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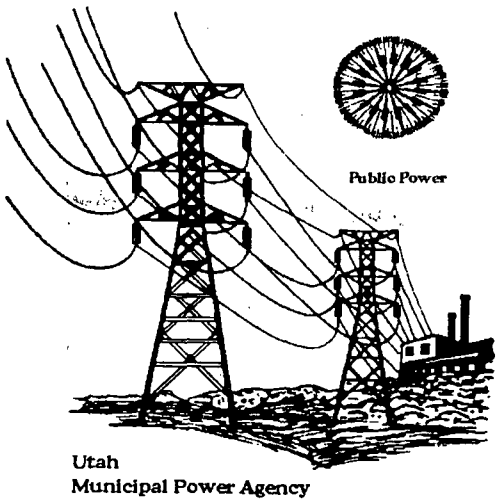
Utah Municipal Power Agency
Integrated Resource Plan



2 & 5 Year Plan
FY 1998-2002

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UTAH MUNICIPAL POWER AGENCY
EXECUTIVE SUMMARY

Introduction

This Integrated Resource Plan (IRP) has been developed to provide a basis for decisions which will assure the Utah Municipal Power Agency (UMPA) and member cities an adequate and reliable supply of energy at the least cost.

It represents a continuation of UMPA's practice of carefully considering supply-side and demand-side options relative to resource acquisition in the context of our daily and seasonal load characteristics, resource characteristics and mix, load factor, load shape, and seasonal diversity. Each of these elements, along with a multitude of related considerations, are discussed briefly in this Executive Summary and in detail in the Chapters of the report identified within each Section of this Summary.

This IRP is intended to meet the requirements of the Energy Policy Act of 1992 which requires the preparation and submission of such a plan to the Western Area Power Administration (WAPA) by June 1997.

It has been developed over time by UMPA staff interfacing with the UMPA Technical Committee and the public.

Objectives and Resource Criteria

In order to obtain UMPA's goals, several objectives must be accomplished.

First, UMPA must maintain an updated short-term and long-term load forecast and must monitor its load and load shape.

Second, the performance of existing resources that provide the framework within which a new resource is introduced must be monitored and optimized to assure they deliver the full amount of power intended by economic dispatch procedures.

Third, UMPA must continue to analyze potential demand-side and supply-side resources to determine that attractive options are fully considered.

Fourth, the quality of uncertainty which is present in any scheme impacts the UMPA load and resource plan as well. Therefore, an appropriate level of redundancy, or flexibility, should ideally be present among our resources so that a failure in one resource can be supported by increased performance by another. Conversely, loss of load can be addressed by the absence of a minimum requirement provision relating to the use of our resources.

Fifth, UMPA must continue to consider environmental impacts, affording cleaner resources a priority as we consider options if the economics can be justified.

The process followed in the development of this Plan involved a broad approach to the study and analysis of both supply-side and demand-side options. The process took place in open and public meetings "noticed" in local papers and involved the Agency staff and management; member city staff; UMPA's Technical Committee, comprised of one representative from each member city appointed by its Mayor; and UMPA's Board of Directors. In turn, the Technical

Committee reviewed the development of this plan with their citizen advisory council.

The criteria for evaluation of demand-side options include the following elements:

1. Ease of Implementation
2. Penetration Ability
3. Record Keeping
4. Reliability
5. Capacity and Energy Savings
6. Credible Statistics
7. Balance of Load and Resource Integration

If the demand-side options score well against the criteria listed above and are recommended by the Technical Committee during a scheduled public meeting, then the programs are evaluated in more detail pursuant to the stated criteria shown above to determine which are the least cost.

The criteria used for the supply-side options is similar to the criteria used in the demand-side evaluation. UMPA utilizes two levels of evaluation. The criteria on the first level include:

1. Reliability and Location
2. Capacity and Energy Capabilities
3. Operational Flexibility
4. Credibility of Developer and their Statistics
5. Ability to meet the Load Shape Needs

If the supply-side or demand-side options meet their respective criteria listed above, then UMPA will evaluate it from the second level which includes:

1. Economic
2. Environmental

These concepts are presented in detail in the following chapters:

Chapter 2: Overview and Objectives - This chapter provides an overview of UMPA in regards to its history and organizational structure along with the Agency's goals and objectives.

Chapter 8: Resource Integration - This chapter discusses the criteria that UMPA used to evaluate each demand-side and supply-side resource and compares the evaluation results. It also presents different resource portfolios and environmental and uncertainty issues that relate to the potential resources. At the end of the chapter are the spreadsheets that show the economic calculations for each potential resource.

Resource Options Considered

Due to the uncertainty of load growth, UMPA developed three 10 year-load forecasts scenarios for each of the member cities individually and as an agency. The "low" scenario estimates an average load growth of 1.60% energy and 1.45% capacity, the "base" scenario estimates an average load growth of 2.54% energy and 2.39% capacity, and the "high" scenario estimates an average load growth of 4.10% energy and 3.91% capacity.

UMPA compared the capacity of each scenario forecast to the capacity of the existing resources, the results indicate that there is sufficient capacity beyond FY 2002 under all three scenarios. In order to determine if the existing resources have sufficient energy to cover the forecasted loads, the Agency utilizes a dispatch software program developed by a nationally recognized consulting firm. The purpose of this program is to provide an operating model of UMPA's system which can be used to simulate the hourly dispatch of resources. The results from this dispatch model also indicate that UMPA has sufficient energy beyond FY 2002.

Even though UMPA has determined that it has sufficient capacity and energy from its existing resources to cover future loads for its members cities, the Agency is still evaluating potential new resources. Listed below are the resources, both demand-side and supply-side, that UMPA has evaluated thoroughly.

Demand-Side Resources:

1. Residential Audit - This program requires that representatives from member systems visit customers' homes and evaluate how efficiently the customers are using electricity.

2. Electric Water Heater Blanket and Pipe Wrap - This energy program can reduce the energy and demand uses by wrapping the hot water tank in an additional R-11 insulation blanket. The first five feet of hot water pipe emits enough heat to justify an insulation wrap.

3. Motor Efficiency - This program encourages customers to use more efficient motors.

4. Voltage Regulator Controls - By adjusting the voltage levels on designated transformers with voltage "tap changer" capabilities, UMPA can reduce the load during the peak hours of the day or for all hours of the day over an extended period of time.

5. Tree Planting - This program involves trees planted in strategic locations so that energy can be saved by reducing the cooling and heating needs of structures.

6. Infra-red Scanning - This program allows utilities to scan their distribution and transmission system to locate "hotspots" that cause loss of energy and reliability and/or to use on residential audits to locate areas where cooling and heating are escaping (ie. windows, doors, roofs).

7. Master Metering - This program assists apartment complex owners to convert from one master meter to individual meters for each unit to make the individual occupant more aware of their energy consumption.

8. In-House Conservation - This program examines all city buildings and their energy consumption to determine the potential savings if demand-side options are installed.

9. New Construction - This program can achieve a reduction in energy consumption by either modifying local building codes or charging a substantial impact fee for contractors wanting to build facilities without adhering to energy efficient methods and/or codes.

10. Street Light Upgrade - This program involves retrofitting all existing mercury vapor and incandescent lighting with lower wattage high pressure sodium lights.

11. Education Program - This program provides information on energy efficient appliances and programs that enable customers to reduce their energy consumption and save money.

12. Air Conditioning Cycling - This program involves the installation of a switch on the member cities' customers' air conditioning units. During the periods of high loads, the utility can send a signal to the switch which interrupts the signal from the thermostat to the compressor.

Supply-Side Resources:

1. Power Supply Contracts:

   a. Power Marketer - UMPA evaluated the possibility of purchasing a power supply contract from a power marketer. This contract would provide UMPA with firm capacity and energy over a 14 year period (1999-2012). UMPA would be able to purchase 2 MW in the early years and gradually purchase up to 13 MW while maintaining a 50% to 75% load factor.

   b. Deseret Generation and Transmission (DG&T) - This contract would provide system contingent capacity and energy and its term would end in December 2001. UMPA would be able to purchase 8 MW and gradually increase to 15 MW.

   c. PacifiCorp - This contract would provide for firm capacity and energy from 1997 through 2000. The Agency would purchase 8 MW and have it delivered to our load. One of the key elements of this contract is that this purchase would not be added to our monthly wheeling peak and PacifiCorp incurs the losses.

   d. Combined Cycle Combustion Turbine - UMPA received a proposal to purchase 10 MW from 200 MW Combined Cycle Combustion Turbine. This proposal was unit contingent and its term was for 20 years. The proposal indicated that this unit will be located be in Southwestern Colorado.

e. Coal Fired - UMPA evaluated the possibility of purchasing a unit contingent power supply contract based upon a 55 MW coal fired system to be located in Sunnyside, Utah. The term of this agreement would only be for 6 months to 3 years. The Agency could purchase up to 8 MW and associated energy was calculated on a 85% load factor.

f. Gas Fired - Another resource proposal was for 10 MW over a 20 year period (1997-2016). This project consisted of a 20 MW gas fired resource and was unit contingent. The location of this project will be in Carbon County.

g. DG&T/CRSP - Deseret sent UMPA a proposal to sell their Colorado River Storage Projects (CRSP) allocation from 1996 to 2001 at cost. A total of 123 MW of firm capacity and associated energy was available and the terms and conditions would follow the same terms and conditions that UMPA currently follows for its own CRSP allocation.

2. Generation Ownership

a. Provo Steam Turbine - One of UMPA's existing resources is the steam turbine at the Provo Downtown Plant. Even though it is in the preparation stages for cold storage, future situations may arise to justify bringing this turbine back on line. The rated capacity of this unit is 9,200 kW and it is estimated to have a 15 year life expectancy.

b. Geothermal Facility - Another of UMPA's existing resources is the geothermal power plant located near Sulphurdale, in central Utah.

Additional power and energy may be acquired by drilling hot water wells and installing pumps, if it is priced competitively. Approximately 1,500 kW of capacity was obtained from the previous drilling project at this facility.

These concepts are presented in detail in the following chapters:

Chapter 4: Long-Term Forecast Analysis - This chapter presents the results of the forecast as well as the assumptions and methodologies used to develop the results. These results are presented under three scenarios.

Chapter 5: Comparison of Load with Existing Resources - This chapter discusses UMPA's diversified mix of existing resources, non-firm contracts, and existing transmission agreements. It also compares the forecasted loads ("low", "base" and "high") with our existing resources at the 138 kV substation level.

Chapter 6: Demand-Side Resources - This chapter discusses six different types of load shape objectives and presents which load shape objective UMPA is targeting. It also introduces several demand-side resource options. A detailed evaluation of these resources is provided in Chapter 8, Section I.

Chapter 7: Supply-Side Resources - This chapter introduces several supply-side resource options related to the type of resource, its size and its location. Chapter 8, Section II provides a detailed discussion of the evaluations on each resource.

Preferred Resource Mix

UMPA's preferred resource portfolio was chosen based on the assumption that the member cities' load growth would follow the "base" scenario load forecast. Chapter 5 of this IRP compares the load forecast with UMPA's existing resources and the results indicate that no new supply-side or demand-side resources are needed until FY 2007. However, the Agency is interested in deferring the construction of or purchasing a contract in a future supply-side resource by implementing the preferred Demand-Side Management (DSM) programs now. Listed below is the preferred DSM portfolio:

1. Residential Audit - (Water Heater Blanket, Pipe Wrap, and Infra-red scanning)
2. Tree Program
3. In-House Conservation
4. Voltage Regulator Control

In addition to these DSM programs that will be implemented, UMPA and the member cities will continue to:

1. Purchase low loss transformers
2. Install high pressure sodium street lights
3. Educate its customers on energy efficient appliances and methods to conserve electricity.

The matters discussed in this section are presented in detail in the following chapter:

Chapter 9: Preferred Resource Mix - This chapter presents UMPA's preferred resource mix and provides methods of validation of predicted performance in order to determine if UMPA's objectives in the plan are being met.

Action Plan

UMPA and its member cities will be implementing the preferred DSM projects as well as continuing the optimization of existing resources in FY 1998.

1. In the first year of full penetration, the Residential Audit will save an average of 8 kW per month and 72,583 kWh annually. After five years of performing these audits, UMPA estimates the savings will reach 42 kW per month and 362,915 kWh annually.
2. The Tree Planting Program will not account for any capacity and energy savings for the first 15 years in order to allow the planted trees to mature. Once they reach maturity, UMPA estimates a savings of 294 kW per month and 444,149 kWh per year beginning in FY 2017. In order to accomplish the estimated savings, approximately 2,350 deciduous trees will need to be planted by the fifth year of this Action Plan. UMPA has estimated that it has approximately 5,309 customers with refrigerated air conditioning and the savings are based on 44.3% of the customers allowing the utilities to plant one strategically placed tree in their yard.
3. Only a few of the member cities have already implemented their In-House Conservation Program and the remaining cities will implement their program in the near future. UMPA estimates that an additional savings of 37 kW and 961,639 kWh will be realized through the installation of energy efficient devises and equipment.
4. The Voltage Regulator Control program will allow UMPA to save up to 5% of its peak load, which if activated during the system peak would result in a 7,318 kW savings for each hour. Since the Agency and its member cities have sufficient capacity and energy

beyond FY 2002, this DSM program will be on hold until circumstances dictate the need for it.

5. UMPA and its member cities will continue to convert mercury vapor street lights to lower wattage high pressure sodium lights and install high pressure sodium street lights on new construction.

6. UMPA member cities will only acquire low loss transformers and will not accept transformers with estimated average no load and full load losses that exceed 10%.

7. Educating the customers on energy saving ideas and methods will also continue.

These DSM programs will be implemented and utilized throughout the 2 Year and 5 Year Action Plan.

UMPA has obtained increased capacity and associated energy over the past few years, with no increase in construction, through the exercise of prudent management oversight, and studying, evaluating and optimizing our two coal-fired steam generating resources. These supply-side efforts resulted in a specific increase totaling 9,000 kW and 51,000,000 kWh at our coal-fired steam resources.

In addition to maximizing the output and utilization of our resources, UMPA has increased the efficient use of available capacity through such practices as encouraging the monitoring and member city improvement of power factor thus reducing the loss of power due to excessive reactive power problems; the use of economic dispatch procedures; development and implementation of rates by members which encourage the efficient use of power.

We have been able to increase the hours of availability (plant factor) of existing coal-fired steam generating facilities through the pursuit and development of markets for off peak power lowering the output of pollutants through a more efficient burn rate.

We have also increased the capacity and efficiency of our diesel generating units by purchasing equipment that controls the fuel-combustion air ratio. The resulting mix increases the capacity generated and reduces emissions.

UMPA estimates over this five year plan, the net benefit of the DSM activities, taken as a whole, in terms of increased availability of power and energy for load amounts are approximately 500 kW of our peak load and 3,768,000 kWh, so that in total, UMPA could obtain an increase in power of 9,500 kW and 54,768,000 kWh. These activities and resultant efficiencies will assist UMPA in deferring construction of a new power plant or the purchase of a new supply-side contract.

These concepts are presented in detail in the following chapter:

Chapter 10: Action Plan - This chapter summarizes the Agency's goal and objectives, assumptions and load forecasts. It also describes a 2 Year Action Plan and a 5 Year Action Plan that UMPA will pursue in order to implement the Preferred Resource Mix.

Notes

UTAH MUNICIPAL POWER AGENCY
OVERVIEW AND OBJECTIVES

This chapter provides an overview of UMPA in regards to its history and organizational structure along with the Agency's goals and objectives.

SECTION I - OVERVIEW

The Utah Municipal Power Agency, a separate political subdivision of the State of Utah, was created pursuant to the Interlocal Co-operation Act, Title 11, Chapter 13, Utah Code Annotated 1953. The Utah Municipal Power Agency was established on September 18, 1980, for the purpose of developing a reliable and economic power supply program to meet the electric power and energy needs of its member municipalities, which presently are the cities of Manti, Nephi, Provo, Salem, Spanish Fork, and the Town of Levan, by acquiring, constructing, operating, maintaining, repairing, and administering power resources. A record of historical loads of each of the members is included in Appendix A.

UMPA conducted reconnaissance power supply investigations in 1981 and prepared and adopted a plan of development and obtained a $6 million loan for the Agency's development activities in 1982. These activities included acquiring water rights for a steam generation unit then under consideration and initiating engineering feasibility studies, legal investigations and power pooling operations. Power supply screening studies, econometric load forecasts and a refined plan of development were accomplished in 1983. Pooling of existing member resources commenced in 1984. In November of 1985, UMPA developed into an All Requirements Supplier for its member cities pursuant with the acquisition of the Bonanza project.

The Agency is governed by a Board of Directors to which each of the Agency's Members appoints one Director. Each Director has one vote and decisions of the Board are made by majority vote with public input. This governing body is assisted by a General Manager and staff

and the Utah Municipal Technical Committee. This committee was organized to be an advisory body to the Board of Directors.

As a purchaser of power from the Western Area Power Administration, an Agency of the Department of Energy, UMPA is required to submit an IRP to Western Area Power Administration under a provision of the Energy Policy Act of 1992. The Agency has had a least cost plan since 1983 and is currently submitting this IRP for approval by those who regulate the Action Plan and evaluate all available supply-side and demand-side options.

The purpose of the IRP is to help UMPA identify which resources to acquire, what amounts of resources to acquire, when to acquire them, and to acquire them at the lowest cost consistent with the guidelines the Agency has established relative to reliability, flexibility, economics, and other significant determinants discussed in the executive summary of this report. The IRP process included:

1. Opened and balanced consideration of a wide variety of supply and demand-side options which are detailed in Chapters 6 and 7.
2. Consideration of environmental impacts of providing energy services.
3. Involvement from a wide variety of public participants, each of whom are informed on the criteria applicable to each of the options selected for further study and/or implementation.

This process, which forms the basis for this report, can be seen through the report to reach a rational conclusion based on the recommendations of those making input and the data developed and processed in the preparation of this document.

SECTION II - OBJECTIVES

UMPA has established three goals that provide the foundation and purpose for its existence as an All Requirements Supplier to its members. The first goal is to develop a reliable and economical power supply program to meet the electric power and energy needs as required by the members and their customers. The second goal is to provide the benefits of economies of scale through joint endeavors relating to generation, transmission, and distribution of electric power and energy. The final goal is to involve each member in the planning, operating, and developing stages it undertakes. In order to reach these goals, several objectives must be properly accomplished.

First, UMPA must maintain an updated short-term and long-term load forecast and must monitor its load and load shape to assure that the basis for resource selection is well grounded in terms of peaking, intermediate and base resource needs.

Second, the performance of existing resources that provide the framework within which a new resource is introduced must be monitored to assure they deliver the full amount of power intended by our economic dispatch procedures. This will assure the new resource will occupy a position appropriate to its characteristics which formed a major portion of the basis for its selection.

Third, UMPA must continue to analyze potential demand-side and supply-side resources to determine that attractive options are fully considered as the IRP evolves in a dynamic process designed to continually enhance the economics, reliability and appropriateness of UMPA's

resource mix. Providing a forum where public participation is included also plays a major role in determining the preferred resource.

Fourth, the quality of uncertainty which is present in any scheme impacts the UMPA load and resource plan as well. Therefore, an appropriate level of redundancy, or flexibility, should ideally be present among our resources so that a failure in one resource can be supported by increased performance by another; or conversely, loss of load can be addressed by the absence of minimum requirements at generation resources. For the shorter term, UMPA can rely on the availability of Inland Power Pool spinning reserves or open market energy.

Fifth, UMPA will maintain its consideration for environmental impacts by affording cleaner resources a priority as we consider options. Currently, 52% of the Agency's supply-side resources are made up of renewable resources, one of which is a geothermal power plant that UMPA has contracted rights to and operates and has developed and will further develop as the IRP dictates and our interest appears. UMPA is keenly aware of the need and related expenses for clean air and has as a goal to be a minimal contributor to environmental degradation.

Notes

UTAH MUNICIPAL POWER AGENCY
PROGRESS SINCE PREVIOUS PLAN

This report is the second Integrated Resource Plan that UMPA has developed under the new criteria set forth in the Energy Policy Act of 1992. UMPA's first IRP was completed and implemented in FY 1996. In this chapter, UMPA will discuss three programs and their status relating to conservation: (1) Conservation and Renewable Energy (C&RE) Programs, (2) DSM Programs implemented in 1996 IRP, and (3) Climate Challenge Program of which UMPA is a participating member.

SECTION I: OUTLINE OF C&RE PROGRAMS & STATUS

Levan Town

1. Rebuild Town Substation and Install Low Loss Transformers:

   This project has been completed.

2. Rebuild and Upgrade the Town's Distribution System:

   This project is ongoing and it is estimated that 45% of the current carrying capacity has been upgraded.

3. Installation of two Hydroelectric Plants complete with Automatic Controls and Peak Shaving Capabilities (one on irrigation and one on culinary system):

   This project has been completed.

4. Distribute Energy Conservation Literature to Customers:

   This project has been implemented and is ongoing.

5. Restructure Rates and Install Demand Meters:

   The rates have been restructured and two demand meters were installed in 1996.

6. Residential Load Shedding Program:

   This program has been implemented on electric hot water heaters within the community. However, since the arrival of natural gas, several existing customers have converted to natural gas heating. As of June 30, 1996, only six customers are on the Load Shedding Program.

7. Power Factor Correction:

This project has been implemented by installing capacitors and is continually monitored each month.

Manti City

1. Reconductor Distribution System:

This project was completed in 1988 and it consisted of changing out #6,#2,#2-O copper to #2, #1-O,#4-O A.C.S.R.

2. Purchase Low Loss Transformers:

This program has been implemented and is ongoing.

3. Study Transformer Sizing and Replace if Oversized:

This project is ongoing, but is not top priority.

4. Upgrade Hydro Plants and Install a New Plant on the Culinary System:

This project has been completed.

5. Street Lighting Redesigning Management:

This project is ongoing and it is estimated that 70% of the street lights are now high pressure sodium.

6. Power Factor Correction:

This project has been implemented by installing capacitors and is continually monitored each month.

7. Upgrade Voltage from 4.160 kV to 12.470 kV:

This project has been temporarily postponed until sufficient funds are available.

Nephi City

1. Street Light Redesigning Management:

   All existing mercury vapor street lights have been changed to high pressure sodium. All new installations will have high pressure sodium installed.

2. Upgrading Substation, Equipment and Power Lines to Optimize Efficiency and Reduce Losses:

   This project is ongoing; however, it is estimated that 95% of the city has upgraded facilities.

3. Build two Hydroelectric Plants (one on irrigation and one on culinary system):

   This project has been completed.

4. Power Factor Correction:

   This project has been implemented by installing capacitors and is continually monitored each month.

5. Home Energy Audits and Disbursement of Information to Customers:

   This project has been implemented and is ongoing.

6. Load Management (Load Shedding Equipment Installed on Every Customer with Hot Water Heaters):

   This program has been implemented and the availability of natural gas has caused some customers to convert over to natural gas heating. However, there are still 250 customers on the program.

7. Upgrade Voltage from 4.160 kV to 12.470 kV:

Approximately 95% of the load is fed from the 12.470 kV system. This project is ongoing.

Salem City

1. Upgrade System - Voltage and Line:

The conversion project from 2.4 kV to 7.2 kV has been completed.

2. Redesign and Rebuild Culinary Pumping facilities:

Improvements have been made and are expected to continue on the water tankage and in the spring well. Ernest money has been paid towards a new well and in the spring of 1996, the City issued $4 million in bonds to continue this project.

3. Improve Power Factor:

This project has been implemented by installing capacitors and is continually monitored each month.

4. Street Light Redesign:

This project is ongoing until all mercury vapor street lights have been replaced by high pressure sodium lights. As of June 30, 1996, approximately one third of the street lights have been converted to high pressure sodium.

5. Customer Conservation Information:

This project has been implemented and is ongoing.

Provo City

1. Street Light Redesign and Area Lighting Upgrade:

   All existing mercury vapor street lights have been changed to high pressure sodium. All new installations will have high pressure sodium installed.

2. District Heating Program:

   This program is no longer in service.

3. Geothermal Generation:

   Provo City has turned over the management and operations of the Bonnett Geothermal Power Plant to UMPA.

4. R & D Programs on Renewable Resources:

   UMPA is responsible for evaluating all supply-side resources and therefore this project is no longer the responsibility of a member city.

5. Micro Hydro Development:

   UMPA is responsible for evaluating all supply-side resources. Therefore this project is no longer the responsibility of a member city.

6. Power Plant Utilization Improvement:

   UMPA is responsible for evaluating all supply-side resources. Therefore this project is no longer the responsibility of a member city. However, three independent studies were commissioned by UMPA to optimize the Agency's existing resources. Operation and maintenance has been placed under UMPA's management and control to assure continued optimization and efficient use of the units.

7. In-House Energy Management Program:

New energy efficient lights, equipment and motors have been installed in the city buildings.

8. Power Factor Correction:

This project has been implemented by installing capacitors and is continually monitored each month.

9. Energy Audit and Distribution of Information to Customers:

This program has been implemented and is ongoing.

10. Employment of a Full Time Person for C&RE Program:

Two full time employees have been hired for this position. The first employee was hired in 1990 and the second employee was hired in 1995.

Spanish Fork City

1. Upgrading and Rebuilding Power Lines and Substations:

Approximately 80% of the distribution system has been upgraded from a 2.4 kV to 7.2 kV system.

2. Lighting Redesign and Conservation:

This project is 67% complete and is ongoing.

3. Wind Generation:

For the past 18 months, UMPA working as a partner with Windward Engineering L.C., has installed a 30 kW Synergy Power Wind Turbine in Spanish Fork Canyon.

4. In-House Conservation Program:

The new Public Safety Building has new energy efficient lights and motors. Also the Library is in the planning process stages for energy efficient improvements.

5. Power Factor Correction:

This project has been implemented by installing capacitors and is continually monitored each month.

6. Install Low Loss Transformers:

This project has been implemented and is ongoing.

7. Load Management and Insulation Program:

This program is currently on hold.

8. Upgrade Voltage from 4.160 kV to 12.470 kV:

This project has been implemented and 70% of the load is fed from the 12,470 kV distribution system.

UMPA

1. Enlargement of Geothermal Facility:

This project included the construction and completion of a 7,400 kW condensing turbine and associated equipment. Also, a new hot water well has been drilled and as of June 1996, this well is in production flashing the water into steam.

2. Research & Development for Renewable Energy Resources:

UMPA has designed an innovative and new configuration for developing an efficient method of utilizing the geothermal resource. The project consists of three phases:

1. Four binary generating units
2. One topping turbine which is a non-condensing steam turbine
3. One condensing turbine generating unit

UMPA continues to support the wind generation project at the mouth of Spanish Fork Canyon and is monitoring the different operating and production characteristics.

3. Resource Utilization Assessment:

A study on Resource Utilization Assessment has been completed for UMPA and is in the implementation stage of the recommendations. UMPA has also developed a dispatch manual to assist dispatchers to maximize the resources available to the agency.

4. Dissemination of Conservation Information:

The project has been implemented and will continue to expend over 16% of UMPA's and the Technical Committee's time in disseminating information beneficial to its members' distribution systems.

5. Support Member Cities in Developing and Implementing their C&RE Programs:

UMPA continues to encourage and in some cases gives presentations to member cities to promote C&RE programs with money, information, time and coordination.

SECTION II: 1996 DSM PROGRAMS

In conjunction with the C&RE Programs, UMPA recently completed its first year of the five year IRP (FY 1996-2000). This Plan recommends the implementation of some new DSM Programs even though it demonstrated that UMPA had an adequate supply of existing resources to meet its members' future loads during this study period. By continuing the Ongoing C&RE Programs and by implementing the new DSM Programs, UMPA will be able to defer the construction or purchase of a contract in a future supply-side resource.

The Ongoing C&RE Programs that have been discussed in Section I and in the FY 1996-2000 IRP are (1) purchasing low loss transformers, (2) changing out mercury vapor and incandescent street lights to high pressure sodium, (3) and providing education information on energy efficiency to residential and commercial customers.

1. Low Loss Transformers: UMPA and it member cities committed to purchase and install 366 low loss transformers which would result in an estimated savings of 88 kW and 709,200 kWh in FY 1996. The actual number of transformers purchased and installed were 370 and the calculated savings 56 kW and 454,064 kWh.

2. Street Lights: The goal of this program was to install 251 high pressure sodium street lights during 1996. The estimated savings from this programs is 23 kW and 102,250 kWh. The actual number of high pressure sodium street lights installed were 214 and the calculated savings are 22 kW and 98,287 kWh.

3. Education: UMPA and its member cities also committed to educate the community by providing information on energy efficient programs. This program is rather easy to implement and the savings are very difficult to quantify. Some of the methods the member cities have used to educate the community are to provide informational audits, free brochures, and public presentations.

The New DSM Programs implemented in 1996 were (1) Residential Audits, (2) Tree Planting Program, and (3) In-House Conservation. The Voltage Regulator Control program was also one of the programs discussed in the IRP; however, it was not implemented in 1996 and will not be implemented until the Balance of Loads and Resource Study dictates its need.

1. Residential Audits: The key element of this program is the free hot water blanket, pipe wrap, and low flow water fixtures. The goal for 1996 was to complete 187 audits. The estimated savings from this program was 10 kW and 87,600 kWh. The actual number of audits completed were 208, but the number of audits that provided free hot water heater blanket were 158, which resulted in a savings of 7.9 kW and 73,944 kWh.

2. Tree Planting Program: The purpose for planting trees in residential yards was to mitigate severe weather conditions and therefore reduce electrical consumption. UMPA and its member cities committed to plant 246 shade trees in 1996 and the actual number of trees planted were 354. Since the planted trees will take several years to mature, no kW and kWh savings will be accounted for during the first 15 years.

3. In-House Conservation: In FY 1996, an In-House Conservation Program was implemented in several of UMPA's member cities. The projects ranged from energy efficient lighting to pool covers and the estimated savings from this project was 269 kW

and 1,730,000 kWh. Upon completion of the fiscal year, the calculated savings were estimated at 1,986,501 kWh and the average kW saved per month was 246.

In addition to these three DSM programs, the City of Provo implemented a Light Lease Program in FY 1996. As of June 30, 1996, 935 energy efficient lights were either leased or sold to residential customers and the estimated savings is 76,161 kWh. Overall, UMPA and its members have saved 332 kW and 2,688,957 kWh in FY 1996 through implementation of the Ongoing C&RE Programs and the New DSM Programs. References to the data collected for 1996 are located in the "UMPA's DSM Programs" manual.

SECTION III: CLIMATE CHALLENGE PROGRAM

On March 30, 1995, UMPA entered into a Participation Accord with the U.S. Department of Energy (DOE). This Accord describes our commitment to participate in the Climate Challenge Program in pursuit of President Clinton's goal to reduce, avoid or sequester greenhouse gas emissions. This program is a joint, voluntary effort of the DOE and 577 electric utilities that have committed to reduce, avoid or sequester over 47.5 million metric tonnes of carbon equivalent in the year 2000.[1] UMPA's Commitment is to offset 46,181 tons of CO_2 in the year 2000. In order to accomplish this goal, UMPA and it member cities will implement several projects. A copy of the Participation Accord that UMPA and its member cities sent to Secretary Hazel O'Leary is included in this section. This Accord explains each of the projects and provides the anticipated savings.

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[1] "Memorandum - Request for Success Stories for DOE's First Annual Climate Challenge Report"; Larry Mansueti, Director, Climate Challenge Program; February 29, 1996

CLIMATE CHALLENGE PARTICIPATION ACCORD

BETWEEN UTAH MUNICIPAL POWER AGENCY

AND THE U.S. DEPARTMENT OF ENERGY

This Participation Accord describes the commitments that the Utah Municipal Power Agency (UMPA) and the U.S. Department of Energy (DOE) have made to participate in the Climate Challenge Program in pursuit of the President's goals for reducing greenhouse gas emissions. The Climate Challenge Program is a joint, voluntary effort of DOE and the electric utility industry to reduce, avoid or sequester greenhouse gas emissions. The framework of the Climate Challenge Program was established in the Climate Challenge Program Memorandum of Understanding and exhibits thereto dated April 20, 1994 (the Climate Challenge Program MOU).

UMPA was established for the purpose of developing a reliable and economical power supply program to meet the electric power and energy needs of its member municipalities, which presently are the cities of Manti, Nephi, Provo, Salem, and Spanish Fork and the Town of Levan.

I. UMPA's Commitments

A. Consistent with paragraph II.B.1 of the Climate Challenge Program MOU, UMPA will undertake the following projects or programs:

1. **Tree Planting Program:** UMPA's member cities will plant the following number of trees between 1994 and 2000 as part of APPA's Tree Power Program:

30 deciduous trees in 1994
1300 deciduous trees in 1995

1300 deciduous trees in 1996
1300 deciduous trees in 1997
1300 deciduous trees in 1998
1300 deciduous trees in 1999
1300 deciduous trees in 2000

UMPA's member cities will also strategically plant 221 and 222 deciduous trees in 1995 and 1996 respectively in addition to those planted as part of Tree Power. The intent of this program is to reduce energy consumption by mitigating severe weather conditions.

2. **Demand Side Management**

a. **Residential Audit Program** This program requires that a representative from UMPA's member cities visit customer homes and evaluate how efficiently they are using electricity. Examples of conservation improvements are door/window weather stripping, caulking, window film, storm windows, and fluorescent lamps. Low flow showerheads and electric water heater blankets are also examples and will be provided at no cost to the residential customer. This program will commence in July 1995 and UMPA anticipates the annual savings to reach 262.8 MWh per year by the end of 1998.

b. **In-House Conservation** This program examines all municipal buildings and analyzes the energy consumption in order to calculate the efficiency of each building that can be achieved. This program was implemented in 1994 and the calculated savings for that year was 1,181.4

MWh. UMPA estimates the annual savings to reach 1,730.0 MWh in 1996 and each year thereafter.

c. **Street Light Program.** This program involves retrofitting all existing mercury vapor and incandescent lighting with high pressure sodium lights. The estimated savings from 1991 to 1994 is 1,199 MWh and UMPA anticipates that these activities will result in a total savings of 1,931.0 MWh per year by the year 2000.

UMPA and its member cities anticipate saving 7,808,362 lbs. of CO2 by the year 2000 through this Demand Side Management program.

3. **Generation**

a. **Wind Turbine**. The wind resource is an experimental wind turbine that came on line at the end of 1994 and is located in Spanish Fork Canyon (Utah). The size of this turbine is 20 kW. UMPA anticipates this project will result in 87.6 MWh saved in the year 2000.

b. **Geothermal Power Plant.** One of UMPA's existing resources is a geothermal power plant located near Sulphurdale, in central Utah. Generation began in 1985 with four binary-cycle units (Phase I) and was later supplemented by topping turbine generator (Phase II). In the fall of 1990, a new condensing turbine was added (Phase III). UMPA anticipates this project will result in 38,500 MWh saved in the year 2000.

UMPA and its member cities anticipate saving 76,806,438 lbs. of CO2 in the year 2000 through these generation projects.

4. **Transmission and Distribution System Improvements**

a. **Low-Loss Transformers.** UMPA's member cities will acquire low loss transformers and will not accept transformers with an estimated average no load and full load losses that exceed 10%. In 1996, the member cities estimate that they will purchase approximately 366 low loss transformers and each year thereafter, the purchase will slowly increase to 388 in 2000. UMPA anticipates that the installation of these transformers will result in 3,748.0 MWh saved in the year 2000.

b. **Voltage Regulator Control.** This project involves the installation of a voltage regulator control at each transformer with voltage "tap changer" capabilities. The system can then be activated by the dispatcher in the Operation Center by sending a signal out on the SCADA system, which in turns activates the regulator on the transformer. The intent of this project is to either cut load during peak periods or reduce loads during all hours. UMPA anticipates that the installation of these voltage regulator controls will result in 144.8 MWh saved in the year 2000.

UMPA and its member cities anticipate saving 7,746,672 lbs. of CO2 in the year 2000 through these transmission and distribution system improvements.

In the year 2000, UMPA and its member cities anticipate saving 46,181 tons of CO2 through these Climate Challenge commitments. This Accord is contingent upon the annual review and approval of UMPA's Integrated Resource Plan.

B. UMPA will report annually on activities and achievements under the Climate Challenge Program. Results achieved during each year shall be reported in a clear and understandable manner that is consistent with the guidelines adopted pursuant to subsection 1605 (b) Energy Policy Act and Climate Challenge accounting protocols in the Exhibit B of the Climate Challenge Program MOU. The first such report may include a description of the activities and achievements of the UMPA prior to its becoming a participant in the Program, expressed on an annual basis to the extent possible.

C. UMPA will confer with DOE on or before October 30, 1996 to evaluate jointly the progress of UMPA in achieving its Climate Challenge Program goals and to discuss possible adjustments to its voluntary commitments.

D. The Climate Challenge Program representative for UMPA will be Scott Lynsky, Operations Specialist, 75 West 300 North, Spanish Fork Utah 84660, (801) 379-6845. UMPA agrees to notify DOE prior to, or in any event, no later than 30 days after any change in the contract.

II. DOE Commitments

A. DOE's commitments to UMPA are those set out in section III of the Climate Challenge Program MOU, which are hereby incorporated in this Participation Accord by reference.

B. DOE will consider UMPA requests to intervene in regulatory proceedings of federal, state and local commissions and boards on issues pertinent to the Climate Challenge Program. Before DOE intervenes in regulatory and other proceedings

pertaining to UMPA for purposes of addressing Climate Challenge Program issues, it will provide notice to UMPA.

C. DOE will provide an annual report to UMPA describing the actions that it has taken to fulfill its commitments under section III and Exhibit C of the Climate Challenge Program MOU and the results of those actions.

D. The Climate Challenge Program representative of DOE, who will serve as liaison to UMPA, will be Larry Mansueti, Director, Climate Challenge Program, Office of Utility Technologies (FE-10), U.S. Department of Energy, 1000 Independence Ave., SW, Washington, DC 20585 (202) 586-2588. DOE agrees to notify UMPA prior to or, in any event, no later than 30 days after any change in liaison responsibilities or personnel.

III. General Provisions

A. Use of DOE-developed materials by UMPA will be governed by the provisions of section IV of the Climate Challenge Program, MOU, which are hereby incorporated in this Participation Accord by reference.

B. In addition to the foregoing Provisions, DOE and UMPA agree to act in accordance with the principles set out in section I of the Climate Challenge Program MOU and the general provisions set out in subsections V.A-V.D, V.F, and V.G. of the Climate Challenge Program MOU, which are hereby incorporated by reference.

C. Either party may withdraw from this Participation Accord or any of its activities under the Climate Challenge Program without penalty and without being subject to remedies at law or equity.

G. Richard Judd

General Manager and Chief Operating Officer

Utah Municipal Power Agency

March 30, 1995

Secretary of Energy or designee

U.S. Department of Energy

March 30, 1995

Each year, UMPA fills out the EIA-1605EZ Voluntary Reporting of Greenhouse Gases Form with information and statistics on each program implemented and its results. Included in this section is a copy of the 1996 form. The results indicate that UMPA and its member cities have reduced or sequestered greenhouse gas emissions by 76,457,295 lbs or 38,229 tons of CO_2 in 1995. Our goal is to reach 46,181 tons of CO2 in the year 2000.

Form EIA-1605EZ Voluntary Reporting of Greenhouse Gases

Form Approved
OMB No. 1905–0194
Expiration Date: 5/31/98

EIA Energy Information Administration
U.S. DEPARTMENT OF ENERGY

This report is voluntary and authorized by the Energy Policy Act of 1992 (Public Law 102–486). For the provisions concerning confidentiality of information submitted on this form, see *Can The Information You Report Be Kept Confidential?* on page 3 of the instructions. Public reporting burden for this collection of information is estimated to be 4 hours per response, including the time of reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the form. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing burden, to the Energy Information Administration, Office of Statistical Standards, EI–73, 1000 Independence Avenue, S.W., Washington, DC 20585; or to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

Send completed forms to:

Voluntary Reporting of Greenhouse Gases Program
Energy Information Administration, EI-81
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

For more information or technical assistance, call:
1-800-803-5182

Schedule I. Reporter Information and Certification

1. NAME OF INDIVIDUAL OR ORGANIZATION REPORTING:
Utah Municipal Power Agency

2. ADDRESS
Street: 75 West 300 North
City: Spanish Fork
State: UT ZIP: 84660

3. TYPE OF REPORTER
- ☐ Individual
- ☐ Company
- ☒ Government
- ☐ Non–Profit Organization
- ☐ Other, specify:

Two–digit Standard Industrial Classification (SIC) Code *(see Appendix C)*: 49

4. CONTACT NAME: R. Scott Lynsky
Title: Operations Specialist
Tel: (801) 379 - 6845

5. CONFIDENTIALITY
Check box if applicable *(see the Instructions for more information)*:
☐ This report contains confidential information.

6. CERTIFICATION
Name of Certifier: Richard D. Lucy
Title: Manager Power Operations

I certify that the information reported on this form is accurate to the best of my knowledge and belief.

Signature:
Date: 9/3/96

EIA Use Only:

Schedule II. Project Information and Greenhouse Gas Emission Reductions for 1995

Project Description (A)	Code for Project Type (B)	Code for Voluntary Program (If applicable) (C)	Project Size			Total Energy or Fuel Saved (If applicable)			Emission Reduction or Sequestration			Was the Project Reported Last Year (Yes or No)? (M)
			Size Measure (D)	Quantity (E)	Unit of Measure (F)	Type of Energy or Fuel (G)	Quantity (H)	Unit of Measure (I)	Green-house Gas (J)	Quantity (K)	Unit of Measure (L)	
Examples												
Lighting Replacement	*321*	*GLP*	*Number of Bulbs*	*20*	—	*EL*	*2,059*	*kWh*	*CO2*	*1.75*	*st*	*N*
Carpooling	*431*	*N/A*	*Number of Passengers*	*4*	—	*MG*	*183*	*gal*	*CO2*	*3,587*	*lbs*	*N*
Projects												
1. Tree Planting	810	CC	No. of Trees	1,398	-	-	-	-	CO2	45,295	lbs	Y
2. In-House Conservation	300	CC	-	-	-	EL	1,967	MWh	CO2	3,914	lbs (000)	Y
3. Street Light Replacement	321	CC	No. of Lights	?	-	EL	1,632	MWh	CO2	3,248	lbs (000)	Y
4. Geothermal Generation	100	CC	Units	6	MWh	CL	34,799	MWh	CO2	69,250	lbs (000)	Y
5.												
6.												

Notes

UTAH MUNICIPAL POWER AGENCY
LONG-TERM FORECAST ANALYSIS

This chapter presents the results of UMPA's load forecast as well as the assumptions and methodologies used. These results are presented under three scenarios. The "low" scenario represents a slower type of electric growth from member cities. The "base" scenario represents the projected electric growth from member cities. The "high" scenario represents the inclusion of potential new large loads identified by the members of UMPA in addition to electric growth from their existing customers.

These forecasts cover a 10 year period (FY 1998 - FY 2007) and the composite UMPA energy requirements and peak demands under these three scenarios are projected to increase at the average annual compound growth rates provided below.

	Energy Requirements	Peak Demand
Low	1.60%	1.45%
Base	2.54%	2.39%
High	4.10%	3.91%

UMPA utilized three sources in developing these forecast scenarios. The first source was the FY 1997 UMPA Budget. Its purpose was to provide a foundation to which each forecasted growth rate can be applied to in order to calculate future loads.

The second source of information was a load forecasting software program call Power Manager. This program analyzes five years of historical load data and conducts a monthly trend analysis in order to project future loads.

The third source of information was the January 1994 Load Forecast Study developed by Sawvel and Associates (formally known as J.S. Sawvel and Associates). This study covers the period from FY 1995 through FY 2003. UMPA has chosen not to use the projected MW and MWh numbers from this study, but to use some of the projected growth rates.

SECTION I - LOW, BASE, AND HIGH SCENARIOS

This section contains the forecast spreadsheets that UMPA has developed for this IRP. Under each of the three scenarios, there is a capacity (MW) forecast and an energy (MWh) forecast which represents the total UMPA load on both an annual and monthly basis. Included with each capacity and energy forecast are some detailed spreadsheets that contain a 10 year monthly forecast by city and the associated growth rates.

UMPA FORECAST ESTIMATE
Low Growth Scenario

C:\..\Forecast\FY98-02\Low
12-Sep-96

FISCAL YEAR MW

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	146.785	149.155	151.637	154.209	156.896	159.690	160.926	163.022	165.166	167.361	169.606
AUG	151.054	153.509	156.077	158.739	161.519	164.411	165.690	167.859	170.078	172.349	174.673
SEP	138.483	140.753	143.131	145.597	148.175	150.859	152.013	154.010	156.055	158.148	160.290
OCT	122.740	124.785	126.927	129.154	131.478	133.911	134.925	136.720	138.558	140.440	142.368
NOV	125.957	128.107	130.355	132.692	135.138	137.688	138.741	140.619	142.541	144.511	146.528
DEC	131.669	133.924	136.278	138.727	141.287	143.957	145.072	147.044	149.063	151.131	153.250
JAN	130.420	132.640	134.962	137.375	139.899	142.529	143.632	145.577	147.568	149.607	151.696
FEB	130.302	132.447	134.687	137.009	139.437	141.964	143.066	144.954	146.886	148.863	150.888
MAR	121.391	123.458	125.619	127.865	130.214	132.663	133.683	135.490	137.340	139.236	141.177
APR	115.798	117.724	119.723	121.813	123.988	126.267	127.265	128.972	130.720	132.510	134.343
MAY	126.851	128.909	131.042	133.267	135.582	138.002	139.105	140.939	142.814	144.734	146.699
JUN	144.320	146.604	148.965	151.426	153.980	156.647	157.912	159.955	162.044	164.181	166.368
SUM	1,585.769	1,612.016	1,639.404	1,667.870	1,697.591	1,728.588	1,742.030	1,765.161	1,788.835	1,813.070	1,837.885
MAX	151.054	153.509	156.077	158.739	161.519	164.411	165.690	167.859	170.078	172.349	174.673

UMPA GROWTH FORECAST
BASED ON: J.S. SAWVEL'S GROWTH RATES (FY 1998-2003)
ADJUSTED TO REFLECT LOW SCENARIO

C:\..\Forecast\FY98-02\Low
12-Sep-96

LEVAN	1.01818

LOW GROWTH SCENARIO
MW

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	0.656	0.658	0.662	0.665	0.669	0.672	0.676	0.679	0.683	0.686	0.690
AUG	0.624	0.626	0.629	0.633	0.636	0.639	0.642	0.645	0.648	0.651	0.654
SEP	0.372	0.374	0.376	0.378	0.379	0.381	0.383	0.385	0.387	0.389	0.391
OCT	0.491	0.493	0.495	0.498	0.501	0.503	0.506	0.508	0.511	0.513	0.516
NOV	0.577	0.579	0.582	0.585	0.588	0.591	0.594	0.597	0.600	0.603	0.606
DEC	0.611	0.614	0.617	0.620	0.623	0.627	0.630	0.633	0.637	0.640	0.644
JAN	0.601	0.603	0.606	0.609	0.613	0.616	0.619	0.622	0.625	0.628	0.631
FEB	0.561	0.563	0.566	0.569	0.572	0.575	0.578	0.581	0.584	0.587	0.590
MAR	0.498	0.500	0.502	0.505	0.508	0.510	0.513	0.515	0.518	0.520	0.523
APR	0.546	0.549	0.552	0.555	0.558	0.561	0.564	0.567	0.570	0.573	0.576
MAY	0.760	0.764	0.767	0.771	0.775	0.779	0.783	0.787	0.791	0.795	0.799
JUN	0.686	0.690	0.694	0.697	0.701	0.704	0.708	0.712	0.715	0.719	0.722
SUM	6.982	7.011	7.047	7.084	7.121	7.156	7.194	7.230	7.267	7.303	7.340
MAX	0.760	0.764	0.767	0.771	0.775	0.779	0.783	0.787	0.791	0.795	0.799

MANTI	1.00000

LOW GROWTH SCENARIO
MW

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	3.256	3.264	3.280	3.297	3.313	3.329	3.346	3.363	3.380	3.396	3.413
AUG	2.764	2.771	2.785	2.798	2.812	2.826	2.841	2.855	2.869	2.884	2.898
SEP	2.628	2.634	2.648	2.661	2.674	2.687	2.701	2.714	2.727	2.741	2.754
OCT	2.508	2.514	2.527	2.539	2.552	2.564	2.577	2.590	2.603	2.616	2.629
NOV	2.680	2.693	2.706	2.720	2.734	2.747	2.761	2.774	2.788	2.801	2.815
DEC	2.882	2.895	2.910	2.925	2.939	2.954	2.969	2.984	2.999	3.014	3.029
JAN	2.778	2.791	2.805	2.819	2.833	2.847	2.861	2.876	2.890	2.904	2.919
FEB	2.699	2.712	2.725	2.739	2.753	2.767	2.780	2.795	2.809	2.823	2.837
MAR	2.498	2.509	2.522	2.535	2.548	2.560	2.573	2.586	2.599	2.612	2.625
APR	2.481	2.494	2.506	2.519	2.531	2.544	2.557	2.569	2.582	2.595	2.608
MAY	2.823	2.837	2.852	2.866	2.880	2.894	2.909	2.923	2.938	2.953	2.967
JUN	3.050	3.066	3.081	3.096	3.111	3.127	3.143	3.158	3.174	3.190	3.206
SUM	33.047	33.179	33.348	33.514	33.681	33.848	34.018	34.187	34.358	34.529	34.702
MAX	3.256	3.264	3.280	3.297	3.313	3.329	3.346	3.363	3.380	3.396	3.413

NEPHI	1.00000

LOW GROWTH SCENARIO
MW

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	5.682	5.739	5.796	5.854	5.912	5.972	6.031	6.091	6.152	6.214	6.276
AUG	5.461	5.516	5.571	5.626	5.682	5.739	5.797	5.855	5.914	5.974	6.034
SEP	4.857	4.905	4.954	5.003	5.053	5.105	5.156	5.208	5.260	5.313	5.366
OCT	5.859	5.918	5.977	6.037	6.091	6.158	6.220	6.285	6.351	6.418	6.485
NOV	6.522	6.588	6.654	6.719	6.786	6.854	6.923	6.992	7.062	7.133	7.204
DEC	7.214	7.287	7.359	7.433	7.507	7.581	7.658	7.735	7.812	7.891	7.970
JAN	7.369	7.443	7.517	7.592	7.668	7.744	7.822	7.900	7.979	8.059	8.140
FEB	6.978	7.048	7.118	7.189	7.261	7.334	7.407	7.482	7.557	7.632	7.709
MAR	6.294	6.357	6.421	6.485	6.548	6.614	6.680	6.747	6.814	6.883	6.951
APR	5.917	5.976	6.036	6.096	6.157	6.219	6.280	6.343	6.407	6.471	6.535
MAY	6.044	6.104	6.165	6.226	6.289	6.351	6.415	6.480	6.545	6.610	6.676
JUN	5.448	5.503	5.558	5.613	5.669	5.726	5.783	5.841	5.899	5.958	6.018
SUM	73.645	74.383	75.126	75.873	76.622	77.397	78.172	78.958	79.752	80.554	81.364
MAX	7.369	7.443	7.517	7.592	7.668	7.744	7.822	7.900	7.979	8.059	8.140

PROVO

LOW GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	115.977	116.937	117.904	118.860	119.824	120.779	121.739	122.709	123.686	124.670	125.663
AUG	120.205	121.204	122.210	123.206	124.208	125.202	126.202	127.211	128.228	129.253	130.287
SEP	109.719	110.612	111.512	112.402	113.298	114.187	115.081	115.983	116.891	117.808	118.731
OCT	94.654	95.411	96.174	96.928	97.689	98.442	99.201	99.966	100.736	101.513	102.295
NOV	95.553	96.328	97.110	97.883	98.662	99.434	100.211	100.994	101.784	102.580	103.381
DEC	99.384	100.205	101.031	101.849	102.672	103.488	104.310	105.138	105.973	106.815	107.663
JAN	98.555	99.367	100.186	100.997	101.812	102.621	103.435	104.256	105.084	105.918	106.759
FEB	100.253	101.080	101.914	102.738	103.569	104.393	105.221	106.057	106.899	107.748	108.604
MAR	92.384	93.138	93.898	94.649	95.406	96.156	96.911	97.672	98.439	99.213	99.992
APR	88.851	89.561	90.264	90.972	91.674	92.381	93.121	93.853	94.591	95.334	96.084
MAY	98.797	99.604	100.403	101.207	102.005	102.807	103.644	104.473	105.309	106.152	107.001
JUN	115.388	116.345	117.292	118.246	119.192	120.144	121.133	122.115	123.105	124.103	125.109
SUM	1,229.720	1,239.795	1,249.898	1,259.938	1,270.012	1,280.034	1,290.208	1,300.426	1,310.725	1,321.106	1,331.569
MAX	120.205	121.204	122.210	123.206	124.208	125.202	126.202	127.211	128.228	129.253	130.287

SALEM

LOW GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	2.160	2.168	2.176	2.185	2.193	2.201	2.219	2.232	2.245	2.258	2.271
AUG	2.256	2.265	2.273	2.282	2.290	2.299	2.318	2.332	2.346	2.360	2.375
SEP	2.179	2.187	2.196	2.204	2.212	2.221	2.239	2.253	2.266	2.280	2.293
OCT	1.918	1.925	1.933	1.940	1.947	1.955	1.970	1.982	1.994	2.005	2.017
NOV	2.289	2.298	2.306	2.315	2.324	2.333	2.352	2.366	2.380	2.394	2.408
DEC	2.531	2.541	2.550	2.560	2.570	2.579	2.600	2.616	2.631	2.647	2.662
JAN	2.423	2.432	2.441	2.451	2.460	2.469	2.488	2.503	2.517	2.532	2.546
FEB	2.350	2.359	2.368	2.377	2.386	2.395	2.414	2.428	2.443	2.457	2.472
MAR	2.197	2.205	2.214	2.222	2.231	2.239	2.257	2.270	2.283	2.296	2.310
APR	1.820	1.827	1.834	1.841	1.848	1.855	1.873	1.886	1.899	1.912	1.925
MAY	1.791	1.798	1.805	1.811	1.818	1.825	1.843	1.856	1.869	1.882	1.894
JUN	1.990	1.998	2.005	2.013	2.020	2.028	2.049	2.063	2.077	2.092	2.106
SUM	25.904	26.002	26.101	26.200	26.300	26.400	26.623	26.785	26.949	27.114	27.280
MAX	2.531	2.541	2.550	2.560	2.570	2.579	2.600	2.616	2.631	2.647	2.662

SPANISH

LOW GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	19.054	20.390	21.819	23.349	24.985	26.737	26.915	27.949	29.022	30.136	31.293
AUG	19.744	21.128	22.609	24.194	25.890	27.705	27.890	28.961	30.073	31.227	32.426
SEP	18.728	20.041	21.446	22.949	24.558	26.279	26.454	27.469	28.523	29.618	30.755
OCT	17.310	18.523	19.822	21.211	22.698	24.290	24.451	25.389	26.364	27.376	28.426
NOV	18.336	19.621	20.997	22.469	24.044	25.729	25.901	26.895	27.928	29.000	30.113
DEC	19.047	20.382	21.811	23.340	24.976	26.727	26.906	27.939	29.011	30.125	31.282
JAN	18.694	20.004	21.407	22.907	24.513	26.232	26.407	27.421	28.473	29.567	30.702
FEB	17.461	18.685	19.995	21.396	22.896	24.501	24.665	25.612	26.595	27.616	28.676
MAR	17.520	18.748	20.062	21.469	22.974	24.584	24.749	25.700	26.687	27.712	28.777
APR	16.183	17.317	18.531	19.830	21.221	22.708	22.871	23.754	24.672	25.625	26.615
MAY	16.636	17.802	19.050	20.386	21.815	23.344	23.511	24.419	25.362	26.342	27.360
JUN	17.758	19.003	20.335	21.760	23.286	24.918	25.097	26.067	27.074	28.120	29.207
SUM	216.471	231.646	247.884	265.261	283.855	303.754	305.817	317.575	329.785	342.464	355.631
MAX	19.744	21.128	22.609	24.194	25.890	27.705	27.890	28.961	30.073	31.227	32.426

GROWTH RATE (%): Sawvel and Associates (1996-2003)
Adjusted to Reflect Low Scenario

LEVAN — LOW GROWTH SCENARIO

FISCAL YEAR: MW — Based on the Avg of 2002 & 2003

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	0.302%	0.602%	0.449%	0.596%	0.444%	0.590%	0.517%	0.517%	0.517%	0.517%
AUG	0.317%	0.475%	0.630%	0.469%	0.467%	0.465%	0.466%	0.466%	0.466%	0.466%
SEP	0.533%	0.531%	0.528%	0.262%	0.524%	0.521%	0.522%	0.522%	0.522%	0.522%
OCT	0.403%	0.402%	0.600%	0.596%	0.395%	0.591%	0.493%	0.493%	0.493%	0.493%
NOV	0.343%	0.513%	0.510%	0.508%	0.505%	0.503%	0.504%	0.504%	0.504%	0.504%
DEC	0.486%	0.484%	0.482%	0.479%	0.636%	0.474%	0.555%	0.555%	0.555%	0.555%
JAN	0.329%	0.493%	0.490%	0.650%	0.485%	0.482%	0.483%	0.483%	0.483%	0.483%
FEB	0.353%	0.527%	0.524%	0.522%	0.519%	0.516%	0.518%	0.518%	0.518%	0.518%
MAR	0.398%	0.396%	0.592%	0.588%	0.390%	0.583%	0.486%	0.486%	0.486%	0.486%
APR	0.544%	0.542%	0.539%	0.536%	0.533%	0.530%	0.531%	0.531%	0.531%	0.531%
MAY	0.522%	0.519%	0.516%	0.513%	0.511%	0.508%	0.510%	0.510%	0.510%	0.510%
JUN	0.577%	0.574%	0.428%	0.568%	0.424%	0.563%	0.493%	0.493%	0.493%	0.493%

MANTI — LOW GROWTH SCENARIO

FISCAL YEAR: MW — Avg of 2002 & 2003

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	0.234%	0.508%	0.503%	0.498%	0.493%	0.503%	0.498%	0.498%	0.498%	0.498%
AUG	0.240%	0.510%	0.488%	0.500%	0.495%	0.507%	0.501%	0.501%	0.501%	0.501%
SEP	0.234%	0.519%	0.495%	0.508%	0.485%	0.498%	0.492%	0.492%	0.492%	0.492%
OCT	0.225%	0.524%	0.499%	0.494%	0.490%	0.504%	0.497%	0.497%	0.497%	0.497%
NOV	0.477%	0.508%	0.503%	0.498%	0.493%	0.488%	0.491%	0.491%	0.491%	0.491%
DEC	0.460%	0.507%	0.502%	0.497%	0.508%	0.503%	0.505%	0.505%	0.505%	0.505%
JAN	0.460%	0.508%	0.503%	0.498%	0.493%	0.505%	0.499%	0.499%	0.499%	0.499%
FEB	0.473%	0.505%	0.500%	0.495%	0.507%	0.502%	0.505%	0.505%	0.505%	0.505%
MAR	0.452%	0.507%	0.521%	0.496%	0.491%	0.505%	0.498%	0.498%	0.498%	0.498%
APR	0.515%	0.509%	0.485%	0.499%	0.494%	0.508%	0.501%	0.501%	0.501%	0.501%
MAY	0.505%	0.517%	0.494%	0.490%	0.502%	0.497%	0.499%	0.499%	0.499%	0.499%
JUN	0.515%	0.494%	0.505%	0.484%	0.511%	0.490%	0.500%	0.500%	0.500%	0.500%

NEPHI — LOW GROWTH SCENARIO

FISCAL YEAR: MW — Avg of 2002 & 2003

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	1.003%	0.993%	1.000%	0.990%	1.014%	0.987%	1.000%	1.000%	1.000%	1.000%
AUG	1.007%	0.997%	0.987%	0.995%	1.003%	1.010%	1.006%	1.006%	1.006%	1.006%
SEP	0.991%	1.001%	0.991%	1.001%	1.011%	1.001%	1.006%	1.006%	1.006%	1.006%
OCT	1.006%	0.996%	1.003%	0.895%	1.097%	1.005%	1.051%	1.051%	1.051%	1.051%
NOV	1.009%	0.999%	0.989%	0.994%	0.999%	1.003%	1.001%	1.001%	1.001%	1.001%
DEC	1.008%	0.998%	1.001%	0.991%	0.995%	1.011%	1.003%	1.003%	1.003%	1.003%
JAN	1.000%	1.003%	0.993%	0.996%	0.999%	1.002%	1.001%	1.001%	1.001%	1.001%
FEB	0.999%	1.003%	0.994%	0.997%	1.001%	1.005%	1.003%	1.003%	1.003%	1.003%
MAR	0.999%	1.004%	0.994%	0.985%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%
APR	0.996%	1.003%	0.993%	0.999%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%
MAY	0.991%	0.998%	0.988%	1.010%	1.000%	1.005%	1.002%	1.002%	1.002%	1.002%
JUN	1.010%	1.000%	0.990%	0.998%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%

PROVO LOW GROWTH SCENARIO

FISCAL YEAR: MW

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.828%	0.826%	0.811%	0.811%	0.797%	0.795%	0.796%	0.796%	0.796%	0.796%
AUG	0.831%	0.830%	0.815%	0.814%	0.800%	0.799%	0.799%	0.799%	0.799%	0.799%
SEP	0.814%	0.814%	0.798%	0.797%	0.784%	0.783%	0.784%	0.784%	0.784%	0.784%
OCT	0.800%	0.800%	0.784%	0.785%	0.771%	0.770%	0.771%	0.771%	0.771%	0.771%
NOV	0.812%	0.811%	0.796%	0.796%	0.782%	0.781%	0.782%	0.782%	0.782%	0.782%
DEC	0.826%	0.824%	0.810%	0.808%	0.795%	0.794%	0.794%	0.794%	0.794%	0.794%
JAN	0.824%	0.824%	0.809%	0.807%	0.795%	0.793%	0.794%	0.794%	0.794%	0.794%
FEB	0.825%	0.825%	0.809%	0.809%	0.795%	0.793%	0.794%	0.794%	0.794%	0.794%
MAR	0.816%	0.816%	0.800%	0.799%	0.786%	0.785%	0.786%	0.786%	0.786%	0.786%
APR	0.800%	0.784%	0.785%	0.771%	0.771%	0.801%	0.786%	0.786%	0.786%	0.786%
MAY	0.817%	0.802%	0.801%	0.788%	0.787%	0.814%	0.800%	0.800%	0.800%	0.800%
JUN	0.829%	0.814%	0.814%	0.800%	0.799%	0.823%	0.811%	0.811%	0.811%	0.811%

SALEM LOW GROWTH SCENARIO

FISCAL YEAR: MW

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.380%	0.380%	0.380%	0.380%	0.380%	0.795%	0.587%	0.587%	0.587%	0.587%
AUG	0.380%	0.380%	0.380%	0.380%	0.380%	0.825%	0.602%	0.602%	0.602%	0.602%
SEP	0.380%	0.380%	0.380%	0.380%	0.380%	0.825%	0.602%	0.602%	0.602%	0.602%
OCT	0.380%	0.380%	0.380%	0.380%	0.380%	0.798%	0.589%	0.589%	0.589%	0.589%
NOV	0.380%	0.380%	0.380%	0.380%	0.380%	0.805%	0.593%	0.593%	0.593%	0.593%
DEC	0.380%	0.380%	0.380%	0.380%	0.380%	0.803%	0.591%	0.591%	0.591%	0.591%
JAN	0.380%	0.380%	0.380%	0.380%	0.380%	0.773%	0.577%	0.577%	0.577%	0.577%
FEB	0.380%	0.380%	0.380%	0.380%	0.380%	0.801%	0.591%	0.591%	0.591%	0.591%
MAR	0.380%	0.380%	0.380%	0.380%	0.380%	0.784%	0.582%	0.582%	0.582%	0.582%
APR	0.380%	0.380%	0.380%	0.380%	0.380%	0.986%	0.683%	0.683%	0.683%	0.683%
MAY	0.380%	0.380%	0.380%	0.380%	0.380%	0.991%	0.686%	0.686%	0.686%	0.686%
JUN	0.380%	0.380%	0.380%	0.380%	0.380%	1.012%	0.696%	0.696%	0.696%	0.696%

Note: Adjusted Power Manager growth rate is used for FY 1998 through FY 2002.
Adjusted Sawvel and Associates growth rate is used for FY 2003

SPANISH LOW GROWTH SCENARIO

FISCAL YEAR: MW

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	7.010%	7.010%	7.010%	7.010%	7.010%	0.669%	3.839%	3.839%	3.839%	3.839%
AUG	7.010%	7.010%	7.010%	7.010%	7.010%	0.668%	3.839%	3.839%	3.839%	3.839%
SEP	7.010%	7.010%	7.010%	7.010%	7.010%	0.665%	3.838%	3.838%	3.838%	3.838%
OCT	7.010%	7.010%	7.010%	7.010%	7.010%	0.665%	3.838%	3.838%	3.838%	3.838%
NOV	7.010%	7.010%	7.010%	7.010%	7.010%	0.668%	3.839%	3.839%	3.839%	3.839%
DEC	7.010%	7.010%	7.010%	7.010%	7.010%	0.669%	3.839%	3.839%	3.839%	3.839%
JAN	7.010%	7.010%	7.010%	7.010%	7.010%	0.668%	3.839%	3.839%	3.839%	3.839%
FEB	7.010%	7.010%	7.010%	7.010%	7.010%	0.668%	3.839%	3.839%	3.839%	3.839%
MAR	7.010%	7.010%	7.010%	7.010%	7.010%	0.672%	3.841%	3.841%	3.841%	3.841%
APR	7.010%	7.010%	7.010%	7.010%	7.010%	0.716%	3.863%	3.863%	3.863%	3.863%
MAY	7.010%	7.010%	7.010%	7.010%	7.010%	0.716%	3.863%	3.863%	3.863%	3.863%
JUN	7.010%	7.010%	7.010%	7.010%	7.010%	0.718%	3.864%	3.864%	3.864%	3.864%

Note: Adjusted Power Manager growth rate is used for FY 1998 through FY 2002.
Adjusted Sawvel and Associates growth rate is used for FY 2003

UMPA FORECAST ESTIMATE
Low Growth Scenario

C:\..\Forecast\FY98-02\Low
13-Sep-96

FISCAL YEAR MWh

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	73,008.882	74,287.491	75,626.536	77,022.062	78,486.846	80,017.758	80,658.820	81,793.403	82,956.957	84,150.530	85,375.216
AUG	75,337.915	76,689.981	78,107.051	79,585.244	81,137.958	82,762.198	83,426.141	84,622.339	85,849.575	87,108.980	88,401.731
SEP	65,477.969	66,665.044	67,910.089	69,210.051	70,576.500	72,007.168	72,578.147	73,625.234	74,699.850	75,803.003	76,935.745
OCT	63,607.108	64,775.819	66,002.451	67,283.392	68,630.744	70,042.208	70,597.059	71,626.137	72,682.526	73,767.230	74,881.297
NOV	63,339.247	64,506.643	65,731.647	67,011.536	68,357.514	69,770.517	70,322.293	71,350.587	72,406.183	73,490.088	74,603.345
DEC	69,366.713	70,642.863	71,981.444	73,379.284	74,848.727	76,387.442	77,001.657	78,128.022	79,284.089	80,470.945	81,689.723
JAN	70,900.155	72,205.910	73,575.206	75,004.585	76,506.825	78,079.329	78,712.208	79,865.787	81,049.668	82,264.958	83,512.810
FEB	63,561.396	64,689.599	65,871.956	67,105.395	68,400.917	69,756.187	70,312.708	71,312.002	72,337.145	73,389.079	74,468.784
MAR	64,264.148	65,425.775	66,643.512	67,914.166	69,249.154	70,646.043	71,213.889	72,241.210	73,295.302	74,377.142	75,487.748
APR	58,788.733	59,833.493	60,922.398	62,065.271	63,259.808	64,516.268	65,027.482	65,951.658	66,899.849	67,872.935	68,871.828
MAY	60,925.487	62,015.491	63,151.372	64,343.448	65,589.226	66,899.478	67,433.997	68,398.449	69,387.953	70,403.424	71,445.813
JUN	66,950.939	68,108.657	69,313.022	70,575.325	71,892.312	73,275.729	73,863.452	74,892.679	75,947.945	77,030.191	78,140.395
	795,528.692	809,846.765	824,836.684	840,499.760	856,936.532	874,160.325	881,147.852	893,807.506	906,797.041	920,128.506	933,814.435

UMPA GROWTH FORECAST
BASED ON: J.S. SAWVEL'S GROWTH RATES (FY 1998-2003)
ADJUSTED TO REFLECT LOW SCENARIO

C:\..\Forecast\FY98-02\Low
13-Sep-96

LEVAN	1.01818

LOW GROWTH SCENARIO
MWh

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	379.041	380.936	382.841	384.755	386.679	388.612	390.556	392.509	394.472	396.444	398.427
AUG	365.741	367.570	369.408	371.255	373.111	374.977	376.851	378.735	380.629	382.532	384.445
SEP	166.246	167.077	167.913	168.753	169.596	170.444	171.297	172.153	173.014	173.879	174.749
OCT	186.197	187.127	188.062	189.003	189.948	190.897	191.852	192.811	193.775	194.744	195.718
NOV	222.770	223.884	225.003	226.128	227.259	228.394	229.537	230.685	231.839	232.998	234.163
DEC	275.969	277.349	278.735	280.129	281.530	282.937	284.352	285.774	287.203	288.639	290.082
JAN	272.644	274.007	275.377	276.754	278.138	279.529	280.926	282.330	283.741	285.160	286.585
FEB	226.095	227.225	228.361	229.503	230.650	231.804	232.963	234.127	235.298	236.475	237.657
MAR	222.770	223.884	225.003	226.128	227.259	228.394	229.537	230.685	231.839	232.998	234.163
APR	237.250	238.437	239.629	240.827	242.031	243.241	244.457	245.680	246.908	248.142	249.383
MAY	400.986	402.991	405.006	407.031	409.066	411.111	413.167	415.233	417.309	419.395	421.492
JUN	374.253	376.125	378.006	379.896	381.795	383.705	385.623	387.551	389.489	391.436	393.393
	3,329.962	3,346.612	3,363.344	3,380.161	3,397.063	3,414.046	3,431.118	3,448.274	3,465.515	3,482.843	3,500.257

MANTI	1.00000

LOW GROWTH SCENARIO
MWh

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	1,257.344	1,263.631	1,269.949	1,276.299	1,282.680	1,289.094	1,295.539	1,302.016	1,308.527	1,315.069	1,321.644
AUG	1,227.408	1,233.545	1,239.712	1,245.911	1,252.141	1,258.402	1,264.693	1,271.017	1,277.372	1,283.759	1,290.178
SEP	1,152.565	1,158.328	1,164.120	1,169.940	1,175.790	1,181.669	1,187.577	1,193.515	1,199.483	1,205.480	1,211.508
OCT	1,167.533	1,173.371	1,179.238	1,185.134	1,191.059	1,197.015	1,203.000	1,209.015	1,215.060	1,221.135	1,227.241
NOV	1,257.344	1,263.631	1,269.949	1,276.299	1,282.680	1,289.094	1,295.539	1,302.016	1,308.527	1,315.069	1,321.644
DEC	1,466.901	1,474.236	1,481.607	1,489.015	1,496.460	1,503.942	1,511.462	1,519.019	1,526.614	1,534.247	1,541.919
JAN	1,481.869	1,489.279	1,496.725	1,504.209	1,511.729	1,519.288	1,526.885	1,534.519	1,542.192	1,549.903	1,557.652
FEB	1,257.344	1,263.631	1,269.949	1,276.299	1,282.680	1,289.094	1,295.539	1,302.016	1,308.527	1,315.069	1,321.644
MAR	1,242.375	1,248.587	1,254.830	1,261.104	1,267.410	1,273.747	1,280.115	1,286.516	1,292.948	1,299.413	1,305.910
APR	1,118.737	1,124.331	1,129.952	1,135.602	1,141.280	1,146.987	1,152.722	1,158.485	1,164.278	1,170.099	1,175.950
MAY	1,148.972	1,154.717	1,160.490	1,166.293	1,172.125	1,177.985	1,183.875	1,189.795	1,195.744	1,201.723	1,207.731
JUN	1,224.563	1,230.686	1,236.839	1,243.024	1,249.238	1,255.485	1,261.762	1,268.072	1,274.412	1,280.784	1,287.188
	15,002.955	15,077.972	15,153.361	15,229.128	15,305.273	15,381.800	15,458.708	15,536.002	15,613.682	15,691.751	15,770.210

NEPHI	1.00000

LOW GROWTH SCENARIO
MWh

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	3,108.895	3,139.983	3,171.383	3,203.097	3,235.129	3,267.479	3,300.154	3,333.156	3,366.487	3,400.151	3,434.153
AUG	3,108.895	3,139.983	3,171.383	3,203.097	3,235.129	3,267.479	3,300.154	3,333.156	3,366.487	3,400.151	3,434.153
SEP	2,494.346	2,519.289	2,544.483	2,569.928	2,595.626	2,621.583	2,647.799	2,674.277	2,701.020	2,728.031	2,755.312
OCT	2,458.195	2,482.778	2,507.605	2,532.681	2,558.008	2,583.588	2,609.424	2,635.518	2,661.873	2,688.491	2,715.376
NOV	2,964.295	2,993.938	3,023.878	3,054.116	3,084.657	3,115.504	3,146.659	3,178.126	3,209.908	3,242.007	3,274.427
DEC	3,651.143	3,687.655	3,724.531	3,761.777	3,799.394	3,837.389	3,875.762	3,914.519	3,953.664	3,993.201	4,033.132
JAN	3,723.444	3,760.678	3,798.285	3,836.267	3,874.631	3,913.376	3,952.511	3,992.036	4,031.956	4,072.276	4,112.999
FEB	3,145.044	3,176.495	3,208.260	3,240.343	3,272.745	3,305.473	3,338.528	3,371.914	3,405.633	3,439.690	3,474.087
MAR	2,964.295	2,993.938	3,023.878	3,054.116	3,084.657	3,115.504	3,146.659	3,178.126	3,209.908	3,242.007	3,274.427
APR	2,738.358	2,765.742	2,793.399	2,821.333	2,849.547	2,878.042	2,906.823	2,935.891	2,965.250	2,994.903	3,024.852
MAY	2,957.426	2,987.001	3,016.870	3,047.039	3,077.509	3,108.286	3,139.367	3,170.761	3,202.468	3,234.492	3,266.837
JUN	2,920.915	2,950.124	2,979.626	3,009.422	3,039.516	3,069.911	3,100.611	3,131.617	3,162.933	3,194.562	3,226.508
	36,235.251	36,597.605	36,963.580	37,333.217	37,706.550	38,083.614	38,464.451	38,849.096	39,237.587	39,629.963	40,026.263

PROVO

LOW GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	57,366.119	57,852.506	58,342.474	58,827.801	59,316.675	59,801.031	60,288.896	60,780.966	61,277.052	61,777.187	62,281.404
AUG	58,881.298	59,381.945	59,886.283	60,385.827	60,889.025	61,387.556	61,889.704	62,396.194	62,906.829	63,421.642	63,940.669
SEP	51,197.898	51,626.813	52,058.870	52,486.899	52,918.038	53,345.255	53,775.552	54,209.506	54,646.962	55,087.948	55,532.493
OCT	49,360.202	49,773.567	50,190.230	50,602.471	51,017.980	51,429.711	51,844.410	52,262.632	52,684.228	53,109.224	53,537.649
NOV	48,425.120	48,832.011	49,241.888	49,647.926	50,056.919	50,465.063	50,870.362	51,282.028	51,697.025	52,115.380	52,537.120
DEC	52,540.635	52,988.587	53,439.845	53,886.800	54,337.027	54,783.065	55,232.341	55,685.516	56,142.408	56,603.049	57,067.470
JAN	53,808.335	54,272.290	54,739.686	55,202.562	55,668.843	56,130.723	56,595.972	57,065.311	57,538.542	58,015.698	58,496.810
FEB	48,930.180	49,341.824	49,756.490	50,167.268	50,581.036	50,991.020	51,403.965	51,820.437	52,240.282	52,663.530	53,090.206
MAR	49,585.314	50,007.779	50,433.361	50,854.887	51,279.499	51,700.164	52,123.882	52,551.273	52,982.169	53,416.597	53,854.588
APR	45,494.195	45,873.402	46,249.092	46,627.507	47,002.498	47,380.188	47,761.005	48,144.836	48,531.752	48,921.777	49,314.937
MAY	46,899.586	47,295.526	47,687.733	48,082.799	48,474.231	48,868.495	49,266.043	49,666.786	50,070.789	50,478.079	50,888.681
JUN	52,702.287	53,149.217	53,591.908	54,037.833	54,479.633	54,924.633	55,373.351	55,825.693	56,281.730	56,741.493	57,205.011
	615,191.169	620,395.466	625,617.859	630,810.581	636,021.403	641,206.904	646,425.484	651,691.178	656,999.768	662,351.605	667,747.040

SALEM

LOW GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	989.483	994.381	999.303	1,004.250	1,009.221	1,014.216	1,024.359	1,032.016	1,039.731	1,047.503	1,055.333
AUG	1,064.573	1,069.843	1,075.138	1,080.460	1,085.809	1,091.183	1,102.095	1,110.333	1,118.632	1,126.993	1,135.417
SEP	901.914	906.378	910.865	915.374	919.905	924.458	933.703	940.682	947.714	954.798	961.935
OCT	904.981	909.461	913.962	918.487	923.033	927.602	936.878	943.881	950.937	958.045	965.206
NOV	949.718	954.419	959.143	963.891	968.663	973.457	983.192	990.542	997.946	1,005.406	1,012.922
DEC	1,136.065	1,141.689	1,147.340	1,153.019	1,158.727	1,164.462	1,176.107	1,184.898	1,193.755	1,202.678	1,211.668
JAN	1,148.863	1,154.550	1,160.265	1,166.008	1,171.780	1,177.580	1,189.356	1,198.246	1,207.203	1,216.227	1,225.318
FEB	1,098.733	1,104.172	1,109.637	1,115.130	1,120.650	1,126.197	1,137.459	1,145.961	1,154.527	1,163.157	1,171.852
MAR	1,015.394	1,020.420	1,025.471	1,030.547	1,035.649	1,040.775	1,051.183	1,059.041	1,066.957	1,074.933	1,082.968
APR	896.193	900.629	905.087	909.567	914.070	918.594	927.780	934.715	941.702	948.741	955.832
MAY	877.517	881.861	886.226	890.613	895.021	899.452	908.446	915.237	922.079	928.971	935.915
JUN	863.921	868.197	872.495	876.814	881.154	885.516	894.372	901.057	907.793	914.579	921.416
	11,847.355	11,905.999	11,964.934	12,024.161	12,083.680	12,143.494	12,264.930	12,356.610	12,448.976	12,542.032	12,635.784

SPANISH

LOW GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	9,908.000	10,656.054	11,460.586	12,325.860	13,256.463	14,257.326	14,359.316	14,952.741	15,570.689	16,214.176	16,884.255
AUG	10,690.000	11,497.095	12,365.126	13,298.693	14,302.744	15,382.601	15,492.643	16,132.905	16,799.626	17,493.902	18,216.869
SEP	9,565.000	10,287.158	11,063.838	11,899.158	12,797.544	13,763.759	13,862.219	14,435.100	15,031.656	15,652.867	16,299.749
OCT	9,530.000	10,249.515	11,023.353	11,855.617	12,750.716	13,713.395	13,811.495	14,382.279	14,976.653	15,595.590	16,240.106
NOV	9,520.000	10,238.760	11,011.786	11,843.176	12,737.336	13,699.005	13,797.003	14,367.189	14,960.940	15,579.228	16,223.068
DEC	10,296.000	11,073.348	11,909.386	12,808.544	13,775.590	14,815.647	14,921.632	15,538.296	16,180.445	16,849.131	17,545.452
JAN	10,465.000	11,255.108	12,104.868	13,018.786	14,001.704	15,058.833	15,166.558	15,793.344	16,446.033	17,125.695	17,833.446
FEB	8,904.000	9,576.252	10,299.259	11,076.853	11,913.155	12,812.599	12,904.255	13,437.546	13,992.877	14,571.158	15,173.337
MAR	9,234.000	9,931.167	10,680.970	11,487.383	12,354.681	13,287.459	13,382.512	13,935.569	14,511.481	15,111.194	15,735.691
APR	8,304.000	8,930.952	9,605.239	10,330.434	11,110.382	11,949.216	12,034.696	12,532.051	13,049.960	13,589.273	14,150.874
MAY	8,641.000	9,293.396	9,995.047	10,749.673	11,561.273	12,434.149	12,523.098	13,040.637	13,579.565	14,140.764	14,725.157
JUN	8,865.000	9,534.308	10,254.148	11,028.336	11,860.975	12,756.479	12,847.734	13,378.690	13,931.588	14,507.336	15,106.878
	113,922.000	122,523.111	131,773.606	141,722.513	152,422.563	163,930.466	165,103.161	171,926.347	179,031.513	186,430.313	194,134.882

GROWTH RATE (%): Sawvel and Associates (1996-2003)
Adjusted to Reflect Low Scenario

LEVAN — LOW GROWTH SCENARIO

FISCAL YEAR: — MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
AUG	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
SEP	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
OCT	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
NOV	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
DEC	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JAN	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
FEB	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAR	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
APR	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAY	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JUN	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%

MANTI — LOW GROWTH SCENARIO

FISCAL YEAR: — MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
AUG	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
SEP	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
OCT	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
NOV	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
DEC	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JAN	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
FEB	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAR	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
APR	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAY	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JUN	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%

NEPHI — LOW GROWTH SCENARIO

FISCAL YEAR: — MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
AUG	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
SEP	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
OCT	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
NOV	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
DEC	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JAN	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
FEB	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAR	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
APR	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAY	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JUN	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%

PROVO LOW GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.848%	0.847%	0.832%	0.831%	0.817%	0.816%	0.816%	0.816%	0.816%	0.816%
AUG	0.850%	0.849%	0.834%	0.833%	0.819%	0.818%	0.818%	0.818%	0.818%	0.818%
SEP	0.838%	0.837%	0.822%	0.821%	0.807%	0.807%	0.807%	0.807%	0.807%	0.807%
OCT	0.837%	0.837%	0.821%	0.821%	0.807%	0.806%	0.807%	0.807%	0.807%	0.807%
NOV	0.840%	0.839%	0.825%	0.824%	0.815%	0.803%	0.809%	0.809%	0.809%	0.809%
DEC	0.853%	0.852%	0.836%	0.836%	0.821%	0.820%	0.820%	0.820%	0.820%	0.820%
JAN	0.862%	0.861%	0.846%	0.845%	0.830%	0.829%	0.829%	0.829%	0.829%	0.829%
FEB	0.841%	0.840%	0.826%	0.825%	0.811%	0.810%	0.810%	0.810%	0.810%	0.810%
MAR	0.852%	0.851%	0.836%	0.835%	0.820%	0.820%	0.820%	0.820%	0.820%	0.820%
APR	0.834%	0.819%	0.818%	0.804%	0.804%	0.804%	0.804%	0.804%	0.804%	0.804%
MAY	0.844%	0.829%	0.828%	0.814%	0.813%	0.814%	0.813%	0.813%	0.813%	0.813%
JUN	0.848%	0.833%	0.832%	0.818%	0.817%	0.817%	0.817%	0.817%	0.817%	0.817%

SALEM LOW GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.748%	0.748%	0.748%	0.748%
AUG	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.747%	0.747%	0.747%	0.747%
SEP	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.747%	0.747%	0.747%	0.747%
OCT	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.747%	0.747%	0.747%	0.747%
NOV	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.748%	0.748%	0.748%	0.748%
DEC	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.747%	0.747%	0.747%	0.747%
JAN	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.747%	0.747%	0.747%	0.747%
FEB	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.747%	0.747%	0.747%	0.747%
MAR	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.748%	0.748%	0.748%	0.748%
APR	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.747%	0.747%	0.747%	0.747%
MAY	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.748%	0.748%	0.748%	0.748%
JUN	0.495%	0.495%	0.495%	0.495%	0.495%	1.000%	0.748%	0.748%	0.748%	0.748%

Note: Adjusted Power Manager growth rate is used for FY 1998 through FY 2002.
Adjusted Sawvel and Associates growth rate is used for FY 2003

SPANISH LOW GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
AUG	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
SEP	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
OCT	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
NOV	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
DEC	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
JAN	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
FEB	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
MAR	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
APR	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
MAY	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%
JUN	7.550%	7.550%	7.550%	7.550%	7.550%	0.715%	4.133%	4.133%	4.133%	4.133%

Note: Adjusted Power Manager growth rate is used for FY 1998 through FY 2002.
Adjusted Sawvel and Associates growth rate is used for FY 2003

UMPA FORECAST ESTIMATE
Base Growth Rate

C:\..\Forecast\FY98-02\Base
12-Sep-96

FISCAL YEAR MW

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	146.785	150.537	154.453	158.523	162.775	167.205	170.088	173.914	177.849	181.898	186.064
AUG	151.054	154.937	158.989	163.200	167.600	172.184	175.168	179.127	183.199	187.390	191.703
SEP	138.483	142.064	145.806	149.695	153.762	158.003	160.722	164.365	168.114	171.972	175.943
OCT	122.740	125.928	129.262	132.733	136.359	140.156	142.538	145.773	149.104	152.533	156.063
NOV	125.957	129.268	132.730	136.336	140.113	144.057	146.510	149.862	153.313	156.867	160.528
DEC	131.669	135.131	138.749	142.520	146.465	150.587	153.162	156.671	160.283	164.004	167.836
JAN	130.420	133.835	137.407	141.127	145.021	149.087	151.633	155.097	158.663	162.335	166.118
FEB	130.302	133.646	137.139	140.770	144.566	148.526	151.071	154.475	157.977	161.581	165.292
MAR	121.391	124.576	127.908	131.380	135.012	138.805	141.175	144.404	147.728	151.151	154.678
APR	115.798	118.794	121.911	125.167	128.564	132.122	134.407	137.468	140.618	143.861	147.202
MAY	126.851	130.084	133.444	136.950	140.602	144.422	146.935	150.249	153.658	157.167	160.779
JUN	144.320	147.959	151.731	155.665	159.756	164.029	166.913	170.655	174.503	178.461	182.533
SUM	1,585.769	1,626.760	1,669.529	1,714.067	1,760.596	1,809.186	1,840.322	1,882.058	1,925.009	1,969.220	2,014.738
MAX	151.054	154.937	158.989	163.200	167.600	172.184	175.168	179.127	183.199	187.390	191.703

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

LEVAN	1.01818

BASE GROWTH SCENARIO
MW

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	0.656	0.658	0.662	0.665	0.669	0.672	0.676	0.679	0.683	0.686	0.690
AUG	0.624	0.626	0.629	0.633	0.636	0.639	0.642	0.645	0.648	0.651	0.654
SEP	0.372	0.374	0.376	0.378	0.379	0.381	0.383	0.385	0.387	0.389	0.391
OCT	0.491	0.493	0.495	0.498	0.501	0.503	0.506	0.508	0.511	0.513	0.516
NOV	0.577	0.579	0.582	0.585	0.588	0.591	0.594	0.597	0.600	0.603	0.606
DEC	0.611	0.614	0.617	0.620	0.623	0.627	0.630	0.633	0.637	0.640	0.644
JAN	0.601	0.603	0.606	0.609	0.613	0.616	0.619	0.622	0.625	0.628	0.631
FEB	0.561	0.563	0.566	0.569	0.572	0.575	0.578	0.581	0.584	0.587	0.590
MAR	0.498	0.500	0.502	0.505	0.508	0.510	0.513	0.515	0.518	0.520	0.523
APR	0.546	0.549	0.552	0.555	0.558	0.561	0.564	0.567	0.570	0.573	0.576
MAY	0.760	0.764	0.767	0.771	0.775	0.779	0.783	0.787	0.791	0.795	0.799
JUN	0.686	0.690	0.694	0.697	0.701	0.704	0.708	0.712	0.715	0.719	0.722
SUM	6.982	7.011	7.047	7.084	7.121	7.156	7.194	7.230	7.267	7.303	7.340
MAX	0.760	0.764	0.767	0.771	0.775	0.779	0.783	0.787	0.791	0.795	0.799

MANTI	1.00000

BASE GROWTH SCENARIO
MW

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	3.256	3.286	3.320	3.353	3.387	3.420	3.454	3.489	3.524	3.559	3.594
AUG	2.764	2.791	2.819	2.847	2.875	2.903	2.933	2.962	2.992	3.022	3.052
SEP	2.628	2.653	2.680	2.707	2.734	2.761	2.788	2.816	2.843	2.871	2.899
OCT	2.508	2.531	2.557	2.583	2.608	2.634	2.660	2.687	2.713	2.740	2.768
NOV	2.680	2.706	2.733	2.761	2.788	2.816	2.843	2.871	2.899	2.928	2.956
DEC	2.882	2.909	2.938	2.967	2.997	3.027	3.058	3.089	3.120	3.152	3.183
JAN	2.778	2.804	2.832	2.861	2.889	2.917	2.947	2.976	3.006	3.036	3.066
FEB	2.699	2.725	2.752	2.780	2.807	2.836	2.864	2.893	2.922	2.952	2.981
MAR	2.498	2.521	2.546	2.573	2.598	2.624	2.650	2.677	2.703	2.730	2.758
APR	2.481	2.507	2.532	2.557	2.582	2.608	2.634	2.661	2.687	2.714	2.742
MAY	2.823	2.851	2.881	2.909	2.938	2.967	2.997	3.027	3.057	3.087	3.118
JUN	3.050	3.081	3.112	3.143	3.174	3.206	3.238	3.270	3.303	3.336	3.369
SUM	33.047	33.362	33.702	34.039	34.377	34.719	35.067	35.417	35.770	36.127	36.487
MAX	3.256	3.286	3.320	3.353	3.387	3.420	3.454	3.489	3.524	3.559	3.594

NEPHI	1.00000

BASE GROWTH SCENARIO
MW

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	5.682	5.739	5.796	5.854	5.912	5.972	6.031	6.091	6.152	6.214	6.276
AUG	5.461	5.516	5.571	5.626	5.682	5.739	5.797	5.855	5.914	5.974	6.034
SEP	4.857	4.905	4.954	5.003	5.053	5.105	5.156	5.208	5.260	5.313	5.366
OCT	5.859	5.918	5.977	6.037	6.091	6.158	6.220	6.285	6.351	6.418	6.485
NOV	6.522	6.588	6.654	6.719	6.786	6.854	6.923	6.992	7.062	7.133	7.204
DEC	7.214	7.287	7.359	7.433	7.507	7.581	7.658	7.735	7.812	7.891	7.970
JAN	7.369	7.443	7.517	7.592	7.668	7.744	7.822	7.900	7.979	8.059	8.140
FEB	6.978	7.048	7.118	7.189	7.261	7.334	7.407	7.482	7.557	7.632	7.709
MAR	6.294	6.357	6.421	6.485	6.548	6.614	6.680	6.747	6.814	6.883	6.951
APR	5.917	5.976	6.036	6.096	6.157	6.219	6.280	6.343	6.407	6.471	6.535
MAY	6.044	6.104	6.165	6.226	6.289	6.351	6.415	6.480	6.545	6.610	6.676
JUN	5.448	5.503	5.558	5.613	5.669	5.726	5.783	5.841	5.899	5.958	6.018
SUM	73.645	74.383	75.126	75.873	76.622	77.397	78.172	78.958	79.752	80.554	81.364
MAX	7.369	7.443	7.517	7.592	7.668	7.744	7.822	7.900	7.979	8.059	8.140

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

PROVO

BASE GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	115.977	118.097	120.254	122.432	124.649	126.889	129.167	131.487	133.849	136.253	138.700
AUG	120.205	122.406	124.646	126.908	129.210	131.536	133.902	136.312	138.764	141.261	143.803
SEP	109.719	111.709	113.735	115.780	117.861	119.964	122.103	124.281	126.498	128.754	131.051
OCT	94.654	96.358	98.092	99.842	101.624	103.424	105.255	107.119	109.016	110.946	112.911
NOV	95.553	97.284	99.046	100.825	102.636	104.465	106.326	108.220	110.149	112.111	114.109
DEC	99.384	101.199	103.045	104.910	106.807	108.724	110.674	112.660	114.681	116.739	118.833
JAN	98.555	100.353	102.183	104.032	105.912	107.813	109.746	111.715	113.719	115.759	117.835
FEB	100.253	102.083	103.946	105.826	107.740	109.674	111.641	113.644	115.683	117.759	119.872
MAR	92.384	94.062	95.770	97.494	99.248	101.021	102.824	104.660	106.529	108.431	110.367
APR	88.851	90.450	92.064	93.707	95.367	97.056	98.804	100.569	102.365	104.193	106.054
MAY	98.797	100.592	102.405	104.249	106.113	108.009	109.968	111.948	113.963	116.015	118.103
JUN	115.388	117.499	119.630	121.800	123.992	126.222	128.523	130.850	133.220	135.632	138.088
SUM	1,229.720	1,252.092	1,274.816	1,297.805	1,321.159	1,344.797	1,368.933	1,393.464	1,418.435	1,443.853	1,469.726
MAX	120.205	122.406	124.646	126.908	129.210	131.536	133.902	136.312	138.764	141.261	143.803

SALEM

BASE GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	2.160	2.176	2.193	2.210	2.226	2.243	2.284	2.313	2.342	2.372	2.403
AUG	2.256	2.273	2.290	2.308	2.325	2.343	2.386	2.417	2.448	2.480	2.512
SEP	2.179	2.196	2.212	2.229	2.246	2.263	2.304	2.334	2.364	2.395	2.426
OCT	1.918	1.933	1.947	1.962	1.977	1.992	2.028	2.054	2.080	2.107	2.134
NOV	2.289	2.306	2.324	2.342	2.359	2.377	2.420	2.451	2.483	2.515	2.547
DEC	2.531	2.550	2.570	2.589	2.609	2.629	2.676	2.710	2.745	2.780	2.816
JAN	2.423	2.441	2.460	2.479	2.498	2.516	2.561	2.594	2.626	2.660	2.693
FEB	2.350	2.368	2.386	2.404	2.422	2.441	2.485	2.516	2.549	2.581	2.614
MAR	2.197	2.214	2.231	2.247	2.265	2.282	2.322	2.352	2.382	2.412	2.443
APR	1.820	1.834	1.848	1.862	1.876	1.890	1.928	1.954	1.981	2.008	2.036
MAY	1.791	1.805	1.818	1.832	1.846	1.860	1.897	1.923	1.950	1.977	2.004
JUN	1.990	2.005	2.020	2.036	2.051	2.067	2.108	2.138	2.167	2.197	2.228
SUM	25.904	26.101	26.299	26.499	26.701	26.903	27.399	27.756	28.117	28.483	28.854
MAX	2.531	2.550	2.570	2.589	2.609	2.629	2.676	2.710	2.745	2.780	2.816

SPANISH

BASE GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	19.054	20.580	22.229	24.009	25.932	28.010	28.477	29.855	31.300	32.814	34.402
AUG	19.744	21.325	23.034	24.879	26.871	29.024	29.508	30.936	32.433	34.002	35.648
SEP	18.728	20.228	21.848	23.598	25.489	27.530	27.989	29.343	30.762	32.250	33.811
OCT	17.310	18.697	20.194	21.812	23.559	25.446	25.870	27.121	28.433	29.809	31.251
NOV	18.336	19.805	21.391	23.104	24.955	26.954	27.404	28.730	30.120	31.577	33.106
DEC	19.047	20.573	22.221	24.000	25.923	27.999	28.466	29.844	31.288	32.802	34.390
JAN	18.694	20.191	21.809	23.556	25.442	27.480	27.939	29.291	30.708	32.194	33.752
FEB	17.461	18.860	20.370	22.002	23.764	25.668	26.096	27.359	28.682	30.070	31.525
MAR	17.520	18.923	20.439	22.076	23.845	25.755	26.185	27.453	28.782	30.175	31.636
APR	16.183	17.479	18.879	20.392	22.025	23.789	24.197	25.374	26.608	27.902	29.259
MAY	16.636	17.969	19.408	20.962	22.641	24.455	24.875	26.084	27.353	28.683	30.078
JUN	17.758	19.180	20.717	22.376	24.169	26.104	26.553	27.844	29.199	30.619	32.108
SUM	216.471	233.810	252.539	272.767	294.615	318.214	323.558	339.234	355.668	372.899	390.965
MAX	19.744	21.325	23.034	24.879	26.871	29.024	29.508	30.936	32.433	34.002	35.648

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

GROWTH RATE (%): J.S. Sawvel (1996-2003)

LEVAN — BASE GROWTH SCENARIO — MW

FISCAL YEAR:	1996	1997	1998	1999	2000	2001	2002	2003	Based on the Avg of 2002 & 2003 2004	2005	2006	2007
JUL		0.761%	0.302%	0.602%	0.449%	0.596%	0.444%	0.590%	0.517%	0.517%	0.517%	0.517%
AUG		0.800%	0.317%	0.475%	0.630%	0.469%	0.467%	0.465%	0.466%	0.466%	0.466%	0.466%
SEP		0.536%	0.533%	0.531%	0.528%	0.262%	0.524%	0.521%	0.522%	0.522%	0.522%	0.522%
OCT		0.609%	0.403%	0.402%	0.600%	0.596%	0.395%	0.591%	0.493%	0.493%	0.493%	0.493%
NOV		0.691%	0.343%	0.513%	0.510%	0.508%	0.505%	0.503%	0.504%	0.504%	0.504%	0.504%
DEC		0.653%	0.486%	0.484%	0.482%	0.479%	0.636%	0.474%	0.555%	0.555%	0.555%	0.555%
JAN		0.663%	0.329%	0.493%	0.490%	0.650%	0.485%	0.482%	0.483%	0.483%	0.483%	0.483%
FEB		0.710%	0.353%	0.527%	0.524%	0.522%	0.519%	0.516%	0.518%	0.518%	0.518%	0.518%
MAR		0.802%	0.398%	0.396%	0.592%	0.588%	0.390%	0.583%	0.486%	0.486%	0.486%	0.486%
APR		0.364%	0.544%	0.542%	0.539%	0.536%	0.533%	0.530%	0.531%	0.531%	0.531%	0.531%
MAY		0.393%	0.522%	0.519%	0.516%	0.513%	0.511%	0.508%	0.510%	0.510%	0.510%	0.510%
JUN		0.289%	0.577%	0.574%	0.428%	0.568%	0.424%	0.563%	0.493%	0.493%	0.493%	0.493%

MANTI — BASE GROWTH SCENARIO — MW

FISCAL YEAR:	1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL		3.561%	0.935%	1.016%	1.006%	0.996%	0.986%	1.005%	0.996%	0.996%	0.996%	0.996%
AUG		3.532%	0.959%	1.021%	0.976%	1.001%	0.991%	1.015%	1.003%	1.003%	1.003%	1.003%
SEP		3.562%	0.935%	1.037%	0.990%	1.016%	0.970%	0.996%	0.983%	0.983%	0.983%	0.983%
OCT		3.570%	0.901%	1.048%	0.999%	0.989%	0.979%	1.007%	0.993%	0.993%	0.993%	0.993%
NOV		3.569%	0.953%	1.017%	1.006%	0.996%	0.987%	0.977%	0.982%	0.982%	0.982%	0.982%
DEC		3.565%	0.920%	1.013%	1.003%	0.993%	1.016%	1.006%	1.011%	1.011%	1.011%	1.011%
JAN		3.590%	0.919%	1.016%	1.006%	0.996%	0.986%	1.010%	0.998%	0.998%	0.998%	0.998%
FEB		3.542%	0.946%	1.009%	0.999%	0.989%	1.015%	1.005%	1.010%	1.010%	1.010%	1.010%
MAR		3.585%	0.904%	1.013%	1.042%	0.993%	0.983%	1.011%	0.997%	0.997%	0.997%	0.997%
APR		0.919%	1.029%	1.019%	0.970%	0.999%	0.989%	1.017%	1.003%	1.003%	1.003%	1.003%
MAY		0.913%	1.009%	1.033%	0.989%	0.979%	1.003%	0.993%	0.998%	0.998%	0.998%	0.998%
JUN		0.943%	1.031%	0.988%	1.010%	0.969%	1.021%	0.980%	1.001%	1.001%	1.001%	1.001%

NEPHI — BASE GROWTH SCENARIO — MW

FISCAL YEAR:	1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL		0.907%	1.003%	0.993%	1.000%	0.990%	1.014%	0.987%	1.000%	1.000%	1.000%	1.000%
AUG		0.908%	1.007%	0.997%	0.987%	0.995%	1.003%	1.010%	1.006%	1.006%	1.006%	1.006%
SEP		0.919%	0.991%	1.001%	0.991%	1.001%	1.011%	1.001%	1.006%	1.006%	1.006%	1.006%
OCT		0.914%	1.006%	0.996%	1.003%	0.895%	1.097%	1.005%	1.051%	1.051%	1.051%	1.051%
NOV		0.912%	1.009%	0.999%	0.989%	0.994%	0.999%	1.003%	1.001%	1.001%	1.001%	1.001%
DEC		0.907%	1.008%	0.998%	1.001%	0.991%	0.995%	1.011%	1.003%	1.003%	1.003%	1.003%
JAN		0.915%	1.000%	1.003%	0.993%	0.996%	0.999%	1.002%	1.001%	1.001%	1.001%	1.001%
FEB		0.909%	0.999%	1.003%	0.994%	0.997%	1.001%	1.005%	1.003%	1.003%	1.003%	1.003%
MAR		0.914%	0.999%	1.004%	0.994%	0.985%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%
APR		1.006%	0.996%	1.003%	0.993%	0.999%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%
MAY		1.001%	0.991%	0.998%	0.988%	1.010%	1.000%	1.005%	1.002%	1.002%	1.002%	1.002%
JUN		1.002%	1.010%	1.000%	0.990%	0.998%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

PROVO

BASE GROWTH SCENARIO

FISCAL YEAR:

MW

1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	2.429%	1.828%	1.826%	1.811%	1.811%	1.797%	1.795%	1.796%	1.796%	1.796%	1.796%
AUG	2.436%	1.831%	1.830%	1.815%	1.814%	1.800%	1.799%	1.799%	1.799%	1.799%	1.799%
SEP	2.400%	1.814%	1.814%	1.798%	1.797%	1.784%	1.783%	1.784%	1.784%	1.784%	1.784%
OCT	2.373%	1.800%	1.800%	1.784%	1.785%	1.771%	1.770%	1.771%	1.771%	1.771%	1.771%
NOV	2.397%	1.812%	1.811%	1.796%	1.796%	1.782%	1.781%	1.782%	1.782%	1.782%	1.782%
DEC	2.425%	1.826%	1.824%	1.810%	1.808%	1.795%	1.794%	1.794%	1.794%	1.794%	1.794%
JAN	2.424%	1.824%	1.824%	1.809%	1.807%	1.795%	1.793%	1.794%	1.794%	1.794%	1.794%
FEB	2.424%	1.825%	1.825%	1.809%	1.809%	1.795%	1.793%	1.794%	1.794%	1.794%	1.794%
MAR	2.405%	1.816%	1.816%	1.800%	1.799%	1.786%	1.785%	1.786%	1.786%	1.786%	1.786%
APR	1.800%	1.800%	1.784%	1.785%	1.771%	1.771%	1.801%	1.786%	1.786%	1.786%	1.786%
MAY	1.818%	1.817%	1.802%	1.801%	1.788%	1.787%	1.814%	1.800%	1.800%	1.800%	1.800%
JUN	1.831%	1.829%	1.814%	1.814%	1.800%	1.799%	1.823%	1.811%	1.811%	1.811%	1.811%

SALEM

BASE GROWTH SCENARIO

FISCAL YEAR:

MW

1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	2.414%	0.760%	0.760%	0.760%	0.760%	0.760%	1.795%	1.277%	1.277%	1.277%	1.277%
AUG	2.404%	0.760%	0.760%	0.760%	0.760%	0.760%	1.825%	1.292%	1.292%	1.292%	1.292%
SEP	2.386%	0.760%	0.760%	0.760%	0.760%	0.760%	1.825%	1.292%	1.292%	1.292%	1.292%
OCT	2.408%	0.760%	0.760%	0.760%	0.760%	0.760%	1.798%	1.279%	1.279%	1.279%	1.279%
NOV	2.420%	0.760%	0.760%	0.760%	0.760%	0.760%	1.805%	1.283%	1.283%	1.283%	1.283%
DEC	2.409%	0.760%	0.760%	0.760%	0.760%	0.760%	1.803%	1.281%	1.281%	1.281%	1.281%
JAN	2.405%	0.760%	0.760%	0.760%	0.760%	0.760%	1.773%	1.267%	1.267%	1.267%	1.267%
FEB	2.414%	0.760%	0.760%	0.760%	0.760%	0.760%	1.801%	1.281%	1.281%	1.281%	1.281%
MAR	2.368%	0.760%	0.760%	0.760%	0.760%	0.760%	1.784%	1.272%	1.272%	1.272%	1.272%
APR	2.100%	0.760%	0.760%	0.760%	0.760%	0.760%	1.986%	1.373%	1.373%	1.373%	1.373%
MAY	2.100%	0.760%	0.760%	0.760%	0.760%	0.760%	1.991%	1.376%	1.376%	1.376%	1.376%
JUN	2.131%	0.760%	0.760%	0.760%	0.760%	0.760%	2.012%	1.386%	1.386%	1.386%	1.386%

Note: Power Manager growth rate is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate is used for FY 2003

SPANISH

BASE GROWTH SCENARIO

FISCAL YEAR:

MW

1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	2.105%	8.010%	8.010%	8.010%	8.010%	8.010%	1.669%	4.839%	4.839%	4.839%	4.839%
AUG	2.109%	8.010%	8.010%	8.010%	8.010%	8.010%	1.668%	4.839%	4.839%	4.839%	4.839%
SEP	2.106%	8.010%	8.010%	8.010%	8.010%	8.010%	1.665%	4.838%	4.838%	4.838%	4.838%
OCT	2.106%	8.010%	8.010%	8.010%	8.010%	8.010%	1.665%	4.838%	4.838%	4.838%	4.838%
NOV	2.107%	8.010%	8.010%	8.010%	8.010%	8.010%	1.668%	4.839%	4.839%	4.839%	4.839%
DEC	2.105%	8.010%	8.010%	8.010%	8.010%	8.010%	1.669%	4.839%	4.839%	4.839%	4.839%
JAN	2.112%	8.010%	8.010%	8.010%	8.010%	8.010%	1.668%	4.839%	4.839%	4.839%	4.839%
FEB	2.108%	8.010%	8.010%	8.010%	8.010%	8.010%	1.668%	4.839%	4.839%	4.839%	4.839%
MAR	2.107%	8.010%	8.010%	8.010%	8.010%	8.010%	1.672%	4.841%	4.841%	4.841%	4.841%
APR	1.957%	8.010%	8.010%	8.010%	8.010%	8.010%	1.716%	4.863%	4.863%	4.863%	4.863%
MAY	1.960%	8.010%	8.010%	8.010%	8.010%	8.010%	1.716%	4.863%	4.863%	4.863%	4.863%
JUN	1.960%	8.010%	8.010%	8.010%	8.010%	8.010%	1.718%	4.864%	4.864%	4.864%	4.864%

Note: Power Manager growth rate is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate is used for FY 2003

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

UMPA FORECAST ESTIMATE
Base Growth Rate

C:\..\Forecast\FY98-02\Base
12-Sep-96

FISCAL YEAR MWh

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	73,008.882	74,971.417	77,025.966	79,170.651	81,420.696	83,775.333	85,240.900	87,246.392	89,313.708	91,445.292	93,643.703
AUG	75,337.915	77,397.100	79,554.566	81,808.665	84,175.422	86,654.385	88,173.035	90,273.156	92,438.887	94,672.845	96,977.770
SEP	65,477.969	67,282.900	69,175.047	71,153.352	73,231.723	75,410.171	76,728.083	78,565.691	80,461.165	82,416.830	84,435.123
OCT	63,607.108	65,375.038	67,229.588	69,169.122	71,208.069	73,346.400	74,626.840	76,424.439	78,279.087	80,193.091	82,168.865
NOV	63,339.247	65,097.082	66,940.992	68,870.234	70,898.324	73,028.587	74,296.148	76,082.900	77,926.448	79,829.092	81,793.241
DEC	69,366.713	71,284.188	73,295.071	75,398.332	77,608.823	79,926.662	81,319.453	83,270.351	85,283.074	87,360.118	89,504.099
JAN	70,900.155	72,861.740	74,918.564	77,069.347	79,329.419	81,698.672	83,127.936	85,124.859	87,184.973	89,310.825	91,505.081
FEB	63,561.396	65,279.666	67,079.723	68,960.354	70,934.743	73,002.681	74,272.920	76,026.285	77,834.218	79,698.895	81,622.596
MAR	64,264.148	66,025.207	67,870.813	69,799.698	71,825.545	73,948.116	75,241.826	77,036.946	78,888.370	80,798.355	82,769.261
APR	58,788.733	60,381.505	62,044.008	63,787.862	65,612.611	67,530.802	68,703.918	70,327.821	72,002.375	73,729.607	75,511.636
MA	60,925.487	62,580.986	64,308.962	66,121.604	68,018.338	70,012.320	71,230.424	72,917.941	74,658.200	76,453.313	78,305.487
JUN	66,950.939	68,734.729	70,593.723	72,541.148	74,575.726	76,711.680	78,052.946	79,877.691	81,758.289	83,696.938	85,695.934
	795,528.692	817,271.558	840,037.025	863,850.367	888,839.439	915,045.808	931,014.429	953,174.472	976,028.793	999,605.202	1,023,932.796

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

LEVAN	1.01818

BASE GROWTH SCENARIO
MWh

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	379.041	380.936	382.841	384.755	386.679	388.612	390.556	392.509	394.472	396.444	398.427
AUG	365.741	367.570	369.408	371.255	373.111	374.977	376.851	378.735	380.629	382.532	384.445
SEP	166.246	167.077	167.913	168.753	169.596	170.444	171.297	172.153	173.014	173.879	174.749
OCT	186.197	187.127	188.062	189.003	189.948	190.897	191.852	192.811	193.775	194.744	195.718
NOV	222.770	223.884	225.003	226.128	227.259	228.394	229.537	230.685	231.839	232.998	234.163
DEC	275.969	277.349	278.735	280.129	281.530	282.937	284.352	285.774	287.203	288.639	290.082
JAN	272.644	274.007	275.377	276.754	278.138	279.529	280.926	282.330	283.741	285.160	286.585
FEB	226.095	227.225	228.361	229.503	230.650	231.804	232.963	234.127	235.298	236.475	237.657
MA	222.770	223.884	225.003	226.128	227.259	228.394	229.537	230.685	231.839	232.998	234.163
APR	237.250	238.437	239.629	240.827	242.031	243.241	244.457	245.680	246.908	248.142	249.383
MA	400.986	402.991	405.006	407.031	409.066	411.111	413.167	415.233	417.309	419.395	421.492
JUN	374.253	376.125	378.006	379.896	381.795	383.705	385.623	387.551	389.489	391.436	393.393
	3,329.962	3,346.612	3,363.344	3,380.161	3,397.063	3,414.046	3,431.118	3,448.274	3,465.515	3,482.843	3,500.257

MANTI	1.00000

BASE GROWTH SCENARIO
MWh

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	1,257.344	1,269.918	1,282.617	1,295.443	1,308.397	1,321.482	1,334.696	1,348.043	1,361.523	1,375.138	1,388.889
AUG	1,227.408	1,239.681	1,252.078	1,264.600	1,277.245	1,290.018	1,302.918	1,315.947	1,329.107	1,342.398	1,355.822
SEP	1,152.565	1,164.092	1,175.732	1,187.489	1,199.365	1,211.358	1,223.472	1,235.706	1,248.063	1,260.544	1,273.149
OCT	1,167.533	1,179.209	1,191.001	1,202.910	1,214.940	1,227.089	1,239.360	1,251.754	1,264.271	1,276.914	1,289.683
NOV	1,257.344	1,269.918	1,282.617	1,295.443	1,308.397	1,321.482	1,334.696	1,348.043	1,361.523	1,375.138	1,388.889
DEC	1,466.901	1,481.571	1,496.386	1,511.350	1,526.464	1,541.728	1,557.146	1,572.717	1,588.444	1,604.328	1,620.372
JAN	1,481.869	1,496.688	1,511.655	1,526.772	1,542.039	1,557.459	1,573.034	1,588.764	1,604.652	1,620.699	1,636.906
FEB	1,257.344	1,269.918	1,282.617	1,295.443	1,308.397	1,321.482	1,334.696	1,348.043	1,361.523	1,375.138	1,388.889
MA	1,242.375	1,254.799	1,267.347	1,280.020	1,292.821	1,305.749	1,318.806	1,331.994	1,345.314	1,358.767	1,372.354
APR	1,118.737	1,129.925	1,141.223	1,152.636	1,164.162	1,175.804	1,187.562	1,199.438	1,211.432	1,223.547	1,235.782
MA	1,148.972	1,160.462	1,172.066	1,183.787	1,195.625	1,207.581	1,219.658	1,231.854	1,244.173	1,256.615	1,269.181
JUN	1,224.563	1,236.809	1,249.177	1,261.669	1,274.285	1,287.029	1,299.899	1,312.898	1,326.028	1,339.288	1,352.682
	15,002.955	15,152.988	15,304.517	15,457.563	15,612.137	15,768.260	15,925.941	16,085.201	16,246.053	16,408.514	16,572.600

NEPHI	1.00000

BASE GROWTH SCENARIO
MWh

FISCAL YEAR:	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	3,108.895	3,139.983	3,171.383	3,203.097	3,235.129	3,267.479	3,300.154	3,333.156	3,366.487	3,400.151	3,434.153
AUG	3,108.895	3,139.983	3,171.383	3,203.097	3,235.129	3,267.479	3,300.154	3,333.156	3,366.487	3,400.151	3,434.153
SEP	2,494.346	2,519.289	2,544.483	2,569.928	2,595.626	2,621.583	2,647.799	2,674.277	2,701.020	2,728.031	2,755.312
OCT	2,458.195	2,482.778	2,507.605	2,532.681	2,558.008	2,583.588	2,609.424	2,635.518	2,661.873	2,688.491	2,715.376
NOV	2,964.295	2,993.938	3,023.878	3,054.116	3,084.657	3,115.504	3,146.659	3,178.126	3,209.908	3,242.007	3,274.427
DEC	3,651.143	3,687.655	3,724.531	3,761.777	3,799.394	3,837.389	3,875.762	3,914.519	3,953.664	3,993.201	4,033.132
JAN	3,723.444	3,760.678	3,798.285	3,836.267	3,874.631	3,913.376	3,952.511	3,992.036	4,031.956	4,072.276	4,112.999
FEB	3,145.044	3,176.495	3,208.260	3,240.343	3,272.745	3,305.473	3,338.528	3,371.914	3,405.633	3,439.690	3,474.087
MA	2,964.295	2,993.938	3,023.878	3,054.116	3,084.657	3,115.504	3,146.659	3,178.126	3,209.908	3,242.007	3,274.427
APR	2,738.358	2,765.742	2,793.399	2,821.333	2,849.547	2,878.042	2,906.823	2,935.891	2,965.250	2,994.903	3,024.852
MA	2,957.426	2,987.001	3,016.870	3,047.039	3,077.509	3,108.286	3,139.367	3,170.761	3,202.468	3,234.492	3,266.837
JUN	2,920.915	2,950.124	2,979.626	3,009.422	3,039.516	3,069.911	3,100.611	3,131.617	3,162.933	3,194.562	3,226.508
	36,235.251	36,597.605	36,963.580	37,333.217	37,706.550	38,083.614	38,464.451	38,849.096	39,237.587	39,629.963	40,026.263

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

PROVO

BASE GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	57,366.119	58,426.167	59,505.255	60,595.308	61,704.823	62,825.728	63,966.526	65,128.277	66,311.129	67,515.462	68,741.669
AUG	58,881.298	59,970.758	61,079.804	62,200.102	63,340.420	64,492.426	65,664.896	66,858.930	68,074.676	69,312.529	70,572.890
SEP	51,197.898	52,138.792	53,096.522	54,064.047	55,048.782	56,043.689	57,056.189	58,087.179	59,136.798	60,205.384	61,293.278
OCT	49,360.202	50,267.169	51,190.636	52,123.000	53,072.224	54,031.256	55,007.245	56,001.054	57,012.817	58,042.860	59,091.513
NOV	48,425.120	49,316.262	50,223.366	51,139.731	52,072.411	53,017.712	53,973.690	54,950.206	55,944.389	56,956.560	57,987.043
DEC	52,540.635	53,513.993	54,504.866	55,505.777	56,524.588	57,553.829	58,601.367	59,668.197	60,754.449	61,860.476	62,986.638
JAN	53,808.335	54,810.373	55,830.507	56,860.912	57,909.810	58,969.381	60,047.853	61,146.296	62,264.833	63,403.831	64,563.664
FEB	48,930.180	49,831.126	50,748.215	51,674.663	52,617.610	53,570.278	54,539.813	55,527.089	56,532.237	57,555.580	58,597.447
MA	49,585.314	50,503.632	51,438.470	52,382.782	53,343.979	54,315.019	55,303.318	56,309.812	57,334.624	58,378.087	59,440.541
APR	45,494.195	46,328.344	47,171.043	48,028.712	48,895.259	49,777.111	50,674.964	51,588.963	52,519.447	53,466.714	54,431.067
MA	46,899.586	47,764.522	48,638.263	49,527.587	50,426.056	51,340.456	52,271.518	53,219.424	54,184.519	55,167.116	56,167.531
JUN	52,702.287	53,676.240	54,660.083	55,661.497	56,673.186	57,702.836	58,751.279	59,818.728	60,905.572	62,012.162	63,138.858
	615,191.169	626,547.378	638,087.030	649,764.118	661,629.148	673,639.721	685,858.658	698,304.155	710,975.490	723,876.761	737,012.140

SALEM

BASE GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	989.483	999.279	1,009.172	1,019.163	1,029.252	1,039.442	1,060.231	1,076.082	1,092.169	1,108.497	1,125.070
AUG	1,064.573	1,075.112	1,085.756	1,096.505	1,107.360	1,118.323	1,140.689	1,157.742	1,175.050	1,192.617	1,210.446
SEP	901.914	910.843	919.860	928.967	938.164	947.452	966.400	980.848	995.512	1,010.395	1,025.500
OCT	904.981	913.940	922.988	932.126	941.354	950.673	969.687	984.184	998.897	1,013.831	1,028.987
NOV	949.718	959.120	968.615	978.205	987.889	997.669	1,017.623	1,032.837	1,048.278	1,063.950	1,079.856
DEC	1,136.065	1,147.312	1,158.670	1,170.141	1,181.726	1,193.425	1,217.293	1,235.491	1,253.962	1,272.708	1,291.735
JAN	1,148.863	1,160.237	1,171.723	1,183.323	1,195.038	1,206.869	1,231.006	1,249.410	1,268.088	1,287.046	1,306.287
FEB	1,098.733	1,109.610	1,120.596	1,131.689	1,142.893	1,154.208	1,177.292	1,194.892	1,212.756	1,230.886	1,249.288
MA	1,015.394	1,025.446	1,035.598	1,045.851	1,056.205	1,066.661	1,087.995	1,104.260	1,120.769	1,137.525	1,154.531
APR	896.193	905.065	914.025	923.074	932.213	941.442	960.270	974.626	989.196	1,003.985	1,018.994
MA	877.517	886.204	894.978	903.838	912.786	921.823	940.259	954.316	968.583	983.064	997.761
JUN	863.921	872.474	881.111	889.834	898.644	907.540	925.692	939.531	953.578	967.834	982.304
	11,847.355	11,964.644	12,083.094	12,202.716	12,323.523	12,445.526	12,694.437	12,884.219	13,076.838	13,272.337	13,470.759

SPANISH

BASE GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	9,908.000	10,755.134	11,674.698	12,672.885	13,756.416	14,932.590	15,188.737	15,968.326	16,787.929	17,649.599	18,555.496
AUG	10,690.000	11,603.995	12,596.137	13,673.106	14,842.157	16,111.161	16,387.526	17,228.646	18,112.938	19,042.617	20,020.014
SEP	9,565.000	10,382.808	11,270.538	12,234.169	13,280.190	14,415.646	14,662.926	15,415.527	16,206.757	17,038.598	17,913.134
OCT	9,530.000	10,344.815	11,229.297	12,189.402	13,231.595	14,362.897	14,609.272	15,359.119	16,147.453	16,976.250	17,847.587
NOV	9,520.000	10,333.960	11,217.514	12,176.611	13,217.711	14,347.826	14,593.943	15,343.004	16,130.512	16,958.440	17,828.863
DEC	10,296.000	11,176.308	12,131.882	13,169.158	14,295.121	15,517.354	15,783.533	16,593.652	17,445.352	18,340.766	19,282.139
JAN	10,465.000	11,359.758	12,331.017	13,385.319	14,529.763	15,772.058	16,042.607	16,866.023	17,731.702	18,641.814	19,598.639
FEB	8,904.000	9,665.292	10,491.674	11,388.713	12,362.448	13,419.437	13,649.628	14,350.220	15,086.771	15,861.126	16,675.227
MA	9,234.000	10,023.507	10,880.517	11,810.801	12,820.625	13,916.788	14,155.511	14,882.068	15,645.917	16,448.971	17,293.244
APR	8,304.000	9,013.992	9,784.688	10,621.279	11,529.399	12,515.162	12,729.842	13,383.224	14,070.142	14,792.317	15,551.559
MA	8,641.000	9,379.806	10,181.779	11,052.321	11,997.294	13,023.063	13,246.455	13,926.353	14,641.148	15,392.631	16,182.685
JUN	8,865.000	9,622.958	10,445.720	11,338.829	12,308.299	13,360.659	13,589.843	14,287.366	15,020.691	15,791.655	16,602.190
	113,922.000	123,662.331	134,235.460	145,712.592	158,171.019	171,694.641	174,639.823	183,603.527	193,027.310	202,934.785	213,350.778

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

GROWTH RATE (%): J.S. Sawvel (1996-2003)

LEVAN — BASE GROWTH SCENARIO

FISCAL YEAR: — MWh

	1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
AUG		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
SEP		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
OCT		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
NOV		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
DEC		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JAN		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
FEB		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAR		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
APR		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAY		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JUN		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%

MANTI — BASE GROWTH SCENARIO

FISCAL YEAR: — MWh

	1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
AUG		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
SEP		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
OCT		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
NOV		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
DEC		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JAN		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
FEB		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAR		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
APR		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAY		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JUN		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%

NEPHI — BASE GROWTH SCENARIO

FISCAL YEAR: — MWh

	1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
AUG		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
SEP		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
OCT		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
NOV		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
DEC		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JAN		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
FEB		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAR		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
APR		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAY		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JUN		1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

PROVO

BASE GROWTH SCENARIO

FISCAL YEAR: MWh

1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	2.446%	1.848%	1.847%	1.832%	1.831%	1.817%	1.816%	1.816%	1.816%	1.816%	1.816%
AUG	2.451%	1.850%	1.849%	1.834%	1.833%	1.819%	1.818%	1.818%	1.818%	1.818%	1.818%
SEP	2.422%	1.838%	1.837%	1.822%	1.821%	1.807%	1.807%	1.807%	1.807%	1.807%	1.807%
OCT	2.421%	1.837%	1.837%	1.821%	1.821%	1.807%	1.806%	1.807%	1.807%	1.807%	1.807%
NOV	2.428%	1.840%	1.839%	1.825%	1.824%	1.815%	1.803%	1.809%	1.809%	1.809%	1.809%
DEC	2.457%	1.853%	1.852%	1.836%	1.836%	1.821%	1.820%	1.820%	1.820%	1.820%	1.820%
JAN	2.480%	1.862%	1.861%	1.846%	1.845%	1.830%	1.829%	1.829%	1.829%	1.829%	1.829%
FEB	2.430%	1.841%	1.840%	1.826%	1.825%	1.811%	1.810%	1.810%	1.810%	1.810%	1.810%
MAR	2.455%	1.852%	1.851%	1.836%	1.835%	1.820%	1.820%	1.820%	1.820%	1.820%	1.820%
APR	1.834%	1.834%	1.819%	1.818%	1.804%	1.804%	1.804%	1.804%	1.804%	1.804%	1.804%
MAY	1.845%	1.844%	1.829%	1.828%	1.814%	1.813%	1.814%	1.813%	1.813%	1.813%	1.813%
JUN	1.849%	1.848%	1.833%	1.832%	1.818%	1.817%	1.817%	1.817%	1.817%	1.817%	1.817%

SALEM

BASE GROWTH SCENARIO

FISCAL YEAR: MWh

1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
AUG	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
SEP	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
OCT	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
NOV	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
DEC	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
JAN	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
FEB	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
MAR	2.600%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
APR	2.300%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
MAY	2.300%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
JUN	2.300%	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%

Note: Power Manager growth rate is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate is used for FY 2003

SPANISH

BASE GROWTH SCENARIO

FISCAL YEAR: MWh

1996	1997	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
AUG	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
SEP	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
OCT	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
NOV	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
DEC	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
JAN	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
FEB	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
MAR	2.167%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
APR	2.011%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
MAY	2.011%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%
JUN	2.011%	8.550%	8.550%	8.550%	8.550%	8.550%	1.715%	5.133%	5.133%	5.133%	5.133%

Note: Power Manager growth rate is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate is used for FY 2003

Sawvel & Associates' High Forecast equals Base Forecast for Levan, Manti, Nephi, Salem.

UMPA FORECAST ESTIMATE
High Growth Rate

C:\..\Forecast\FY98-02\High
12-Sep-96

FISCAL YEAR

MW

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	146.785	155.640	165.146	172.439	180.013	186.921	192.137	198.582	205.289	212.271	219.542
AUG	151.054	160.223	170.063	177.610	185.448	192.596	197.992	204.661	211.602	218.827	226.352
SEP	138.483	146.922	156.061	163.040	170.294	176.927	181.893	188.063	194.487	201.176	208.144
OCT	122.740	130.155	138.316	144.506	150.942	156.868	161.243	166.726	172.437	178.387	184.589
NOV	125.957	133.541	141.982	148.351	154.986	161.108	165.589	171.236	177.121	183.253	189.647
DEC	131.669	139.561	148.340	154.969	161.873	168.244	172.913	178.793	184.920	191.305	197.961
JAN	130.420	138.225	146.890	153.439	160.259	166.547	171.164	176.971	183.021	189.325	195.897
FEB	130.302	138.080	146.540	152.995	159.705	165.854	170.451	176.167	182.117	188.314	194.769
MAR	121.391	128.699	136.812	142.944	149.327	155.212	159.532	164.967	170.629	176.530	182.681
APR	115.798	122.761	130.413	136.221	142.264	147.819	151.946	157.099	162.467	168.060	173.890
MAY	126.851	134.451	142.652	148.929	155.452	161.413	165.911	171.472	177.262	183.290	189.570
JUN	144.320	153.011	162.196	169.292	176.653	183.336	188.467	194.743	201.272	208.065	215.137
SUM	1,585.769	1,681.271	1,785.412	1,864.736	1,947.216	2,022.846	2,079.239	2,149.482	2,222.622	2,298.804	2,378.180
MAX	151.054	160.223	170.063	177.610	185.448	192.596	197.992	204.661	211.602	218.827	226.352

LEVAN 1.01818

HIGH GROWTH SCENARIO

MW

FISCAL YEAR: (Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL 0.656	0.658	0.662	0.665	0.669	0.672	0.676	0.679	0.683	0.686	0.690
AUG 0.624	0.626	0.629	0.633	0.636	0.639	0.642	0.645	0.648	0.651	0.654
SEP 0.372	0.374	0.376	0.378	0.379	0.381	0.383	0.385	0.387	0.389	0.391
OCT 0.491	0.493	0.495	0.498	0.501	0.503	0.506	0.508	0.511	0.513	0.516
NOV 0.577	0.579	0.582	0.585	0.588	0.591	0.594	0.597	0.600	0.603	0.606
DEC 0.611	0.614	0.617	0.620	0.623	0.627	0.630	0.633	0.637	0.640	0.644
JAN 0.601	0.603	0.606	0.609	0.613	0.616	0.619	0.622	0.625	0.628	0.631
FEB 0.561	0.563	0.566	0.569	0.572	0.575	0.578	0.581	0.584	0.587	0.590
MAR 0.498	0.500	0.502	0.505	0.508	0.510	0.513	0.515	0.518	0.520	0.523
APR 0.546	0.549	0.552	0.555	0.558	0.561	0.564	0.567	0.570	0.573	0.576
MAY 0.760	0.764	0.767	0.771	0.775	0.779	0.783	0.787	0.791	0.795	0.799
JUN 0.686	0.690	0.694	0.697	0.701	0.704	0.708	0.712	0.715	0.719	0.722
SUM 6.982	7.011	7.047	7.084	7.121	7.156	7.194	7.230	7.267	7.303	7.340
MAX 0.760	0.764	0.767	0.771	0.775	0.779	0.783	0.787	0.791	0.795	0.799

MANTI 1.00000

HIGH GROWTH SCENARIO

MW

FISCAL YEAR: (Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL 3.256	3.286	3.320	3.353	3.387	3.420	3.454	3.489	3.524	3.559	3.594
AUG 2.764	2.791	2.819	2.847	2.875	2.903	2.933	2.962	2.992	3.022	3.052
SEP 2.628	2.653	2.680	2.707	2.734	2.761	2.788	2.816	2.843	2.871	2.899
OCT 2.508	2.531	2.557	2.583	2.608	2.634	2.660	2.687	2.713	2.740	2.768
NOV 2.680	2.706	2.733	2.761	2.788	2.816	2.843	2.871	2.899	2.928	2.956
DEC 2.882	2.909	2.938	2.967	2.997	3.027	3.058	3.089	3.120	3.152	3.183
JAN 2.778	2.804	2.832	2.861	2.889	2.917	2.947	2.976	3.006	3.036	3.066
FEB 2.699	2.725	2.752	2.780	2.807	2.836	2.864	2.893	2.922	2.952	2.981
MAR 2.498	2.521	2.546	2.573	2.598	2.624	2.650	2.677	2.703	2.730	2.758
APR 2.481	2.507	2.532	2.557	2.582	2.608	2.634	2.661	2.687	2.714	2.742
MAY 2.823	2.851	2.881	2.909	2.938	2.967	2.997	3.027	3.057	3.087	3.118
JUN 3.050	3.081	3.112	3.143	3.174	3.206	3.238	3.270	3.303	3.336	3.369
SUM 33.047	33.362	33.702	34.039	34.377	34.719	35.067	35.417	35.770	36.127	36.487
MAX 3.256	3.286	3.320	3.353	3.387	3.420	3.454	3.489	3.524	3.559	3.594

NEPHI 1.00000

HIGH GROWTH SCENARIO

MW

FISCAL YEAR: (Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL 5.682	5.739	5.796	5.854	5.912	5.972	6.031	6.091	6.152	6.214	6.276
AUG 5.461	5.516	5.571	5.626	5.682	5.739	5.797	5.855	5.914	5.974	6.034
SEP 4.857	4.905	4.954	5.003	5.053	5.105	5.156	5.208	5.260	5.313	5.366
OCT 5.859	5.918	5.977	6.037	6.091	6.158	6.220	6.285	6.351	6.418	6.485
NOV 6.522	6.588	6.654	6.719	6.786	6.854	6.923	6.992	7.062	7.133	7.204
DEC 7.214	7.287	7.359	7.433	7.507	7.581	7.658	7.735	7.812	7.891	7.970
JAN 7.369	7.443	7.517	7.592	7.668	7.744	7.822	7.900	7.979	8.059	8.140
FEB 6.978	7.048	7.118	7.189	7.261	7.334	7.407	7.482	7.557	7.632	7.709
MAR 6.294	6.357	6.421	6.485	6.548	6.614	6.680	6.747	6.814	6.883	6.951
APR 5.917	5.976	6.036	6.096	6.157	6.219	6.280	6.343	6.407	6.471	6.535
MAY 6.044	6.104	6.165	6.226	6.289	6.351	6.415	6.480	6.545	6.610	6.676
JUN 5.448	5.503	5.558	5.613	5.669	5.726	5.783	5.841	5.899	5.958	6.018
SUM 73.645	74.383	75.126	75.873	76.622	77.397	78.172	78.958	79.752	80.554	81.364
MAX 7.369	7.443	7.517	7.592	7.668	7.744	7.822	7.900	7.979	8.059	8.140

PROVO

HIGH GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	115.977	122.820	127.978	132.713	137.491	141.341	145.298	149.367	153.549	157.848	162.268
AUG	120.205	127.297	132.644	137.551	142.503	146.493	150.595	154.812	159.147	163.603	168.184
SEP	109.719	116.192	121.073	125.552	130.072	133.714	137.458	141.307	145.263	149.331	153.512
OCT	94.654	100.239	104.449	108.313	112.212	115.354	118.584	121.905	125.318	128.827	132.434
NOV	95.553	101.191	105.441	109.342	113.278	116.450	119.711	123.063	126.508	130.051	133.692
DEC	99.384	105.248	109.668	113.726	117.820	121.119	124.510	127.996	131.580	135.265	139.052
JAN	98.555	104.370	108.753	112.777	116.837	120.109	123.472	126.929	130.483	134.136	137.892
FEB	100.253	106.168	110.627	114.720	118.850	122.178	125.599	129.116	132.731	136.447	140.268
MAR	92.384	97.835	101.944	105.716	109.521	112.588	115.740	118.981	122.313	125.737	129.258
APR	88.851	94.093	98.045	101.673	105.333	108.282	111.314	114.431	117.635	120.929	124.315
MAY	98.797	104.626	109.020	113.054	117.124	120.403	123.775	127.240	130.803	134.466	138.231
JUN	115.388	122.196	127.328	132.039	136.793	140.623	144.560	148.608	152.769	157.047	161.444
SUM	1,229.720	1,302.273	1,356.969	1,407.177	1,457.835	1,498.655	1,540.617	1,583.754	1,628.099	1,673.686	1,720.549
MAX	120.205	127.297	132.644	137.551	142.503	146.493	150.595	154.812	159.147	163.603	168.184

SALEM

HIGH GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	2.160	2.176	2.193	2.210	2.226	2.243	2.284	2.313	2.342	2.372	2.403
AUG	2.256	2.273	2.290	2.308	2.325	2.343	2.386	2.417	2.448	2.480	2.512
SEP	2.179	2.196	2.212	2.229	2.246	2.263	2.304	2.334	2.364	2.395	2.426
OCT	1.918	1.933	1.947	1.962	1.977	1.992	2.028	2.054	2.080	2.107	2.134
NOV	2.289	2.306	2.324	2.342	2.359	2.377	2.420	2.451	2.483	2.515	2.547
DEC	2.531	2.550	2.570	2.589	2.609	2.629	2.676	2.710	2.745	2.780	2.816
JAN	2.423	2.441	2.460	2.479	2.498	2.516	2.561	2.594	2.626	2.660	2.693
FEB	2.350	2.368	2.386	2.404	2.422	2.441	2.485	2.516	2.549	2.581	2.614
MAR	2.197	2.214	2.231	2.247	2.265	2.282	2.322	2.352	2.382	2.412	2.443
APR	1.820	1.834	1.848	1.862	1.876	1.890	1.928	1.954	1.981	2.008	2.036
MAY	1.791	1.805	1.818	1.832	1.846	1.860	1.897	1.923	1.950	1.977	2.004
JUN	1.990	2.005	2.020	2.036	2.051	2.067	2.108	2.138	2.167	2.197	2.228
SUM	25.904	26.101	26.299	26.499	26.701	26.903	27.399	27.756	28.117	28.483	28.854
MAX	2.531	2.550	2.570	2.589	2.609	2.629	2.676	2.710	2.745	2.780	2.816

SPANISH

HIGH GROWTH SCENARIO

FISCAL YEAR: MW

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	19.054	20.961	25.198	27.644	30.329	33.273	34.394	36.643	39.040	41.593	44.312
AUG	19.744	21.720	26.110	28.645	31.427	34.478	35.640	37.970	40.453	43.098	45.917
SEP	18.728	20.603	24.766	27.171	29.810	32.704	33.805	36.015	38.369	40.878	43.550
OCT	17.310	19.043	22.891	25.114	27.553	30.228	31.245	33.288	35.464	37.783	40.253
NOV	18.336	20.171	24.248	26.603	29.186	32.020	33.098	35.262	37.568	40.025	42.642
DEC	19.047	20.954	25.188	27.634	30.317	33.261	34.382	36.630	39.025	41.577	44.296
JAN	18.694	20.565	24.722	27.122	29.756	32.645	33.744	35.951	38.302	40.806	43.475
FEB	17.461	19.209	23.091	25.333	27.793	30.492	31.518	33.579	35.775	38.114	40.607
MAR	17.520	19.274	23.169	25.419	27.887	30.595	31.626	33.695	35.899	38.247	40.749
APR	16.183	17.803	21.401	23.479	25.759	28.260	29.225	31.143	33.187	35.365	37.687
MAY	16.636	18.301	22.000	24.136	26.480	29.051	30.043	32.015	34.116	36.355	38.741
JUN	17.758	19.536	23.484	25.764	28.266	31.010	32.070	34.175	36.419	38.809	41.356
SUM	216.471	238.140	286.268	314.064	344.560	378.017	390.791	416.367	443.617	472.651	503.584
MAX	19.744	21.720	26.110	28.645	31.427	34.478	35.640	37.970	40.453	43.098	45.917

GROWTH RATE (%): J.S. Sawvel (1996-2003)

LEVAN — HIGH GROWTH SCENARIO

FISCAL YEAR: — MW — Based on the Avg of 2002 & 2003

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	0.302%	0.602%	0.449%	0.596%	0.444%	0.590%	0.517%	0.517%	0.517%	0.517%
AUG	0.317%	0.475%	0.630%	0.469%	0.467%	0.465%	0.466%	0.466%	0.466%	0.466%
SEP	0.533%	0.531%	0.528%	0.262%	0.524%	0.521%	0.522%	0.522%	0.522%	0.522%
OCT	0.403%	0.402%	0.600%	0.596%	0.395%	0.591%	0.493%	0.493%	0.493%	0.493%
NOV	0.343%	0.513%	0.510%	0.508%	0.505%	0.503%	0.504%	0.504%	0.504%	0.504%
DEC	0.486%	0.484%	0.482%	0.479%	0.636%	0.474%	0.555%	0.555%	0.555%	0.555%
JAN	0.329%	0.493%	0.490%	0.650%	0.485%	0.482%	0.483%	0.483%	0.483%	0.483%
FEB	0.353%	0.527%	0.524%	0.522%	0.519%	0.516%	0.518%	0.518%	0.518%	0.518%
MAR	0.398%	0.396%	0.592%	0.588%	0.390%	0.583%	0.486%	0.486%	0.486%	0.486%
APR	0.544%	0.542%	0.539%	0.536%	0.533%	0.530%	0.531%	0.531%	0.531%	0.531%
MAY	0.522%	0.519%	0.516%	0.513%	0.511%	0.508%	0.510%	0.510%	0.510%	0.510%
JUN	0.577%	0.574%	0.428%	0.568%	0.424%	0.563%	0.493%	0.493%	0.493%	0.493%

MANTI — HIGH GROWTH SCENARIO

FISCAL YEAR: — MW — Avg of 2002 & 2003

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	0.935%	1.016%	1.006%	0.996%	0.986%	1.005%	0.996%	0.996%	0.996%	0.996%
AUG	0.959%	1.021%	0.976%	1.001%	0.991%	1.015%	1.003%	1.003%	1.003%	1.003%
SEP	0.935%	1.037%	0.990%	1.016%	0.970%	0.996%	0.983%	0.983%	0.983%	0.983%
OCT	0.901%	1.048%	0.999%	0.989%	0.979%	1.007%	0.993%	0.993%	0.993%	0.993%
NOV	0.953%	1.017%	1.006%	0.996%	0.987%	0.977%	0.982%	0.982%	0.982%	0.982%
DEC	0.920%	1.013%	1.003%	0.993%	1.016%	1.006%	1.011%	1.011%	1.011%	1.011%
JAN	0.919%	1.016%	1.006%	0.996%	0.986%	1.010%	0.998%	0.998%	0.998%	0.998%
FEB	0.946%	1.009%	0.999%	0.989%	1.015%	1.005%	1.010%	1.010%	1.010%	1.010%
MAR	0.904%	1.013%	1.042%	0.993%	0.983%	1.011%	0.997%	0.997%	0.997%	0.997%
APR	1.029%	1.019%	0.970%	0.999%	0.989%	1.017%	1.003%	1.003%	1.003%	1.003%
MAY	1.009%	1.033%	0.989%	0.979%	1.003%	0.993%	0.998%	0.998%	0.998%	0.998%
JUN	1.031%	0.988%	1.010%	0.969%	1.021%	0.980%	1.001%	1.001%	1.001%	1.001%

NEPHI — HIGH GROWTH SCENARIO

FISCAL YEAR: — MW — Avg of 2002 & 2003

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	1.003%	0.993%	1.000%	0.990%	1.014%	0.987%	1.000%	1.000%	1.000%	1.000%
AUG	1.007%	0.997%	0.987%	0.995%	1.003%	1.010%	1.006%	1.006%	1.006%	1.006%
SEP	0.991%	1.001%	0.991%	1.001%	1.011%	1.001%	1.006%	1.006%	1.006%	1.006%
OCT	1.006%	0.996%	1.003%	0.895%	1.097%	1.005%	1.051%	1.051%	1.051%	1.051%
NOV	1.009%	0.999%	0.989%	0.994%	0.999%	1.003%	1.001%	1.001%	1.001%	1.001%
DEC	1.008%	0.998%	1.001%	0.991%	0.995%	1.011%	1.003%	1.003%	1.003%	1.003%
JAN	1.000%	1.003%	0.993%	0.996%	0.999%	1.002%	1.001%	1.001%	1.001%	1.001%
FEB	0.999%	1.003%	0.994%	0.997%	1.001%	1.005%	1.003%	1.003%	1.003%	1.003%
MAR	0.999%	1.004%	0.994%	0.985%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%
APR	0.996%	1.003%	0.993%	0.999%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%
MAY	0.991%	0.998%	0.988%	1.010%	1.000%	1.005%	1.002%	1.002%	1.002%	1.002%
JUN	1.010%	1.000%	0.990%	0.998%	1.005%	0.995%	1.000%	1.000%	1.000%	1.000%

PROVO HIGH GROWTH SCENARIO

FISCAL YEAR: MW

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
AUG	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
SEP	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
OCT	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
NOV	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
DEC	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
JAN	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
FEB	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
MAR	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
APR	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
MAY	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%
JUN	5.900%	4.200%	3.700%	3.600%	2.800%	2.800%	2.800%	2.800%	2.800%	2.800%

SALEM HIGH GROWTH SCENARIO

FISCAL YEAR: MW

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.760%	0.760%	0.760%	0.760%	0.760%	1.795%	1.277%	1.277%	1.277%	1.277%
AUG	0.760%	0.760%	0.760%	0.760%	0.760%	1.825%	1.292%	1.292%	1.292%	1.292%
SEP	0.760%	0.760%	0.760%	0.760%	0.760%	1.825%	1.292%	1.292%	1.292%	1.292%
OCT	0.760%	0.760%	0.760%	0.760%	0.760%	1.798%	1.279%	1.279%	1.279%	1.279%
NOV	0.760%	0.760%	0.760%	0.760%	0.760%	1.805%	1.283%	1.283%	1.283%	1.283%
DEC	0.760%	0.760%	0.760%	0.760%	0.760%	1.803%	1.281%	1.281%	1.281%	1.281%
JAN	0.760%	0.760%	0.760%	0.760%	0.760%	1.773%	1.267%	1.267%	1.267%	1.267%
FEB	0.760%	0.760%	0.760%	0.760%	0.760%	1.801%	1.281%	1.281%	1.281%	1.281%
MAR	0.760%	0.760%	0.760%	0.760%	0.760%	1.784%	1.272%	1.272%	1.272%	1.272%
APR	0.760%	0.760%	0.760%	0.760%	0.760%	1.986%	1.373%	1.373%	1.373%	1.373%
MAY	0.760%	0.760%	0.760%	0.760%	0.760%	1.991%	1.376%	1.376%	1.376%	1.376%
JUN	0.760%	0.760%	0.760%	0.760%	0.760%	2.012%	1.386%	1.386%	1.386%	1.386%

Note: Power Manager growth rate is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate is used for FY 2003

SPANISH HIGH GROWTH SCENARIO

FISCAL YEAR: MW

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	10.010%	20.210%	9.710%	9.710%	9.710%	3.369%	6.539%	6.539%	6.539%	6.539%
AUG	10.010%	20.210%	9.710%	9.710%	9.710%	3.368%	6.539%	6.539%	6.539%	6.539%
SEP	10.010%	20.210%	9.710%	9.710%	9.710%	3.365%	6.538%	6.538%	6.538%	6.538%
OCT	10.010%	20.210%	9.710%	9.710%	9.710%	3.365%	6.538%	6.538%	6.538%	6.538%
NOV	10.010%	20.210%	9.710%	9.710%	9.710%	3.368%	6.539%	6.539%	6.539%	6.539%
DEC	10.010%	20.210%	9.710%	9.710%	9.710%	3.369%	6.539%	6.539%	6.539%	6.539%
JAN	10.010%	20.210%	9.710%	9.710%	9.710%	3.368%	6.539%	6.539%	6.539%	6.539%
FEB	10.010%	20.210%	9.710%	9.710%	9.710%	3.368%	6.539%	6.539%	6.539%	6.539%
MAR	10.010%	20.210%	9.710%	9.710%	9.710%	3.372%	6.541%	6.541%	6.541%	6.541%
APR	10.010%	20.210%	9.710%	9.710%	9.710%	3.416%	6.563%	6.563%	6.563%	6.563%
MAY	10.010%	20.210%	9.710%	9.710%	9.710%	3.416%	6.563%	6.563%	6.563%	6.563%
JUN	10.010%	20.210%	9.710%	9.710%	9.710%	3.418%	6.564%	6.564%	6.564%	6.564%

Note: Power Manager growth rate plus Adjustment is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate plus Adjustment is used for FY 2003

UMPA FORECAST ESTIMATE
High Growth Rate

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12-Sep-96

FISCAL YEAR MWh

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	73,008.882	77,379.398	82,221.955	86,031.650	89,955.124	93,628.306	96,258.939	99,621.885	103,129.358	106,788.866	110,608.366
AUG	75,337.915	79,877.674	84,964.668	88,944.897	93,049.941	96,905.411	99,636.647	103,153.204	106,822.586	110,652.809	114,652.367
SEP	65,477.969	69,451.586	73,933.558	77,428.983	81,037.091	84,431.981	86,820.710	89,909.986	93,134.450	96,501.231	100,017.882
OCT	63,607.108	67,472.203	71,864.593	75,278.245	78,805.316	82,131.186	84,455.012	87,474.179	90,626.361	93,918.612	97,358.411
NOV	63,339.247	67,156.572	71,511.841	74,891.706	78,385.554	81,684.494	83,983.193	86,974.940	90,098.741	93,361.615	96,771.009
DEC	69,366.713	73,511.566	78,236.157	81,905.476	85,698.022	89,278.693	91,778.778	95,028.186	98,420.667	101,963.822	105,665.708
JAN	70,900.155	75,136.077	79,956.147	83,702.592	87,574.003	91,227.303	93,782.127	97,099.243	100,562.193	104,178.711	107,957.002
FEB	63,561.396	67,345.820	71,587.582	74,907.875	78,332.309	81,549.744	83,833.146	86,769.508	89,833.180	93,030.836	96,369.549
MAR	64,264.148	68,117.932	72,460.555	75,850.452	79,349.110	82,640.930	84,962.996	87,960.968	91,089.723	94,356.145	97,767.535
APR	58,788.733	62,306.605	66,252.707	69,339.751	72,523.979	75,516.060	77,635.681	80,364.656	83,212.165	86,184.427	89,288.033
MA	60,925.487	64,562.146	68,649.980	71,845.022	75,141.506	78,241.055	80,432.259	83,257.138	86,204.913	89,282.043	92,495.373
JUN	66,950.939	70,942.107	75,338.313	78,806.914	82,376.381	85,712.567	88,115.442	91,175.848	94,366.987	97,695.618	101,168.901
	795,528.692	843,259.686	896,978.056	938,933.562	982,228.335	1,022,947.730	1,051,694.929	1,088,789.742	1,127,501.324	1,167,914.736	1,210,120.135

LEVAN	1.01818

HIGH GROWTH SCENARIO
MWh

FISCAL YEAR: (Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	379.041	380.936	382.841	384.755	386.679	388.612	390.556	392.509	394.472	396.444	398.427
AUG	365.741	367.570	369.408	371.255	373.111	374.977	376.851	378.735	380.629	382.532	384.445
SEP	166.246	167.077	167.913	168.753	169.596	170.444	171.297	172.153	173.014	173.879	174.749
OCT	186.197	187.127	188.062	189.003	189.948	190.897	191.852	192.811	193.775	194.744	195.718
NOV	222.770	223.884	225.003	226.128	227.259	228.394	229.537	230.685	231.839	232.998	234.163
DEC	275.969	277.349	278.735	280.129	281.530	282.937	284.352	285.774	287.203	288.639	290.082
JAN	272.644	274.007	275.377	276.754	278.138	279.529	280.926	282.330	283.741	285.160	286.585
FEB	226.095	227.225	228.361	229.503	230.650	231.804	232.963	234.127	235.298	236.475	237.657
MA	222.770	223.884	225.003	226.128	227.259	228.394	229.537	230.685	231.839	232.998	234.163
APR	237.250	238.437	239.629	240.827	242.031	243.241	244.457	245.680	246.908	248.142	249.383
MA	400.986	402.991	405.006	407.031	409.066	411.111	413.167	415.233	417.309	419.395	421.492
JUN	374.253	376.125	378.006	379.896	381.795	383.705	385.623	387.551	389.489	391.436	393.393
	3,329.962	3,346.612	3,363.344	3,380.161	3,397.063	3,414.046	3,431.118	3,448.274	3,465.515	3,482.843	3,500.257

MANTI	1.00000

HIGH GROWTH SCENARIO
MWh

FISCAL YEAR: (Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	1,257.344	1,269.918	1,282.617	1,295.443	1,308.397	1,321.482	1,334.696	1,348.043	1,361.523	1,375.138	1,388.889
AUG	1,227.408	1,239.681	1,252.078	1,264.600	1,277.245	1,290.018	1,302.918	1,315.947	1,329.107	1,342.398	1,355.822
SEP	1,152.565	1,164.092	1,175.732	1,187.489	1,199.365	1,211.358	1,223.472	1,235.706	1,248.063	1,260.544	1,273.149
OCT	1,167.533	1,179.209	1,191.001	1,202.910	1,214.940	1,227.089	1,239.360	1,251.754	1,264.271	1,276.914	1,289.683
NOV	1,257.344	1,269.918	1,282.617	1,295.443	1,308.397	1,321.482	1,334.696	1,348.043	1,361.523	1,375.138	1,388.889
DEC	1,466.901	1,481.571	1,496.386	1,511.350	1,526.464	1,541.728	1,557.146	1,572.717	1,588.444	1,604.328	1,620.372
JAN	1,481.869	1,496.688	1,511.655	1,526.772	1,542.039	1,557.459	1,573.034	1,588.764	1,604.652	1,620.699	1,636.906
FEB	1,257.344	1,269.918	1,282.617	1,295.443	1,308.397	1,321.482	1,334.696	1,348.043	1,361.523	1,375.138	1,388.889
MA	1,242.375	1,254.799	1,267.347	1,280.020	1,292.821	1,305.749	1,318.806	1,331.994	1,345.314	1,358.767	1,372.354
APR	1,118.737	1,129.925	1,141.223	1,152.636	1,164.162	1,175.804	1,187.562	1,199.438	1,211.432	1,223.547	1,235.782
MA	1,148.972	1,160.462	1,172.066	1,183.787	1,195.625	1,207.581	1,219.658	1,231.854	1,244.173	1,256.615	1,269.181
JUN	1,224.563	1,236.809	1,249.177	1,261.669	1,274.285	1,287.029	1,299.899	1,312.898	1,326.028	1,339.288	1,352.682
	15,002.955	15,152.988	15,304.517	15,457.563	15,612.137	15,768.260	15,925.941	16,085.201	16,246.053	16,408.514	16,572.600

NEPHI	1.00000

HIGH GROWTH SCENARIO
MWh

FISCAL YEAR: (Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	3,108.895	3,139.983	3,171.383	3,203.097	3,235.129	3,267.479	3,300.154	3,333.156	3,366.487	3,400.151	3,434.153
AUG	3,108.895	3,139.983	3,171.383	3,203.097	3,235.129	3,267.479	3,300.154	3,333.156	3,366.487	3,400.151	3,434.153
SEP	2,494.346	2,519.289	2,544.483	2,569.928	2,595.626	2,621.583	2,647.799	2,674.277	2,701.020	2,728.031	2,755.312
OCT	2,458.195	2,482.778	2,507.605	2,532.681	2,558.008	2,583.588	2,609.424	2,635.518	2,661.873	2,688.491	2,715.376
NOV	2,964.295	2,993.938	3,023.878	3,054.116	3,084.657	3,115.504	3,146.659	3,178.126	3,209.908	3,242.007	3,274.427
DEC	3,651.143	3,687.655	3,724.531	3,761.777	3,799.394	3,837.389	3,875.762	3,914.519	3,953.664	3,993.201	4,033.132
JAN	3,723.444	3,760.678	3,798.285	3,836.267	3,874.631	3,913.376	3,952.511	3,992.036	4,031.956	4,072.276	4,112.999
FEB	3,145.044	3,176.495	3,208.260	3,240.343	3,272.745	3,305.473	3,338.528	3,371.914	3,405.633	3,439.690	3,474.087
MA	2,964.295	2,993.938	3,023.878	3,054.116	3,084.657	3,115.504	3,146.659	3,178.126	3,209.908	3,242.007	3,274.427
APR	2,738.358	2,765.742	2,793.399	2,821.333	2,849.547	2,878.042	2,906.823	2,935.891	2,965.250	2,994.903	3,024.852
MA	2,957.426	2,987.001	3,016.870	3,047.039	3,077.509	3,108.286	3,139.367	3,170.761	3,202.468	3,234.492	3,266.837
JUN	2,920.915	2,950.124	2,979.626	3,009.422	3,039.516	3,069.911	3,100.611	3,131.617	3,162.933	3,194.562	3,226.508
	36,235.251	36,597.605	36,963.580	37,333.217	37,706.550	38,083.614	38,464.451	38,849.096	39,237.587	39,629.963	40,026.263

PROVO

HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	57,366.119	60,635.988	63,182.699	65,583.642	67,944.653	69,915.048	71,872.669	73,921.040	76,027.790	78,194.582	80,423.128
AUG	58,881.298	62,237.532	64,851.508	67,315.866	69,739.237	71,761.675	73,771.002	75,873.475	78,035.869	80,259.891	82,547.298
SEP	51,197.898	54,116.178	56,389.058	58,531.842	60,638.988	62,397.519	64,144.649	65,972.772	67,852.996	69,786.806	71,775.730
OCT	49,360.202	52,173.734	54,365.030	56,430.901	58,462.414	60,157.824	61,842.243	63,604.747	65,417.482	67,281.880	69,199.414
NOV	48,425.120	51,185.352	53,335.137	55,361.872	57,354.899	59,018.191	60,670.701	62,399.816	64,178.210	66,007.289	67,888.497
DEC	52,540.635	55,535.451	57,867.940	60,066.922	62,229.331	64,033.982	65,826.933	67,703.001	69,632.536	71,617.064	73,658.150
JAN	53,808.335	56,875.410	59,264.177	61,516.216	63,730.800	65,578.993	67,415.205	69,336.538	71,312.630	73,345.039	75,435.373
FEB	48,930.180	51,719.200	53,891.407	55,939.280	57,953.094	59,633.734	61,303.478	63,050.628	64,847.571	66,695.726	68,596.554
MA	49,585.314	52,411.677	54,612.967	56,688.260	58,729.037	60,432.180	62,124.281	63,894.823	65,715.825	67,588.726	69,515.005
APR	45,494.195	48,087.364	50,107.033	52,011.101	53,883.500	55,446.122	56,998.613	58,623.074	60,293.831	62,012.205	63,779.553
MA	46,899.586	49,572.862	51,654.923	53,617.810	55,548.051	57,158.944	58,759.395	60,434.037	62,156.408	63,927.865	65,749.809
JUN	52,702.287	55,706.317	58,045.983	60,251.730	62,420.792	64,230.995	66,029.463	67,911.303	69,846.775	71,837.408	73,884.774
	615,191.169	650,257.066	677,567.862	703,315.441	728,634.797	749,765.206	770,758.632	792,725.253	815,317.923	838,554.483	862,453.286

SALEM

HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	989.483	999.279	1,009.172	1,019.163	1,029.252	1,039.442	1,060.231	1,076.082	1,092.169	1,108.497	1,125.070
AUG	1,064.573	1,075.112	1,085.756	1,096.505	1,107.360	1,118.323	1,140.689	1,157.742	1,175.050	1,192.617	1,210.446
SEP	901.914	910.843	919.860	928.967	938.164	947.452	966.400	980.848	995.512	1,010.395	1,025.500
OCT	904.981	913.940	922.988	932.126	941.354	950.673	969.687	984.184	998.897	1,013.831	1,028.987
NOV	949.718	959.120	968.615	978.205	987.889	997.669	1,017.623	1,032.837	1,048.278	1,063.950	1,079.856
DEC	1,136.065	1,147.312	1,158.670	1,170.141	1,181.726	1,193.425	1,217.293	1,235.491	1,253.962	1,272.708	1,291.735
JAN	1,148.863	1,160.237	1,171.723	1,183.323	1,195.038	1,206.869	1,231.006	1,249.410	1,268.088	1,287.046	1,306.287
FEB	1,098.733	1,109.610	1,120.596	1,131.689	1,142.893	1,154.208	1,177.292	1,194.892	1,212.756	1,230.886	1,249.288
MA	1,015.394	1,025.446	1,035.598	1,045.851	1,056.205	1,066.661	1,087.995	1,104.260	1,120.769	1,137.525	1,154.531
APR	896.193	905.065	914.025	923.074	932.213	941.442	960.270	974.626	989.196	1,003.985	1,018.994
MA	877.517	886.204	894.978	903.838	912.786	921.823	940.259	954.316	968.583	983.064	997.761
JUN	863.921	872.474	881.111	889.834	898.644	907.540	925.692	939.531	953.578	967.834	982.304
	11,847.355	11,964.644	12,083.094	12,202.716	12,323.523	12,445.526	12,694.437	12,884.219	13,076.838	13,272.337	13,470.759

SPANISH

HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	(Budget) 1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
JUL	9,908.000	10,953.294	13,193.243	14,545.550	16,051.014	17,696.243	18,300.633	19,551.056	20,886.917	22,314.053	23,838.700
AUG	10,690.000	11,817.795	14,234.534	15,693.574	17,317.859	19,092.939	19,745.033	21,094.148	22,535.444	24,075.220	25,720.203
SEP	9,565.000	10,574.108	12,736.512	14,042.005	15,495.353	17,083.626	17,667.093	18,874.229	20,163.845	21,541.576	23,013.442
OCT	9,530.000	10,535.415	12,689.907	13,990.623	15,438.652	17,021.114	17,602.446	18,805.165	20,090.062	21,462.751	22,929.232
NOV	9,520.000	10,524.360	12,676.592	13,975.942	15,422.452	17,003.254	17,583.977	18,785.434	20,068.983	21,440.233	22,905.177
DEC	10,296.000	11,382.228	13,709.894	15,115.158	16,679.577	18,389.233	19,017.293	20,316.684	21,704.858	23,187.882	24,772.237
JAN	10,465.000	11,569.058	13,934.930	15,363.260	16,953.357	18,691.077	19,329.445	20,650.165	22,061.125	23,568.491	25,178.852
FEB	8,904.000	9,843.372	11,856.342	13,071.617	14,424.529	15,903.043	16,446.189	17,569.904	18,770.400	20,052.921	21,423.073
MA	9,234.000	10,208.187	12,295.761	13,556.077	14,959.131	16,492.442	17,055.718	18,221.080	19,466.068	20,796.122	22,217.055
APR	8,304.000	9,180.072	11,057.397	12,190.780	13,452.526	14,831.409	15,337.955	16,385.948	17,505.547	18,701.645	19,979.469
MA	8,641.000	9,552.626	11,506.137	12,685.516	13,998.467	15,433.310	15,960.413	17,050.937	18,215.972	19,460.611	20,790.292
JUN	8,865.000	9,800.258	11,804.410	13,014.362	14,361.349	15,833.387	16,374.154	17,492.948	18,688.186	19,965.090	21,329.241
	113,922.000	125,940.771	151,695.659	167,244.464	184,554.266	203,471.078	210,420.349	224,797.699	240,157.408	256,566.596	274,096.971

GROWTH RATE (%): J.S. Sawvel (1996-2003)

LEVAN HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
AUG	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
SEP	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
OCT	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
NOV	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
DEC	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JAN	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
FEB	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAR	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
APR	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
MAY	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
JUN	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%

MANTI HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
AUG	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
SEP	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
OCT	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
NOV	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
DEC	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JAN	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
FEB	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAR	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
APR	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAY	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JUN	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%

NEPHI HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
AUG	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
SEP	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
OCT	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
NOV	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
DEC	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JAN	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
FEB	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAR	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
APR	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
MAY	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%
JUN	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%	1.000%

PROVO

HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
AUG	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
SEP	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
OCT	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
NOV	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
DEC	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
JAN	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
FEB	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
MAR	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
APR	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
MAY	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%
JUN	5.700%	4.200%	3.800%	3.600%	2.900%	2.800%	2.850%	2.850%	2.850%	2.850%

SALEM

HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
AUG	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
SEP	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
OCT	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
NOV	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
DEC	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
JAN	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
FEB	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
MAR	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
APR	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
MAY	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%
JUN	0.990%	0.990%	0.990%	0.990%	0.990%	2.000%	1.495%	1.495%	1.495%	1.495%

Note: Power Manager growth rate is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate is used for FY 2003

SPANISH

HIGH GROWTH SCENARIO

FISCAL YEAR: MWh

	1998	1999	2000	2001	2002	2003	Avg of 2002 & 2003 2004	2005	2006	2007
JUL	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
AUG	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
SEP	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
OCT	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
NOV	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
DEC	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
JAN	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
FEB	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
MAR	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
APR	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
MAY	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%
JUN	10.550%	20.450%	10.250%	10.350%	10.250%	3.415%	6.833%	6.833%	6.833%	6.833%

Note: Power Manager growth rate plus Adjustment is used for FY 1998 through FY 2002.
Sawvel and Associates growth rate plus Adjustments is used for FY 2003

SECTION II - SAWVEL AND ASSOCIATES

The purpose for including this section is to provide information on the methodologies and assumptions that Sawvel and Associates used in developing the January 1994 Load Forecast Study. The actual forecast in this section is no longer valid; however, the assumptions and methodologies are still valid and useful for UMPA's forecast.

SUMMARY AND CONCLUSIONS

Introduction

As an integral part of its development of an Integrated Resource Plan, UMPA commissioned this Load Forecast Study Update. The purpose of the study has been to review the forecast methodologies and key assumptions used in developing the Load Forecast Study prepared in January 1990 (the 1990 Study), determine through statistical testing and investigations of actual load growth whether the methodologies and assumptions previously used are currently relevant and prepare updated reasonable projections of UMPA demand and energy requirements.

To accomplish this purpose, annual forecasts of peak demand and energy requirements for the ten year period 1993-94 through 2002-03 were developed for each of the six member cities of UMPA (Members). These annual forecasts are represented by the 12 month period beginning in April. Based on historical monthly load patterns, the annual forecasts were converted to monthly forecasts. This report also provides fiscal year forecasts (represented by the 12 month period beginning in July) for each city member and the composite UMPA.

Forecast Methodologies and Key Assumptions

In developing the annual forecasts, several forecasting methodologies were used and a number of assumptions were made. The annual forecasts were developed by projecting total annual energy requirements by either trending techniques or econometric modeling. Annual load factors were projected based on history and anticipated system maintenance. Annual peak demands were calculated using the annual energy requirements and load factor projections.

In general, the forecast methodologies used in the 1990 Study and in this report consider historical growth patterns, service area demographics, and service area economics. As a result, the annual forecasts reflect growth that is similar to that experienced historically. The forecast also shows what is anticipated to occur with the demographics and economies of the Members' service areas.

The annual forecasts were developed under two scenarios. The annual forecasts under the "base" scenario reflect normal weather and the projection of electricity consumption for existing large commercial/industrial customers. The "base" scenario does not include any unusual, large load additions which may occur during the forecast period.

UMPA recognizes that Provo and Spanish Fork have identified significant growth potential in their respective large commercial and industrial customer classes during the forecast period. Therefore, annual forecasts for Provo and Spanish Fork were also developed under a "high" scenario which reflect normal weather and large loads identified by the respective Member as having a "high" potential for occurring during the forecast period.

Conclusions

The 1990 Study projections for 1989-90 through 1992-93 were compared to actual Member data. It was determined that Levan, Manti, Nephi and Salem should continue to be forecast using trending techniques and revised annual forecasts reflecting recent growth trends were developed. It was also determined that with the inclusion of actual data from 1989-90 through 1992-93, the econometric models developed for Provo and Spanish Fork in the 1990 Study continued to be theoretically and statistically valid models. Revised annual forecasts for Provo and Spanish Fork based on re-estimated econometric models and updated forecasts of the independent variables were

also developed under a "base" scenario that did not include new large loads and a "high" scenario that included potential new large loads identified by Provo and Spanish Fork.

Table 1-1 shows the historical and projected fiscal year peak demand and energy requirements for the composite UMPA under the "base" scenario. From fiscal year 1982 to fiscal year 1993, the composite UMPA load has experienced growth in energy requirements and peak demand at average annual compound growth rates of 3.1% and 3.5%, respectively. As shown in this table, the composite UMPA is expected to experience a decrease in peak demand in the fiscal year 1994 and growth in energy requirements for the fiscal year 1994 is expected at a lower growth rate than the historical average. This is based on the below average temperatures experienced during the summer of 1993 throughout UMPA's service area.

Under the "base" scenario, the composite UMPA energy requirements and peak demand are projected to increase at average annual compound growth rates of 1.9% and 1.9%, respectively, throughout the fiscal years 1995 through 2003.

Table 1-2 shows the historical and projected fiscal year peak demand and energy requirements for the composite UMPA under the "high" scenario. From fiscal years 1995 through 2003, the composite UMPA energy requirements and peak demand are projected to increase at average annual compound growth rates of 4.0% and 4.1%, respectively, under the "high" scenario. [1]

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[1]The characteristics of our loads, which typically reflect a high load factor, and our resources, most of which carry minimum use requirements, work together to constrain our choice of our next resources as explained in this note.

UMPA is committed to certain minimum loading requirements for certain of its generating resources. Minimum loading requirements pertaining to UMPA are as follows:

a. WAPA Allocation - UMPA is required to take at all times at least 35 percent of its allocated Contract Rate of Delivery or UMPA's total load, whichever is less.

b. Bonanza Unit 1 - UMPA is required to schedule approximately 7,000 kW of its entitlement in the Bonanza Unit 1 at all times.

These minimum load requirements cause problems for UMPA during minimum load periods of the day and during the light load months of the year.

UMPA will gradually "grow out" of this problem as UMPA loads increase in future years. Coordinated planning of future resource additions could result in a coordinated scheduling of resources to where minimum loading requirements would not be a problem to UMPA. Current indications are that UMPA's next resource additions should be "intermediate-type" capacity.

UMPA is starting to experience another problem which results in increased power supply costs to the Members. Because of the minimum loading requirements of the WAPA resource and the low capacity factor of the WAPA allocation, a major portion of the WAPA energy is taken under minimum loading conditions (base loaded). These constraints require that the remaining WAPA energy be conserved for use during peak periods so that UMPA can fully utilize its entire contract rate of delivery to serve its peak load. Because of the limited energy available from the WAPA allocation, UMPA has some difficulty during the "shoulder hours" and some peak periods in meeting energy requirements from its existing capacity. Such operation cuts into maintenance schedules for the units and introduces additional operating problems. At times UMPA has been unable to schedule full WAPA capacity during peak periods for optimum capacity use during peak periods. Consequently, while in one sense UMPA has sufficient capacity and energy to meet its loads for a number of years, the load factor and minimum loading constraints associated with the WAPA resource will create further problems as loads grow, possibly necessitating arrangements for use of a new non-baseload or intermediate-type resource prior to the time when capacity is needed strictly on an annual planning basis.

In future years, UMPA will be called upon to solve these problems through additional energy purchases and acquisition of additional resources. The problem will decrease as loads increase and the WAPA resource becomes a smaller percentage of UMPA's total resources. The difficulty in the planning process is to schedule new generation so that it will provide necessary energy during peak and shoulder periods, while not augmenting the minimum loading problem.

Table I-1

Composite UMPA (1)

HISTORICAL AND PROJECTED FISCAL YEAR
PEAK DEMAND AND ENERGY REQUIREMENTS
(138 kV)
BASE SCENARIO

Year (July thru June)	Fiscal Year Peak Demand		Fiscal Year Energy Requirements		Load Factor	
	MW	%Inc	MWh	%Inc	%	
1981-82	92.480	-	498,929.548	-	61.6	
1982-83	95.962	3.8	509,462.508	2.1	60.6	
1983-84	101.967	6.3	529,128.689	3.9	59.2	
1984-85	96.198	-5.7	532,419.137	0.6	63.2	
1985-86	101.961	6.0	552,594.669	3.8	61.9	
1986-87	106.662	4.6	562,029.495	1.7	60.2	
1987-88	112.695	5.7	590,884.287	5.1	59.9	
1988-89	113.058	0.3	622,437.409	5.3	62.8	
1989-90	124.905	10.5	637,508.005	2.4	58.3	
1990-91	126.147	1.0	657,320.512	3.1	59.5	
1991-92	127.842	1.3	673,037.494	2.4	60.1	
1992-93	134.556	5.3	696,389.207	3.5	59.1	
1993-94	132.444 (2)	-1.6	709,783.918	1.9	61.2	(4)
1994-95	140.474 (3)	6.1	737,797.760	3.9	60.0	
1995-96	143.801	2.4	755,264.263	2.4	60.0	
1996-97	147.247	2.4	772,064.044	2.2	59.9	
1997-98	149.944	1.8	786,248.832	1.8	59.9	
1998-99	152.656	1.8	800,530.784	1.8	59.9	
1999-00	155.400	1.8	815,009.346	1.8	59.9	
2000-01	158.204	1.8	829,759.698	1.8	59.9	
2001-02	161.032	1.8	844,658.890	1.8	59.9	
2002-03	163.907	1.8	859,815.492	1.8	59.9	
Average Annual Compound Growth Rates, % :						
1981-82 - 1992-93		3.5		3.1		
1987-88 - 1992-93		3.6		3.3		
1992-93 - 1997-98		2.2		2.5		
1997-98 - 2002-03		1.8		1.8		
1994-95 - 2002-03		1.9		1.9		

(1) Composite UMPA includes Levan, Manti, Nephi, Provo (Base Scenario), Salem and Spanish Fork (Base Scenario).

(2) Projected to occur in June 1994.

(3) Fiscal year composite UMPA peak demand for the period 1994-95 through 2002-03 is projected to occur in August.

(4) Projected load factor is calculated as:

(Energy Requirements)/(Peak Demand)/ 8760 * 100

Table I-2

Composite UMPA (1)

HISTORICAL AND PROJECTED FISCAL YEAR
PEAK DEMAND AND ENERGY REQUIREMENTS
(138 kV)
HIGH SCENARIO

Year (July thru June)	Fiscal Year Peak Demand MW	%Inc	Fiscal Year Energy Requirements MWh	%Inc	Load Factor %	
1981-82	92.480	-	498,929.548	-	61.6	
1982-83	95.962	3.8	509,462.508	2.1	60.6	
1983-84	101.967	6.3	529,128.689	3.9	59.2	
1984-85	96.198	-5.7	532,419.137	0.6	63.2	
1985-86	101.961	6.0	552,594.669	3.8	61.9	
1986-87	106.662	4.6	562,029.495	1.7	60.2	
1987-88	112.695	5.7	590,884.287	5.1	59.9	
1988-89	113.058	0.3	622,437.409	5.3	62.8	
1989-90	124.905	10.5	637,508.005	2.4	58.3	
1990-91	126.147	1.0	657,320.512	3.1	59.5	
1991-92	127.842	1.3	673,037.494	2.4	60.1	
1992-93	134.556	5.3	696,389.207	3.5	59.1	
1993-94	135.010 (2)	0.3	712,972.558	2.4	60.3	(4)
1994-95	143.274 (3)	6.1	755,074.232	5.9	60.2	
1995-96	149.601	4.4	791,686.591	4.8	60.4	
1996-97	160.047	7.0	840,256.702	6.1	59.9	
1997-98	168.244	5.1	881,553.690	4.9	59.8	
1998-99	176.456	4.9	921,381.992	4.5	59.6	
1999-00	182.200	3.3	951,628.554	3.3	59.6	
2000-01	188.004	3.2	980,932.770	3.1	59.6	
2001-02	192.832	2.6	1,006,343.962	2.6	59.6	
2002-03	197.707	2.5	1,032,117.015	2.6	59.6	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	3.5	3.1
1987-88 - 1992-93	3.6	3.3
1992-93 - 1997-98	4.6	4.8
1997-98 - 2002-03	3.3	3.2
1994-95 - 2002-03	4.1	4.0

(1) Composite UMPA includes Levan, Manti, Nephi, Provo (High Scenario), Salem and Spanish Fork (High Scenario).

(2) Projected to occur in June 1994.

(3) Fiscal year composite UMPA peak demand for the period 1994-95 through 2002-03 is projected to occur in August.

(4) Projected load factor is calculated as:

(Energy Requirements)/(Peak Demand)/ 8760 * 100

UMPA MEMBER STATISTICS AND DATA

This Load Forecast Study Update was performed by developing annual forecasts of peak demand and energy requirements for each Member. The Members include the Town of Levan and the Cities of Manti, Nephi, Provo, Salem and Spanish Fork. The annual forecasts were developed using trending techniques and econometric modeling. Trending is based on the premise that historical growth patterns in electricity consumption will continue into the future. Econometric models identify those factors that significantly influence electricity consumption. This Section provides a brief description of each Member's service area and information concerning electricity consumption within the service area. Also included in this Section is historical and projected information which represents those factors that may contribute to growth in electricity consumption throughout the UMPA service area.

Service Area Descriptions

Levan, located in Juab County, is a rural residential community with significant irrigation load. Levan historically records its peak demand during the month of May due to this irrigation load. The population of Levan is 416 according to the 1990 Census. Levan experienced a 1993 summer peak of 0.625 MW.

Manti is the second largest city in Sanpete County and serves a mix of residential and small and large commercial loads. Manti has approximately 750 residential customers and its largest customers include an LDS temple and a number of schools. Since 1990, Manti has recorded its peak demand during the month of July. During the summer of 1993, Manti's peak demand was 2.991 MW. The population of Manti is 2,268 according to the 1990 Census.

Nephi is the largest city in Juab County and serves a mix of residential, commercial and light industrial loads. Nephi has historically peaked during the winter and had a 1992-93 peak demand of 7.452 MW. The population of Nephi was 3,515 according to the 1990 Census.

In recent years, these three communities have experienced the initial availability of natural gas as a fuel source to customers within their service areas. Conversion of electric customers to gas space heating and water heating has been occurring in Manti for approximately six years and city officials estimate that this conversion is now complete. Nephi is entering its third year of natural gas availability. Nephi's schools and hospital have completed converting to gas heat and city officials anticipate electric customer conversion to be complete within the next several years. Gas conversion in Levan started in 1991 and city officials estimate that electric customer conversion is approximately 80% complete.

The remaining three Members -- Provo, Spanish Fork and Salem -- are located in Utah County. In recent years, Utah County has experienced steady job growth and economic expansion above the national average. Provo is the largest city in Utah County with a population of 86,835 according to the 1990 Census, and is the third largest city in the State of Utah. Provo's largest retail customer is Brigham Young University (BYU) which is the State of Utah's second largest employer. In recent years, Provo has experienced growth in the mechanical-technical job force and high-tech computer oriented fields which, in turn , provided for growth in retail, financial and other service industries. Provo is a summer peaking system that experienced a peak demand of 119.172 MW in August 1994.

Spanish Fork serves a diverse mixture of residential, commercial and industrial loads. Spanish Fork has experienced increased population and job expansion due to the favorable economic conditions of the surrounding area. Spanish Fork historically peaks during the summer

and had a peak demand of 16.200 MW in August 1994. The population of Spanish Fork is 11,272 according to the 1990 Census.

Salem is primarily a residential community which has experienced significant growth in residential housing construction in recent years due to its proximity to the economic growth areas of Utah County. Salem is a winter peaking system and had a December 1994 peak demand of 2.224 MW. Salem's population is 2,284 according to the 1990 Census.

Population

Population growth is an important factor causing growth in electricity consumption. Table-II-1 shows historical population by Member for even years from 1980 to 1990. Table II-1 also shows historical population for Juab, Sanpete and Utah Counties. Population forecasts were only available by county and were developed by the Utah Office of Planning and Budget. Of these three counties, Utah County has historically grown at a faster rate and is projected to continue this trend through the forecast period.

Economic Statistics

Utah County has a broad based economy with the services and construction industrial sectors experiencing significant growth in recent years. Juab and Sanpete Counties remain largely agricultural. Key indicators of economic growth can be represented by trends in the levels of gross taxable sales, employment and per capita income.

In Utah, historical gross taxable sales are available by city and are shown in Table II-2. The actual sales data was deflated to real (constant 1982) dollar values using the Personal Consumption Expenditure Implicit Price Deflator (PCE). The PCE index, which is only available as a national number, measures the price of all goods and services purchased by all individuals.

With the exception of Provo, the Members have experienced little or no growth in gross taxable sales above the inflation rate. No projections of gross taxable sales are available for Utah at this time.

Tables II-3 and II-4 show historical total employment and per capita income (actual and real inflation-adjusted) for Juab, Sanpete and Utah Counties. Utah County has experienced constant growth in employment and per capita income. In recent years, Juab and Sanpete Counties have experienced growth in employment and per capita income at a greater rate than previously experienced. Only employment projections were available by county. The projected employment rates are shown in Table II-3 and were developed by the Utah Office of Planning and Budget.

Climate

Weather can be a significant factor in electricity consumption depending on whether a customer increases or decreases air conditioner usage due to above or below normal summertime temperatures and weather conditions or increases or decreases electric space heating equipment usage due to below or above normal wintertime temperatures and weather conditions. A study of weather conditions can be an effective way of explaining unusual increases and decreases from year to year in peak demand and/or energy requirements.

Historical weather data was available for all Members except Salem, as shown in Table II-5. Heating and cooling degree days are indicators of heating and cooling requirements, respectively, based on the difference between the average daily temperature and 65 degrees Fahrenheit. Because of the importance of agriculture and irrigation loads in Sanpete and Juab Counties, historical precipitation data were collected for Levan, Manti and Nephi.

Table II-1

HISTORICAL AND PROJECTED POPULATION BY UMPA MEMBER AND COUNTY

	UMPA Member Population (1)						County Population (2)		
Year	Levan	Manti	Nephi	Salem	Provo	Spanish Fork	Juab	Sanpete	Utah
1980	453	2,080	3,285	2,233	74,111	9,825	5,530	14,620	218,106
1981							5,600	15,200	227,000
1982	523	2,259	3,420	2,450	77,475	10,454	5,700	15,800	232,000
1983							5,950	16,400	238,000
1984	547	2,368	3,769	2,582	74,138	11,058	6,200	16,400	243,000
1985							6,300	16,300	245,000
1986	530	2,240	3,560	2,630	77,480	10,910	5,900	15,800	247,000
1987							5,800	15,900	252,000
1988	490	2,200	3,580	2,770	73,250	11,150	5,800	16,000	255,000
1989							5,900	16,000	258,000
1990	416	2,268	3,515	2,284	86,835	11,272	5,800	16,300	266,000
1991							6,000	16,900	272,000
1992							6,048	17,103	275,808
1993							6,066	17,223	280,221
1994							6,054	17,257	285,265
1995							6,060	17,343	288,403
1996							6,048	17,378	291,864
1997							6,054	17,465	294,782
1998							6,072	17,587	296,846
1999							6,096	17,710	300,408
2000							6,115	17,816	305,214
2001							6,145	17,959	309,793
2002							6,194	18,174	315,059
2003							6,269	18,447	320,730
Average Annual Compound Growth Rates, %:									
1980-1990	(0.8)	0.9	0.7	0.2	1.6	1.4	0.5	1.1	2.0
1986-1991							0.3	1.4	1.9
1990-1996							0.2	0.6	1.4
1996-2001							0.3	0.7	1.2
2001-2003							1.0	1.3	1.7
1990-2003							0.4	0.7	1.4

(1) Historical data from the Utah Foundation.

(2) Historical data and projected growth rates from the Utah Office of Planning and Budget.

Table II-2

HISTORICAL GROSS TAXABLE SALES BY UMPA MEMBER

Year	PCE(2)	Levan	Manti	Nephi	Salem	Provo	Spanish Fork
		Actual Gross Taxable Sales (000$) (1)					
1981		483	6,581	25,873	2,578	311,365	52,678
1982		597	6,053	20,122	3,858	314,700	69,271
1983		702	5,885	20,101	6,753	342,500	64,979
1984		854	6,161	25,195	7,804	375,352	69,580
1985		1,002	6,797	27,426	7,382	400,007	74,547
1986		885	6,065	22,313	7,552	394,721	73,044
1987		418	6,106	22,641	7,673	398,553	75,466
1988		292	6,441	22,523	7,906	458,560	80,461
1989		275	7,190	26,855	6,658	519,106	89,187
1990		289	7,411	31,251	5,467	636,204	98,464
1991		357	8,509	28,560	4,759	666,950	90,981
1992		433	8,050	34,849	5,495	670,407	103,362
		Real Gross Taxable Sales (1982 000$) (3)					
1981	95.1	508	6,920	27,206	2,711	327,408	55,392
1982	100.0	597	6,053	20,122	3,858	314,700	69,271
1983	104.7	670	5,621	19,199	6,450	327,125	62,062
1984	108.1	790	5,699	23,307	7,219	347,227	64,366
1985	111.8	896	6,080	24,531	6,603	357,788	66,679
1986	114.3	774	5,306	19,521	6,607	345,338	63,906
1987	119.5	350	5,110	18,946	6,421	333,517	63,151
1988	124.5	235	5,173	18,091	6,350	368,321	64,627
1989	130.4	211	5,514	20,594	5,106	398,087	68,395
1990	137.1	211	5,406	22,794	3,988	464,044	71,819
1991	142.6	250	5,967	20,028	3,337	467,707	63,802
1992	147.6	293	5,454	23,610	3,723	454,205	70,028

(1) Historical data from the Utah Foundation.

(2) Implicit Price Deflator for Personal Consumption Expenditures, U.S. Department of Commerce.

(3) Actual Gross Taxable Sales / (PCE/100)

Table II-3

HISTORICAL AND PROJECTED EMPLOYMENT BY COUNTY (1)

Year	Juab County	Sanpete County	Utah County
1981	2,210	5,262	77,063
1982	1,847	5,524	78,820
1983	1,765	5,836	79,142
1984	1,667	5,513	83,508
1985	1,686	5,268	87,335
1986	1,726	5,182	91,479
1987	1,692	5,464	92,811
1988	1,814	5,458	100,205
1989	1,867	5,503	106,317
1990	1,914	5,598	111,293
1991	2,043	5,600	114,995
1992	2,059	5,662	117,180
1993	2,068	5,707	119,524
1994	2,070	5,735	122,033
1995	2,078	5,776	124,230
1996	2,084	5,810	126,466
1997	2,092	5,857	128,616
1998	2,105	5,915	130,674
1999	2,120	5,980	133,157
2000	2,135	6,046	135,953
2001	2,150	6,113	138,400
2002	2,169	6,192	141,030
2003	2,195	6,285	143,850
Average Annual Compound Growth Rates, %			
1981-1991	(0.8)	0.6	4.1
1986-1991	3.4	1.6	4.7
1991-1996	0.4	0.7	1.9
1996-2001	0.6	1.0	1.8
2001-2003	1.0	1.4	1.9
1991-2003	0.6	1.0	1.9

(1) Historical data and projected growth rates from the Utah Office of Planning and Budget.

Table II-4

HISTORICAL PER CAPITA INCOME BY COUNTY (1)

		Juab County		Sanpete County		Utah County	
Year	PCE(2)	Actual $	Real 1982$ (3)	Actual $	Real 1982$ (3)	Actual $	Real 1982$ (3)
1981	95.1	7,403	7,784	6,268	6,591	6,724	7,070
1982	100.0	7,122	7,122	6,523	6,523	6,833	6,833
1983	104.7	7,352	7,022	6,718	6,416	7,083	6,765
1984	108.1	8,170	7,558	7,476	6,916	7,762	7,180
1985	111.8	7,619	6,815	7,662	6,853	8,161	7,300
1986	114.3	7,840	6,859	8,009	7,007	8,683	7,597
1987	119.5	8,330	6,971	8,410	7,038	9,050	7,573
1988	124.5	9,240	7,422	9,540	7,663	9,710	7,799
1989	130.4	9,798	7,514	9,939	7,622	10,487	8,042
1990	137.1	10,710	7,812	10,733	7,829	11,467	8,364
1991	142.6	13,100	9,187	11,700	8,205	12,400	8,696
Average Annual Compound Growth Rates, %:							
1981-1991		5.9	1.7	6.4	2.2	6.3	2.1
1986-1991		10.8	6.0	7.9	3.2	7.4	2.7

(1) Actual historical data from the Utah Office of Planning and Budget.

(2) Implicit Price Deflator for Personal Consumption Expenditures, U.S. Department of Commerce.

(3) Actual Per Capita Income / (PCE/100)

Table II-5

HISTORICAL DEGREE DAYS AND PRECIPITATION BY UMPA MEMBER CITY

	Heating Degree Days (2)(3)					Cooling Degree Days (2)(4)					Precipitation (inches) (2)			
Year(1)	Levan	Manti	Nephi	Provo	Spanish Fork	Levan	Manti	Nephi	Provo	Spanish Fork	Levan	Manti	Nephi	Spanish Fork
1981-82	6,230	6,333	5,758	5,401	5,555	706	552	894	1,009	1,075	19.39	17.86	22.08	28.61
1982-83	6,571	6,982	6,209	5,715	5,994	552	360	686	867	800	23.47	20.92	24.07	31.76
1983-84	7,060	7,141	6,771	6,483	6,661	564	337	682	934	812	18.41	18.69	22.05	31.60
1984-85	6,880	7,093	6,671	6,443	6,439	555	373	721	973	897	19.34	15.94	16.63	29.04
1985-86	5,891	6,106	5,568	5,182	5,196	614	438	817	974	982	16.10	17.11	19.59	25.76
1986-87	6,238	6,533	5,811	5,410	5,610	619	470	908	1,083	1,010	17.06	13.17	15.75	22.14
1987-88	6,267	6,683	5,617	5,246	5,474	618	313	663	867	758	13.51	12.30	13.30	17.31
1988-89	6,509	6,672	5,858	5,632	5,875	890	537	990	1,143	1,131	11.54	12.10	12.48	18.89
1989-90	5,876	6,298	5,286	4,989	5,284	804	445	907	1,033	963	10.87	12.38	13.53	14.09
1990-91	4,891	6,664	5,724	5,419	5,790	924	502	963	1,120	1,071	9.02	13.17	11.70	16.13
1991-92	6,053	6,504	5,564	5,240	5,705	811	375	730	966	836	14.69	11.91	14.94	20.45
1992-93	5,991	6,543	5,804	5,184	5,634	808	385	638	1,000	863	16.09	15.54	17.49	21.68
1993-94						475	190	445	768	639				
Normals														
1950-80	6,409	6,703	5,980	-	5,737	630	395	864	-	886	14.24	12.53	13.50	18.40
1981-93	6,205	6,629	5,887	5,529	5,768	705	424	800	997	933	14.45	13.06	15.86	20.49

(1) Year beginning April 1 through March 31.
(2) Historical data from the National Climatic Center.
(3) Based on the difference between the average daily temperature (when < 65 degrees F) and 65 degrees F.
(4) Based on the difference between the average daily temperature (when > 65 degrees F) and 65 degrees F.

INDIVIDUAL UMPA MEMBER ANNUAL FORECASTS

Annual forecasts of peak demand and energy requirements for the ten year period 1993-94 through 2002-03 were developed for each Member. These annual forecasts are represented by the 12 month period beginning in April. This annual time frame was chosen because it encompasses complete summer and winter seasons. If fiscal years (represented by the 12 month period beginning in July) had been used, the historical data would reflect part of one summer in one annual period and the remaining part of the same summer in the subsequent annual period. Levan, Manti, Provo, Spanish Fork and the composite UMPA have historically experienced summer peaks throughout the summer months. Econometric models tend to have a better fit (less percentage error between actual and estimated values) when analyzing complete summer/winter seasons in one annual period.

Forecast Approach

The same basic approach to developing the annual forecasts was used for each Member. First, annual energy requirements were projected from 1993-94 through 2002-03. These projections were developed using either trending techniques or econometric modeling. Projected annual system load factors from 1993-94 through 2002-03 were then estimated based on history and anticipated system maintenance. Annual peak demands were calculated using the annual energy requirements and load factor projections.

The annual forecasts were developed under two scenarios. The annual forecasts under the "base" scenario reflect normal weather and the projection of electricity consumption for existing large commercial/industrial customers. The "base" scenario does not include any unusual large load additions which may occur during the forecast period.

UMPA recognizes that Provo and Spanish Fork have identified significant growth potential in their respective large commercial/industrial customer classes during the forecast period. Therefore, annual forecasts for Provo and Spanish Fork were also developed under a "high" scenario that reflects normal weather and large loads identified by the respective Member as having a high potential of occurring during the forecast period.

As previously shown, the number of cooling degree days in all Member service areas for the summer of 1993 was abnormally low in comparison to calculated normals based on history. Due to the loss of air conditioning load during the summer of 1993, annual energy requirements for each Member were below anticipated levels. The annual forecasts were developed to reflect normal weather throughout the forecast period 1994-95 to 2002-03. Because of the reflection of normal weather, the annual forecasts of Members with significant air conditioning load may show a significant increase from 1993-94 to 1994-95.

The resulting individual Member annual forecasts are presented in the remainder of this Section. For Levan, Manti, Nephi and Salem, annual energy requirements were projected using trending techniques. It should be noted that the 1993-94 annual energy requirements for these Members were weather normalized prior to the application of average annual compound growth rates for projection purposes. For Provo and Spanish Fork, econometric modeling was used to project annual energy requirements.

Levan Annual Forecast

Annual energy requirements for Levan were projected using a logarithmic trend represented by the average annual compound growth rate of 0.5% for the period 1995-96 through 2002-03. It was estimated that conversion of electric customers to gas usage will be complete in 1994-95. Table III-1 shows the historical and projected annual peak demand and energy requirements for Levan.

Manti Annual Forecast

For Manti, annual energy requirements were projected using a logarithmic trend represented by the average annual compound growth rate of 1.0% for the period 1994-95 through 2002-03. It was estimated that conversion of electric customers to gas usage has been completed within Manti's service area. Some residential growth and new home construction is expected in Manti and no significant new commercial loads are anticipated to occur during the forecast period. Table III-2 shows the historical and projected annual peak demand and energy requirements for Manti.

Nephi Annual Forecast

Annual energy requirements for Nephi were projected using a logarithmic trend represented by the average annual compound growth rate of 1.0% for the period 1995-96 through 2002-03. Nephi has experienced a decrease in electricity consumption due to conversion to gas usage within its service area, most notably when the schools and hospital completed their conversion in 1992-93. It was estimated that conversion of electric customers to gas usage throughout Nephi's service area would be complete in 1994-95. Some new home construction is

expected in Nephi and light commercial growth in Nephi's service industries is anticipated. Table III-3 shows the historical and projected annual peak demand and energy requirements for Nephi.

Salem Annual Forecast

For Salem, annual energy requirements were projected using a combination of linear and logarithmic trends represented by an overall average annual compound growth rate of 2.2% for the period 1994-95 through 2002-03. In recent years, Salem has experienced significant growth primarily from new residential construction. It is expected that population migration into the Salem service area will continue as the economy of Utah County remains in a stable growth pattern. Table III-4 shows the historical and projected annual peak demand and energy requirements for Salem.

Provo Annual Forecast

As previously discussed, Provo provides electric utility service to BYU which represented approximately 18% of Provo's total energy requirements in 1992-93 as its largest retail customer. An annual forecast was developed for Provo, independent of BYU, by using an econometric model under the "base" scenario. In addition, an annual forecast was developed for BYU based on information and projections provided by BYU personnel. These two annual forecasts were then combined into a total Provo annual forecast under the "base" scenario. An annual forecast was also developed for Provo without BYU which includes large, new loads under the "high" scenario. The following paragraphs describe in detail the "base" scenario and "high" scenario annual forecasts developed for Provo.

Provo Without BYU - "Base" Scenario

Table III-5 provides historical data of Provo's residential and commercial customer classes. This data, in addition to the information discussed in Section II, were used in developing an econometric model of energy requirements for Provo without BYU. In 1990, many different models involving different combinations of independent variables and different mathematical forms were tested. The most appropriate model (without BYU energy requirements) identified three significant independent variables:

(1) The number of Provo's residential and general service customers

(2) Provo's real gross taxable sales

(3) Provo's real price of electricity to its residential and general service customers

Additional historical information gathered since 1990 was obtained and an updated econometric model was developed using these same independent variables. It was determined that the model continued to satisfy all appropriate statistical tests. The following paragraphs describe the independent variables in detail.

Residential and General Service Customers Historical numbers of residential and general service customers were provided by Provo. No specific projection of future number of customers was available from Provo. Based on discussions with Provo, the number of residential and general service customers was projected to increase at the same average annual growth rate experienced by Provo's total population since 1986 (1.9%) for the period 1993-94 to 1996-97. From 1997-98 through 2002-03, the number of residential and general service customers was projected to increase at the average annual growth rate projected by the Utah Office of Planning and Budget for Utah County (1.4%) for that same time period.

Gross Taxable Sales Historical gross taxable sales data for Provo was provided by the Utah Foundation. This data was deflated by the PCE index to determine historical real (inflation-adjusted) gross taxable sales. An independently prepared forecast of Provo gross taxable sales was not available to use in this study. Therefore, a forecast of real Provo gross taxable sales was developed based on the same growth rates used in projecting the number of Provo residential and general service customers.

Price of Electricity Historical electricity prices were derived from sales data provided by Provo and deflated by the PCE index to determine the real (inflation-adjusted) price of electricity to Provo's residential and general service customers. Projections were based on future UMPA power costs. It was concluded to reasonably assume that future electricity prices would not increase significantly faster than the general rate of inflation.

Table III-6 shows the historical and projected annual peak demand and energy requirements for Provo without BYU under the "base" scenario. The "base" scenario reflects normal weather and no addition of any unusual, large loads during the forecast period.

Brigham Young University

Discussions were held with BYU personnel concerning a forecast of BYU demand and energy requirements through the forecast period 1993-94 through 2002-03. In recent years, BYU has maintained a demand-side management program, which includes such policies as installing variable speed motors throughout the campus' heating and cooling systems, retrofitting other motors to reduce electric consumption, and installing electronic ballasts throughout the campus. Continuing with plans of campus expansion and following its demand-side management policies, BYU personnel expect the BYU annual energy requirements to increase at an average annual

growth rate of 1.4% throughout the forecast period. Table III-7 shows the historical and projected annual peak demand and energy requirements for BYU.

Total Provo - "Base" Scenario

The annual forecasts of Provo, without BYU, under the "base" scenario and BYU peak demand and energy requirements were added together to obtain the "base" scenario total Provo annual forecast. The total Provo annual load factor projection was calculated using the annual peak demand and energy requirements projections. Under the "base" scenario, total Provo energy requirements and peak demand are projected to increase at average annual compound growth rates of 2.0% and 2.0%, respectively, during the years 1994-95 through 2002-03. The total Provo annual forecast under the "base" scenario is shown in Table III-8.

Total Provo - "High" Scenario

As previously discussed, Provo has identified significant growth potential in the large commercial and industrial customer classes during the forecast period. An annual forecast for Provo including new, large loads was developed under the "high" scenario. The new, large loads in the "high" scenario include the following:

(1) Riverwoods Park is a proposed industrial park located in North Provo near Provo Canyon. The park includes three major parcels of property which have been joined under a common park name. The industrial park development is completed and most property is owned or optioned by the final owner/developer. Some construction has begun and further individual lot development has been proposed by several owners.

(2) The proposed East Bay Mall is in initial stages of development. The projected size of the shopping mall is approximately 1,000,000 square feet and includes plans for six anchor stores, a major hotel and a theater complex. All options have been secured on the property, financing for the project is tentatively complete and design approval is in the developing stage.

(3) Provo expects to acquire the State Hospital from Utah Power & Light (UP&L) Company when the hospital's contract with UP&L expires in 1998.

(4) South State Ironton property has been purchased for development. Provo is currently reviewing development options for the Ironton property.

Table III-9 shows the historical and projected annual peak demand and energy requirements for Provo without BYU under the "high" scenario. This table provides the estimated peak demand, load factor and timing of the additional loads identified in the "high" scenario. The annual forecasts of Provo without BYU under the "high" scenario and BYU peak demand and energy requirements were added together to obtain the "high" scenario total Provo annual forecast. Under the "high" scenario, total Provo energy requirements and peak demand are projected to increase at average annual compound growth rates of 4.3% and 4.4%, respectively, during the years 1994-95 through 2002-03. Table III-10 shows the historical and projected annual peak demand and energy requirements for total Provo under the "high" scenario.

Spanish Fork Annual Forecast - "Base" and "High" Scenarios

Table III-11 provides historical data of Spanish Fork's customers. These data, in addition to the information discussed in Section II, were used in developing an econometric model of energy requirements for Spanish Fork under the "base" scenario. In 1990, many different models involving different combinations of independent variables and different mathematical forms were tested. The most appropriate Spanish Fork energy requirements econometric model identified two significant independent variables:

(1) Spanish Fork's energy requirements from the previous year (lagged)

(2) Utah County's total employment

Additional historical information gathered since 1990 was obtained and an updated econometric model was developed using these same independent variables. It was determined that the model continued to satisfy all appropriate statistical tests. The following paragraphs describe the independent variables in detail.

Lagging Power Factor The reason for the inclusion of lagging power factor is the fact that most appliances and equipment that use electricity carry over from one year to the next. Because only a relatively small portion of energy requirements result from new or replacement appliances and equipment, the adjustment of electricity use to factors such as price change is more gradual than it would be if all appliances and equipment were replaced each year.

Utah County Total Employment Historical total employment for Utah County was provided by the Utah Office of Planning and Budget. A forecast of total employment growth rates for Utah County was also obtained from the Utah Office of Planning and Budget.

Table III-12 shows the historical and projected annual peak demand and energy requirements for Spanish Fork under the "base" scenario. The "base" scenario reflects normal weather and no additions of new, large loads during the forecast period. Under the "base" scenario, Spanish Fork's annual energy requirements and peak demand are projected to increase at average annual compound growth rates of 2.3% and 2.3%, respectively, during the years 1994-95 through 2002-03.

As previously discussed, Spanish Fork has identified significant growth potential in the commercial and industrial customer classes during the forecast period. An annual forecast for Spanish Fork including new, large loads was developed under the "high" scenario. The new, large loads included in the "high" scenario include the following:

(1) Cressona Aluminum, a manufacturing plant, will be adding two additional presses and a meeting facility within the next five years.

(2) Bushman Press, a paper printing plant, currently has one press in operation. Expansion plans include adding three new presses and a 50,000 square foot building within the next five years.

(3) The Utah County Jail is currently under construction and the main jail facility and the admissions building are anticipated to be completed in 1995.

Table III-13 shows the historical and projected annual peak demand and energy requirements for Spanish Fork under the "high" scenario. This table provides the estimated peak demand, load factor and timing of the additional loads identified in the "high" scenario. Under the "high" scenario, Spanish Fork energy requirements and peak demand are projected to increase at average annual compound growth rates of 3.7% and 3.8%, respectively, during the years 1994-95 through 2002-03.

Table III-1

Town of Levan, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
(138 kV)

Year (April thru March)	Annual Peak Demand		Annual Energy Requirements		Load Factor	
	MW	%Inc	MWh	%Inc	%	
1981-82	0.755	-	3,186.000	-	48.2	
1982-83	0.695	-7.9	3,146.112	-1.3	51.7	
1983-84	0.763	9.8	3,565.032	13.3	53.3	
1984-85	0.814	6.7	3,338.130	-6.4	46.8	
1985-86	0.738	-9.3	3,636.194	8.9	56.2	
1986-87	0.678	-8.1	3,105.614	-14.6	52.3	
1987-88	0.843	24.3	3,737.930	20.4	50.6	
1988-89	0.815	-3.3	3,652.515	-2.3	51.2	
1989-90	0.807	-1.0	3,436.598	-5.9	48.6	
1990-91	0.811	0.5	3,501.206	1.9	49.3	
1991-92	0.801	-1.2	3,449.413	-1.5	49.2	
1992-93	0.729	-9.0	3,374.708	-2.2	52.8	
1993-94	0.625 (1)	-14.3	2,800.636 (2)	-17.0	51.2	
1994-95	0.748 (4)	19.7	3,324.256	18.7	50.7 (3)	
1995-96	0.759	1.5	3,340.877	0.5	50.2	
1996-97	0.764	0.7	3,357.581	0.5	50.2	
1997-98	0.767	0.4	3,374.369	0.5	50.2	
1998-99	0.771	0.5	3,391.241	0.5	50.2	
1999-00	0.775	0.5	3,408.197	0.5	50.2	
2000-01	0.779	0.5	3,425.238	0.5	50.2	
2001-02	0.783	0.5	3,442.364	0.5	50.2	
2002-03	0.787	0.5	3,459.576	0.5	50.2	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	-0.3	0.5
1987-88 - 1992-93	-2.9	-2.0
1992-93 - 1997-98	1.0	-0.0
1997-98 - 2002-03	0.5	0.5

Summer peaking system

(1) Actual.

(2) The 1993-94 estimate is based on 8 months of actual data. Annual system energy requirements are projected to reflect the completion of existing customer gas conversion in 1994-95 and conservative growth thereafter, based on historical trends.

(3) Projected load factors are based on obtaining the 1988-89 to 1992-93 historical average by 1995-96.

(4) Projected annual peak demand is calculated as:

(Annual Energy Requirements)/(Load Factor/100)/8760

Table III-2

City of Manti, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
(138 kV)

Year (April thru March)	Annual Peak Demand MW	%Inc	Annual Energy Requirements MWh	%Inc	Load Factor %	
1981-82	3.310	-	13,783.000	-	47.5	
1982-83	3.253	-1.7	14,295.034	3.7	50.2	
1983-84	3.284	1.0	14,401.494	0.7	50.1	
1984-85	3.116	-5.1	12,998.052	-9.7	47.6	
1985-86	3.037	-2.5	13,603.921	4.7	51.1	
1986-87	3.133	3.2	14,141.957	4.0	51.5	
1987-88	3.107	-0.8	14,094.442	-0.3	51.8	
1988-89	2.982	-4.0	13,420.138	-4.8	51.4	
1989-90	2.771	-7.1	12,497.937	-6.9	51.5	
1990-91	2.938	6.0	13,570.061	8.6	52.7	
1991-92	3.276	11.5	13,763.171	1.4	48.0	
1992-93	2.945	-10.1	14,005.948	1.8	54.3	
1993-94	2.991 (1)	1.6	14,789.669 (2)	5.6	56.4	
1994-95	3.095 (4)	3.5	14,937.566	1.0	55.1	(3)
1995-96	3.201	3.4	15,086.942	1.0	53.8	
1996-97	3.315	3.6	15,237.811	1.0	52.5	
1997-98	3.346	0.9	15,390.189	1.0	52.5	
1998-99	3.380	1.0	15,544.091	1.0	52.5	
1999-00	3.414	1.0	15,699.532	1.0	52.5	
2000-01	3.448	1.0	15,856.527	1.0	52.5	
2001-02	3.482	1.0	16,015.092	1.0	52.5	
2002-03	3.517	1.0	16,175.243	1.0	52.5	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	-1.1	0.1
1987-88 - 1992-93	-1.1	-0.1
1992-93 - 1997-98	2.6	1.9
1997-98 - 2002-03	1.0	1.0

Summer peaking system since 1990-91.

(1) Actual.

(2) The 1993-94 estimate is based on 8 months of actual data. Annual system energy requirements are projected to reflect the completion of existing customer gas conversion in 1993-94 and conservative growth thereafter.

(3) Projected load factors are based on obtaining the 1988-89 to 1992-93 (excluding 1991-92) historical average by 1996-97.

(4) Projected annual peak demand is calculated as:

(Annual Energy Requirements)/(Load Factor/100)/8760

Table III-3

City of Nephi, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
(138 kV)

Year (April thru March	Annual Peak Demand MW	%Inc	Annual Energy Requirements MWh	%Inc	Load Factor %
1981-82	7.812	-	30,702.000	-	44.9
1982-83	6.563	-16.0	29,594.498	-3.6	51.5
1983-84	8.044	22.6	30,200.293	2.0	42.9
1984-85	8.134	1.1	31,846.276	5.5	44.7
1985-86	7.998	-1.7	32,687.993	2.6	46.7
1986-87	8.336	4.2	34,501.404	5.5	47.2
1987-88	8.135	-2.4	36,729.462	6.5	51.5
1988-89	9.037	11.1	36,901.520	0.5	46.6
1989-90	7.400	-18.1	35,578.998	-3.6	54.9
1990-91	8.098	9.4	36,548.867	2.7	51.5
1991-92	7.493	-7.5	36,450.589	-0.3	55.5
1992-93	7.452	-0.5	36,796.039	0.9	56.4
1993-94	7.167 (3)	-3.8	33,905.050 (1)	-7.9	54.0 (2)
1994-95	7.488	4.5	36,075.519	6.4	55.0
1995-96	7.434	-0.7	36,436.274	1.0	56.0
1996-97	7.502	0.9	36,800.637	1.0	56.0
1997-98	7.577	1.0	37,168.643	1.0	56.0
1998-99	7.653	1.0	37,540.330	1.0	56.0
1999-00	7.729	1.0	37,915.733	1.0	56.0
2000-01	7.806	1.0	38,294.890	1.0	56.0
2001-02	7.884	1.0	38,677.839	1.0	56.0
2002-03	7.963	1.0	39,064.618	1.0	56.0

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	-0.4	1.7
1987-88 - 1992-93	-1.7	0.0
1992-93 - 1997-98	0.3	0.2
1997-98 - 2002-03	1.0	1.0

Winter peaking system

(1) The 1993-94 estimate is based on 8 months of actual data. Annual system energy requirements are projected to reflect remaining gas conversion in 1993-94 and 1994-95 and conservative growth throughout the forecast period.

(2) Projected load factors are based on the 1991-92 to 1992-93 historical average.

(3) Projected annual peak demand is calculated as:

(Annual Energy Requirements)/(Load Factor/100)/8760

Table III-4

City of Salem, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
(138 kV)

Year (April thru March)	Annual Peak Demand		Annual Energy Requirements		Load Factor	
	MW	%Inc	MWh	%Inc	%	
1981-82	1.643	-	7,104.000	-	49.4	
1982-83	1.781	8.4	8,419.441	18.5	54.0	
1983-84	1.793	0.7	8,471.590	0.6	53.9	
1984-85	1.806	0.7	8,457.845	-0.2	53.5	
1985-86	1.676	-7.2	8,313.108	-1.7	56.6	
1986-87	1.700	1.4	8,153.901	-1.9	54.8	
1987-88	1.753	3.1	8,273.243	1.5	53.9	
1988-89	1.917	9.4	8,821.121	6.6	52.5	
1989-90	1.735	-9.5	8,660.921	-1.8	57.0	
1990-91	1.992	14.8	8,705.453	0.5	49.9	
1991-92	1.910	-4.1	8,687.539	-0.2	51.9	
1992-93	2.128	11.4	9,687.444	11.5	52.0	
1993-94	2.198 (3)	3.3	10,011.555 (1)	3.3	52.0	(2)
1994-95	2.264	3.0	10,331.925	3.2	52.1	
1995-96	2.325	2.7	10,631.551	2.9	52.2	
1996-97	2.381	2.4	10,907.971	2.6	52.3	
1997-98	2.431	2.1	11,158.854	2.3	52.4	
1998-99	2.470	1.6	11,382.031	2.0	52.6	
1999-00	2.515	1.8	11,609.672	2.0	52.7	
2000-01	2.560	1.8	11,841.865	2.0	52.8	
2001-02	2.607	1.8	12,078.702	2.0	52.9	
2002-03	2.654	1.8	12,320.276	2.0	53.0	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	2.4	2.9
1987-88 - 1992-93	4.0	3.2
1992-93 - 1997-98	2.7	2.9
1997-98 - 2002-03	1.8	2.0

Winter peaking system

(1) The 1993-94 estimate is based on 8 months of actual data. In 1992 and 1993, Salem experienced extensive growth mainly from new residential construction. Annual energy requirements are projected to reflect the the continuation of new home construction throughout the forecast period.

(2) Projected load factors are expected to gradually increase throughout the forecast period.

(3) Projected annual peak demand is calculated as:

(Annual Energy Requirements)/(Load Factor/100)/8760

Table III-5

HISTORICAL DATA FOR PROVO
Residential and General Service Classes

Year (April thru March)	Customers	Energy Requirements (MWh)	Revenue ($)	PCE(1)	Price of Electricity	
					Actual (mills/ kWh)(2)	Real (1982 mills/ kWh)(3)
1981-82	20,990	316,622.600	9,044,484	95.1	28.6	30.1
1982-83	21,093	320,809.000	9,749,690	100.0	30.8	30.8
1983-84	21,332	337,870.200	11,805,233	104.7	34.9	33.3
1984-85	21,573	336,395.600	12,187,918	108.1	36.2	33.5
1985-86	22,061	347,281.530	13,436,620	111.8	38.7	34.6
1986-87	23,286	353,354.300	15,087,595	114.3	42.7	37.4
1987-88	23,394	369,330.450	20,011,701	119.5	54.2	45.4
1988-89	23,504	403,413.016	25,112,065	124.5	62.2	50.0
1989-90	23,615	411,322.700	28,197,410	130.4	68.6	52.6
1990-91	24,222	431,367.800	29,017,249	137.1	67.3	49.1
1991-92	24,721	431,360.000	30,258,014	142.6	70.1	49.2
1992-93	25,470	453,359.600	32,853,734	147.6	72.5	49.1

(1) Implicit Price Deflator for Personal Consumption Expenditures (PCE), U.S. Department of Commerce.

(2) Revenue ($) / Energy Requirements (MWh)

(3) Actual Price of Electricity (mills/kWh) / (PCE / 100)

Table III-6

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
City of Provo without Brigham Young University
(138 kV)
BASE SCENARIO

Year (April thru March)	Annual Peak Demand		Annual Energy Requirements		Load Factor	
	Base Load MW	%Inc	Base Load MWh	%Inc	%	
1981-82	-	-	316,622.600	-	-	
1982-83	-	-	320,809.000	1.3	-	
1983-84	-	-	337,870.200	5.3	-	
1984-85	63.260	-	336,395.600	-0.4	60.7	
1985-86	67.476	6.7	347,281.530	3.2	58.8	
1986-87	70.468	4.4	353,354.300	1.7	57.2	
1987-88	69.752	-1.0	369,330.450	4.5	60.4	
1988-89	76.121	9.1	403,413.016	9.2	60.5	
1989-90	86.210	13.3	411,322.700	2.0	54.5	
1990-91	86.361	0.2	431,367.800	4.9	57.0	
1991-92	86.357	0.0	431,360.000	0.0	57.0	
1992-93	92.437	7.0	453,359.600	5.1	56.0	
1993-94	83.829 (1)	-9.3	455,341.421 (2)	0.4	62.0	
1994-95	95.954 (4)	14.5	479,116.103	5.2	57.0	(3)
1995-96	98.523	2.7	491,943.566	2.7	57.0	
1996-97	101.149	2.7	505,059.657	2.7	57.0	
1997-98	103.113	1.9	514,863.701	1.9	57.0	
1998-99	105.113	1.9	524,849.688	1.9	57.0	
1999-00	107.132	1.9	534,931.409	1.9	57.0	
2000-01	109.188	1.9	545,198.961	1.9	57.0	
2001-02	111.265	1.9	555,566.189	1.9	57.0	
2002-03	113.379	1.9	566,123.245	1.9	57.0	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	-	3.3
1987-88 - 1992-93	5.8	4.2
1992-93 - 1997-98	2.2	2.6
1997-98 - 2002-03	1.9	1.9

Summer peaking system

(1) Actual.

(2) The 1993-94 estimate is based on 8 months of actual data. Projected values from 1994-95 to 2002-03 are based on the following econometric model (1970 - 1993 data base):

MWH = -176,694.67 + 17.7367(PRCUST) + 0.4418(PRTAX)
- 440.6983(PRPRIC)

MWH = Provo without BYU Annual Energy Requirements (MWh)
PRCUST = Provo Residential and General Service Customers
PRTAX = Provo Real Gross Taxable Sales (1982 000$)
PRPRIC = Provo Real Price of Electricity for Residential and General Service Customers (1982 mills/kWh)

(3) Projected load factors are based on the 1988-89 to 1992-93 historical average.

(4) Projected annual peak demand is calculated as:

(Annual Energy Requirements)/(Load Factor/100)/ 8760

Table III-7

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
Brigham Young University

Year (April thru March)	Peak Demand (1) MW	%Inc	Energy Requirements MWh	%Inc	Load Factor %
1981-82	-	-	81,470.400	-	-
1982-83	-	-	81,096.000	-0.5	-
1983-84	-	-	84,604.800	4.3	-
1984-85	15.940	-	85,790.400	1.4	61.4
1985-86	15.424	-3.2	88,780.800	3.5	65.7
1986-87	16.032	3.9	90,897.600	2.4	64.7
1987-88	16.248	1.3	93,772.800	3.2	65.9
1988-89	16.479	1.4	96,115.200	2.5	66.6
1989-90	17.060	3.5	96,556.800	0.5	64.6
1990-91	17.312	1.5	97,828.800	1.3	64.5
1991-92	17.356	0.3	99,796.800	2.0	65.6
1992-93	17.996	3.7	102,331.200	2.5	64.9
1993-94	18.372 (2)	2.1	103,113.864 (3)	0.8	64.1 (4)
1994-95	18.592 (5)	1.2	104,557.458	1.4	64.2
1995-96	18.823	1.2	106,021.263	1.4	64.3
1996-97	19.056	1.2	107,505.560	1.4	64.4
1997-98	19.293	1.2	109,010.638	1.4	64.5
1998-99	19.533	1.2	110,536.787	1.4	64.6
1999-00	19.776	1.2	112,084.302	1.4	64.7
2000-01	20.022	1.2	113,653.482	1.4	64.8
2001-02	20.271	1.2	115,244.631	1.4	64.9
2002-03	20.523	1.2	116,858.056	1.4	65.0

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	-	2.1
1987-88 - 1992-93	2.1	1.8
1992-93 - 1997-98	1.4	1.3
1997-98 - 2002-03	1.2	1.4

Summer peaking customer (usually September)
Not monthly coincident with Provo summer peak

(1) Demand in Provo peak month.

(2) Actual.

(3) The 1993-94 estimate is based on 8 months of actual data. Projected values from 1994-95 to 2002-03 are based on an estimated annual growth rate of 1.4% provided by BYU personnel. Although the BYU campus is continuing to expand, maintenance personnel are continuing with demand side management policies, such as installing variable speed motors throughout the heating and cooling systems, retrofitting other motors to reduce electic consumption and installing electronic ballasts throughout the campus.

(4) BYU personnel expect the campus load factor to gradually increase throughout the forecast period.

(5) Projected annual peak demand is calculated as:

(Annual Energy Requirements)/(Load Factor/100)/ 8760

Table III-8

City of Provo, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
(138 kV)
BASE SCENARIO

Year (April thru March)	Annual Peak Demand MW	%Inc	Annual Energy Requirements MWh	%Inc	Load Factor %	
1981-82	74.500	-	398,093.000	-	61.0	
1982-83	78.200	5.0	401,905.000	1.0	58.7	
1983-84	83.700	7.0	422,475.000	5.1	57.6	
1984-85	79.200	-5.4	422,186.000	-0.1	60.9	
1985-86	82.900	4.7	436,062.330	3.3	60.0	
1986-87	86.500	4.3	444,251.900	1.9	58.6	
1987-88	86.000	-0.6	463,103.250	4.2	61.5	
1988-89	92.600	7.7	499,528.216	7.9	61.6	
1989-90	103.270	11.5	507,879.500	1.7	56.1	
1990-91	103.673	0.4	529,196.600	4.2	58.3	
1991-92	103.713	0.0	531,156.800	0.4	58.5	
1992-93	110.433	6.5	555,690.800	4.6	57.4	
1993-94	102.201 (1)	-7.5	558,455.285 (2)	0.5	62.4	(3)
1994-95	114.546	12.1	583,673.561	4.5	58.2	
1995-96	117.346	2.4	597,964.829	2.4	58.2	
1996-97	120.205	2.4	612,565.217	2.4	58.2	
1997-98	122.406	1.8	623,874.339	1.8	58.2	
1998-99	124.646	1.8	635,386.475	1.8	58.2	
1999-00	126.908	1.8	647,015.711	1.8	58.2	
2000-01	129.210	1.8	658,852.443	1.8	58.2	
2001-02	131.536	1.8	670,810.820	1.8	58.2	
2002-03	133.902	1.8	682,981.301	1.8	58.2	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	3.6	3.1
1987-88 - 1992-93	5.1	3.7
1992-93 - 1997-98	2.1	2.3
1997-98 - 2002-03	1.8	1.8

Summer peaking system

(1) Actual.

(2) The 1993-94 estimate is based on 8 months of actual data. Projected annual Provo peak demand and energy requirements are the sum of the projected Provo without BYU peak demand and energy requirements - base scenario (Table III-6) and the projected BYU peak demand and energy requirements (Table III-7).

(3) Projected annual load factor is calculated as:

(Annual Energy Requirements)/(Annual Peak Demand)/ 8760 * 100

Table III-9

HISTORICAL AND PROJECTED ANNUAL PEAK DEMAND AND ENERGY REQUIREMENTS
City of Provo without Brigham Young University (138 kV)
HIGH SCENARIO

Year (April thru March)	Annual Peak Demand				Annual Energy Requirements				Load Factor
	Base Load MW (1)	Addtl Loads MW	Total MW	%Inc	Base Load MWh (1)	Addtl Loads MWh	Total MWh	%Inc	%
1981-82	-		-	-	316,622.600		316,622.600	-	-
1982-83	-		-	-	320,809.000		320,809.000	1.3	-
1983-84	-		-	-	337,870.200		337,870.200	5.3	-
1984-85	63.260		63.260	-	336,395.600		336,395.600	-0.4	60.7
1985-86	67.476		67.476	6.7	347,281.530		347,281.530	3.2	58.8
1986-87	70.468		70.468	4.4	353,354.300		353,354.300	1.7	57.2
1987-88	69.752		69.752	-1.0	369,330.450		369,330.450	4.5	60.4
1988-89	76.121		76.121	9.1	403,413.016		403,413.016	9.2	60.5
1989-90	86.210		86.210	13.3	411,322.700		411,322.700	2.0	54.5
1990-91	86.361		86.361	0.2	431,367.800		431,367.800	4.9	57.0
1991-92	86.357		86.357	0.0	431,360.000		431,360.000	0.0	57.0
1992-93	92.437		92.437	7.0	453,359.600		453,359.600	5.1	56.0
1993-94	83.829	0.000 (2)	83.829	-9.3	455,341.421	0.000 (2)	455,341.421	0.4	62.0 (3)
1994-95	95.954	1.000	96.954	15.7	479,116.103	5,256.000	484,372.103	6.4	57.0
1995-96	98.523	3.000	101.523	4.7	491,943.566	15,768.000	507,711.566	4.8	57.1
1996-97	101.149	10.000	111.149	9.5	505,059.657	49,056.000	554,115.657	9.1	56.9
1997-98	103.113	15.500	118.613	6.7	514,863.701	75,774.000	590,637.701	6.6	56.8
1998-99	105.113	19.000	124.113	4.6	524,849.688	93,732.000	618,581.688	4.7	56.9
1999-00	107.132	22.000	129.132	4.0	534,931.409	109,500.000	644,431.409	4.2	57.0
2000-01	109.188	25.000	134.188	3.9	545,198.961	125,268.000	670,466.961	4.0	57.0
2001-02	111.265	27.000	138.265	3.0	555,566.189	135,780.000	691,346.189	3.1	57.1
2002-03	113.379	29.000	142.379	3.0	566,123.245	146,292.000	712,415.245	3.0	57.1
Average Annual Compound Growth Rates, % :									
1981-82 - 1992-93				-				3.3	
1987-88 - 1992-93				5.8				4.2	
1992-93 - 1997-98				5.1				5.4	
1997-98 - 2002-03				3.7				3.8	

Summer peaking system

(1) See Table III-6.

(2) Includes the following new loads (MW):

	Riverwoods (60% LF)	South Provo Mall (50% LF)	State Hospital (50% LF)	Ironton (60% LF)	Total
1993-94					0.00
1994-95	1.00				1.00
1995-96	2.00				2.00
1996-97	3.00	4.00			7.00
1997-98	3.00		2.50		5.50
1998-99	2.00		0.50	1.00	3.50
1999-00	2.00			1.00	3.00
2000-01	2.00			1.00	3.00
2001-02	2.00				2.00
2002-03	2.00				2.00
Total	19.00	4.00	3.00	3.00	29.00

(3) Projected annual load factor is calculated as:

(Annual Energy Requirements)/(Annual Peak Demand)/ 8760 * 100

Table III-10

City of Provo, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
(138 kV)
HIGH SCENARIO

Year (April thru March)	Annual Peak Demand		Annual Energy Requirements		Load Factor	
	MW	%Inc	MWh	%Inc	%	
1981-82	74.500	-	398,093.000	-	61.0	
1982-83	78.200	5.0	401,905.000	1.0	58.7	
1983-84	83.700	7.0	422,475.000	5.1	57.6	
1984-85	79.200	-5.4	422,186.000	-0.1	60.9	
1985-86	82.900	4.7	436,062.330	3.3	60.0	
1986-87	86.500	4.3	444,251.900	1.9	58.6	
1987-88	86.000	-0.6	463,103.250	4.2	61.5	
1988-89	92.600	7.7	499,528.216	7.9	61.6	
1989-90	103.270	11.5	507,879.500	1.7	56.1	
1990-91	103.673	0.4	529,196.600	4.2	58.3	
1991-92	103.713	0.0	531,156.800	0.4	58.5	
1992-93	110.433	6.5	555,690.800	4.6	57.4	
1993-94	102.201 (1)	-7.5	558,455.285 (2)	0.5	62.4	(3)
1994-95	115.546	13.1	588,929.561	5.5	58.2	
1995-96	120.346	4.2	613,732.829	4.2	58.2	
1996-97	130.205	8.2	661,621.217	7.8	58.0	
1997-98	137.906	5.9	699,648.339	5.7	57.9	
1998-99	143.646	4.2	729,118.475	4.2	57.9	
1999-00	148.908	3.7	756,515.711	3.8	58.0	
2000-01	154.210	3.6	784,120.443	3.6	58.0	
2001-02	158.536	2.8	806,590.820	2.9	58.1	
2002-03	162.902	2.8	829,273.301	2.8	58.1	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	3.6	3.1
1987-88 - 1992-93	5.1	3.7
1992-93 - 1997-98	4.5	4.7
1997-98 - 2002-03	3.4	3.5

Summer peaking system

(1) Actual.

(2) The 1993-94 estimate is based on 8 months of actual data. Projected annual Provo peak demand and energy requirements are the sum of the projected Provo without BYU peak demand and energy requirements - high scenario (Table III-9) and the projected BYU peak demand and energy requirements (Table III-7).

(3) Projected annual load factor is calculated as:

(Annual Energy Requirements)/(Annual Peak Demand)/ 8760 * 100

Table III-11

HISTORICAL DATA FOR SPANISH FORK

Year (April thru March)	Customers	Energy Requirements (MWh)	Revenue ($)	PCE(1)	Price of Electricity	
					Actual (mills/ kWh)(2)	Real (1982 mills/ kWh)(3)
1983-84	3,384	48,168.183	2,554,958	104.7	53.0	50.7
1984-85	3,512	49,674.821	2,738,738	108.1	55.1	51.0
1985-86	3,586	51,655.660	2,905,232	111.8	56.2	50.3
1986-87	3,595	53,882.976	3,382,327	114.3	62.8	54.9
1987-88	3,630	55,330.712	3,585,457	119.5	64.8	54.2
1988-89	3,668	59,665.549	3,933,331	124.5	65.9	53.0
1989-90	3,721	62,744.875	4,177,979	130.4	66.6	51.1
1990-91	3,765	65,096.170	4,211,373	137.1	64.7	47.2
1991-92	3,830	69,716.551	4,522,857	142.6	64.9	45.5
1992-93	3,965	74,433.242	5,158,147	147.6	69.3	47.0

(1) Implicit Price Deflator for Personal Consumption Expenditures (PCE), U.S. Department of Commerce.

(2) Revenue ($) / Energy Requirements (MWh)

(3) Actual Price of Electricity (mills/kWh) / (PCE / 100)

Table III-12

City of Spanish Fork, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK
DEMAND AND ENERGY REQUIREMENTS
(138 kV)
BASE SCENARIO

Year (April thru March)	Annual Peak Demand MW	%Inc	Annual Energy Requirements MWh	%Inc	Load Factor %	
1981-82	9.275	-	45,295.000	-	55.7	
1982-83	8.852	-4.6	46,721.898	3.2	60.3	
1983-84	9.609	8.6	48,168.183	3.1	57.2	
1984-85	8.943	-6.9	49,674.821	3.1	63.4	
1985-86	9.886	10.5	51,655.660	4.0	59.6	
1986-87	9.984	1.0	53,882.976	4.3	61.6	
1987-88	9.606	-3.8	55,330.712	2.7	65.8	
1988-89	10.383	8.1	59,665.549	7.8	65.6	
1989-90	11.483	10.6	62,744.875	5.2	62.4	
1990-91	11.399	-0.7	65,096.170	3.7	65.2	
1991-92	12.652	11.0	69,716.551	7.1	62.9	
1992-93	13.276	4.9	74,433.242	6.8	64.0	
1993-94	13.974 (1)	5.3	82,907.284 (2)	11.4	67.7	(3)
1994-95	15.231 (4)	9.0	85,415.922	3.0	64.0	
1995-96	15.648	2.7	87,727.047	2.7	64.0	
1996-97	16.037	2.5	89,908.651	2.5	64.0	
1997-98	16.406	2.3	91,977.720	2.3	64.0	
1998-99	16.757	2.1	93,944.735	2.1	64.0	
1999-00	17.113	2.1	95,944.988	2.1	64.0	
2000-01	17.488	2.2	98,046.096	2.2	64.0	
2001-02	17.860	2.1	100,131.925	2.1	64.0	
2002-03	18.238	2.1	102,252.262	2.1	64.0	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	3.3	4.6
1987-88 - 1992-93	6.7	6.1
1992-93 - 1997-98	4.3	4.3
1997-98 - 2002-03	2.1	2.1

Summer peaking system except 1987-88, 1988-89 and 1989-90.

(1) Actual.

(2) The 1993-94 estimate is based on 8 months of actual data. Projected values from 1994-95 to 2002-03 are based on an econometric model representing base load and an estimate of expanded industrial loads located in Spanish Fork. The econometric model (1970 - 1993 data base) is as follows:

MWH = -4903.2494 + 0.7046(MWH(-1)) + 0.2474(UCTEMP)

MWH = Spanish Fork Annual Energy Requirements (MWh)
MWH(-1)= Spanish Fork Annual Energy Requirements from the previous year (MWh)
UCTEMP = Utah County Total Employment

(3) Projected load factors are based on the 1988-89 to 1992-93 historical average.

(4) Projected annual peak demand is calculated as:

(Annual Energy Requirements)/(Load Factor/100)/8760

Table III-13

City of Spanish Fork, Utah

HISTORICAL AND PROJECTED ANNUAL PEAK AND ENERGY REQUIREMENTS
HIGH SCENARIO

Year (April thru March)	Annual Peak Demand				Annual Energy Requirements				Load Factor
	Base Load MW (1)	Addtl Loads MW	Total MW	%Inc	Base Load MWh (1)	Addtl Loads MWh	Total MWh	%Inc	%
1981-82	9.275		9.275	-	45,295.000		45,295.000	-	55.7
1982-83	8.852		8.852	-4.6	46,721.898		46,721.898	3.2	60.3
1983-84	9.609		9.609	8.6	48,168.183		48,168.183	3.1	57.2
1984-85	8.943		8.943	-6.9	49,674.821		49,674.821	3.1	63.4
1985-86	9.886		9.886	10.5	51,655.660		51,655.660	4.0	59.6
1986-87	9.984		9.984	1.0	53,882.976		53,882.976	4.3	61.6
1987-88	9.606		9.606	-3.8	55,330.712		55,330.712	2.7	65.8
1988-89	10.383		10.383	8.1	59,665.549		59,665.549	7.8	65.6
1989-90	11.483		11.483	10.6	62,744.875		62,744.875	5.2	62.4
1990-91	11.399		11.399	-0.7	65,096.170		65,096.170	3.7	65.2
1991-92	12.652		12.652	11.0	69,716.551		69,716.551	7.1	62.9
1992-93	13.276		13.276	4.9	74,433.242		74,433.242	6.8	64.0
1993-94	13.974	0.000 (2)	13.974	5.3	82,907.284	0.000 (2)	82,907.284	11.4	67.7 (3)
1994-95	15.231	1.800	17.031	21.9	85,415.922	8,584.800	94,000.722	13.4	63.0
1995-96	15.648	2.800	18.448	8.3	87,727.047	12,964.800	100,691.847	7.1	62.3
1996-97	16.037	2.800	18.837	2.1	89,908.651	12,964.800	102,873.451	2.2	62.3
1997-98	16.406	2.800	19.206	2.0	91,977.720	12,964.800	104,942.520	2.0	62.4
1998-99	16.757	4.800	21.557	12.2	93,944.735	23,476.800	117,421.535	11.9	62.2
1999-00	17.113	4.800	21.913	1.7	95,944.988	23,476.800	119,421.788	1.7	62.2
2000-01	17.488	4.800	22.288	1.7	98,046.096	23,476.800	121,522.896	1.8	62.2
2001-02	17.860	4.800	22.660	1.7	100,131.925	23,476.800	123,608.725	1.7	62.3
2002-03	18.238	4.800	23.038	1.7	102,252.262	23,476.800	125,729.062	1.7	62.3
Average Annual Compound Growth Rates, % :									
1981-82 - 1992-93				3.3				4.6	
1987-88 - 1992-93				6.7				6.1	
1992-93 - 1997-98				7.7				4.3	
1997-98 - 2002-03				3.7				2.1	
1992-93 - 2002-03				5.7				5.4	

Summer peaking system except 1987-88, 1988-89 and 1989-90.

(1) See Table III-12.

(2) Includes the following new loads (MW):

	Cressona (60% LF)	Bushman Press (60% LF)	Utah Co. Jail (40% LF)	Total
1993-94				0.00
1994-95	1.30		0.50	1.80
1995-96		0.50	0.50	1.00
1996-97				0.00
1997-98				0.00
1998-99	1.50	0.50		2.00
1999-00				0.00
2000-01				0.00
2001-02				0.00
2002-03				0.00
Total	2.80	1.00	1.00	4.80

(3) Projected annual load factor is calculated as:

(Annual Energy Requirements)/(Annual Peak Demand)/ 8760 * 100

MONTHLY FORECASTS AND COMPOSITE UMPA

FISCAL YEAR FORECASTS

As previously described, this Load Forecast Study Update involved the development of annual forecasts for each member city of UMPA. These annual forecasts are represented by the 12 month period beginning in April of each year. In order to provide a composite UMPA forecast of energy requirements and peak demand on a fiscal year basis (represented by the 12 month period beginning in July), each Member's annual forecast was broken down into a monthly forecast. This Section provides monthly forecasts of each Member, the composite UMPA monthly forecast and the fiscal year forecast for the composite UMPA under the "base" and "high" scenarios.

Monthly Forecasts - "Base" and "High" Scenarios

The monthly forecasts for each Member is shown in Table IV-1 for the "base" scenario and Table IV-2 for the "high" scenario. For each Member, historical ratios of monthly energy requirements to annual energy requirements were calculated based on the average of the five year period 1988-89 through 1992-93. These ratios were applied to each Member's annual forecast of energy requirements ("base" and "high" scenarios) to calculate monthly energy requirements. In addition, historical ratios of monthly peak demand to annual peak demand were calculated based on the average of the same five year period. These ratios were applied to each Member's annual forecast of peak demand ("base" and "high" scenarios). The Members' individual annual peak demand occurs in the following months:

UMPA Member	Peak Month
Levan	May
Manti	July
Nephi	January

Salem	December
Provo:	
Provo w/o BYU	August
BYU	September
Total Provo	August
Spanish Fork	August

Composite UMPA Fiscal Year Forecasts - "Base" and "High" Scenarios

Tables IV-1 and IV-2 also show the composite UMPA monthly forecast under the "base" and "high" scenarios, respectively. As shown, the month in which composite UMPA is projected to peak as a system on a fiscal year basis is August. On a summer/winter seasonal basis, the composite UMPA load is projected to peak as a system during the summer in August and during the winter in December. Tables IV-3 and IV-4 show the composite UMPA fiscal year forecast under the "base" and "high" scenarios, respectively.

In summary, this Load Forecast Study Update involved the development of annual forecasts for each Member city of UMPA and a fiscal year forecast for composite UMPA that resulted in the following average annual compound growth rates for the forecast period 1994-95 through 2002-03:

UMPA Member	Peak Demand	Energy Requirements
Levan	0.6%	0.5%
Manti	1.6%	1.0%
Nephi	0.8%	1.0%
Salem	2.0%	2.2%
Provo ("Base")	2.0%	2.2%
Spanish Fork ("Base")	2.3%	2.3%
Provo ("High")	4.4%	4.4%
Spanish Fork ("High")	3.8%	3.7%

Table IV-1

UTAH MUNICIPAL POWER AGENCY
1994 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	1993 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1994 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	609	625	409	432	583	505	496	464	411	538	748	676	748	6,496
MANTI	2,708	2,991	2,475	2,591	2,606	2,647	2,551	2,480	2,294	2,337	2,659	2,872	2,991	31,210
NEPHI	5,510	5,322	4,913	5,523	6,438	7,016	7,167	6,787	6,121	5,953	6,080	5,481	7,167	72,312
PROVO														
Provo w/o BYU	83,117	83,829	78,865	68,373	71,810	68,656	67,985	69,243	62,788	66,016	75,708	90,389	90,389	886,779
BYU	18,356	18,372	19,136	18,712	16,000	15,950	15,930	16,105	16,027	17,258	16,807	17,592	19,136	206,245
Total Provo	101,473	102,201	98,001	87,085	87,810	84,605	83,915	85,347	78,815	83,275	92,515	107,980	107,980	1,093,023
SALEM	1,679	1,805	1,661	1,734	1,981	2,198	2,044	1,919	1,796	1,675	1,585	1,696	2,198	21,773
SPANISH FORK	13,443	13,974	13,622	12,626	13,850	13,527	13,233	12,646	12,688	12,520	12,870	13,738	13,974	158,739
TOTAL	125,422 Actual	126,918 Actual	121,081 Actual	109,991 Actual	113,268 Actual	110,499	109,408	109,643	102,125	106,297	116,457	132,444	135,058	1,383,553
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	358,294	359,617	169,905	195,569	240,983	232,453	229,652	190,443	187,643	236,022	398,911	372,317	3,171,808	
MANTI	1,242,420	1,208,524	1,116,099	1,142,604	1,251,968	1,449,388	1,464,177	1,242,332	1,227,543	1,105,380	1,135,255	1,209,943	14,795,632	
NEPHI	2,824,950	2,865,792	2,296,771	2,514,073	3,147,371	3,424,410	3,492,220	2,949,739	2,780,214	2,705,664	2,922,117	2,886,042	34,809,363	
PROVO														
Provo w/o BYU	40,828,000	42,542,900	37,308,700	36,772,900	37,526,900	39,614,704	41,436,069	35,971,972	37,337,997	34,017,243	35,933,708	40,724,869	460,015,962	
BYU	9,547,200	9,595,200	9,508,800	8,865,600	8,400,000	8,249,109	7,527,312	8,661,565	7,836,654	8,573,712	7,946,367	8,573,712	103,285,229	
Total Provo	50,375,200	52,138,100	46,817,500	45,638,500	45,926,900	47,863,813	48,963,381	44,633,537	45,174,650	42,590,955	43,880,075	49,298,580	563,301,191	
SALEM	817,534	845,062	765,009	816,421	904,165	981,132	961,109	840,971	830,959	774,894	785,226	795,558	10,118,041	
SPANISH FORK	6,879,410	7,270,669	6,911,694	6,998,528	7,113,092	7,544,563	7,544,563	6,715,490	6,964,212	6,320,778	6,577,026	6,747,858	83,587,883	
TOTAL	62,497,808 Actual	64,687,764 Actual	58,076,978 Actual	57,305,695 Actual	58,584,479 Actual	61,495,758	62,655,103	56,572,512	57,165,220	53,733,693	55,698,610	61,310,297	709,783,918	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
1995 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	1994 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1995 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	648	616	367	485	571	604	594	555	492	546	759	686	759	6,924
MANTI	3,095	2,628	2,498	2,383	2,547	2,739	2,640	2,566	2,374	2,417	2,750	2,971	3,095	31,606
NEPHI	5,773	5,549	4,935	5,953	6,627	7,331	7,488	7,091	6,395	5,910	6,036	5,442	7,488	74,529
PROVO														
Provo w/o BYU	92,020	95,954	85,015	71,582	73,789	78,586	77,819	79,258	71,870	67,784	77,735	92,809	95,954	964,219
BYU	18,514	18,592	19,612	18,729	17,337	16,141	16,121	16,297	16,219	17,473	17,016	17,810	19,612	209,861
Total Provo	110,533	114,546	104,627	90,311	91,125	94,727	93,940	95,555	88,089	85,257	94,751	110,619	114,546	1,174,080
SALEM	1,936	1,904	1,714	1,739	1,972	2,264	2,106	1,976	1,850	1,721	1,628	1,741	2,264	22,549
SPANISH FORK	14,744	15,231	13,723	13,723	14,104	14,744	14,424	13,784	13,830	12,863	13,223	14,114	15,231	168,506
TOTAL	136,729	140,474	127,864	114,594	116,946	122,409	121,191	121,528	113,029	108,712	119,146	135,573	143,383	1,478,194
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	378,965	365,668	166,213	186,158	222,725	275,913	272,589	226,049	222,725	237,202	400,905	374,178	3,329,292	
MANTI	1,254,756	1,224,880	1,150,193	1,165,130	1,254,756	1,463,881	1,478,819	1,254,756	1,239,818	1,116,434	1,146,608	1,222,042	14,972,072	
NEPHI	3,102,495	3,102,495	2,489,211	2,453,135	2,958,193	3,643,627	3,715,778	3,138,570	2,958,193	2,732,721	2,951,338	2,914,902	36,160,657	
PROVO														
Provo w/o BYU	45,036,914	46,474,262	39,287,520	37,850,172	37,371,056	41,683,101	43,599,565	37,850,172	39,287,520	34,927,993	36,895,767	41,815,203	482,079,247	
BYU	9,619,286	9,619,286	9,514,729	9,201,056	8,782,826	8,364,597	7,632,694	8,782,826	7,946,367	8,693,744	8,057,616	8,693,744	104,908,771	
Total Provo	54,656,200	56,093,548	48,802,249	47,051,228	46,153,883	50,047,698	51,232,260	46,632,999	47,233,887	43,621,737	44,953,383	50,508,947	586,988,018	
SALEM	929,873	909,209	774,894	774,894	857,550	1,012,529	991,865	867,882	857,550	797,366	807,998	818,629	10,400,240	
SPANISH FORK	7,516,601	7,772,849	6,918,690	6,918,690	7,004,106	7,772,849	7,772,849	6,918,690	7,174,937	6,491,801	6,754,983	6,930,437	85,947,481	
TOTAL	67,838,890	69,468,650	60,301,449	58,549,236	58,451,211	64,216,497	65,464,160	59,038,945	59,687,110	54,997,261	57,015,215	62,769,135	737,797,760	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
1996 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	1995 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1996 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	657	625	373	493	579	613	603	563	499	549	764	691	764	7,010
MANTI	3,201	2,718	2,583	2,465	2,634	2,833	2,730	2,654	2,455	2,503	2,848	3,076	3,201	32,700
NEPHI	5,732	5,509	4,899	5,910	6,579	7,278	7,434	7,040	6,349	5,964	6,092	5,491	7,434	74,276
PROVO														
Provo w/o BYU	94,484	98,523	87,291	73,498	75,764	80,690	79,902	81,380	73,794	69,591	79,807	95,282	98,523	990,006
BYU	18,744	18,823	19,855	18,962	17,552	16,341	16,321	16,500	16,420	17,689	17,227	18,031	19,855	212,466
Total Provo	113,227	117,346	107,147	92,460	93,316	97,031	96,223	97,880	90,214	87,280	97,033	113,313	117,346	1,202,472
SALEM	1,988	1,955	1,760	1,786	2,025	2,325	2,162	2,030	1,900	1,762	1,667	1,783	2,325	23,142
SPANISH FORK	15,147	15,648	14,099	14,099	14,490	15,147	14,819	14,161	14,208	13,182	13,551	14,465	15,648	173,018
TOTAL	139,952	143,801	130,861	117,212	119,624	125,228	123,971	124,328	115,625	111,240	121,955	138,820	146,718	1,512,617
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	380,860	367,496	167,044	187,089	223,839	277,293	273,952	227,180	223,839	238,388	402,910	376,049	3,345,938	
MANTI	1,267,303	1,237,129	1,161,695	1,176,781	1,267,303	1,478,520	1,493,607	1,267,303	1,252,216	1,127,598	1,158,074	1,234,263	15,121,793	
NEPHI	3,133,520	3,133,520	2,514,103	2,477,667	2,987,774	3,680,064	3,752,936	3,169,956	2,987,774	2,760,048	2,980,852	2,944,051	36,522,264	
PROVO														
Provo w/o BYU	46,242,695	47,718,526	40,339,372	38,863,542	38,371,598	42,799,090	44,766,865	38,863,542	40,339,372	35,859,236	37,879,474	42,930,071	494,973,383	
BYU	9,753,956	9,753,956	9,647,935	9,329,871	8,905,786	8,481,701	7,739,552	8,905,786	8,057,616	8,815,456	8,170,423	8,815,456	106,377,494	
Total Provo	55,996,651	57,472,482	49,987,307	48,193,413	47,277,384	51,280,791	52,506,417	47,769,328	48,396,988	44,674,692	46,049,897	51,745,527	601,350,877	
SALEM	956,840	935,576	797,366	797,366	882,419	1,041,892	1,020,629	893,050	882,419	818,098	829,006	839,914	10,694,575	
SPANISH FORK	7,719,980	7,983,161	7,105,891	7,105,891	7,193,618	7,983,161	7,983,161	7,105,891	7,369,072	6,653,240	6,922,966	7,102,783	88,228,816	
TOTAL	69,455,154	71,129,365	61,733,406	59,938,207	59,832,337	65,741,721	67,030,702	60,432,707	61,112,308	56,272,064	58,343,704	64,242,587	755,264,263	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
1997 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	1996 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1997 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	662	630	375	496	583	617	607	567	503	551	767	693	767	7,050
MANTI	3,315	2,814	2,675	2,553	2,728	2,934	2,828	2,748	2,543	2,526	2,874	3,105	3,315	33,643
NEPHI	5,784	5,559	4,944	5,964	6,639	7,344	7,502	7,104	6,407	6,024	6,153	5,546	7,502	74,970
PROVO														
Provo w/o BYU	97,002	101,149	89,618	75,457	77,784	82,841	82,032	83,549	75,761	70,942	81,356	97,132	101,149	1,014,623
BYU	18,976	19,056	20,101	19,197	17,770	16,543	16,523	16,704	16,624	17,909	17,441	18,255	20,101	215,099
Total Provo	115,977	120,205	109,719	94,654	95,553	99,384	98,555	100,253	92,384	88,851	98,797	115,388	120,205	1,229,721
SALEM	2,036	2,002	1,802	1,829	2,074	2,381	2,214	2,079	1,945	1,799	1,702	1,821	2,381	23,684
SPANISH FORK	15,524	16,037	14,449	14,449	14,850	15,524	15,187	14,513	14,562	13,486	13,863	14,798	16,037	177,243
TOTAL	143,298	147,247	133,965	119,944	122,428	128,185	126,893	127,265	118,343	113,237	124,156	141,351	150,207	1,546,312
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	382,764	369,334	167,879	188,025	224,958	278,679	275,322	228,316	224,958	239,580	404,924	377,929	3,362,668	
MANTI	1,279,976	1,249,501	1,173,311	1,188,549	1,279,976	1,493,305	1,508,543	1,279,976	1,264,738	1,138,874	1,169,654	1,246,605	15,273,010	
NEPHI	3,164,855	3,164,855	2,539,244	2,502,443	3,017,652	3,716,864	3,790,466	3,201,655	3,017,652	2,787,648	3,010,660	2,973,491	36,887,486	
PROVO														
Provo w/o BYU	47,475,608	48,990,787	41,414,892	39,899,713	39,394,653	43,940,190	45,960,429	39,899,713	41,414,892	36,555,323	38,614,778	43,763,415	507,324,391	
BYU	9,890,512	9,890,512	9,783,006	9,460,489	9,030,467	8,600,445	7,847,906	9,030,467	8,170,423	8,938,872	8,284,808	8,938,872	107,866,779	
Total Provo	57,366,119	58,881,298	51,197,898	49,360,202	48,425,120	52,540,635	53,808,335	48,930,180	49,585,314	45,494,195	46,899,586	52,702,287	615,191,170	
SALEM	981,717	959,901	818,098	818,098	905,362	1,068,981	1,047,165	916,270	905,362	836,914	848,073	859,232	10,965,172	
SPANISH FORK	7,911,961	8,181,687	7,282,601	7,282,601	7,372,509	8,181,687	8,181,687	7,282,601	7,552,327	6,806,351	7,082,284	7,266,240	90,384,537	
TOTAL	71,087,393	72,806,576	63,179,031	61,339,918	61,225,578	67,280,152	68,611,518	61,838,997	62,550,351	57,303,563	59,415,182	65,425,785	772,064,044	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
1998 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	1997 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1998 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	664	632	377	498	585	620	609	569	505	554	771	697	771	7,081
MANTI	3,346	2,841	2,700	2,576	2,754	2,961	2,854	2,774	2,566	2,552	2,903	3,137	3,346	33,965
NEPHI	5,842	5,615	4,993	6,024	6,706	7,418	7,577	7,175	6,471	6,084	6,214	5,602	7,577	75,720
PROVO														
Provo w/o BYU	98,885	103,113	91,358	76,922	79,294	84,450	83,625	85,171	77,232	72,318	82,934	99,016	103,113	1,034,318
BYU	19,212	19,293	20,351	19,435	17,991	16,749	16,729	16,912	16,830	18,132	17,658	18,482	20,351	217,774
Total Provo	118,097	122,406	111,709	96,358	97,284	101,199	100,353	102,083	94,062	90,450	100,592	117,499	122,406	1,252,092
SALEM	2,079	2,044	1,840	1,867	2,117	2,431	2,261	2,122	1,986	1,828	1,729	1,850	2,431	24,155
SPANISH FORK	15,881	16,406	14,782	14,782	15,192	15,881	15,536	14,847	14,897	13,774	14,160	15,115	16,406	181,253
TOTAL	145,909	149,944	136,402	122,104	124,638	130,509	129,191	129,571	120,487	115,242	126,369	143,899	152,937	1,574,266
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	384,678	371,181	168,718	188,965	226,083	280,073	276,698	229,457	226,083	240,778	406,949	379,819	3,379,481	
MANTI	1,292,776	1,261,995	1,185,045	1,200,435	1,292,776	1,508,239	1,523,629	1,292,776	1,277,386	1,150,263	1,181,351	1,259,071	15,425,740	
NEPHI	3,196,503	3,196,503	2,564,636	2,527,468	3,047,829	3,754,033	3,828,370	3,233,672	3,047,829	2,815,525	3,040,767	3,003,226	37,256,361	
PROVO														
Provo w/o BYU	48,397,188	49,941,779	42,218,823	40,674,232	40,159,369	44,793,142	46,852,597	40,674,232	42,218,823	37,264,328	39,363,727	44,612,223	517,170,464	
BYU	10,028,979	10,028,979	9,919,968	9,592,936	9,156,894	8,720,851	7,957,777	9,156,894	8,284,808	9,064,017	8,400,796	9,064,017	109,376,914	
Total Provo	58,426,167	59,970,758	52,138,792	50,267,169	49,316,262	53,513,993	54,810,373	49,831,126	50,503,632	46,328,344	47,764,522	53,676,240	626,547,378	
SALEM	1,004,297	981,979	836,914	836,914	926,185	1,093,568	1,071,250	937,344	926,185	853,652	865,034	876,416	11,209,738	
SPANISH FORK	8,094,039	8,369,973	7,450,195	7,450,195	7,542,173	8,369,973	8,369,973	7,450,195	7,726,128	6,951,910	7,233,745	7,421,634	92,430,133	
TOTAL	72,398,460	74,152,389	64,344,300	62,471,145	62,351,308	68,519,877	69,880,293	62,974,570	63,707,242	58,340,473	60,492,368	66,616,407	786,248,832	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
1999 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	1998 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1999 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	668	635	379	500	588	623	612	572	507	557	775	701	775	7,118
MANTI	3,380	2,870	2,728	2,603	2,782	2,991	2,883	2,802	2,592	2,578	2,933	3,168	3,380	34,309
NEPHI	5,900	5,671	5,043	6,084	6,773	7,492	7,653	7,247	6,536	6,145	6,276	5,658	7,653	76,478
PROVO														
Provo w/o BYU	100,803	105,113	93,130	78,414	80,832	86,088	85,247	86,823	78,730	73,707	84,527	100,918	105,113	1,054,332
BYU	19,451	19,533	20,604	19,677	18,214	16,957	16,937	17,122	17,040	18,357	17,878	18,712	20,604	220,483
Total Provo	120,254	124,646	113,735	98,092	99,046	103,045	102,183	103,946	95,770	92,064	102,405	119,630	124,646	1,274,815
SALEM	2,112	2,077	1,870	1,897	2,151	2,470	2,297	2,156	2,018	1,861	1,761	1,884	2,470	24,554
SPANISH FORK	16,221	16,757	15,098	15,098	15,517	16,221	15,869	15,165	15,215	14,067	14,460	15,436	16,757	185,124
TOTAL	148,535	152,656	138,852	124,274	126,857	132,842	131,498	131,889	122,638	117,272	128,609	146,477	155,681	1,602,398
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	386,601	373,037	169,562	189,909	227,213	281,473	278,082	230,604	227,213	241,982	408,984	381,718	3,396,379	
MANTI	1,305,704	1,274,615	1,196,895	1,212,439	1,305,704	1,523,321	1,538,865	1,305,704	1,290,160	1,161,765	1,193,164	1,271,662	15,579,998	
NEPHI	3,228,468	3,228,468	2,590,283	2,552,742	3,078,307	3,791,573	3,866,654	3,266,009	3,078,307	2,843,680	3,071,174	3,033,259	37,628,925	
PROVO														
Provo w/o BYU	49,335,871	50,910,420	43,037,674	41,463,125	40,938,276	45,661,923	47,761,322	41,463,125	43,037,674	37,980,130	40,119,856	45,469,170	527,178,566	
BYU	10,169,384	10,169,384	10,058,848	9,727,237	9,285,090	8,842,943	8,069,185	9,285,090	8,400,796	9,190,913	8,518,407	9,190,913	110,908,191	
Total Provo	59,505,255	61,079,804	53,096,522	51,190,363	50,223,366	54,504,866	55,830,507	50,748,215	51,438,470	47,171,043	48,638,263	54,660,083	638,086,756	
SALEM	1,024,383	1,001,619	853,652	853,652	944,709	1,115,439	1,092,675	956,091	944,709	870,725	882,335	893,945	11,433,933	
SPANISH FORK	8,267,137	8,548,971	7,609,524	7,609,524	7,703,468	8,548,971	8,548,971	7,609,524	7,891,358	7,099,929	7,387,764	7,579,654	94,404,793	
TOTAL	73,717,548	75,506,514	65,516,438	63,608,630	63,482,766	69,765,643	71,155,754	64,116,146	64,870,216	59,389,125	61,581,684	67,820,320	800,530,784	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
2000 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	1999 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2000 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	671	639	381	503	591	626	615	575	510	560	779	704	779	7,154
MANTI	3,414	2,898	2,755	2,629	2,810	3,021	2,912	2,830	2,619	2,603	2,962	3,200	3,414	34,653
NEPHI	5,959	5,727	5,093	6,145	6,840	7,567	7,729	7,319	6,601	6,206	6,338	5,714	7,729	77,238
PROVO														
Provo w/o BYU	102,740	107,132	94,919	79,920	82,385	87,741	86,884	88,491	80,242	75,121	86,149	102,855	107,132	1,074,579
BYU	19,693	19,776	20,861	19,922	18,441	17,168	17,148	17,335	17,252	18,586	18,100	18,945	20,861	223,226
Total Provo	122,432	126,908	115,780	99,842	100,825	104,910	104,032	105,826	97,494	93,707	104,249	121,800	126,908	1,297,805
SALEM	2,150	2,115	1,904	1,932	2,191	2,515	2,339	2,196	2,055	1,894	1,792	1,917	2,515	25,000
SPANISH FORK	16,565	17,113	15,419	15,419	15,847	16,565	16,206	15,487	15,539	14,375	14,777	15,774	17,113	189,087
TOTAL	151,192	155,400	141,331	126,469	129,104	135,204	133,833	134,234	124,816	119,346	130,898	149,110	158,458	1,630,937
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	388,534	374,902	170,410	190,859	228,349	282,880	279,472	231,757	228,349	243,192	411,029	383,627	3,413,360	
MANTI	1,318,761	1,287,362	1,208,864	1,224,563	1,318,761	1,538,554	1,554,254	1,318,761	1,303,061	1,173,383	1,205,096	1,284,379	15,735,798	
NEPHI	3,260,753	3,260,753	2,616,186	2,578,270	3,109,090	3,829,489	3,905,320	3,298,669	3,109,090	2,872,117	3,101,886	3,063,591	38,005,214	
PROVO														
Provo w/o BYU	50,283,552	51,888,347	43,864,376	42,259,581	41,724,650	46,539,033	48,678,758	42,259,581	43,864,376	38,709,126	40,889,922	46,341,912	537,303,214	
BYU	10,311,756	10,311,756	10,199,671	9,863,419	9,415,081	8,966,744	8,182,154	9,415,081	8,518,407	9,319,586	8,637,665	9,319,586	112,460,905	
Total Provo	60,595,308	62,200,102	54,064,047	52,123,000	51,139,731	55,505,777	56,860,912	51,674,663	52,382,782	48,028,712	49,527,587	55,661,497	649,764,119	
SALEM	1,044,870	1,021,651	870,725	870,725	963,603	1,137,748	1,114,529	975,212	963,603	888,140	899,982	911,824	11,662,612	
SPANISH FORK	8,443,159	8,730,994	7,771,544	7,771,544	7,867,489	8,730,994	8,730,994	7,771,544	8,059,379	7,255,411	7,549,549	7,745,642	96,428,243	
TOTAL	75,051,386	76,875,764	66,701,776	64,758,962	64,627,023	71,025,442	72,445,481	65,270,606	66,046,265	60,460,954	62,695,129	69,050,559	815,009,346	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
2001 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	2000 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2001 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	675	642	382	506	594	629	619	578	513	563	783	708	783	7,191
MANTI	3,448	2,927	2,783	2,655	2,838	3,051	2,941	2,858	2,645	2,629	2,991	3,231	3,448	34,997
NEPHI	6,018	5,784	5,144	6,206	6,908	7,642	7,806	7,392	6,666	6,268	6,402	5,771	7,806	78,008
PROVO														
Provo w/o BYU	104,711	109,188	96,741	81,454	83,966	89,425	88,551	90,189	81,782	76,550	87,788	104,812	109,188	1,095,157
BYU	19,938	20,022	21,120	20,170	18,670	17,382	17,361	17,551	17,466	18,817	18,325	19,180	21,120	226,003
Total Provo	124,649	129,210	117,861	101,624	102,636	106,807	105,912	107,740	99,248	95,367	106,113	123,992	129,210	1,321,160
SALEM	2,189	2,153	1,938	1,966	2,230	2,560	2,381	2,235	2,092	1,929	1,825	1,953	2,560	25,449
SPANISH FORK	16,928	17,488	15,757	15,757	16,194	16,928	16,561	15,827	15,879	14,681	15,092	16,110	17,488	193,201
TOTAL	153,907	158,204	143,865	128,713	131,400	137,618	136,220	136,630	127,042	121,437	133,206	151,765	161,295	1,660,008
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	390,477	376,776	171,262	191,813	229,491	284,295	280,870	232,916	229,491	244,408	413,084	385,545	3,430,427	
MANTI	1,331,948	1,300,235	1,220,953	1,236,809	1,331,948	1,553,940	1,569,796	1,331,948	1,316,092	1,185,117	1,217,147	1,297,222	15,893,156	
NEPHI	3,293,361	3,293,361	2,642,347	2,604,053	3,140,181	3,867,784	3,944,374	3,331,655	3,140,181	2,900,838	3,132,905	3,094,227	38,385,266	
PROVO														
Provo w/o BYU	51,248,702	52,884,299	44,706,315	43,070,718	42,525,519	47,432,310	49,613,105	43,070,718	44,706,315	39,445,199	41,667,464	47,223,126	547,593,791	
BYU	10,456,120	10,456,120	10,342,467	10,001,506	9,546,892	9,092,279	8,296,704	9,546,892	8,637,665	9,450,060	8,758,592	9,450,060	114,035,358	
Total Provo	61,704,823	63,340,420	55,048,782	53,072,224	52,072,411	56,524,588	57,909,810	52,617,610	53,343,979	48,895,259	50,426,056	56,673,186	661,629,148	
SALEM	1,065,768	1,042,084	888,140	888,140	982,875	1,160,503	1,136,819	994,717	982,875	905,903	917,981	930,060	11,895,864	
SPANISH FORK	8,628,056	8,922,195	7,941,734	7,941,734	8,039,780	8,922,195	8,922,195	7,941,734	8,235,872	7,409,762	7,710,158	7,910,422	98,525,837	
TOTAL	76,414,433	78,275,070	67,913,217	65,934,773	65,796,686	72,313,304	73,763,863	66,450,581	67,248,490	61,541,287	63,817,331	70,290,662	829,759,698	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
2002 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	2001 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2002 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	678	645	384	508	597	633	622	581	515	566	787	711	787	7,228
MANTI	3,482	2,956	2,810	2,681	2,866	3,082	2,970	2,887	2,671	2,655	3,021	3,264	3,482	35,344
NEPHI	6,079	5,842	5,196	6,268	6,977	7,718	7,884	7,466	6,733	6,331	6,466	5,829	7,884	78,788
PROVO														
Provo w/o BYU	106,703	111,265	98,581	83,004	85,563	91,126	90,236	91,905	83,337	78,005	89,456	106,803	111,265	1,115,984
BYU	20,185	20,271	21,383	20,421	18,902	17,598	17,577	17,769	17,684	19,051	18,553	19,419	21,383	228,813
Total Provo	126,889	131,536	119,964	103,424	104,465	108,724	107,813	109,674	101,021	97,056	108,009	126,222	131,536	1,344,797
SALEM	2,229	2,192	1,973	2,002	2,271	2,607	2,425	2,276	2,130	1,964	1,858	1,988	2,607	25,915
SPANISH FORK	17,288	17,860	16,092	16,092	16,538	17,288	16,913	16,163	16,217	14,992	15,411	16,451	17,860	197,306
TOTAL	156,645	161,032	146,419	130,975	133,715	140,052	138,626	139,047	129,287	123,563	135,552	154,465	164,156	1,689,378
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	392,429	378,660	172,118	192,772	230,638	285,716	282,274	234,081	230,638	245,630	415,149	387,473	3,447,579	
MANTI	1,345,268	1,313,238	1,233,162	1,249,177	1,345,268	1,569,479	1,585,494	1,345,268	1,329,253	1,196,968	1,229,318	1,310,195	16,052,087	
NEPHI	3,326,294	3,326,294	2,668,771	2,630,093	3,171,583	3,906,462	3,983,817	3,364,972	3,171,583	2,929,846	3,164,234	3,125,169	38,769,119	
PROVO														
Provo w/o BYU	52,223,222	53,889,920	45,556,427	43,889,729	43,334,163	48,334,258	50,556,523	43,889,729	45,556,427	40,194,750	42,459,243	48,120,476	558,004,869	
BYU	10,602,506	10,602,506	10,487,261	10,141,528	9,680,549	9,219,570	8,412,858	9,680,549	8,758,592	9,582,361	8,881,212	9,582,361	115,631,853	
Total Provo	62,825,728	64,492,426	56,043,689	54,031,256	53,014,712	57,553,829	58,969,381	53,570,278	54,315,019	49,777,111	51,340,456	57,702,836	673,636,722	
SALEM	1,087,083	1,062,926	905,903	905,903	1,002,532	1,183,713	1,159,555	1,014,611	1,002,532	924,021	936,341	948,661	12,133,781	
SPANISH FORK	8,811,609	9,112,005	8,110,686	8,110,686	8,210,818	9,112,005	9,112,005	8,110,686	8,411,082	7,566,667	7,873,424	8,077,929	100,619,603	
TOTAL	77,788,412	79,685,549	69,134,329	67,119,888	66,975,551	73,611,204	75,092,527	67,639,895	68,460,107	62,640,243	64,958,922	71,552,263	844,658,890	

Table IV-1

UTAH MUNICIPAL POWER AGENCY
2003 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
BASE SCENARIO

Member	2002 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2003 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	682	648	386	511	600	636	625	584	518	569	791	715	791	7,265
MANTI	3,517	2,986	2,838	2,708	2,894	3,113	3,000	2,916	2,698	2,682	3,051	3,296	3,517	35,699
NEPHI	6,139	5,901	5,248	6,331	7,047	7,796	7,963	7,541	6,800	6,394	6,531	5,887	7,963	79,578
PROVO														
Provo w/o BYU	108,730	113,379	100,454	84,581	87,188	92,857	91,950	93,651	84,921	79,487	91,156	108,832	113,379	1,137,186
BYU	20,436	20,523	21,649	20,675	19,137	17,817	17,795	17,990	17,904	19,317	18,812	19,690	21,649	231,746
Total Provo	129,167	133,902	122,103	105,255	106,326	110,674	109,746	111,641	102,824	98,804	109,968	128,523	133,902	1,368,933
SALEM	2,269	2,232	2,009	2,038	2,312	2,654	2,468	2,317	2,168	2,003	1,895	2,028	2,654	26,393
SPANISH FORK	17,654	18,238	16,432	16,432	16,888	17,654	17,271	16,505	16,560	15,306	15,735	16,796	18,238	201,474
TOTAL	159,428	163,907	149,016	133,275	136,068	142,527	141,073	141,504	131,569	125,758	137,971	157,245	167,065	1,719,342
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	394,392	380,553	172,979	193,736	231,792	287,145	283,685	235,251	231,792	246,858	417,225	389,410	3,464,817	
MANTI	1,358,720	1,326,370	1,245,494	1,261,669	1,358,720	1,585,174	1,601,349	1,358,720	1,342,545	1,208,938	1,241,612	1,323,297	16,212,608	
NEPHI	3,359,557	3,359,557	2,695,459	2,656,394	3,203,299	3,945,526	4,023,656	3,398,622	3,203,299	2,959,145	3,195,876	3,156,421	39,156,810	
PROVO														
Provo w/o BYU	53,215,585	54,913,955	46,422,106	44,723,736	44,157,613	49,252,722	51,517,215	44,723,736	46,422,106	40,958,451	43,265,969	49,034,765	568,607,960	
BYU	10,750,941	10,750,941	10,634,083	10,283,509	9,816,077	9,348,644	8,530,638	9,816,077	8,881,212	9,716,514	9,005,549	9,716,514	117,250,699	
Total Provo	63,966,526	65,664,896	57,056,189	55,007,245	53,973,690	58,601,367	60,047,853	54,539,813	55,303,318	50,674,964	52,271,518	58,751,279	685,858,659	
SALEM	1,108,825	1,084,184	924,021	924,021	1,022,583	1,207,387	1,182,746	1,034,903	1,022,583	942,501	955,068	967,635	12,376,457	
SPANISH FORK	8,998,199	9,304,956	8,282,433	8,282,433	8,384,685	9,304,956	9,304,956	8,282,433	8,589,190	7,725,567	8,038,766	8,247,565	102,746,141	
TOTAL	79,186,219	81,120,516	70,376,574	68,325,498	68,174,769	74,931,555	76,444,246	68,849,743	69,692,727	63,757,973	66,120,065	72,835,606	859,815,492	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
1994 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	1993 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1994 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	609	625	409	432	583	505	496	464	411	538	748	676	748	6,496
MANTI	2,708	2,991	2,475	2,591	2,606	2,647	2,551	2,480	2,294	2,337	2,659	2,872	2,991	31,210
NEPHI	5,510	5,322	4,913	5,523	6,438	7,016	7,167	6,787	6,121	5,953	6,080	5,481	7,167	72,312
PROVO														
Provo w/o BYU	83,117	83,829	78,865	68,373	71,810	68,656	67,985	69,243	62,788	66,704	76,497	91,331	91,331	889,198
BYU	18,356	18,372	19,136	18,712	16,000	15,950	15,930	16,105	16,027	17,258	16,807	17,592	19,136	206,245
Total Provo	101,473	102,201	98,001	87,085	87,810	84,605	83,915	85,347	78,815	83,963	93,304	108,922	108,922	1,095,442
SALEM	1,679	1,805	1,661	1,734	1,981	2,198	2,044	1,919	1,796	1,675	1,585	1,696	2,198	21,773
SPANISH FORK	13,443	13,974	13,622	12,626	13,850	13,527	13,233	12,646	12,688	13,999	14,391	15,362	15,362	163,363
TOTAL	125,422 Actual	126,918 Actual	121,081 Actual	109,991 Actual	113,268 Actual	110,499	109,408	109,643	102,125	108,465	118,767	135,010	137,388	1,390,596
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	358,294	359,617	169,905	195,569	240,983	232,453	229,652	190,443	187,643	236,022	398,911	372,317	3,171,808	
MANTI	1,242,420	1,208,524	1,116,099	1,142,604	1,251,968	1,449,388	1,464,177	1,242,332	1,227,543	1,105,380	1,135,255	1,209,943	14,795,632	
NEPHI	2,824,950	2,865,792	2,296,771	2,514,073	3,147,371	3,424,410	3,492,220	2,949,739	2,780,214	2,705,664	2,922,117	2,886,042	34,809,363	
PROVO														
Provo w/o BYU	40,828,000	42,542,900	37,308,700	36,772,900	37,526,900	39,614,704	41,436,069	35,971,972	37,337,997	34,390,419	36,327,908	41,171,629	461,230,098	
BYU	9,547,200	9,595,200	9,508,800	8,865,600	8,400,000	8,249,109	7,527,312	8,661,565	7,836,654	8,573,712	7,946,367	8,573,712	103,285,229	
Total Provo	50,375,200	52,138,100	46,817,500	45,638,500	45,926,900	47,863,813	48,963,381	44,633,537	45,174,650	42,964,131	44,274,275	49,745,340	564,515,327	
SALEM	817,534	845,062	765,009	816,421	904,165	981,132	961,109	840,971	830,959	774,894	785,226	795,558	10,118,041	
SPANISH FORK	6,879,410	7,270,669	6,911,694	6,998,528	7,113,092	7,544,563	7,544,563	6,715,490	6,964,212	6,956,053	7,238,056	7,426,057	85,562,387	
TOTAL	62,497,808 Actual	64,687,764 Actual	58,076,978 Actual	57,305,695 Actual	58,584,479 Actual	61,495,758	62,655,103	56,572,512	57,165,220	54,742,145	56,753,839	62,435,257	712,972,558	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
1995 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	1994 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1995 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	648	616	367	485	571	604	594	555	492	546	759	686	759	6,924
MANTI	3,095	2,628	2,498	2,383	2,547	2,739	2,640	2,566	2,374	2,417	2,750	2,971	3,095	31,606
NEPHI	5,773	5,549	4,935	5,953	6,627	7,331	7,488	7,091	6,395	5,910	6,036	5,442	7,488	74,529
PROVO														
Provo w/o BYU	92,979	96,954	85,901	72,328	74,558	79,405	78,630	80,084	72,619	69,848	80,102	95,635	96,954	979,041
BYU	18,514	18,592	19,612	18,729	17,337	16,141	16,121	16,297	16,219	17,473	17,016	17,810	19,612	209,861
Total Provo	111,492	115,546	105,513	91,057	91,894	95,546	94,751	96,381	88,838	87,321	97,118	113,445	115,546	1,188,902
SALEM	1,936	1,904	1,714	1,739	1,972	2,264	2,106	1,976	1,850	1,721	1,628	1,741	2,264	22,549
SPANISH FORK	16,486	17,031	15,345	15,345	15,771	16,486	16,128	15,413	15,464	15,164	15,589	16,640	17,031	190,862
TOTAL	139,430	143,274	130,371	116,962	119,382	124,970	123,706	123,983	115,412	113,078	123,879	140,925	146,183	1,515,373
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	378,965	365,668	166,213	186,158	222,725	275,913	272,589	226,049	222,725	237,202	400,905	374,178	3,329,292	
MANTI	1,254,756	1,224,880	1,150,193	1,165,130	1,254,756	1,463,881	1,478,819	1,254,756	1,239,818	1,116,434	1,146,608	1,222,042	14,972,072	
NEPHI	3,102,495	3,102,495	2,489,211	2,453,135	2,958,193	3,643,627	3,715,778	3,138,570	2,958,193	2,732,721	2,951,338	2,914,902	36,160,657	
PROVO														
Provo w/o BYU	45,530,978	46,984,094	39,718,512	38,265,396	37,781,024	42,140,373	44,077,861	38,265,396	39,718,512	36,047,521	38,078,367	43,155,483	489,763,519	
BYU	9,619,286	9,619,286	9,514,729	9,201,056	8,782,826	8,364,597	7,632,694	8,782,826	7,946,367	8,693,744	8,057,616	8,693,744	104,908,771	
Total Provo	55,150,264	56,603,380	49,233,241	47,466,452	46,563,851	50,504,970	51,710,556	47,048,223	47,664,879	44,741,265	46,135,983	51,849,227	594,672,290	
SALEM	929,873	909,209	774,894	774,894	857,550	1,012,529	991,865	867,882	857,550	797,366	807,998	818,629	10,400,240	
SPANISH FORK	8,272,064	8,554,066	7,614,058	7,614,058	7,708,059	8,554,066	8,554,066	7,614,058	7,896,061	7,451,197	7,753,272	7,954,656	95,539,681	
TOTAL	69,088,416	70,759,698	61,427,810	59,659,829	59,565,133	65,454,986	66,723,673	60,149,538	60,839,225	57,076,184	59,196,105	65,133,634	755,074,232	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
1996 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	1995 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1996 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	657	625	373	493	579	613	603	563	499	549	764	691	764	7,010
MANTI	3,201	2,718	2,583	2,465	2,634	2,833	2,730	2,654	2,455	2,503	2,848	3,076	3,201	32,700
NEPHI	5,732	5,509	4,899	5,910	6,579	7,278	7,434	7,040	6,349	5,964	6,092	5,491	7,434	74,276
PROVO														
Provo w/o BYU	97,361	101,523	89,949	75,736	78,071	83,147	82,335	83,858	76,041	76,471	87,697	104,702	104,702	1,036,891
BYU	18,744	18,823	19,855	18,962	17,552	16,341	16,321	16,500	16,420	17,689	17,227	18,031	19,855	212,466
Total Provo	116,104	120,346	109,805	94,698	95,623	99,488	98,656	100,358	92,461	94,160	104,923	122,733	122,733	1,249,357
SALEM	1,988	1,955	1,760	1,786	2,025	2,325	2,162	2,030	1,900	1,762	1,667	1,783	2,325	23,142
SPANISH FORK	17,858	18,448	16,622	16,622	17,083	17,858	17,470	16,695	16,751	15,484	15,917	16,991	18,448	203,798
TOTAL	145,540	149,601	136,041	121,973	124,524	130,395	129,056	129,340	120,415	120,422	132,211	150,766	154,905	1,590,283
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	380,860	367,496	167,044	187,089	223,839	277,293	273,952	227,180	223,839	238,388	402,910	376,049	3,345,938	
MANTI	1,267,303	1,237,129	1,161,695	1,176,781	1,267,303	1,478,520	1,493,607	1,267,303	1,252,216	1,127,598	1,158,074	1,234,263	15,121,793	
NEPHI	3,133,520	3,133,520	2,514,103	2,477,667	2,987,774	3,680,064	3,752,936	3,169,956	2,987,774	2,760,048	2,980,852	2,944,051	36,522,264	
PROVO														
Provo w/o BYU	47,724,887	49,248,022	41,632,348	40,109,214	39,601,502	44,170,906	46,201,753	40,109,214	41,632,348	39,342,212	41,558,674	47,099,831	518,430,911	
BYU	9,753,956	9,753,956	9,647,935	9,329,871	8,905,786	8,481,701	7,739,552	8,905,786	8,057,616	8,815,456	8,170,423	8,815,456	106,377,494	
Total Provo	57,478,843	59,001,978	51,280,283	49,439,085	48,507,288	52,652,607	53,941,305	49,015,000	49,689,964	48,157,668	49,729,097	55,915,287	624,808,405	
SALEM	956,840	935,576	797,366	797,366	882,419	1,041,892	1,020,629	893,050	882,419	818,098	829,006	839,914	10,694,575	
SPANISH FORK	8,860,883	9,162,958	8,156,040	8,156,040	8,256,731	9,162,958	9,162,958	8,156,040	8,458,115	7,612,635	7,921,256	8,127,003	101,193,616	
TOTAL	72,078,248	73,838,658	64,076,531	62,234,028	62,125,355	68,293,334	69,645,387	62,728,528	63,494,328	60,714,435	63,021,193	69,436,566	791,686,591	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
1997 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	1996 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1997 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	662	630	375	496	583	617	607	567	503	551	767	693	767	7,050
MANTI	3,315	2,814	2,675	2,553	2,728	2,934	2,828	2,748	2,543	2,526	2,874	3,105	3,315	33,643
NEPHI	5,784	5,559	4,944	5,964	6,639	7,344	7,502	7,104	6,407	6,024	6,153	5,546	7,502	74,970
PROVO														
Provo w/o BYU	106,592	111,149	98,478	82,917	85,474	91,031	90,142	91,809	83,251	81,606	93,586	111,733	111,733	1,127,767
BYU	18,976	19,056	20,101	19,197	17,770	16,543	16,523	16,704	16,624	17,909	17,441	18,255	20,101	215,099
Total Provo	125,567	130,205	118,579	102,114	103,243	107,574	106,665	108,513	99,874	99,515	111,027	129,989	130,205	1,342,866
SALEM	2,036	2,002	1,802	1,829	2,074	2,381	2,214	2,079	1,945	1,799	1,702	1,821	2,381	23,684
SPANISH FORK	18,234	18,837	16,972	16,972	17,443	18,234	17,839	17,047	17,104	15,787	16,229	17,324	18,837	208,023
TOTAL	155,598	160,047	145,348	129,927	132,710	139,085	137,654	138,059	128,376	126,203	138,751	158,478	163,007	1,690,237
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	382,764	369,334	167,879	188,025	224,958	278,679	275,322	228,316	224,958	239,580	404,924	377,929	3,362,668	
MANTI	1,279,976	1,249,501	1,173,311	1,188,549	1,279,976	1,493,305	1,508,543	1,279,976	1,264,738	1,138,874	1,169,654	1,246,605	15,273,010	
NEPHI	3,164,855	3,164,855	2,539,244	2,502,443	3,017,652	3,716,864	3,790,466	3,201,655	3,017,652	2,787,648	3,010,660	2,973,491	36,887,486	
PROVO														
Provo w/o BYU	52,086,872	53,749,219	45,437,484	43,775,137	43,221,021	48,208,062	50,424,525	43,775,137	45,437,484	41,935,277	44,297,828	50,204,205	562,552,249	
BYU	9,890,512	9,890,512	9,783,006	9,460,489	9,030,467	8,600,445	7,847,906	9,030,467	8,170,423	8,938,872	8,284,808	8,938,872	107,866,779	
Total Provo	61,977,383	63,639,730	55,220,490	53,235,626	52,251,488	56,808,507	58,272,431	52,805,604	53,607,906	50,874,149	52,582,636	59,143,077	670,419,028	
SALEM	981,717	959,901	818,098	818,098	905,362	1,068,981	1,047,165	916,270	905,362	836,914	848,073	859,232	10,965,172	
SPANISH FORK	9,052,864	9,361,484	8,332,750	8,332,750	8,435,623	9,361,484	9,361,484	8,332,750	8,641,370	7,765,746	8,080,574	8,290,459	103,349,337	
TOTAL	76,839,559	78,744,805	68,251,772	66,265,491	66,115,059	72,727,821	74,255,410	66,764,570	67,661,986	63,642,912	66,096,522	72,890,794	840,256,702	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
1998 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	1997 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1998 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	664	632	377	498	585	620	609	569	505	554	771	697	771	7,081
MANTI	3,346	2,841	2,700	2,576	2,754	2,961	2,854	2,774	2,566	2,552	2,903	3,137	3,346	33,965
NEPHI	5,842	5,615	4,993	6,024	6,706	7,418	7,577	7,175	6,471	6,084	6,214	5,602	7,577	75,720
PROVO														
Provo w/o BYU	113,750	118,613	105,091	88,485	91,213	97,144	96,195	97,974	88,841	85,390	97,925	116,914	118,613	1,197,537
BYU	19,212	19,293	20,351	19,435	17,991	16,749	16,729	16,912	16,830	18,132	17,658	18,482	20,351	217,774
Total Provo	132,961	137,906	125,442	107,921	109,204	113,893	112,924	114,886	105,672	103,522	115,583	135,397	137,906	1,415,311
SALEM	2,079	2,044	1,840	1,867	2,117	2,431	2,261	2,122	1,986	1,828	1,729	1,850	2,431	24,155
SPANISH FORK	18,591	19,206	17,305	17,305	17,785	18,591	18,188	17,381	17,439	17,720	18,216	19,444	19,444	217,171
TOTAL	163,483	168,244	152,657	136,190	139,151	145,914	144,413	144,908	134,639	132,260	145,416	166,127	171,475	1,773,403
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	384,678	371,181	168,718	188,965	226,083	280,073	276,698	229,457	226,083	240,778	406,949	379,819	3,379,481	
MANTI	1,292,776	1,261,995	1,185,045	1,200,435	1,292,776	1,508,239	1,523,629	1,292,776	1,277,386	1,150,263	1,181,351	1,259,071	15,425,740	
NEPHI	3,196,503	3,196,503	2,564,636	2,527,468	3,047,829	3,754,033	3,828,370	3,233,672	3,047,829	2,815,525	3,040,767	3,003,226	37,256,361	
PROVO														
Provo w/o BYU	55,519,944	57,291,857	48,432,291	46,660,378	46,069,741	51,385,480	53,748,031	46,660,378	48,432,291	43,919,300	46,393,627	52,579,443	597,092,762	
BYU	10,028,979	10,028,979	9,919,968	9,592,936	9,156,894	8,720,851	7,957,777	9,156,894	8,284,808	9,064,017	8,400,796	9,064,017	109,376,914	
Total Provo	65,548,923	67,320,836	58,352,260	56,253,315	55,226,634	60,106,331	61,705,807	55,817,272	56,717,100	52,983,316	54,794,422	61,643,460	706,469,676	
SALEM	1,004,297	981,979	836,914	836,914	926,185	1,093,568	1,071,250	937,344	926,185	853,652	865,034	876,416	11,209,738	
SPANISH FORK	9,234,942	9,549,769	8,500,344	8,500,344	8,605,287	9,549,769	9,549,769	8,500,344	8,815,172	8,689,194	9,041,458	9,276,301	107,812,693	
TOTAL	80,662,118	82,682,264	71,607,917	69,507,440	69,324,793	76,292,012	77,955,524	70,010,865	71,009,754	66,732,728	69,329,982	76,438,294	881,553,690	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
1999 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	1998 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1999 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	668	635	379	500	588	623	612	572	507	557	775	701	775	7,118
MANTI	3,380	2,870	2,728	2,603	2,782	2,991	2,883	2,802	2,592	2,578	2,933	3,168	3,380	34,309
NEPHI	5,900	5,671	5,043	6,084	6,773	7,492	7,653	7,247	6,536	6,145	6,276	5,658	7,653	76,478
PROVO														
Provo w/o BYU	119,024	124,113	109,964	92,588	95,443	101,649	100,656	102,517	92,961	88,843	101,885	121,642	124,113	1,251,285
BYU	19,451	19,533	20,604	19,677	18,214	16,957	16,937	17,122	17,040	18,357	17,878	18,712	20,604	220,483
Total Provo	138,475	143,646	130,569	112,266	113,657	118,606	117,592	119,640	110,001	107,200	119,763	140,354	143,646	1,471,768
SALEM	2,112	2,077	1,870	1,897	2,151	2,470	2,297	2,156	2,018	1,861	1,761	1,884	2,470	24,554
SPANISH FORK	20,867	21,557	19,423	19,423	19,962	20,867	20,414	19,509	19,574	18,012	18,516	19,766	21,557	237,891
TOTAL	171,402	176,456	160,011	142,772	145,913	153,050	151,452	151,927	141,228	136,353	150,023	171,530	179,481	1,852,118
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	386,601	373,037	169,562	189,909	227,213	281,473	278,082	230,604	227,213	241,982	408,984	381,718	3,396,379	
MANTI	1,305,704	1,274,615	1,196,895	1,212,439	1,305,704	1,523,321	1,538,865	1,305,704	1,290,160	1,161,765	1,193,164	1,271,662	15,579,998	
NEPHI	3,228,468	3,228,468	2,590,283	2,552,742	3,078,307	3,791,573	3,866,654	3,266,009	3,078,307	2,843,680	3,071,174	3,033,259	37,628,925	
PROVO														
Provo w/o BYU	58,146,679	60,002,424	50,723,698	48,867,953	48,249,372	53,816,607	56,290,934	48,867,953	50,723,698	45,754,630	48,332,356	54,776,670	624,552,974	
BYU	10,169,384	10,169,384	10,058,848	9,727,237	9,285,090	8,842,943	8,069,185	9,285,090	8,400,796	9,190,913	8,518,407	9,190,913	110,908,191	
Total Provo	68,316,063	70,171,808	60,782,546	58,595,191	57,534,462	62,659,550	64,360,119	58,153,043	59,124,494	54,945,543	56,850,763	63,967,583	735,461,164	
SALEM	1,024,383	1,001,619	853,652	853,652	944,709	1,115,439	1,092,675	956,091	944,709	870,725	882,335	893,945	11,433,933	
SPANISH FORK	10,333,095	10,685,360	9,511,144	9,511,144	9,628,566	10,685,360	10,685,360	9,511,144	9,863,409	8,837,212	9,195,478	9,434,321	117,881,593	
TOTAL	84,594,314	86,734,907	75,104,083	72,915,078	72,718,960	80,056,716	81,821,754	73,422,595	74,528,292	68,900,908	71,601,898	78,982,487	921,381,992	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
2000 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	1999 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2000 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	671	639	381	503	591	626	615	575	510	560	779	704	779	7,154
MANTI	3,414	2,898	2,755	2,629	2,810	3,021	2,912	2,830	2,619	2,603	2,962	3,200	3,414	34,653
NEPHI	5,959	5,727	5,093	6,145	6,840	7,567	7,729	7,319	6,601	6,206	6,338	5,714	7,729	77,238
PROVO														
Provo w/o BYU	123,838	129,132	114,411	96,332	99,303	105,759	104,726	106,663	96,720	92,321	105,874	126,405	129,132	1,301,484
BYU	19,693	19,776	20,861	19,922	18,441	17,168	17,148	17,335	17,252	18,586	18,100	18,945	20,861	223,226
Total Provo	143,530	148,908	135,272	116,254	117,743	122,928	121,874	123,998	113,972	110,907	123,974	145,350	148,908	1,524,710
SALEM	2,150	2,115	1,904	1,932	2,191	2,515	2,339	2,196	2,055	1,894	1,792	1,917	2,515	25,000
SPANISH FORK	21,212	21,913	19,744	19,744	20,291	21,212	20,752	19,831	19,897	18,321	18,833	20,104	21,913	241,853
TOTAL	176,936	182,200	165,148	147,206	150,467	157,869	156,221	156,750	145,653	140,491	154,679	176,989	185,258	1,910,609
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	388,534	374,902	170,410	190,859	228,349	282,880	279,472	231,757	228,349	243,192	411,029	383,627	3,413,360	
MANTI	1,318,761	1,287,362	1,208,864	1,224,563	1,318,761	1,538,554	1,554,254	1,318,761	1,303,061	1,173,383	1,205,096	1,284,379	15,735,798	
NEPHI	3,260,753	3,260,753	2,616,186	2,578,270	3,109,090	3,829,489	3,905,320	3,298,669	3,109,090	2,872,117	3,101,886	3,063,591	38,005,214	
PROVO														
Provo w/o BYU	60,576,552	62,509,847	52,843,376	50,910,081	50,265,650	56,065,533	58,643,258	50,910,081	52,843,376	47,603,154	50,285,022	56,989,692	650,445,622	
BYU	10,311,756	10,311,756	10,199,671	9,863,419	9,415,081	8,966,744	8,182,154	9,415,081	8,518,407	9,319,586	8,637,665	9,319,586	112,460,905	
Total Provo	70,888,308	72,821,602	63,043,047	60,773,500	59,680,731	65,032,277	66,825,412	60,325,163	61,361,782	56,922,740	58,922,687	66,309,277	762,906,527	
SALEM	1,044,870	1,021,651	870,725	870,725	963,603	1,137,748	1,114,529	975,212	963,603	888,140	899,982	911,824	11,662,612	
SPANISH FORK	10,509,117	10,867,383	9,673,165	9,673,165	9,792,587	10,867,383	10,867,383	9,673,165	10,031,430	8,992,694	9,357,263	9,600,309	119,905,043	
TOTAL	87,410,344	89,633,653	77,582,397	75,311,082	75,093,121	82,688,331	84,546,370	75,822,727	76,997,316	71,092,266	73,897,942	81,553,006	951,628,554	

Table IV-2

UTAH MUNICIPAL POWER AGENCY
2001 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	2000 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2001 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	675	642	382	506	594	629	619	578	513	563	783	708	783	7,191
MANTI	3,448	2,927	2,783	2,655	2,838	3,051	2,941	2,858	2,645	2,629	2,991	3,231	3,448	34,997
NEPHI	6,018	5,784	5,144	6,206	6,908	7,642	7,806	7,392	6,666	6,268	6,402	5,771	7,806	78,008
PROVO														
Provo w/o BYU	128,686	134,188	118,891	100,104	103,191	109,900	108,826	110,839	100,507	95,126	109,091	130,246	134,188	1,349,595
BYU	19,938	20,022	21,120	20,170	18,670	17,382	17,361	17,551	17,466	18,817	18,325	19,180	21,120	226,003
Total Provo	148,624	154,210	140,011	120,274	121,861	127,282	126,187	128,390	117,973	113,943	127,416	149,426	154,210	1,575,598
SALEM	2,189	2,153	1,938	1,966	2,230	2,560	2,381	2,235	2,092	1,929	1,825	1,953	2,560	25,449
SPANISH FORK	21,575	22,288	20,081	20,081	20,639	21,575	21,107	20,171	20,238	18,627	19,148	20,439	22,288	245,968
TOTAL	182,528	188,004	170,339	151,688	155,070	162,740	161,041	161,624	150,126	143,959	158,565	181,528	191,095	1,967,212
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	390,477	376,776	171,262	191,813	229,491	284,295	280,870	232,916	229,491	244,408	413,084	385,545	3,430,427	
MANTI	1,331,948	1,300,235	1,220,953	1,236,809	1,331,948	1,553,940	1,569,796	1,331,948	1,316,092	1,185,117	1,217,147	1,297,222	15,893,156	
NEPHI	3,293,361	3,293,361	2,642,347	2,604,053	3,140,181	3,867,784	3,944,374	3,331,655	3,140,181	2,900,838	3,132,905	3,094,227	38,385,266	
PROVO														
Provo w/o BYU	63,023,894	65,035,295	54,978,291	52,966,890	52,296,423	58,330,626	61,012,493	52,966,890	54,978,291	49,085,579	51,850,964	58,764,426	675,290,063	
BYU	10,456,120	10,456,120	10,342,467	10,001,506	9,546,892	9,092,279	8,296,704	9,546,892	8,637,665	9,450,060	8,758,592	9,450,060	114,035,358	
Total Provo	73,480,015	75,491,416	65,320,758	62,968,396	61,843,315	67,422,904	69,309,198	62,513,782	63,615,955	58,535,639	60,609,556	68,214,486	789,325,420	
SALEM	1,065,768	1,042,084	888,140	888,140	982,875	1,160,503	1,136,819	994,717	982,875	905,903	917,981	930,060	11,895,864	
SPANISH FORK	10,694,015	11,058,584	9,843,355	9,843,355	9,964,877	11,058,584	11,058,584	9,843,355	10,207,923	9,147,046	9,517,872	9,765,089	122,002,637	
TOTAL	90,255,583	92,562,455	80,086,814	77,732,566	77,492,688	85,348,009	87,299,640	78,248,374	79,492,517	72,918,950	75,808,545	83,686,629	980,932,770	

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UTAH MUNICIPAL POWER AGENCY
2002 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	2001 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2002 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	678	645	384	508	597	633	622	581	515	566	787	711	787	7,228
MANTI	3,482	2,956	2,810	2,681	2,866	3,082	2,970	2,887	2,671	2,655	3,021	3,264	3,482	35,344
NEPHI	6,079	5,842	5,196	6,268	6,977	7,718	7,884	7,466	6,733	6,331	6,466	5,829	7,884	78,788
PROVO														
Provo w/o BYU	132,596	138,265	122,503	103,146	106,326	113,239	112,133	114,207	103,560	97,957	112,337	134,121	138,265	1,390,390
BYU	20,185	20,271	21,383	20,421	18,902	17,598	17,577	17,769	17,684	19,051	18,553	19,419	21,383	228,813
Total Provo	152,782	158,536	143,886	123,566	125,228	130,837	129,710	131,976	121,244	117,008	130,890	153,540	158,536	1,619,203
SALEM	2,229	2,192	1,973	2,002	2,271	2,607	2,425	2,276	2,130	1,964	1,858	1,988	2,607	25,915
SPANISH FORK	21,935	22,660	20,417	20,417	20,983	21,935	21,459	20,507	20,575	18,937	19,467	20,780	22,660	250,072
TOTAL	187,184	192,832	174,666	155,442	158,923	166,812	165,069	165,693	153,868	147,461	162,489	186,112	195,956	2,016,551
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	392,429	378,660	172,118	192,772	230,638	285,716	282,274	234,081	230,638	245,630	415,149	387,473	3,447,579	
MANTI	1,345,268	1,313,238	1,233,162	1,249,177	1,345,268	1,569,479	1,585,494	1,345,268	1,329,253	1,196,968	1,229,318	1,310,195	16,052,087	
NEPHI	3,326,294	3,326,294	2,668,771	2,630,093	3,171,583	3,906,462	3,983,817	3,364,972	3,171,583	2,929,846	3,164,234	3,125,169	38,769,119	
PROVO														
Provo w/o BYU	64,986,542	67,060,580	56,690,387	54,616,349	53,925,003	60,147,118	62,912,503	54,616,349	56,690,387	50,581,482	53,431,143	60,555,296	696,213,141	
BYU	10,602,506	10,602,506	10,487,261	10,141,528	9,680,549	9,219,570	8,412,858	9,680,549	8,758,592	9,582,361	8,881,212	9,582,361	115,631,853	
Total Provo	75,589,048	77,663,086	67,177,649	64,757,876	63,605,552	69,366,689	71,325,361	64,296,898	65,448,979	60,163,843	62,312,356	70,137,656	811,844,994	
SALEM	1,087,083	1,062,926	905,903	905,903	1,002,532	1,183,713	1,159,555	1,014,611	1,002,532	924,021	936,341	948,661	12,133,781	
SPANISH FORK	10,877,568	11,248,394	10,012,307	10,012,307	10,135,915	11,248,394	11,248,394	10,012,307	10,383,133	9,303,951	9,681,138	9,932,596	124,096,403	
TOTAL	92,617,690	94,992,598	82,169,909	79,748,128	79,491,488	87,560,453	89,584,896	80,268,136	81,566,118	74,764,259	77,738,536	85,841,750	1,006,343,962	

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UTAH MUNICIPAL POWER AGENCY
2003 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30
HIGH SCENARIO

Member	2002 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2003 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL/ MAXIMUM	SUM
DEMAND (kW) AT 138 kV														
LEVAN	682	648	386	511	600	636	625	584	518	569	791	715	791	7,265
MANTI	3,517	2,986	2,838	2,708	2,894	3,113	3,000	2,916	2,698	2,682	3,051	3,296	3,517	35,699
NEPHI	6,139	5,901	5,248	6,331	7,047	7,796	7,963	7,541	6,800	6,394	6,531	5,887	7,963	79,578
PROVO														
Provo w/o BYU	136,541	142,379	126,148	106,215	109,489	116,608	115,469	117,605	106,642	100,976	115,800	138,255	142,379	1,432,129
BYU	20,436	20,523	21,649	20,675	19,137	17,817	17,795	17,990	17,904	19,317	18,812	19,690	21,649	231,746
Total Provo	156,978	162,902	147,797	126,889	128,627	134,425	133,265	135,595	124,545	120,294	134,612	157,946	162,902	1,663,875
SALEM	2,269	2,232	2,009	2,038	2,312	2,654	2,468	2,317	2,168	2,003	1,895	2,028	2,654	26,393
SPANISH FORK	22,301	23,038	20,757	20,757	21,333	22,301	21,817	20,849	20,919	19,262	19,801	21,137	23,038	254,271
TOTAL	191,886	197,707	179,035	159,234	162,814	170,924	169,138	169,802	157,648	151,203	166,681	191,009	200,865	2,067,082
													TOTAL	
ENERGY (kWh) AT 138 kV														
LEVAN	394,392	380,553	172,979	193,736	231,792	287,145	283,685	235,251	231,792	246,858	417,225	389,410	3,464,817	
MANTI	1,358,720	1,326,370	1,245,494	1,261,669	1,358,720	1,585,174	1,601,349	1,358,720	1,342,545	1,208,938	1,241,612	1,323,297	16,212,608	
NEPHI	3,359,557	3,359,557	2,695,459	2,656,394	3,203,299	3,945,526	4,023,656	3,398,622	3,203,299	2,959,145	3,195,876	3,156,421	39,156,810	
PROVO														
Provo w/o BYU	66,967,033	69,104,279	58,418,050	56,280,804	55,568,389	61,980,126	64,829,787	56,280,804	58,418,050	52,122,974	55,059,479	62,400,743	717,430,519	
BYU	10,750,941	10,750,941	10,634,083	10,283,509	9,816,077	9,348,644	8,530,638	9,816,077	8,881,212	9,716,514	9,005,549	9,716,514	117,250,699	
Total Provo	77,717,974	79,855,220	69,052,133	66,564,313	65,384,466	71,328,771	73,360,425	66,096,881	67,299,262	61,839,487	64,065,028	72,117,257	834,681,218	
SALEM	1,108,825	1,084,184	924,021	924,021	1,022,583	1,207,387	1,182,746	1,034,903	1,022,583	942,501	955,068	967,635	12,376,457	
SPANISH FORK	11,064,157	11,441,345	10,184,054	10,184,054	10,309,783	11,441,345	11,441,345	10,184,054	10,561,241	9,463,547	9,847,204	10,102,976	126,225,105	
TOTAL	95,003,626	97,447,229	84,274,139	81,784,187	81,510,642	89,795,348	91,893,206	82,308,432	83,660,722	76,660,476	79,722,014	88,056,995	1,032,117,015	

Table IV-3

Composite UMPA (1)

HISTORICAL AND PROJECTED FISCAL YEAR
PEAK DEMAND AND ENERGY REQUIREMENTS
(138 kV)
BASE SCENARIO

Year (July thru June)	Fiscal Year Peak Demand		Fiscal Year Energy Requirements		Load Factor	
	MW	%Inc	MWh	%Inc	%	
1981-82	92.480	-	498,929.548	-	61.6	
1982-83	95.962	3.8	509,462.508	2.1	60.6	
1983-84	101.967	6.3	529,128.689	3.9	59.2	
1984-85	96.198	-5.7	532,419.137	0.6	63.2	
1985-86	101.961	6.0	552,594.669	3.8	61.9	
1986-87	106.662	4.6	562,029.495	1.7	60.2	
1987-88	112.695	5.7	590,884.287	5.1	59.9	
1988-89	113.058	0.3	622,437.409	5.3	62.8	
1989-90	124.905	10.5	637,508.005	2.4	58.3	
1990-91	126.147	1.0	657,320.512	3.1	59.5	
1991-92	127.842	1.3	673,037.494	2.4	60.1	
1992-93	134.556	5.3	696,389.207	3.5	59.1	
1993-94	132.444 (2)	-1.6	709,783.918	1.9	61.2	(4)
1994-95	140.474 (3)	6.1	737,797.760	3.9	60.0	
1995-96	143.801	2.4	755,264.263	2.4	60.0	
1996-97	147.247	2.4	772,064.044	2.2	59.9	
1997-98	149.944	1.8	786,248.832	1.8	59.9	
1998-99	152.656	1.8	800,530.784	1.8	59.9	
1999-00	155.400	1.8	815,009.346	1.8	59.9	
2000-01	158.204	1.8	829,759.698	1.8	59.9	
2001-02	161.032	1.8	844,658.890	1.8	59.9	
2002-03	163.907	1.8	859,815.492	1.8	59.9	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	3.5	3.1
1987-88 - 1992-93	3.6	3.3
1992-93 - 1997-98	2.2	2.5
1997-98 - 2002-03	1.8	1.8
1994-95 - 2002-03	1.9	1.9

(1) Composite UMPA includes Levan, Manti, Nephi, Provo (Base Scenario), Salem and Spanish Fork (Base Scenario).

(2) Projected to occur in June 1994.

(3) Fiscal year composite UMPA peak demand for the period 1994-95 through 2002-03 is projected to occur in August.

(4) Projected load factor is calculated as:

(Energy Requirements)/(Peak Demand)/ 8760 * 100

Table IV-4

Composite UMPA (1)

HISTORICAL AND PROJECTED FISCAL YEAR
PEAK DEMAND AND ENERGY REQUIREMENTS
(138 kV)
HIGH SCENARIO

Year (July thru June)	Fiscal Year Peak Demand		Fiscal Year Energy Requirements		Load Factor	
	MW	%Inc	MWh	%Inc	%	
1981-82	92.480	-	498,929.548	-	61.6	
1982-83	95.962	3.8	509,462.508	2.1	60.6	
1983-84	101.967	6.3	529,128.689	3.9	59.2	
1984-85	96.198	-5.7	532,419.137	0.6	63.2	
1985-86	101.961	6.0	552,594.669	3.8	61.9	
1986-87	106.662	4.6	562,029.495	1.7	60.2	
1987-88	112.695	5.7	590,884.287	5.1	59.9	
1988-89	113.058	0.3	622,437.409	5.3	62.8	
1989-90	124.905	10.5	637,508.005	2.4	58.3	
1990-91	126.147	1.0	657,320.512	3.1	59.5	
1991-92	127.842	1.3	673,037.494	2.4	60.1	
1992-93	134.556	5.3	696,389.207	3.5	59.1	
1993-94	135.010 (2)	0.3	712,972.558	2.4	60.3	(4)
1994-95	143.274 (3)	6.1	755,074.232	5.9	60.2	
1995-96	149.601	4.4	791,686.591	4.8	60.4	
1996-97	160.047	7.0	840,256.702	6.1	59.9	
1997-98	168.244	5.1	881,553.690	4.9	59.8	
1998-99	176.456	4.9	921,381.992	4.5	59.6	
1999-00	182.200	3.3	951,628.554	3.3	59.6	
2000-01	188.004	3.2	980,932.770	3.1	59.6	
2001-02	192.832	2.6	1,006,343.962	2.6	59.6	
2002-03	197.707	2.5	1,032,117.015	2.6	59.6	

Average Annual Compound Growth Rates, % :

1981-82 - 1992-93	3.5	3.1
1987-88 - 1992-93	3.6	3.3
1992-93 - 1997-98	4.6	4.8
1997-98 - 2002-03	3.3	3.2
1994-95 - 2002-03	4.1	4.0

(1) Composite UMPA includes Levan, Manti, Nephi, Provo (High Scenario), Salem and Spanish Fork (High Scenario).

(2) Projected to occur in June 1994.

(3) Fiscal year composite UMPA peak demand for the period 1994-95 through 2002-03 is projected to occur in August.

(4) Projected load factor is calculated as:

(Energy Requirements)/(Peak Demand)/ 8760 * 100

Table A-1

SYSTEM ENERGY REQUIREMENTS MODEL
FOR PROVO WITHOUT BYU

$$MWH = -176{,}694.67 + \underset{(15.11)}{17.7367}(PRCUST) + \underset{(5.30)}{0.4418}(PRTAX) - \underset{(2.03)}{440.6983}(PRPRIC)$$

MWH = Provo without BYU Annual Energy Requirements (MWh)
PRCUST = Provo Residential and General Service Customers
PRTAX = Provo Real Gross Taxable Sales (1982 000$)
PRPRIC = Provo Real Price of Electricity for Residential and General Service Customers (1982 mills/kWh)

Adjusted r2 = 0.9807
Durbin-Watson = 1.29

Year Apr-Mar	PRCUST	PRPRIC	PRTAX	Estimated MWH	Actual MWH	Percent Error
1970-71	13,249	36.2	256,475	155,656.245	151,665.000	-
1971-72	13,865	34.7	272,575	174,356.079	166,083.000	5
1972-73	14,053	33.0	299,701	190,424.033	187,577.000	1.5
1973-74	14,599	30.2	310,353	206,048.280	196,354.000	4.9
1974-75	15,033	27.8	297,032	208,918.466	205,112.000	1.9
1975-76	15,502	28.2	290,552	214,197.835	209,473.000	2.3
1976-77	15,965	27.4	310,995	231,794.203	234,393.000	-1.1
1977-78	16,653	26.2	336,127	255,629.208	284,450.000	-10.1
1978-79	17,378	25.1	349,705	274,971.844	281,874.000	-2.4
1979-80	18,432	24.5	344,151	291,476.988	299,137.000	-2.6
1980-81	19,593	26.3	307,997	295,303.202	304,041.000	-2.9
1981-82	20,990	30.1	327,408	326,982.499	316,622.600	3.3
1982-83	21,093	30.8	314,700	322,886.495	320,809.000	0.6
1983-84	21,332	33.3	327,125	331,513.186	337,870.200	-1.9
1984-85	21,573	33.5	347,226	344,580.213	336,395.600	2.4
1985-86	22,061	34.6	357,788	357,417.246	347,281.530	2.9
1986-87	23,286	37.4	345,338	372,410.338	353,354.300	5.4
1987-88	23,394	45.4	333,517	365,577.798	369,330.450	-1
1988-89	23,504	50.0	368,321	380,878.030	403,413.016	-5.6
1989-90	23,615	52.6	398,087	394,851.607	411,322.700	-4
1990-91	24,222	49.1	464,044	436,300.030	431,367.800	1.1
1991-92	24,721	49.2	467,707	446,724.887	431,360.000	3.6
1992-93	25,470	49.1	454,205	454,088.561	453,359.600	0.2
1993-94	25,954	49.1	462,835	466,484.570		
1994-95	26,447	49.1	471,629	479,116.103		
1995-96	26,950	49.2	480,590	491,943.566		
1996-97	27,462	49.2	489,721	505,059.657		
1997-98	27,846	49.3	496,577	514,863.701		
1998-99	28,236	49.3	503,529	524,849.688		
1999-00	28,631	49.4	510,578	534,931.409		
2000-01	29,032	49.4	517,727	545,198.961		
2001-02	29,438	49.5	524,975	555,566.189		
2002-03	29,851	49.5	532,324	566,123.245		

Table A-2

SYSTEM ENERGY REQUIREMENTS MODEL
FOR SPANISH FORK

$$MWH = -4903.2494 + 0.7046(MWH(-1)) + 0.2474(UCTEMP)$$
$$(7.13) \qquad (3.42)$$

MWH = Spanish Fork Total Energy Requirements (MWh)
MWH(-1)= Spanish Fork Total Energy Requirements from the previous year (MWh)
UCTEMP = Utah County Total Employment

Adjusted r2 = 0.9944
Durbin-Watson = 2.55

Year Apr-Mar	MWH(-1)	UCTEMP	Estimated MWH	Actual MWH	Percent Error		
1970-71	-	47,650	-	20,284.000	-		
1971-72	20,284.000	49,760	21,699.481	21,977.000	-1.3		
1972-73	21,977.000	53,610	23,844.859	25,019.000	-4.7		
1973-74	25,019.000	55,700	26,505.318	25,683.000	3.2		
1974-75	25,683.000	57,680	27,463.024	27,350.000	0.4		
1975-76	27,350.000	58,437	28,824.874	28,445.000	1.3		
1976-77	28,445.000	62,340	30,562.014	30,031.000	1.8		
1977-78	30,031.000	66,519	32,713.394	31,738.000	3.1		
1978-79	31,738.000	72,663	35,436.172	34,869.000	1.6		
1979-80	34,869.000	76,425	38,572.993	39,829.000	-3.2		
1980-81	39,829.000	75,257	41,778.846	39,750.000	5.1		
1981-82	39,750.000	77,063	42,169.987	45,295.000	-6.9		
1982-83	45,295.000	78,820	46,511.676	46,721.900	-0.4		
1983-84	46,721.900	79,142	47,596.732	48,168.180	-1.2		
1984-85	48,168.180	83,508	49,695.929	49,674.820	0		
1985-86	49,674.820	87,335	51,704.308	51,655.660	0.1		
1986-87	51,655.660	91,479	54,125.233	53,882.980	0.4		
1987-88	53,882.980	92,811	56,024.140	55,330.710	1.3		
1988-89	55,330.710	100,205	58,873.486	59,665.550	-1.3		
1989-90	59,665.550	106,317	63,439.923	62,744.870	1.1		
1990-91	62,744.870	111,293	66,840.674	65,096.170	2.7		
1991-92	65,096.170	114,995	69,413.275	69,716.550	-0.4		
1992-93	69,716.550	117,180	73,209.364	74,433.240	-1.6	Historical Load Expansion	Total
1993-94	74,433.240	119,524	77,112.649			5,794.635	82,907.284
1994-95	77,112.649	122,033	79,621.287			5,794.635	85,415.922
1995-96	79,621.287	124,230	81,932.412			5,794.635	87,727.047
1996-97	81,932.412	126,466	84,114.016			5,794.635	89,908.651
1997-98	84,114.016	128,616	86,183.085			5,794.635	91,977.720
1998-99	86,183.085	130,674	88,150.100			5,794.635	93,944.735
1999-00	88,150.100	133,157	90,150.353			5,794.635	95,944.988
2000-01	90,150.353	135,953	92,251.461			5,794.635	98,046.096
2001-02	92,251.461	138,400	94,337.290			5,794.635	100,131.925
2002-03	94,337.290	141,030	96,457.627			5,794.635	102,252.262

Notes

UTAH MUNICIPAL POWER AGENCY
COMPARISON OF LOAD WITH EXISTING RESOURCES

UMPA has a number of alternatives to meet future power needs. These alternatives include options on both the demand-side and supply-side. With the existing system, the supply and demand-side options constitute the agency's portfolio of resources for the future.

In evaluating the fit of a particular resource, UMPA considers the cost, amount of resource available relative to need, lead time needed to acquire the resource, ability to adjust the timing for acquiring the resource, and operating considerations, such as the resource's flexibility and dispatchability. UMPA also considers the fit of each resource to the existing system, fuel type, location, and its ability to enhance the value of the system.

This chapter discusses UMPA's diversified mix of existing resources, non-firm contracts, and existing transmission agreements. It also compares the forecasted loads (low, base, and high) with our existing resources at the 138 kV substation level.

SECTION I - EXISTING RESOURCES

Generation and Purchase Contracts

To quantify future resource requirements, UMPA first determines how much power it can produce from its existing resources. In this discussion, the term "existing resources" refers to those UMPA resources that are already on-line as well as those resources that have been approved to come on-line within the study period.

Bonanza The Bonanza Unit #1 is a 420,000 kW coal-fired generating plant in which UMPA owns a 3.75% undivided ownership interest and a 1.875% undivided ownership interest in common facilities, plus a take or pay contract for the life of the plant of an additional 3.75%. By acquiring the take or pay contract plus ownership, UMPA is able to receive the benefits of resource maximization. In 1990, 1991, and 1992, UMPA received a total of 6,000 kW of capacity at no additional cost ($/kW) which realized a savings of $10,500,000 by monitoring and challenging DG&T's method of operation. At the 138 kV substation level, Bonanza provides a combined total of 29,611 kW of capacity and represented about 29.4% of UMPA's annual energy needs in FY 1996. The Bonanza Plant is located in Uintah County, Utah and the estimated retirement date of this resource is 2028.

As an element in the acquisition of the Bonanza resource, UMPA acquired a 6.25% right to capacity on the Bonanza Project Transmission System. The most important path is the Bonanza-Mona 345 kV line, with UMPA's share rated at 41,000 kW. This line allows UMPA to move its Bonanza resource to PacifiCorp or Western at Mona for delivery to load as well as for off system sales to the west.

Hunter Hunter Unit #1 is a coal-fired generating plant with a rated capacity of 400,000 kW. In 1980, Provo purchased a 6.25% undivided ownership interest in the plant and common facilities, which are dedicated to UMPA for the life of the plant. Because of the percentage ownership, recent increases in generation levels, have enabled UMPA to receive an additional 3,000 kW of capacity at no additional cost ($/kW). This realized a savings of $5,250,000 by monitoring and challenging PacifiCorp's method of operation. At the 138 kV substation level, Hunter provides 24,835 kW of capacity and represented 10.1% of UMPA's annual energy needs in FY 1996. The plant is located in Emery County, Utah and the estimated retirement date of this resource is 2018.

Bonnett The Bonnett Plant is a base load resource which utilizes geothermal steam to operate the turbines. The plant consists of Phases I, II, and III of the Cove Fort Geothermal Station 1. Phase I consists of four binary units with a capacity of 2,400 kW, Phase II consists of a 1,900 kW direct steam turbine, and Phase III consists of a 7,500 kW condensing turbine. The plant is located in Beaver County, Utah.

At the 138 kV substation level, Bonnett has the capacity to produce up to 10,000 kW; however, at the present time, there is a deficiency in the steam field causing the plant to be operated at a reduced kW output. A hot water well was drilled in 1991 and the 91-4 hot water flash project was started in the late summer of 1995 with the intent to supplement the steam from the steam field. As of June 1996, the 91-4 project is in production and has helped to supplement the loss of production due to the steam deficiency by adding 1,500 kW to plant production. The hot water is pumped into high and low pressure flash vessels where it is flashed into steam. The high pressure vessel flashes the hot water to steam at 22 psig and then it is combined with steam from the steam wells to be used in the condensing turbine. The geothermal fluid remaining after the high pressure flash is sent to a low pressure flash

vessel and flashed again to a lower pressure of two to three psig. The low pressure steam is used in the binary units where it is capable of operating two of the four units.

The Flash System has required some operational changes, one being the Topping Turbine. With the steam from the federal wells now going to the Condensing Turbine so that it might be used more efficiently, there is not enough steam available to operate the Topping Turbine. With the steam already in short supply, it is important that it be used in the most effective manner possible. UMPA has been working with the geothermal field since 1985 and has worked hard to develop the Bonnett Plant. This plant is one example of UMPA's dedication to working with the environment to produce power for member cities. The Bonnett Plant represented 2.9% of UMPA's annual energy needs in FY 1996. The estimated retirement date of this resource is 2010.

Member Hydros Three of UMPA's member cities have hydros which they locally maintain and operate and with the output dedicated to UMPA. The Town of Levan has two hydroelectric generating units, Pigeon Creek and Cobble Rock. Together these units consist of 320 kW of rated capacity. For the study purposes, we have determined that during the month of August, these hydros provide an average generation of 50 kW of capacity and represented 0.1% of UMPA's annual energy needs in FY 1996. The estimated retirement date of these resources is 2027.

Manti City's hydroelectric units consist of both a new and old generator in the Upper Plant and two generators in the Lower Plant. Combined, these units consist of 2,200 kW of rated capacity. For the study purposes, we have determined that during the month of August, these hydros provide an average generation of 800 kW of capacity and represented 0.9% of UMPA's annual energy needs in FY 1996. The estimated retirement date of the Upper Hydro is 2025 and the Lower Hydro is 2029.

Nephi City has two hydroelectric generators, the Bradley Plant and the Salt Creek Plant. Together these units consist of 900 kW of rated capacity. For the study purposes, we have determined that during the month of August, these hydros provide an average generation of 300 kW of capacity and represented 0.5% of UMPA's annual energy needs in FY 1996. The estimated retirement date of these units is 2025.

Provo Downtown Plant The Downtown Plant consists of four internal combustion engines and a steam turbine generating unit. The total rated capacity of the four combustion engines is 10,910 kW. These units are used for reserve and peaking purposes. The steam turbine's rated capacity is 9,200 kW and has been placed on cold standby with the ability to operate as the future plans dictate.

The units demonstrated in October 1995 stack emission's test that they could operate at capacity output with very low emissions. This demonstration resulted in modifying our Air Quality Approval Order to gain needed operating flexibility. The Provo Downtown Plant has the capacity to produce 20,110 kW of capacity and represented .3% of UMPA's annual energy needs in FY 1996. The estimated retirement date of the combustion engines is 2009 and the steam turbine is 2011.

Colorado River Storage Project (CRSP) UMPA entered into a Contract for Electric Service with the Western Area Power Administration (Western) in 1989 to purchase power and energy from the Colorado River Storage Project. CRSP consists of hydroelectric facilities on the Colorado River and related transmission and control facilities. CRSP provides a maximum of 76,420 kW in the summer season and 85,854 kW during the winter season. These amounts were enhanced by 4,000 to 5,000 kW when UMPA challenged Western concerning the right to use diversity. UMPA received about 43.8% of its energy needs from CRSP in FY 1996. Beginning April 1997, the CRSP allocation will be returned to the "Post 89" allocation. This change will provide a maximum of 79,126 kW in the summer

season and 93,566 kW during the winter season. This Contract terminates on September 30, 2004. Western is presently finalizing an Amendment to this Contract which will recognize a changed set of operating criteria on the river arising from an Environmental Impact Study on Glen Canyon Dam. A possible extension of this Contract related to Western's Energy Planning and Management Program may soon be negotiated.

Deer Creek Hydro UMPA has executed a Contract for Electric Service with the Western Area Power Administration to purchase power from the Deer Creek Power Plant of the Provo River Project. Western indicated its intent in a Federal Register Notice dated November 21, 1994, which provided that amounts of power and energy to be made available each month of the summer season will be estimated 60 days before the start of the season. Any differences between the amounts estimated to be available and the amounts delivered will be reconciled in future schedules.

Winter Season energy will be available during periods when there is no diversion between the Weber and Provo Rivers, negating the requirement to deliver Deer Creek generation to PacifiCorp. Winter Season operations will be impacted by the Deer Creek/Jordanelle hydro operations.

The capacity of the plant is 4,950 kW and UMPA will purchase 70% of the output of the Project. In FY 1996, Deer Creek represented 1.6% of UMPA's annual energy needs. The term of the contract will continue through 2008 with an extension provision to 2030.

PacifiCorp UMPA has two long-term contracts with PacifiCorp for firm capacity and energy. The first contract represents an intermediate resource with 50% to 75% associated energy. Currently, UMPA is receiving 8,000 kW of capacity and for FY 1996, this firm contract represented 4.3% of UMPA's annual energy needs. Listed below are the remaining capacity levels through the life of the contract.

January 1, 1997	10,000 kW
January 1, 1998	11,000 kW
January 1, 1999	10,000 kW
January 1, 2000	8,000 kW

The 8,000 kW will remain in affect through June 30, 2006 at which time the contract will be terminated.

The second contract is unique in that it contains a sufficient amount of flexibility for UMPA to schedule the necessary capacity and energy to meet its future load growth needs. The contract commences July 1, 1997 and it terminates June 30, 2017. However, UMPA may choose to terminate the contract early by providing PacifiCorp a 180 days written advance notice. This contract also represents an intermediate resource with 40% to 80% associated energy.

Six months prior to the beginning of each fiscal year, UMPA must provide PacifiCorp with its annual Firm Capacity Nomination to be used during the next contract year. Listed below are the minimum and maximum firm capacity amounts.

Contract Year	Min kW (kW-Mo)	Max kW (kW-Mo)
1997-8	12,000	90,000
1998-9	48,000	204,000
1999-00	96,000	240,000
2000-1	156,000	300,000
2001-2	168,000	336,000
2002-2006	180,000	408,000
2007-2011	180,000	408,000
2012-2017	180,000	408,000

At the end of each year, the sum of the monthly capacity amounts must equal the firm capacity nomination. Included at the end of this section is a summary of the second long-term agreement between PacifiCorp and UMPA.

Spanish Fork Wind Turbine Along with the geothermal plant, another environmental resource which UMPA has been involved in is wind. Spanish Fork City has a wind turbine site at the base of Spanish Fork Canyon and over the years several prototype wind turbines have been tested at this site. Currently, a 30 kW turbine built by Synergy Power Corp. is being tested by Windward Engineering L.C.. The purpose for these tests are to design a turbine that may be used in more isolated areas where wind farming is not practical. This 30 kW turbine was installed and synchronized to the electrical system in January 1996 and in the Spring of 1996, a kWh meter became operational. The average monthly generation from this wind turbine is estimated to be 7,500 kWh.

The Spanish Fork site has been very valuable to the testing process due to the range in wind speeds and the consistency of when the wind comes and goes. The wind usually picks up at night but dies down to manageable speeds during the day, allowing work to be safely conducted on the wind turbine. The testing has been very successful to this point and could provide needed answers to make wind power more economical. With cooperation such as we see here between UMPA and business, there may be a permanent, economically feasible, environmentally sound, wind turbine at the mouth of Spanish Fork Canyon some day.

Other Available Resources (Non-Firm Contracts) UMPA has 38 non-firm contracts or interchange agreements with other utilities in place for purchasing and marketing energy. The location of these utilities extends from the state of Washington to New Mexico. Of the 38 utilities, UMPA most often purchases from those entities that typically provide more reliable sales and have minimized the risks as much as possible.

Inland Power Pool (IPP) IPP is a reserve sharing pool comprised of 23 electric utilities in the Western United States. Prudent operating practices and a requirement in UMPA's transmission contract

with PacifiCorp requires UMPA to obtain reserve capacity. This is also consistent with criteria of the Western Systems Coordinating Council and the North American Electric Reliability Council. This Pool is presently being reformulated as a result of Federal Energy Regulatory Commission Rules into North and South segments.

Each utility in the Pool commits a certain amount of spinning and ready reserve capacity based upon peak load, largest hazard and peak demand. UMPA responsibility is to provide 3,000 kW spinning, 1,000 kW secondary and 1,000 kW ready reserve, a total of 5,000 kW. As our loads increase, our obligation to provide reserves rises as well. This pooling of reserves has served UMPA well in terms of reliability and economic operations.

SUMMARY OF LONG-TERM POWER SALES AGREEMENT BETWEEN PACIFICORP AND UMPA. Dated August 5, 1996.

1. DEFINITIONS

1.01 Agreement - This agreement.

1.02 Billing Month - 0000 hours Pacific Time beginning the first day of the month and ending 2400 hours Pacific Time the last day of the month.

1.03 Ceiling Prices - Maximum price for Firm Energy within the corresponding calendar year.

1.04 Contract No. 1 - Agreement between UP&L and UMPA dated September 7, 1989, effective July 1, 1990.

1.05 Contract No. 2 - Agreement between PacifiCorp and UMPA dated February 15, 1994.

1.06 Contract Period - Successive five year period during the term of this agreement.

1.07 Contract Year - Each successive five year period during the term of this Agreement. The first Contract Year begins on July 1, 1997.

1.08 Dow Jones Palo Verde Firm Market Index Price - Daily Palo Verde firm market pricing information for on peak and off peak hours prepared and published by Dow Jones Company, Inc.

1.09 Firm Capacity - Expressed in MW, which is made available to UMPA.

1.10 Firm Capacity Nomination - Amount of Firm Capacity purchased by UMPA for any particular Contract Year.

1.11 Firm Energy - Expressed in MWh, which is associated with firm capacity.

1.12 HLH - 6:00 a.m. to 10:00 p.m. MST every day.

1.13 LLH - All hours that are not HLH.

1.14 Monthly Firm Capacity - The amount of Firm Capacity Nomination allocated by UMPA to a particular calendar month, in accordance with Section 5.2 of this Agreement.

1.15 Point of Delivery - Anywhere that PacifiCorp or UMPA and its members interconnect.

2. TERM AND TERMINATION

2.1 Effective Date and Termination Date - Becomes effective at HE 0100 PDT on January 1, 1997.

a. Termination based FERC approval shall be at UMPA's option as provided for in Subsection 7.3 (Subsequent Contract Period)
b. Or HE 2400 PDT on June 30, 2017.

2.2 Regulatory Approval - If FERC approval is not received prior to one year after the Effective Date of this Agreement, PacifiCorp will file a notice of cancellation with the FERC and this Agreement shall terminate and Contract 1 and Contract 2 shall be deemed in full force and effect without amendment.

2.3 Price Petitions - Prices in effect for the first contract period. Neither party shall petition FERC to change prices or support anyone trying to do so.

3. POINTS OF DELIVERY

Where PacifiCorp's facilities connect with the facilities of UMPA or its members, or other POD as mutually agreed to the parties. This Agreement does not included transmission arrangement or costs.

4. LOAD GROWTH

4.1 First Use - UMPA shall fully utilize this agreement; or give PacifiCorp the first right of refusal to supply additional Firm Capacity and Firm Energy before UMPA contracts with a third-party for firm capacity and energy.

5. FIRM CAPACITY

5.1 Firm Capacity Amount -

Contract Year	Min MW (MW-Mo)	Max MW (MW-Mo)
1997-8	12	90
1998-9	48	204
1999-00	96	240
2000-1	156	300
2001-2	168	336
2002-2006	180	408
2007-2011	180	408
2012-2017	180	408

5.2 Firm Capacity Nomination - On or before January 1, of each year (starting Jan 1, 1997) UMPA will provide PacifiCorp written notice of the annual Firm Capacity

Nomination during the next Contract Year.

a. Must be in whole MW for each month
b. No more than 1/3 of the annual Firm Capacity Nomination purchased and as little as 0 to any particular month or months.
c. The sum of the 12 Monthly Firm Capacity nominations must equal the annual Firm Capacity Nomination.

6. FIRM ENERGY

6.1 Monthly Deliveries - For each month that UMPA has a positive Monthly Firm Capacity, UMPA shall purchase Firm Energy associated with the applicable Monthly Firm Capacity at load factors not to exceed 100% per hour, and between 40% to 80% per month.

7. PRICE

7.1 Monthly Firm Capacity Price -

Months for Years 1997 to June 2002	Monthly Firm Capacity ($/kW-Mo)
Jan.,Feb.,Dec.	$1.90
Mar.,Apr.,May.,Jun.,	$1.25
Jul.,Aug.,Sep.,	$2.60
Oct.,Nov.,	$1.50

7.2 Energy Price - Shall be 105% of the daily Dow Jones Palo Verde Firm Market Index Price blended for the amount of Firm Energy delivered on peak and off peak. The blended price for the month shall not exceed the following Ceiling Prices for the corresponding calendar year.

Calendar Year	Firm Energy Ceiling Price ($/MH)
1997	$18.00
1998	$18.00
1999	$19.75
2000	$21.75
2001	$24.00
2002	$24.00

7.3 Pricing for Subsequent Contract Periods - One year prior to the end of each Contract Period, PacifiCorp shall provide UMPA with new prices.

a. These prices shall not exceed the current maximum PPL-3 rate.
b. UMPA has the option of accepting and continuing this Agreement.
c. UMPA may terminate this Agreement by providing PacifiCorp 180 days advanced written notice.

d. If terminated, the amendments to Contract No. 1 in Subsections 10.1 and 10.2 shall remain in effect.

8. SCHEDULES

8.1 Daily Schedules - UMPA shall provide a pre-schedule no later than HE 1400 (Mountain Time).

a. UMPA may change pre-schedule by notifying PacifiCorp at least two hours prior to delivery.
b. If an emergency, PacifiCorp will accommodate change in pre-schedule with less notice.

8.2 System Logs - If scheduled deliveries are interrupted due to Uncontrollable Forces, they shall be rescheduled at a later date as mutually agreed.

9. BILLING

9.1 Monthly Firm Capacity Payment - Monthly Firm Capacity (kW) multiplied by the Monthly Firm Capacity Price.

9.2 Firm Energy Payment - UMPA shall pay the lesser of:

a. Sum of every billing day's energy multiplied by such day's blended price (Section 7.2); or
b. Price agreed to pursuant to Section 7.3; or
c. Ceiling Price ($/MH) stated in Section 7.2.

d. If UMPA scheduled less than the amount required, then an additional payment will be made equal to the minimum amount required less the actual amount delivered.

9.3 Billing and Payment Schedules - Payment due within 10 days of receipt of bill.

a. Payments to be wired.
b. Late payments carry penalty of time-weighted prime interest rate plus 4% compounded daily.

9.4 Bill Disputes - Disputed amount shall be paid under protest, when due.

10. AMENDMENT AND CANCELLATION OF EXISTING POWER SALES CONTRACTS

10.1 Contract No. 1 Restructure Term - Section 2.2 of Contract No. 1 has been amended. The amended portion states "The Parties shall not terminate this Agreement prior to the end of its term except by mutual agreement."

10.2 Contract No. 1 Restructure Appendix "B" Contract Demands- The amended portion of Appendix "B" relates to the following Capacity amounts:

a.	January 1, 1997	10,000 kW
b.	January 1, 1998	11,000 kW
c.	January 1, 1999	10,000 kW
d.	January 1, 2000	8,000 kW

10.3 Contract No. 2 Termination - Contract No. 2 has been canceled, except as provided in Subsection 2.2.

11. AUDIT RIGHTS

UMPA shall have the right to Audit any supporting documentation related to any charge made under this agreement.

12. GOVERNING LAW

Agreement construed in accordance with Oregon Laws unless preempted by Federal Laws.

13. NOTICES

Shall be considered given when delivered in person, or prepaid telegram, or sent by first class mail, postage prepaid deposited in the U.S. Mail.

14. UNCONTROLLABLE FORCES

Uncontrollable Force provisions.

15. WAIVER

Any waiver does not constitute subsequent waivers.

16. INDEMNIFICATION

Liability Language.

17. ENTIRE AGREEMENT

This Agreement and referenced appendices constitutes the entire agreement and any amending can only be done by a written document signed by both Parties.

18. ASSIGNABILITY

Either Party can assign this Agreement to another party and no Party is relieved of any obligation under this Agreement.

EXHIBIT A - Firm Energy Billing Calculation

SECTION II - TRANSMISSION AGREEMENTS

UMPA utilizes seven transmission contractual arrangements in order to deliver power from existing resources to load or to other points of delivery for off-system sales. The first long-term contractual arrangement with PacifiCorp states that it must transmit power and energy from UMPA resources (Point of Receipt) to UMPA's load (Points of Delivery). This wheeling service is a network arrangement so that the entire PacifiCorp system is available for the purposes of the contract.

The second long-term contractual arrangement is between PacifiCorp and WAPA which utilizes the Equivalent All Federal Transmission System and delivers UMPA's CRSP power to several points of delivery at 138 kV level located in Utah. Additionally, the third contractual arrangement delivers power to the 46 kV level. These contractual arrangements allow UMPA, to schedule through Western, power regardless of source and origin.

The fourth transmission path was acquired when the Agency purchased a 6.25% interest in the Bonanza Project Transmission System. The most common path is the 345 kV bi-directional Bonanza-Mona path which is capable of transmitting 41,000 kW. UMPA also has the right to utilize the transmission paths from Bonanza to the substations of Upalco (11,900 kW), Vernal (11,900 kW), Meeker (7,000 kW), and Southwest Rangley (11,900 kW).

The fifth long-term contractual arrangement is a transmission exchange agreement between WAPA and UMPA . WAPA will accept power and energy from UMPA at Mona for delivery to load on the Equivalent All Federal System. In exchange, UMPA will allow WAPA to use 41,000 kW of transmission capacity rights from Mona to Bonanza and 10,000 kW of transmission rights from Bonanza to Mona.

The sixth long-term contractual arrangement deals with Non-Firm Point-to-Point Transmission Service under PacifiCorp's Open Access Transmission Tariff, Volume No. 11. This Agreement allows UMPA to transmit energy from any of PacifiCorp's points of receipt to any point of delivery (excluding UMPA's load). PacifiCorp will charge UMPA a separate rate (mills/kWh) for this transmission service and UMPA's Aggregate Peak Demand will not be affected.

The final long-term contractual agreement is with the Strawberry Water Users Association. It provides that the Association will accept power for Spanish Fork and Salem at the PacifiCorp's Spanish Fork Substation at the 138 kV level and transmit such power to each city's points of receipt.

All of these transmission paths provide UMPA with good flexibility to handle day-to-day and future transactions with our firm and non-firm customers.

SECTION III - COMPARISON OF LOADS WITH EXISTING RESOURCES

The next step in developing an IRP is to compare the "low", "base", and "high" growth scenario forecasts and the Inland Power Pool Reserve Requirements with our existing resources to determine if a new resource is needed, when it is needed, what type, and the amount required of the resource. We will evaluate this comparison from both the capacity and energy perspective and will use the capacity and available energy delivered at the 138 kV substation level for each resource. Historically, UMPA's winter peak occurs in December and the annual system peak typically occurs during the month of August.

In order to validate forecasts of "capacity" surplus or deficits, UMPA utilizes each resource at its maximum capacity level in the month of August. In order to validate forecasts of "energy" surplus or deficits, the Agency utilizes 2 methods. The first method is a calculation of the rated capacity using the highest capacity factor allowed. The second method utilizes a custom designed software dispatch program developed by a nationally recognized consulting firm. The purpose of this program is to provide an operating model of the UMPA system that can be used to simulate the hourly dispatch of resources to load. This program contains "typical week" hourly load patterns which were developed based on UMPA's historical data. By inputing various resource information and projected loads, we can run an analysis as short as one week or as long as a season (6 months).

The printout results of this program for all three scenarios from FY 1998 to FY 2007 are located in Appendix C. The first page of each year contains the forecasted loads and our CRSP allocation by month. The next two pages represent all of UMPA's existing resources, how they are prioritized, the costs and the generating capacity levels. The following two pages contain the monthly calculated results

that provide UMPA with not only the amount of surplus power, but also how much was generated, which resource has a surplus, the cost for dispatching (dollars and mills/kWh), and the dispatch capacity thresholds. The final page of each year contains the same results but are summarized by season and on an annual basis.

In this section, UMPA will discuss the results of all three methods used to determine if a surplus or deficit occurs during this 10 year study period.

"Low" Scenario

Capacity Table 5.1 contains a comparison of UMPA's Low Scenario 10 year kW forecast (FY 1998-2007) plus the reserve requirements with its existing resources. The Agency's generating resources for the first year total 56,030 kW. The Provo Downtown Turbine has a rated capacity of 9,200 kW, but during this study period, UMPA has placed it on cold standby and therefore zero kW is indicated. UMPA's total generating capacity does not change throughout the 10 year period.

The Agency's total purchase power is 135,931 kW in FY 1998 and gradually increases to 157,811 kW in FY 2003 and maintains that level through FY 2006. This increase is due to UMPA's contract with PacifiCorp which incrementally increases from 28,656 kW to 52,536 kW over the same time period. In FY 2007, the Agency's purchase power is reduced by 8,000 kW due to the termination of the first PacifiCorp contract.

Together, the generating and the purchased power resources total 191,961 kW in FY 1998 and increase to 205,841 kW in FY 2007. When comparing UMPA's total existing resources with the load forecast plus reserves, the results from Table 5.1 indicate excess capacity each year throughout the 10

year period under the low scenario. The surplus capacity in FY 1998 is 33,452 kW and in FY 2007 is 26,168 kW.

Energy Table 5.11 also contains a comparison of UMPA's 10 year MWh forecast (reserves not included) with the maximum energy available from its existing resources. Total maximum energy available from the Agency's resources in FY 1998 is 1,141,565 MWh and it continues to increase to 1,314,137 MWh in FY 2003. At this point, the PacifiCorp contract levels out through FY 2007; however, due to the termination of the first PacifiCorp contract, the maximum energy available decreases to 1,261,577 MWh in FY 2007. The results from this table also indicate that UMPA has sufficient energy under the low scenario through FY 2007. Appendix C contains the custom designed software dispatch program. The annual results not only indicate a surplus of energy through FY 2007, they also display the fact that the diesel generation was not utilized during this 10 year scenario.

In conclusion, UMPA and its member cities have sufficient capacity and energy under the Low Scenario to cover its load growth through FY 2007.

UMPA: LOAD AND RESOURCE COMPARISON (kW)
August/Substation Level
Line Loss: 4.480%

TABLE 5.1
LOW SCENARIO

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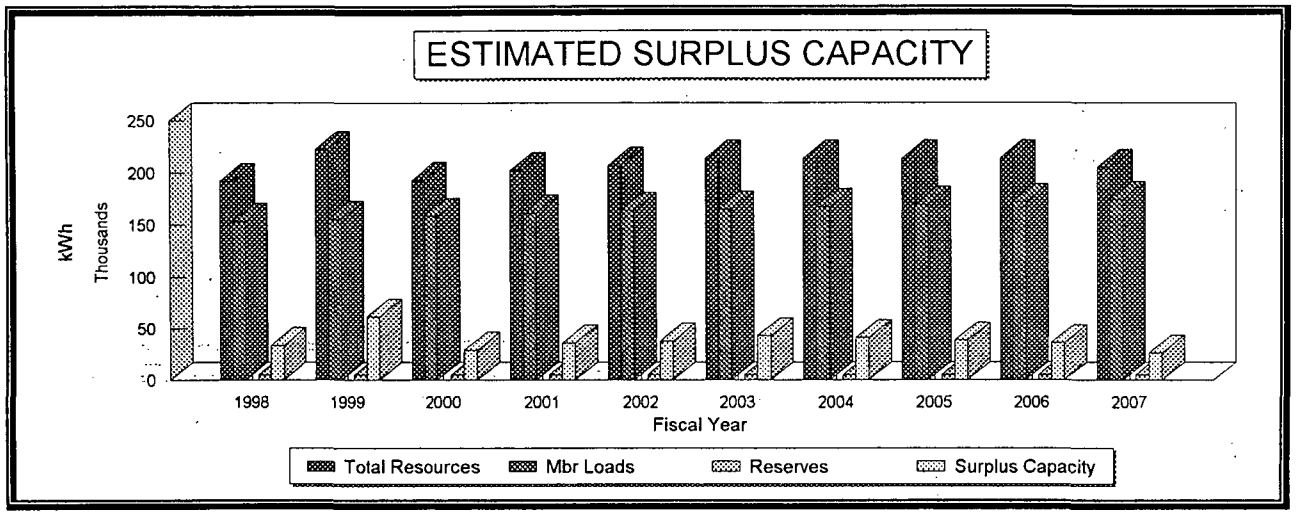
09-Oct-96

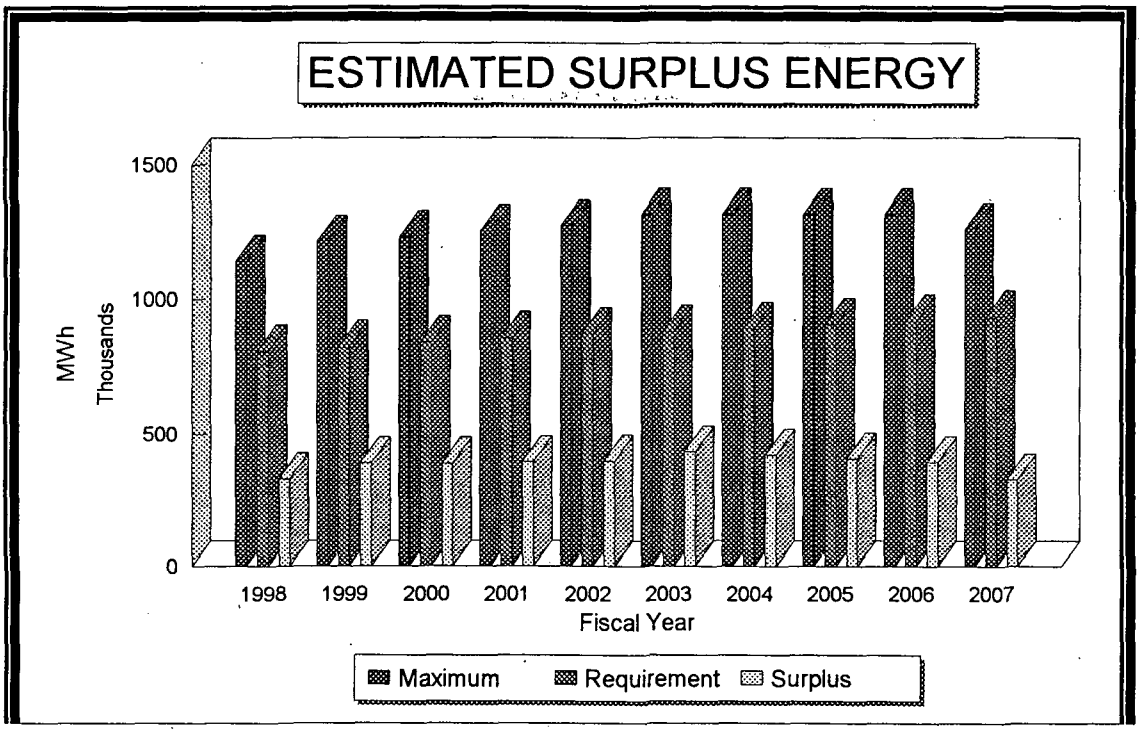


Fiscal	Generating Resources:						Purchased Power					Total	Member	Off Syst	IPP	Excess
Year	Bonanza	Hunter	Bonnett	Hydros	Diesels	Turbine	Bonanza	Western	PPL	PacifiCorp	Deer Creek	Resource	Loads	Sales	Reserves	Capacity
1998	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	10,000	28,656	3,821	191,961	153,509		5,000	33,452
1999	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	11,000	58,267	3,821	222,572	156,077		5,000	61,495
2000	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	10,000	29,611	3,821	192,916	158,739		5,000	29,177
2001	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	41,074	3,821	202,379	161,519		5,000	35,860
2002	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	45,850	3,821	207,155	164,411		5,000	37,744
2003	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	165,690		5,000	43,151
2004	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	167,859		5,000	40,982
2005	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	170,078		5,000	38,763
2006	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	172,349		5,000	36,492
2007	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126		52,536	3,821	205,841	174,673		5,000	26,168

Table 5.11
LOW SCENARIO

MWh

Fiscal Year	Max Energy Available	Member Requirements	Surplus Energy
1998	1,141,565	809,847	331,718
1999	1,214,711	824,837	389,875
2000	1,229,165	840,500	388,665
2001	1,251,065	856,937	394,129
2002	1,272,089	874,160	397,929
2003	1,314,137	881,148	432,989
2004	1,314,137	893,808	420,330
2005	1,314,137	906,797	407,340
2006	1,314,137	920,129	394,009
2007	1,261,577	933,814	327,763



"Base" Scenario

Capacity Table 5.2 contains the Base Scenario 10 year load forecast and compares it with UMPA's existing resources which are identical to those found in Table 5.1. In FY 1998, the estimated surplus capacity is 32,024 kW and a sufficient level of surplus continues throughout the 10 year period. However, in FY 2007, the estimated surplus drops from 21,451 kW to 9,138 kW. The two reasons for the sudden decrease are (1) the termination of the PacifiCorp Contract and (2) the increase in Member Loads.

Energy Table 5.21 contains a comparison of UMPA's 10 year MWh forecast with the maximum energy available from its existing resources. The results indicate that UMPA will have sufficient energy available throughout the 10 year study period to cover its member's loads. In FY 1998, the estimated surplus energy available is 324,294 MWh and in FY 2007, the estimated surplus is 237,644 MWh. The annual results from the Base Scenario section in Appendix C also indicate a surplus of energy for each year and the diesel were not utilized at all in FY 2007.

In conclusion, UMPA and its member cities have sufficient capacity and energy under the Base Scenario to cover its load growth through FY 2007.

UMPA: LOAD AND RESOURCE COMPARISON (kW)
August/Substation Level
Line Loss: 4.480%

TABLE 5.2
BASE SCENARIO

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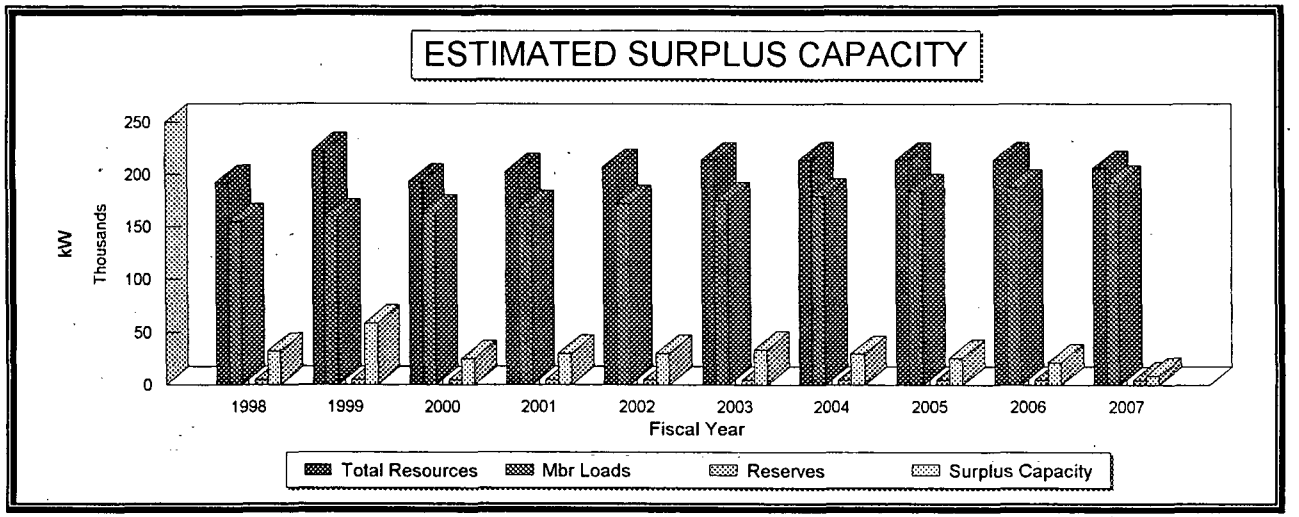
09-Oct-96

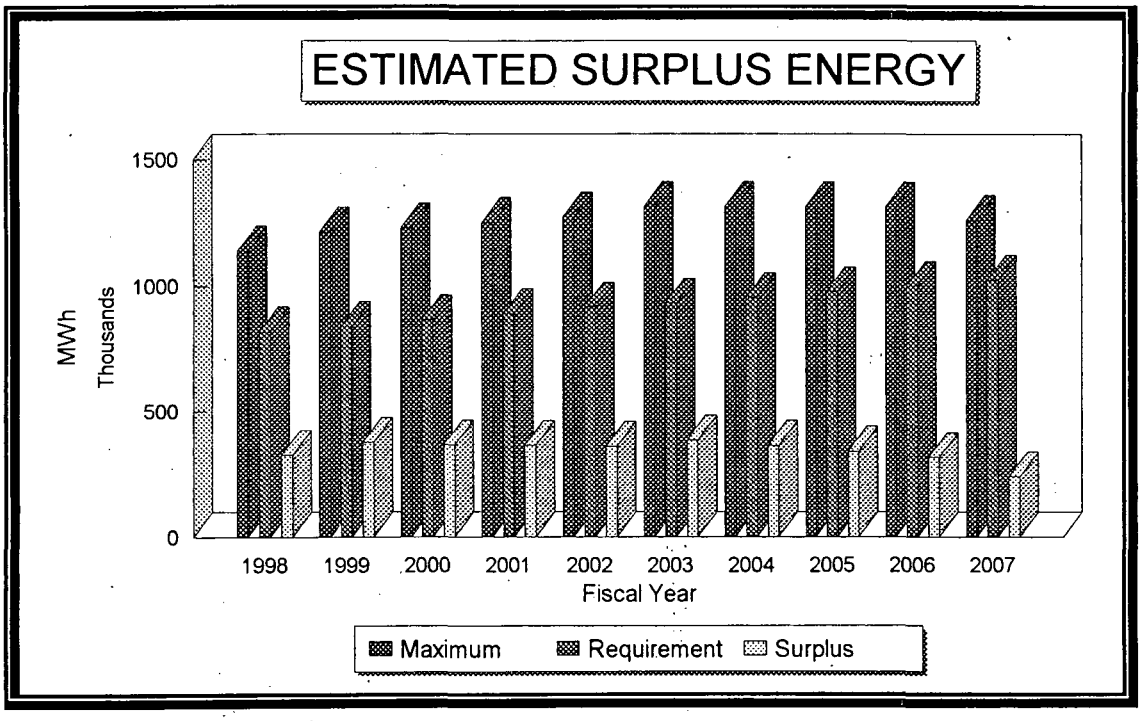


Fiscal Year	Generating Resources: Bonanza	Hunter	Bonnett	Hydros	Diesels	Turbine	Purchased Power: Bonanza	Western	PPL	PacifiCorp	Deer Creek	Total Resource	Member Loads	Off Syst Sales	IPP Reserves	Excess Capacity
1998	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	10,000	28,656	3,821	191,961	154,937		5,000	32,024
1999	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	11,000	58,267	3,821	222,572	158,989		5,000	58,583
2000	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	10,000	29,611	3,821	192,916	163,200		5,000	24,716
2001	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	41,074	3,821	202,379	167,600		5,000	29,779
2002	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	45,850	3,821	207,155	172,184		5,000	29,971
2003	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	175,168		5,000	33,673
2004	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	179,127		5,000	29,714
2005	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	183,199		5,000	25,642
2006	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	187,390		5,000	21,451
2007	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126		52,536	3,821	205,841	191,703		5,000	9,138

Table 5.21
BASE SCENARIO

MWh

Fiscal Year	Max Energy Available	Member Requirements	Surplus Energy
1998	1,141,565	817,272	324,294
1999	1,214,711	840,037	374,674
2000	1,229,165	863,850	365,315
2001	1,251,065	888,839	362,226
2002	1,272,089	915,046	357,043
2003	1,314,137	931,014	383,123
2004	1,314,137	953,174	360,963
2005	1,314,137	976,029	338,108
2006	1,314,137	999,605	314,532
2007	1,261,577	1,023,933	237,644



"High" Scenario

Capacity Table 5.3 contains the High Scenario 10 year load forecast and compares it with UMPA's existing resources. The results indicate that from FY 1998 through FY 2004, there is surplus capacity available to cover forecasted loads. In FY 2005, UMPA estimates a deficit of -2,761 kW and this deficit increases to -25,511 kW in FY 2007.

Energy Table 5.31 contains a comparison of UMPA's 10 year MWh forecast with the maximum energy available from its existing resources. The results indicate a surplus of energy through FY 2007. However, in FY 2005 the surplus drops below 200,000 MWh and by FY 2007, the surplus energy is only 51,457 MWh. This method of calculation is a "net" summation of the overall energy available. Table 5.31 does not differentiate between on or off peak which creates an uncertainty of whether UMPA can cover load for all 24 hours day.

This is where the dispatch program provides additional information on whether or not UMPA has sufficient "on peak" energy to cover the forecasted loads. From FY 1998 through FY 2006, the Agency does have surplus on peak energy available. However, it is important to note that in FY 2004, the annually summary printout indicates the diesel engines were dispatched 382 MWh on peak, in FY 2005, the diesels increased to 12,457 MWh and in FY 2006, they were dispatched 30,387 MWh.

In FY 2007, the dispatch program indicates an energy deficit. On the annual summary printout of FY 2007, the surplus energy available on peak is estimated at 4,200 kWh, but due to the fact UMPA has insufficient capacity to cover its forecasted load, the dispatch program under-dispatched by 54,271 MWh. The Agency estimates that 50% of the under-dispatched amount can be considered on peak and when added to the surplus energy, a deficit of 22,935 MWh is realized.

In conclusion, UMPA and its member cities have sufficient capacity until FY 2005 and sufficient energy until FY 2007.

UMPA: LOAD AND RESOURCE COMPARISON (kW)
August/Substation Level
Line Loss: 4.480%

TABLE 5.3
HIGH SCENARIO

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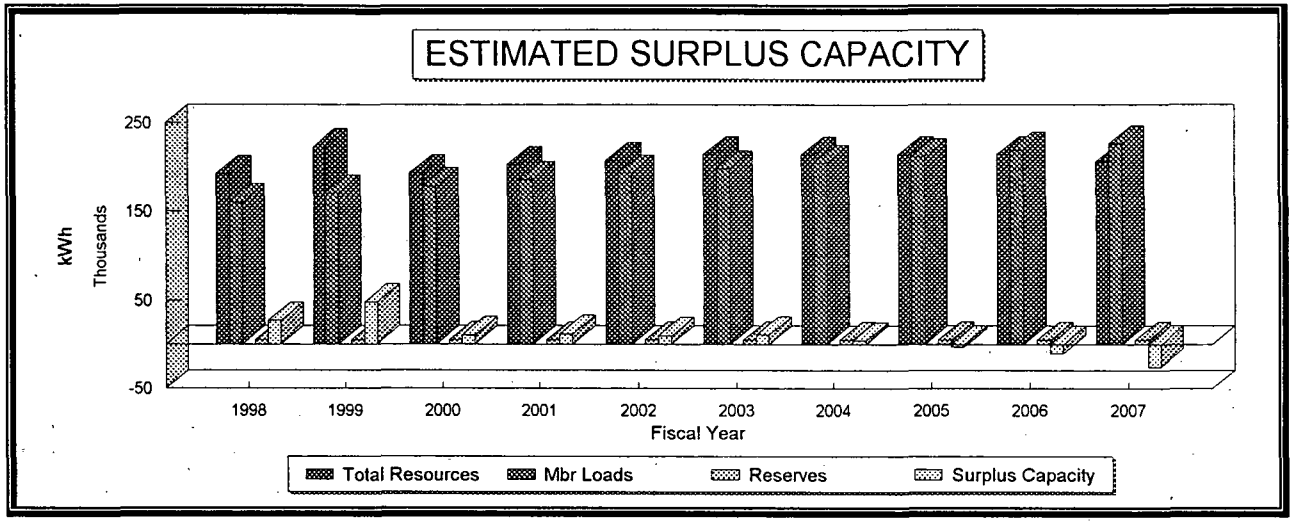
09-Oct-96

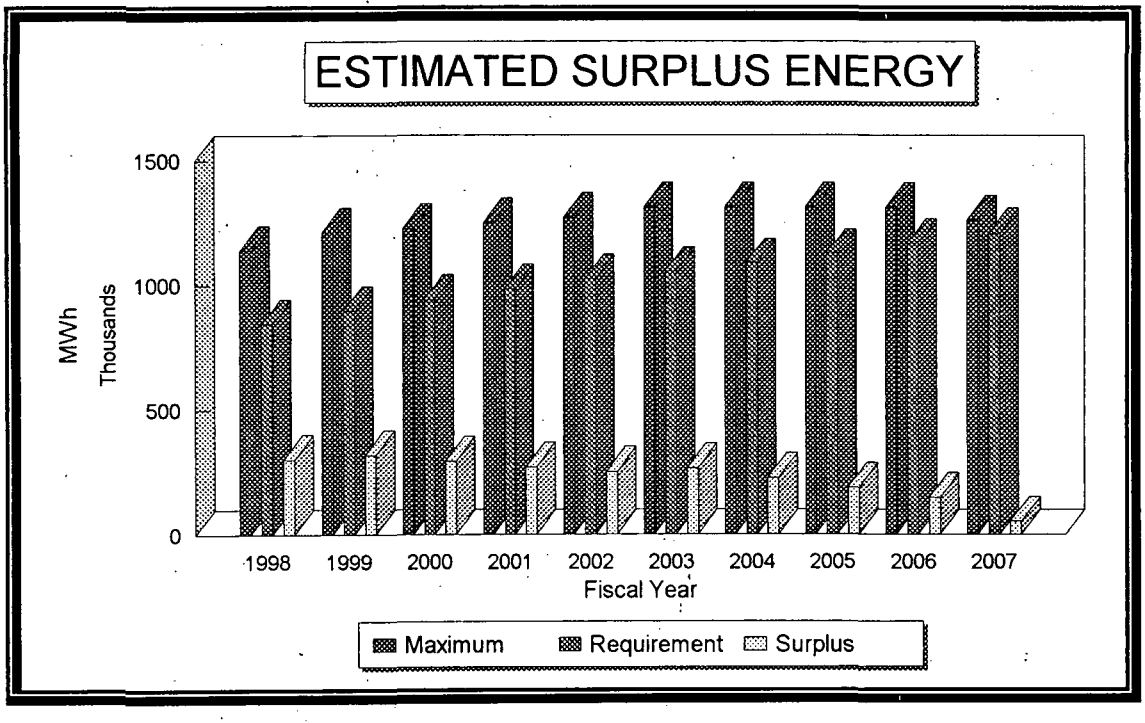


Fiscal Year	Generating Resources: Bonanza	Hunter	Bonnett	Hydros	Diesels	Turbine	Purchased Power: Bonanza	Western	PPL	PacifiCorp	Deer Creek	Total Resource	Member Loads	Off Syst Sales	IPP Reserves	Excess Capacity
1998	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	10,000	28,656	3,821	191,961	160,223		5,000	26,738
1999	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	11,000	58,267	3,821	222,572	170,063		5,000	47,509
2000	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	10,000	29,611	3,821	192,916	177,610		5,000	10,306
2001	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	41,074	3,821	202,379	185,448		5,000	11,931
2002	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	45,850	3,821	207,155	192,596		5,000	9,559
2003	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	197,992		5,000	10,849
2004	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	204,661		5,000	4,180
2005	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	211,602		5,000	(2,761)
2006	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126	8,000	52,536	3,821	213,841	218,827		5,000	(9,986)
2007	15,283	24,835	4,012	1,900	10,000	0	14,328	79,126		52,536	3,821	205,841	226,352		5,000	(25,511)

Table 5.31
HIGH SCENARIO

MWh

Fiscal Year	Max Energy Available	Member Requirements	Surplus Energy
1998	1,141,565	843,260	298,306
1999	1,214,711	896,978	317,733
2000	1,229,165	938,934	290,232
2001	1,251,065	982,228	268,837
2002	1,272,089	1,022,948	249,142
2003	1,314,137	1,051,695	262,442
2004	1,314,137	1,088,790	225,347
2005	1,314,137	1,127,501	186,636
2006	1,314,137	1,167,915	146,222
2007	1,261,577	1,210,120	51,457



SECTION IV - CRSP ALLOCATION REDUCTION

Glen Canyon Dam, the largest resource in CRSP, has been the subject of an Environmental Impact Statement. The Record of Decision has recently been released indicating a significant reduction in the amount of capacity which may be available to UMPA and others starting in October 1997, according to current plans.

While a reduction in capacity is assured, UMPA has not yet received the finalized allocation amounts to be made available due to a process called Adaptive Management. This process allows Glen Canyon Dam operations to be modified according to the findings of investigations along the river downstream of the Dam. Western did provide a draft monthly allocations to be used for planning purposes. UMPA expects that final numbers will be available in the near future, and the Contract Amendment invoking these reduced amounts soon ready for signature.

It is germane to point out that while capacity available from CRSP will be reduced, energy will remain about the same. The replacement of lost capacity can be accomplished directly by UMPA through purchases or arrangements can be made for Western to replace the lost capacity, at the Agency's expense, with delivery possibly starting in October 1997. UMPA at that point will have the option of calling upon our own resources and purchase agreements, arranging with Western to act in our behalf, or to seek a different power supply, all according to economic and reliability considerations.

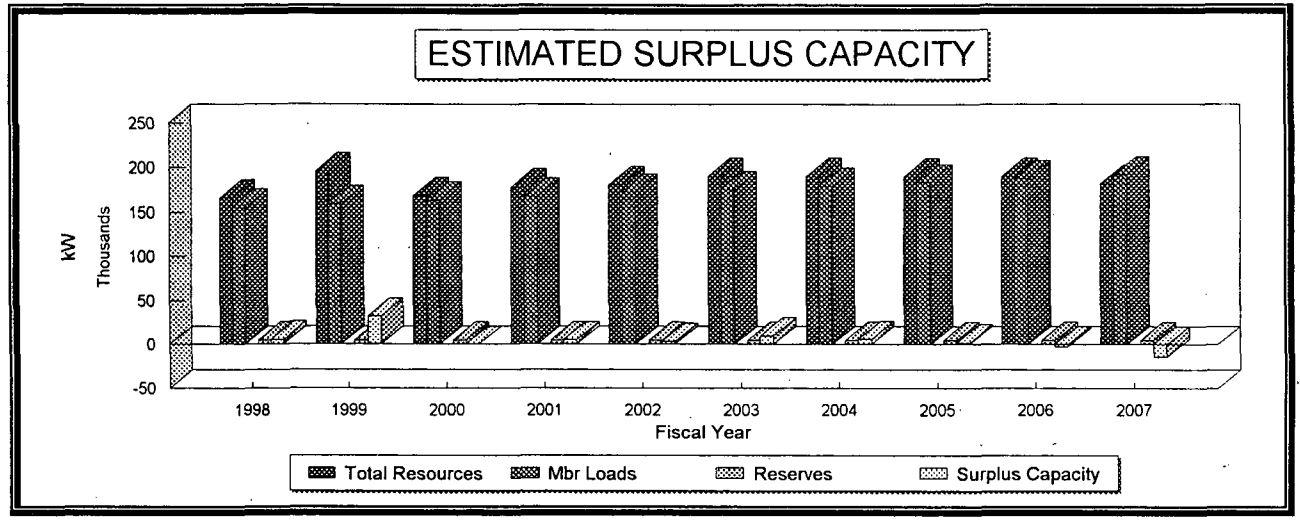
If UMPA chose to call upon our own resources and purchase agreements to replace the lost capacity instead of arranging with Western to act in our behalf, Table 5.4 contains the results. The Base Scenario 10 year load forecast is compared with UMPA's existing resources. The reduced draft CRSP allocations have been included to determine if UMPA and its member cities have sufficient

capacity to cover the forecasted loads. The results indicate that sufficient capacity is available until FY 2006 when a deficit of 2,184 kW is estimated. Table 5.41 contains the summary page of the energy dispatch program for FY 2007. These results indicate that even though a deficit of capacity occurs in FY 2006, UMPA and its member cities have sufficient energy through FY 2007. The estimated annual surplus of energy off peak and on peak is 245,128 MWh and 54,273 MWh respectfully.

UMPA: LOAD AND RESOURCE COMPARISON (kW)
August/Substation Level
Line Loss: 4.480%

TABLE 5.4
BASE SCENARIO
CRSP - October 1997

C:\...\IRP\B-Ld-NwC
24-Oct-96



Fiscal Year	Generating Resources: Bonanza	Hunter	Bonnett	Hydros	Diesels	Turbine	Purchased Power: Bonanza	Western	PPL	PacifiCorp	Deer Creek	Total Resource	Member Loads	Off Syst Sales	IPP Reserves	Excess Capacity
1998	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	10,000	28,656	3,821	165,460	154,937		5,000	5,523
1999	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	11,000	58,267	3,821	196,071	158,989		5,000	32,082
2000	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	10,000	31,522	3,821	168,326	163,200		5,000	126
2001	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	8,000	42,984	3,821	177,788	167,600		5,000	5,188
2002	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	8,000	45,850	3,821	180,654	172,184		5,000	3,470
2003	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	8,000	55,402	3,821	190,206	175,168		5,000	10,038
2004	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	8,000	55,402	3,821	190,206	179,127		5,000	6,079
2005	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	8,000	55,402	3,821	190,206	183,199		5,000	2,007
2006	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625	8,000	55,402	3,821	190,206	187,390		5,000	(2,184)
2007	15,283	24,835	4,012	1,900	10,000	0	14,328	52,625		55,402	3,821	182,206	191,703		5,000	(14,497)

[Fiscal Year 2006-07]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	55.9	1219639	183,323	1631575	80,606	102,717	(0)	0	74.7%	
HUNTER	26.0	2318162	55,633	995839	7,411	48,222	52,701	5,858	48.7%	
BONANZA	31.0	3275703	108,840	823915	46,020	62,820	24,508	620	79.9%	
COVE FORT	4.0	1286881	17,568	20203	9,248	8,320	0	0	100.0%	
MEMBER H	3.0	273600	8,784	0	4,624	4,160	0	0	66.7%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	175200	6,507	357127	0	6,507	23,120	14,293	14.8%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	278484	5,549	4,952	0	0	82.0%	
	58.0	556850	122,196	3739191	48,195	74,001	52,173	15,423	48.0%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	190.8	9106035	513,352	7846333	201,652	311,700	152,503	36,193	< Avg Cost = 33.0 mills	>

[Fiscal Year 2006-07]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	62.6	1429865	198,546	1767059	80,807	117,739	(0)	0	72.6%	
HUNTER	26.0	2318162	77,518	1387575	24,376	53,142	35,112	938	68.3%	
BONANZA	31.0	3257803	131,023	991842	67,919	63,104	1,505	0	96.8%	
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	175200	9,884	542421	510	9,374	22,370	11,426	22.6%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
	28.0	320350	68,886	2107905	22,954	45,932	33,638	5,716	56.3%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	162.6	8925061	507,696	6816895	208,006	299,691	92,625	18,080	< Avg Cost = 31.0 mills	>

[Fiscal Year 2006-07]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	62.6	2649504	381,869	3398634	161,413	220,456	(0)	0	69.6%	
HUNTER	26.0	4636324	133,152	2383413	31,787	101,364	87,813	6,796	58.5%	
BONANZA	31.0	6533505	239,862	1815757	113,938	125,924	26,014	620	88.3%	
COVE FORT	4.0	2573762	35,040	40296	18,400	16,640	0	0	100.0%	
MEMBER H	3.0	410400	13,152	0	6,912	6,240	0	0	50.0%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	350400	16,391	899548	510	15,881	45,490	25,719	18.7%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	278484	5,549	4,952	0	0	41.1%	
	58.0	877201	191,082	5847096	71,149	119,933	85,811	21,139	37.6%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	197.5	18031096	1,021,048	14663229	409,658	611,390	245,128	54,273	< Avg Cost = 32.0 mills	>

Notes

UTAH MUNICIPAL POWER AGENCY
DEMAND-SIDE RESOURCES

An alternative to increasing UMPA's supply of generating capacity is to reduce the demand for power. This reduction of power is brought about by programs called Demand-Side Management (DSM) programs. In this chapter, we will discuss several DSM options that have been evaluated by UMPA. In Chapter 8, we will discuss the criteria used in the evaluation and the results of the DSM options.

If DSM programs are implemented and reduce the customers' need for electricity through greater efficiency or efficiencies achieved by the Agency, then UMPA can delay the acquisition of additional supply-side resources. If the long-term cost of reducing power consumption is less than the cost of acquiring additional supply-side resources, then the long-term cost to the consumer will be less. In addition to fewer kWh being generated, there is a societal benefit that may impact the quality of air both locally and nationally and reduce the need for non-renewable resources. Also, if thermal resources are used to supply load growth, every kWh saved today will save over a pound of coal for use by some future generation.

There are a number of ways to improve the efficient use of electricity. UMPA needs to implement those DSM programs which will provide the most economic benefits overall. In order to determine the program's costs and benefits, the Agency used the "Utility's Cost Perspective" method. This method is based on the financial impact on the utility. The benefits are the avoided capacity and energy costs. The costs are UMPA's program costs, incentives paid out to customers, and any increased supply costs. If a chosen DSM program were to result in a customer incurring initial capital costs, O & M costs, or an increase in their electric

bill, UMPA will apply a second method called "Participant's Cost Perspective" to analyze the program.

The Agency and its member cities are planning to finance 100% of the initial capital costs of the DSM Programs and do not plan on having our member cities' customers incur O&M costs or an increase in their electric bill, therefore, only the "Utility Cost Perspective" method is used in this IRP.

SECTION I - LOAD SHAPE OBJECTIVES

When choosing a DSM program for implementation, it is important to know that the program technologies meet UMPA's goals and load shape objectives. There are six different types of load shape objectives:

1. Peak Clipping - reduces a utility's system peak demand, thus reducing the need to operate peaking units with relatively high fuel costs.
2. Valley Filling - increases or builds off peak loads.
3. Load Shifting - involves moving loads from peak periods to off-peak periods.
4. Strategic Conservation - results from a program in which load reduction occurs in all or nearly all time periods.
5. Strategic Load Growth - is a form of load building that increases efficiency in a power system. It can be induced by customer rate decreases and encouragement of electric intensive technologies.
6. Flexible Load Shape - has the ability to modify the load shape on short notice by implementing a DSM program such as water heater cycling.

Table 6.1 shows, in graphical form, how these different objectives impact a utility's load shape.

UMPA's load shape objective is Strategic Conservation. Chapter 5 reviewed the existing resources, and the retirement life of the majority of existing resources extend to the year 2018 and beyond. This diversified mix of resources fits UMPA's existing load curve. At this time, the Agency does not want a resource that changes the load curve or a resource that does not fit

the load curve. UMPA wants to encourage increase in the electrical demands at a decreasing rate by implementing DSM programs that are economically feasible and reliable.

TABLE 6.1

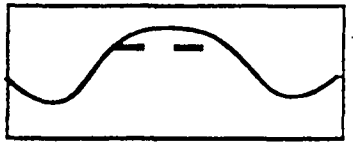
Intro Profile Data **Situation** Weighting Analyses Reports

I 4-4 Load Shape Objectives

SELECT THE LOAD SHAPE OBJECTIVE(s) FOR ANALYSIS:

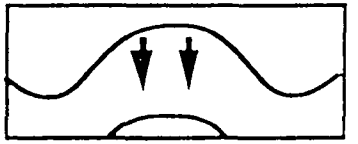
PEAK CLIPPING -

Winter [X]
Summer [ ]



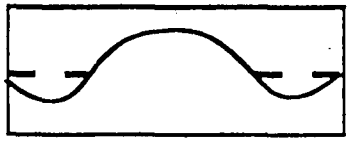
STRATEGIC CONSERVATION -

Winter [X]
Summer [X]



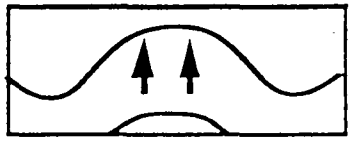
VALLEY FILLING -

Winter [ ]
Summer [ ]



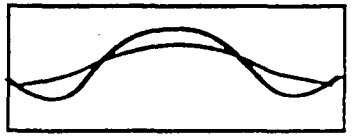
STRATEGIC LOAD GROWTH -

Winter [ ]
Summer [ ]



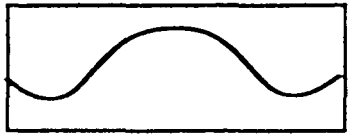
LOAD SHIFTING -

Winter [ ]
Summer [ ]



FLEXIBLE LOAD SHAPE -

Winter [ ]
Summer [ ]



SECTION II - DEMAND-SIDE RESOURCE OPTIONS

In total, 61 different DSM programs were reviewed, 49 of them were eliminated because they did not meet UMPA's Strategic Conservation objective or they scored low during the objective analysis and were not chosen to be further evaluated. The remaining 12 programs were developed and evaluated. These programs were patterned after the most common and most cost effective programs used by other utilities. These 12 programs are described below:

1. Residential Audit - This program requires that a representative from the member system visit customer homes and evaluate how efficiently they are using electricity. It will not only increase the customers' awareness of energy use, but it will also provide the homeowners with information to increase energy efficiency and to lower their consumption, thus lowering their electric bill. Examples of such conservation improvements are door/window weather-stripping, caulking, window film, storm windows, low flow showerheads, fluorescent lamps, and energy efficient appliances such as refrigerators and air conditioners. UMPA members will also include an electric water heater blanket and pipe wrap with the home audit, however, we have decided to evaluate the heater blanket and pipe wrap separately to see how it compares with the other programs.

2. Electric Hot Water Heater Blanket and Pipe Wrap - Most electric water heaters have some insulation in the tank walls. This energy program can reduce the energy use and demand by wrapping the tank in an additional R-11 insulation blanket. The first five feet of hot water pipe emits enough heat to justify an insulation wrap in all cases. By

wrapping the hot water heater and pipe, a savings of 10% for both energy and demand is realized. Most water heaters come from the manufacturer preset at 140 degrees. Additional savings can be realized by adjusting the temperature setting on the tank to 130 degrees.

3. Motor Efficiency - This program encourages customers to use more energy efficient motors in order to use less electricity and improve the system power factor. A major manufacture of motors estimates that U.S. annual sales exceed two million motors. Energy efficient motors should be considered in the following instances:

    a. For new facilities or when modifications are made to existing installations or processes

    b. When procuring equipment packages

    c. Instead of rewinding failed motors

    d. For replacing oversized and underloaded motors

    e. When utility rebates are offered that make high-efficiency motor retrofit even more cost effective.

    Energy efficient motors now available are typically 2-6% more efficient but 15-30% more expensive than their standard motor counterparts.

4. Voltage Regulator Control - UMPA can use this technology in two different ways. The first way would be to utilize a voltage regulator control at each transformer with voltage "tap changer" capabilities. Then the system can be activated by the dispatcher in the operation center by sending a signal out on the SCADA system, which in turns activates the regulator at the substation. There are several incremental steps up and down from

the neutral position to achieve the desired voltage and load. Each step can lower the voltage two volts. The intent of the first method is to cut load during the peak periods. The second method of using this technology is to manually adjust each transformer's "tap changer" to the desired position and leave it. This option would accomplish UMPA's load shape objective. However, before this program can be implemented, further analysis should be performed on UMPA's overall system, to ensure performance and evaluate which substations would produce the highest cost/savings ratio.

5. Tree Planting - This program involves trees that will be purchased by the member system to be planted in strategic locations so that energy can be saved by mitigating severe weather conditions. Not only will household cooling and heating energy be reduced, but this program will remove carbon dioxide, intercept particulates, and absorb gaseous pollutants which will enhance the environment.

6. Infra-red Scanning - This program can be set up in two parts. First, member system can scan all their transmission and distribution lines to evaluate if there are "hotspots" which cause loss of energy and reliability. This also serves as a preventive maintenance program to reduce unexpected outages due to faulty connections/mechanical failure or overloading. Second, the infra-red scanning devise can be used to scan both commercial and residential customer structures during an audit. During the heating season, it can locate areas of a home where excessive heat is escaping through such areas as windows, doors, and ceilings. When corrected, this will also reduce the need for cooling.

7. Master Metering - This program assists apartment complex owners to convert from one "master" meter to individual meters for each unit. This will allow the tenants to control

the amount of electricity they use and has the potential for savings of 10 to 30% in energy consumption. If conditions are such that individual units can not be separated, then conservation measures from the energy audit can still achieve the same or similar end results. This program may need to be initiated by city ordinance.

8. In-House Conservation - This program examines all municipal buildings and analyzes the energy consumption in order to calculate the efficiency of each building that can be achieved. Each structure should have its own meter to record energy consumption. Through the in-house energy audit, it can be determined which buildings have potential for energy savings. Most municipal building accounts are exempt and written-off and therefore provide little incentive for city administrators to conserve energy. This program can also be used as a showcase for the member cities' commercial customers interested in reducing their energy consumption through conservation measures.

9. New Construction - This program can achieve a reduction in energy consumption by either modifying local building codes or charging a large impact fee for contractors wanting to build facilities without installing energy efficient measures. For each energy efficient measure that is to be installed, the building permit or impact fee would be reduced accordingly. The savings from either method is estimated to be around 20 to 30% of energy consumption without this incentive.

10. Street Light Upgrade - This program involves retrofitting all existing mercury vapor and incandescent lighting with high pressure sodium lights. The estimated energy savings is approximately 40%. Even though this program targets energy reduction during mostly off peak hours, most public power utilities provide this service without charge. This

program reduces the fuel consumption and transmission losses and results in a savings of power supply costs for each member city.

11. Education Program - This program is rather easy to implement and the savings are very difficult to measure. This program provides information on efficient programs that enable customers to make more intelligent decisions concerning energy use. This is accomplished through public school presentations, community presentations, seminars, fairs, and Public Power Week activities. The technologies used would be multi-media presentations, brochures, and pamphlets. Through early education, the younger generation will be more energy conscious.

12. Air Conditioning Cycling - This program involves the installation of a switch on the customer's air conditioning unit. During the summer periods of high energy demand, the member system sends a signal to the switch which interrupts the signal from the thermostat to the compressor. This interruption may vary from 15 minutes to a solid four hour block, depending on the option the customer signs up for. The computer systems will be used to control the program and the customers who sign up for the program may receive a credit on their bill or some other incentive to compensate for the potential inconvenience.

In addition to the DSM programs mentioned above, UMPA and its member cities will continue working to improve their system efficiencies in the areas of generation, transmission, and distribution. These improvements consist of ongoing programs such as purchasing low loss transformers, installing capacitors, and minimizing unnecessary parasitic load at the power plants.

Notes

UTAH MUNICIPAL POWER AGENCY
SUPPLY-SIDE RESOURCES

When comparing the future capacity and energy needs of UMPA's member cities with the existing resources, the results indicate that UMPA has sufficient resources to cover its future growth under all three scenarios. However, UMPA will still continue to review proposals from other utilities to purchase a power contract or an ownership position in a power plant. The reason for reviewing all proposals during this study period is because there could develop a reliable, less expensive resource that UMPA may want to obtain and back off or defer an existing resource in order to realize a financial savings or increased reliability. In this chapter, we will discuss several supply-side proposals that have been evaluated by UMPA. These supply-side resources consist of fossil fueled and renewable resources. Information on the criteria used to evaluate these resources and the evaluation results will be discussed in Chapter 8.

This first resource proposal was submitted by a power marketer. This contract would provide UMPA with firm capacity and energy over a 14 year period (1999-2012). UMPA would be able to purchase 2 MW in the early years and gradually purchase up to 13 MW while maintaining a 50% to 75% load factor. This resource would be available at Bonanza or Mona and carry with it a 4% escalation rate per contract year.

The next resource proposal was submitted by Deseret Generation and Transmission. This contract provides system contingent capacity and energy and its term would end in December 2001. UMPA would be able to purchase 8 MW and gradually increase to 15 MW. This resource would be available at Mona and contain a 0% escalation rate on capacity and energy during this term.

Another resource proposal was submitted by PacifiCorp for firm capacity and energy from 1997 through 2000. The Agency would purchase 8 MW and have it delivered to our load. One of the key elements of this contract is that this purchase would not be added to our monthly wheeling peak and PacifiCorp incurs the losses. The annual escalation rate during this period would be 4.9% for energy and 3.5% for capacity.

UMPA received a proposal to purchase 10 MW from a 200 MW Combined Cycle Combustion Turbine. This proposal was unit contingent and its term was for 20 years (1998-2017). The proposal indicated that this unit will be located be in Southwestern Colorado and its escalation rate for energy ranges from 3.5% to 6.0% and for capacity is 0%.

The next resource proposal that UMPA received was unit contingent based upon a 55 MW coal fired system to be located in Sunnyside, Utah. The term of this agreement would only be for 6 months to 3 years. The Agency could purchase up to 8 MW and associated energy was calculated on a 85% load factor. However, the information on this project was very brief and

detailed data needed for an economic analysis was not available. Therefore, no extended studies on this proposal were completed by UMPA.

Another resource proposal was for 10 MW over a 20 year period (1997-2016). This project consisted of a 20 MW gas fired resource and was unit contingent. The location of this project will be in Carbon County. The escalation rate and load factor was not available the time this information was provided. Due to the lack of detailed data, no extended studies on this proposal were completed by UMPA.

Deseret sent UMPA a proposal to sell their CRSP allocation from 1996 to 2001 at cost. A total of 123 MW of firm capacity and associated energy was available and the terms and conditions would follow the same terms and conditions that UMPA currently follows for its own CRSP allocation.

One of UMPA's existing resources is the geothermal power plant located near Sulphurdale, in central Utah. In order to continue utilizing this geothermal energy, UMPA initiated a study to investigate potential options to maintain the reliability of this resource because of the limited steam reservoirs. The UMPA Staff, Technical Committee and Board of Directors have reviewed and evaluated 17 possible options that were included in the study and accepted two for implementation. The first option (Case 3) assumes the field is unitized, so the steam produced from the federal well can be utilized by the Phase III turbine. The second option (Case 5) flashes brine at a rate of 1800 gallons per minute by installing a state of the art electric pump on the surface of the well to pump hot water from a depth of 1300 feet to the surface. This brine is flashed and double flashed into steam and fed into the existing generating units.

Both options have been successfully implemented and an additional 1,500 kW of plant output has been gained. With this success in mind, additional resources may be acquired by

drilling other hot water wells and installing pumps when needed if it is priced competitively. Operating one change was necessary to make due to combining the federal steam with the fee land steam, there is no longer enough high pressure steam to effectively use the Topping Turbine.

Another of UMPA's existing resources is the steam turbine at the Provo Downtown Plant. Even though it is in the preparation stages for cold standby, future situations may arise to justify bringing this turbine back on line. The rated capacity of this unit is 9,200 kW and it is estimated to have a 15 year life expectancy.

The wind turbine has a 30 kW unit and has been in operation for roughly a year and shown some promise for smaller remote siting. The information gained from this experiment has been very valuable to the turbine manufacture which should help in the design of even more cost effective turbines in the future.

The final proposal that will be discussed in this chapter deals with a contract that was signed and ready for implementation. In February 1994, UMPA entered into an agreement with PacifiCorp to purchase firm capacity and energy beginning January 1, 1997. This contract started with 2 MW and gradually increase to 13 MW over the term of the contract (2012). The associated energy that UMPA would be required to take, in terms of load factor, ranged between 50% and a maximum of 75%. UMPA has recently revisited this contract and with the approval from its Board of Directors and Technical Committee, has decided to canceled it. The reason for cancellation is based on economics. Currently, the Agency has sufficient resources to cover its future growth and by having this contract implemented would most likely cause a reduction in generation from a less expensive resource.

Notes

UTAH MUNICIPAL POWER AGENCY
RESOURCE INTEGRATION

The forecast of UMPA's loads and assessment of existing and future resources are key elements in arriving at an appropriate mix of potential resource portfolios. The integration and evaluation of these portfolios on a least cost basis identifies those which best meet the needs of our member cities and society. In this chapter, we will discuss the criteria that UMPA used to evaluate each resource and compare the evaluation results. We will also discuss the environmental and uncertainty issues that relate to the potential resources.

SECTION I - DEMAND-SIDE RESOURCES

Criteria and Public Process

In order to obtain a good evaluation for the remaining 12 potential DSM programs, packets of information were developed on each program which are included in the DSM Manual. These packets were distributed for review to UMPA's Technical Committee comprised of representatives from each of the member cities. At several public meetings, this Committee met together to discuss and rate the 12 programs against each of the criteria listed below:

1. Ease of Implementation - How difficult would it be to develop and implement the DSM program?

2. Penetration Ability - Is there reliability/viability in the saturation level or will it reach only a few end use customers?

3. Record Keeping - How difficult will it be to obtain the necessary data on the program for tracking purposes?

4. Reliability - If the program is implemented, can we rely on the capacity and energy savings to occur at the proper time frame or at all?

5. kWh, kW Savings - Compared to other DSM programs, how much capacity and energy can be saved on an annual basis?

6. Credible Statistics - Are the statistics measurable (ie. by a meter) or are they generated from an estimate or survey?

7. Balance of Load and Resource Integration - Does the program meet UMPA's load shape objectives as determined by forecasting models supported by historical data?

Results

Over the development period, the Technical Committee evaluated the projects with input from their cities' perspectives, having been advised by their Citizen Advisory Board. These evaluation results are combined and presented in Table 8.1 which contains the rankings. The

scale used in this spreadsheet is from one to five (five being the best score) with a weighted factor used on criteria number seven to signify the level of importance for that item.

After reviewing the results, the Technical Committee recommended that the following programs be further evaluated economically:

1. Audit Program (Hot Water Heater Blanket & Pipe Wrap, Low Flow Showers Heads & Faucets)
2. Voltage Regulator Control
3. Tree Planting
4. Master Metering
5. In-House Conservation
6. Street Light

The three projects that were not recommended for further evaluation were New Construction, Motor Efficiency, and Air Conditioning Cycling because they did not meet UMPA's Strategic Conservation Objectives and did not fit the criteria.

Tables 8.2 to 8.12 contain the economic results of each of the programs. These tables are set up in three sections. The first section is where the data is entered. The second section shows the calculations to obtain the energy and capacity savings and the levelized dollar benefits and costs of the program. The third section contains the results, which are the Utility Benefit Cost Ratio, the Levelized Energy Composite (mills/kWh) and the Levelized Demand Composite ($/kW-yr).

Tables 8.2 to 8.4 are related to the Residential Audit Program. One incentive to help the cities obtain the desired penetration level is to inform the residential customers that they will receive a free electric hot water heater blanket and pipe wrap and a free low flow shower head and aerators for their faucets. With these incentives, the utility representative will audit the home. Also, infra-red scanning may be included as part of the audit. Table 8.4 contains the economic results of the low flow shower heads and faucets which have the highest benefit cost ratio (5.39) and is the least costly portion of the audit program (9.0 mills/kWh). However,

Table 8.3 contains the results of the water heater blanket and pipe wrap which also has a good benefit cost ratio (1.66) and has a low levelized energy composite (29.1 mills/kWh). Table 8.2 represents the estimated cost of the entire audit program. Overall, the audit program shows that the benefits exceed the costs (1.26) and the levelized energy and demand composites (38.2 mills, $334/kW-yr) are below most supply-side resource options available today.

Tables 8.5 and 8.6 deal with replacing mercury vapor street lights with high pressure sodium street lights. Table 8.5 represents a scenario where a contractor develops a new subdivision and the city installs high pressure sodium lights. Not only is there a capacity and energy savings (kW, kWh), but based on wholesale prices, the high pressure sodium light fixtures cost less. Therefore, the results are all negative costs which means "do it." Table 8.6 represents a scenario where a utility must replace the old mercury vapor with a high pressure sodium light. The results of this situation show that the benefits equal the costs (1.00); however, the levelized energy composite is a little higher than expected (70.8 mills/kWh).

Table 8.7 contains the results of the Tree Planting Program. From an economic standpoint, it is not an expensive program to implement. The benefits exceed the costs (2.72) and the levelized energy composite is 57.5 mills/kWh and the levelized demand composite is $87/kW-yr.

Tables 8.8 to 8.10 contain the economic results from the Voltage Regulator Control Program. UMPA included this program with the DSM resources because it reduces the customer's demand for electricity. Basically, there are two ways to implement this program. The first is to physically visit each of the designated transformers and manually adjust the "tap changer" settings for the desired voltage. The second is to install voltage regulator controls on the transformers and have them controlled by the SCADA system operator when needed. Tables 8.9 and 8.10 show that the benefits of this program exceed the costs (34.4), the levelized

demand composite is very low ($6/kW-yr), and the more times the utility invokes the program, the lower the levelized energy composite gets. Table 8.8 shows that under the manually adjusted method, UMPA can obtain large energy and capacity savings at no additional cost.

Table 8.11 contains the economic results of the In-House Conservation Program. This project consists of retrofitting most light fixtures with reflectors, using two T-8 lamps and one electronic ballast, installing chillers, replacing single speed drives to variable speed drives, and installing controls throughout the HVAC system. The results show that the program's benefits equal the costs (1.00) and the levelized demand composite ($364/kW-yr) is low when compared with other supply-side resources.

Table 8.12 contains the economic results of the Master Metering Program. If a member city has some apartment units sharing one "master" meter then it is to the utilities benefit to install individual meters for each unit. Assuming a $50 cost per meter, the benefits exceed the costs (6.20) and the levelized energy composite is very low (9.7 mills/kWh).

The Education Program was not economically evaluated mainly because it is very difficult to quantify. However, UMPA member cities will continue to implement this program not withstanding the inability to quantify the program, the energy savings will occur and reduction will be achieved.

5. DEMAND-SIDE PROGRAMS: CRITERIA

		Ease of Implement	Penetration Ability	Record Keeping	Reliability	kWh, kW Savings	Credible Statistics	(X 5) Bal of Ld Rsrc Integrtn	Total
A/C Cycling	X	1.7	2.0	4.0	2.8	2.4	3.8	7.5	24.1
Audit Program		3.5	3.2	3.1	3.3	3.0	2.4	16.0	34.4
Motor Efficiency	X	2.3	2.5	3.1	3.6	3.2	3.7	15.0	33.4
Voltage Control Reg		4.4	4.9	4.8	4.1	4.0	4.4	14.5	41.1
Water Heater & Pipe		3.3	2.9	2.8	3.9	3.1	3.6	17.5	37.0
Tree Planting		2.8	3.5	2.5	2.9	2.8	2.9	16.5	33.7
Infra-red Scanning		4.6	4.6	3.2	4.3	4.0	2.9	18.5	41.9
Master Metering		3.0	3.5	3.7	3.3	3.1	2.7	17.5	36.6
In House Conservation		4.2	4.3	3.9	4.1	3.8	4.1	20.4	44.7
New Construction	X	2.8	3.9	3.3	3.9	3.3	3.6	17.5	38.1
Street Lights		4.6	5.0	4.6	4.8	4.3	4.7	19.0	47.0
Education Programs		3.7	3.5	3.5	3.0	2.1	2.2	14.0	31.9

NOTES:

1. Those Programs with the "X" were not approved to be further evaluated.
2. UMPA will include Master Metering savings in the IRP as they are realized.
3. Low Loss Transformers were not evaluated, but will continue to be implemented and recorded.

Table 8.1

UTAH MUNICIPAL POWER AGENCY
DSM PROGRAMS: LEVELIZE
PROGRAM: Residential Audit (HWHB,PW,LFSH,etc)

AUDIT.WK
25-Oct-96

Table 8.2

I. Input Factors:

No. of Customers	33,184
Saturation Rate	19.0%
Unit Energy Consumption (kWh)	4,500
Peak Usage (kW)	0.25
DSM per Unit Cost	$55
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		6,305
2	Annual kWh Usage		28,372,320
3	Adjusted Factor		29,788,000
	(see 4-1.1 FT)	1.050	
4	No. of kW Impact		1,576
5	Adjusted Factor		2,189
	(see 4-1.2 FT)	1.389	
6	Factors:		
	Applicability	100.0%	
	Market Eligibility	98.0%	
	Feasibility	18.0%	
	Energy Savings	15.0%	
7	Energy Technical Potential		508,080
8	Demand Technical Potential		58
9	Energy Benefits		8,637
10	Annual Demand Benefits		7,649
11	Total Benefits ($)		16,286
	Levelized Benefits		24,520
12	Total DSM Cost ($)		
	Unit x Participation	62,419	
	Administration (30%)	18,726	81,145
	Adjust Measure Life		222,337
	Levelized Costs		19,384

III. Results

Benefit Cost Ratio	1.26
Levelized Energy Composite (mills)	38.2
Levelized Demand Composite ($/kW-yr)	334

UTAH MUNICIPAL POWER AGENCY
DSM PROGRAMS: LEVELIZE
PROGRAM: Hot Water Blankets and Pipe Wrap

HWH&PW
25-Oct-96

Table 8.3

I. Input Factors:

No. of Customers	33,184
Saturation Rate	19.0%
Unit Energy Consumption (kWh)	4,000
Peak Usage (kW)	0.25
DSM per Unit Cost	26.00
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		6,305
2	Annual kWh Usage		25,219,840
3	Adjusted Factor		26,478,000
	(see 4-1.1 FT)	1.050	
4	No. of kW Impact		1,576
5	Adjusted Factor		2,189
	(see 4-1.2 FT)	1.389	
6	Factors:		
	Applicability	91.0%	
	Market Eligibility	100.0%	
	Feasibility	18.0%	
	Energy Savings	10.0%	
7	Energy Technical Potential		315,360
8	Demand Technical Potential		36
9	Energy Benefits		5,361
10	Annual Demand Benefits		4,748
11	Total Benefits ($)		10,109
	Levelized Benefits		15,220
12	Total DSM Cost ($)		
	Unit x Participation	29,507	
	Administration (30%)	8,852	38,359
	Adjust Measure Life		105,105
	Levelized Costs		9,164

III. Results:

Benefit Cost Ratio	1.66
Levelized Energy Composite (mills)	29.1
Levelized Demand Composite ($/kW-yr)	255

UTAH MUNICIPAL POWER AGENCY
DSM PROGRAMS: LEVELIZE
PROGRAM: Low Flow Shower Heads and Faucets

LOW-FLO
25-Oct-96
02:32 PM

Table 8.4

I. Input Factors:

Measure Life of DSM Program	15
No. of Customers	33,184
Saturation Rate	19.0%
Unit Energy Consumption (kWh)	4,000
Peak Usage (kW)	0.25
DSM per Unit Cost	$15
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps:

1.	No. of Units in Area		6,305	
2.	Annual kWh Usage		25,219,840	
3.	Adjusted Factor		26,478,000	
	(see 4-1.1 FT)	1.050		
4.	No. of kW Impact		1,576	
5.	Adjusted Factor		2,189	
	(see 4-1.2 FT)	1.389		
6.	Factors:			
	Applicability	91.0%		
	Market Eligibility	100.0%		
	Feasibility	9.0%		(Assuming 50% are removed)
	Energy Savings	13.1%		
7.	Energy Technical Potential		201,480	
8.	Demand Technical Potential		23	
9.	Energy Benefits		3,425	
10.	Annual Demand Benefits		3,033	
11.	Total Benefits ($)		6,458	
	Levelized Benefits		9,723	
12.	Total DSM Cost ($)			
	Unit x Participation	8,512		
	Administration (30%)	2,554	11,065	
	Adjust Measure Life		20,692	
	Levelized Costs		1,804	

III. Results:

Benefit Cost Ratio	5.39
Levelized Energy Composite (mills)	9.0
Levelized Demand Composite ($/kW-yr)	78

I. Input Factors:

No. of Customers	8,125
Saturation Rate	100.0%
Unit Energy Consumption (kWh)	1,314
Peak Usage (kW)	0.3
DSM per Unit Cost	($10)
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		8,125
2	Annual kWh Usage		10,676,250
3	Adjusted Factor		10,676,250
	(see 4-1.1 FT)	0.000	
4	No. of kW Impact		2,438
5	Adjusted Factor		2,438
	(see 4-1.2 FT)	0.000	
6	Factors:		
	Applicability	100.0%	
	Market Eligibility	100.0%	
	Feasibility	100.0%	
	Energy Savings	40.0%	
7	Energy Technical Potential		4,270,500
8	Demand Technical Potential		975
9	Energy Benefits		72,599
10	Annual Demand Benefits		128,583
11	Total Benefits ($)		201,182
	Levelized Benefits		302,896
12	Total DSM Cost ($)		
	Unit x Participation	(79,219)	
	Administration (30%)	(23,766)	(102,984)
	Adjust Measure Life		(550,966)
	Levelized Costs		(48,036)

III. Results:

13	Benefit Cost Ratio	(6.31)
14	Levelized Energy Composite (mills)	(11.2)
15	Levelized Demand Composite ($/kW-yr)	(49)

I. Input Factors:

No. of Customers	8,125
Saturation Rate	100.0%
Unit Energy Consumption (kWh)	1,314
Peak Usage (kW)	0.3
DSM per Unit Cost	$61
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		8,125
2	Annual kWh Usage		10,676,250
3	Adjusted Factor		10,676,250
	(see 4-1.1 FT)	0.000	
4	No. of kW Impact		2,438
5	Adjusted Factor		2,438
	(see 4-1.2 FT)	0.000	
6	Factors:		
	Applicability	100.0%	
	Market Eligibility	100.0%	
	Feasibility	100.0%	
	Energy Savings	40.0%	
7	Energy Technical Potential		4,270,500
8	Demand Technical Potential		975
9	Energy Benefits		72,599
10	Annual Demand Benefits		128,583
11	Total Benefits ($)		201,182
	Levelized Benefits		302,896
12	Total DSM Cost ($)		
	Unit x Participation	498,875	
	Administration (30%)	149,663	648,538
	Adjust Measure Life		3,469,676
	Levelized Costs		302,502

III. Results:

13	Benefit Cost Ratio	1.00
14	Levelized Energy Composite (mills)	70.8
15	Levelized Demand Composite ($/kW-yr)	310

UTAH MUNICIPAL POWER AGENCY
DSM PROGRAMS: LEVELIZE
PROGRAM: Tree Planting (1 Tree/Home)
Mortality Rate = 10%

TREE-PLT
05-Nov-96

Table 8.7

I. Input Factors:

No. of Customers	33,184
Saturation Rate	16.0%
Unit Energy Consumption (kWh)	2,000
Peak Usage (kW)	1
DSM per Unit Cost (Future Value)	$96
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		5,309	
2	Annual kWh Usage		10,618,880	
3	Adjusted Factor		11,149,000	
	(see 4-1.1 FT)	1.050		
4	No. of kW Impact		5,309	
5	Adjusted Factor		7,375	
	(see 4-1.2 FT)	1.389		
6	Factors:			
	Applicability	100.0%		
	Market Eligibility	100.0%		
	Feasibility	44.3%		
	Energy Savings	10.0%		
7	Energy Technical Potential		444,149	210
8	Demand Technical Potential		294	kWh/Tree
9	Energy Benefits		7,551	
10	Annual Demand Benefits		38,773	
11	Total Benefits ($)		46,324	
	Levelized Benefits		69,745	
12	Total DSM Cost ($)			
	Unit x Participation	225,293		
	Lost Revenue	19,098		
	Administration (30%)	67,588	292,881	
	Adjust Measure Life		292,881	
	Levelized Costs		25,535	

III. Results:

13	Benefit Cost Ratio	2.72
14	Levelized Energy Composite (mills)	57.5
15	Levelized Demand Composite ($/kW-yr)	87

PROGRAM: Voltage Control (1 Time Adjustment for the Month)

I. Imput Factors:

No. of Customers	33,184
Saturation Rate	100.0%
Unit Energy Consumption (kWh)	23,843
Peak Usage (kW)	4.4106
DSM per Unit Cost	$0
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		33,184
2	Annual kWh Usage		791,202,407
3	Adjusted Factor		791,202,407
	(see 4-1.1 FT)	0.000	
4	No. of kW Impact		146,361
5	Adjusted Factor		146,361
	(see 4-1.2 FT)	0.000	
6	Factors:		
	Applicability	100.0%	
	Market Eligibility	100.0%	
	Feasibility	100.0%	
	Energy Savings	5.0%	
7	Energy Technical Potential		39,560,120
8	Demand Technical Potential		7,318
9	Energy Benefits ($)		672,522
10	Annual Demand Benefits ($)		965,098
11	Total Benefits ($)		1,637,620
	Levelized Benefits		2,465,574
12	Total DSM Cost ($)		
	Unit x Participation	0	
	Administration (30%)	0	0
	Adjust Measure Life		0
	Levelized Costs		0

III. Results

Benefit Cost Ratio	ERR
Levelized Energy Composite (mills)	0.0
Levelized Demand Composite ($/kW-yr)	0

PROGRAM: Voltage Control (10 one hour Adj during July & August)

I. Imput Factors:

No. of Customers	33,184
Saturation Rate	100.0%
Unit Energy Consumption (kWh)	23,843
Peak Usage (kW)	4.4106
DSM per Unit Cost	$7,684
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		33,184
2	Annual kWh Usage		791,202,407
3	Adjusted Factor		791,202,407
	(see 4-1.1 FT)	0.000	
4	No. of kW Impact		146,361
5	Adjusted Factor		146,361
	(see 4-1.2 FT)	0.000	
6	Factors:		
	Applicability	100.0%	
	Market Eligibility	100.0%	
	Feasibility	100.0%	
	Energy Savings	5.0%	
7	Energy Technical Potential		73,180
8	Demand Technical Potential		7,318
9	Energy Benefits ($)		1,244
10	Annual Demand Benefits ($)		965,098
11	Total Benefits ($)		966,342
	Levelized Benefits		1,454,909
12	Total DSM Cost ($)		
	Unit x Participation	199,784	
	Administration (30%)	59,935	259,719
	Adjust Measure Life		485,675
	Levelized Costs		42,343

III. Results

Benefit Cost Ratio	34.36
Levelized Energy Composite (mills)	578.6
Levelized Demand Composite ($/kW-yr)	6

PROGRAM: Voltage Control (10 two hour Adj during July & August)

I. Imput Factors:

No. of Customers	33,184
Saturation Rate	100.0%
Unit Energy Consumption (kWh)	23,843
Peak Usage (kW)	4.4106
DSM per Unit Cost	$7,684
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps

1	No. of Units in Area		33,184
2	Annual kWh Usage		791,202,407
3	Adjusted Factor		791,202,407
	(see 4-1.1 FT)	0.000	
4	No. of kW Impact		146,361
5	Adjusted Factor		146,361
	(see 4-1.2 FT)	0.000	
6	Factors:		
	Applicability	100.0%	
	Market Eligibility	100.0%	
	Feasibility	100.0%	
	Energy Savings	5.0%	
7	Energy Technical Potential		146,360
8	Demand Technical Potential		7,318
9	Energy Benefits ($)		2,488
10	Annual Demand Benefits ($)		965,098
11	Total Benefits ($)		967,586
	Levelized Benefits		1,456,781
12	Total DSM Cost ($)		
	Unit x Participation	199,784	
	Administration (30%)	59,935	259,719
	Adjust Measure Life		485,675
	Levelized Costs		42,343

III. Results

Benefit Cost Ratio	34.40
Levelized Energy Composite (mills)	289.3
Levelized Demand Composite ($/kW-yr)	6

I. Input Factors:

Measure Life of DSM Program	20
No. of Customers	1
Saturation Rate	100.0%
Unit Energy Consumption (kWh)	6,165,680
Peak Usage (kW)	1,217
DSM per Unit Cost	$775,000
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps:

1.	No. of Units in Area		1	
2.	Annual kWh Usage		6,165,680	
3.	Adjusted Factor		6,165,680	
	(see 4-1.1 FT)	0.000		
4.	No. of kW Impact		1,217	
5.	Adjusted Factor		1,217	
	(see 4-1.2 FT)	0.000		
6.	Factors:			
	Applicability	100.0%		
	Market Eligibility	100.0%		
	Feasibility	100.0%		
	Energy Savings	28.1%		
7.	Energy Technical Potential		1,731,285	
8.	Demand Technical Potential		269	22.1%
9.	Energy Benefits ($)		29,432	
10.	Annual Demand Benefits ($)		35,476	
11.	Total Benefits ($)		64,908	
	Levelized Benefits		97,724	
12.	Total DSM Cost ($)			
	Unit x Participation	775,000		
	Administration (30%)	0	775,000	
	Adjust Measure Life		1,123,750	
	Levelized Costs		97,974	

III. Results:

Benefit Cost Ratio	1.00
Levelized Energy Composite (mills)	56.6
Levelized Demand Composite ($/kW-yr)	364

I. Input Factors:

Measure Life of DSM Program	20
No. of Customers	154
Saturation Rate	100.0%
Unit Energy Consumption (kWh)	7,974
Peak Usage (kW)	1.4
DSM per Unit Cost	$50
Energy Rate	$0.017
Demand Rate	$10.99
Interest Rate	6.0%
Escalation Rate	5.0%
Period of Analysis	20

II. Calculation Steps:

1.	No. of Units in Area		154
2.	Annual kWh Usage		1,227,970
3.	Adjusted Factor		1,227,970
	(see 4-1.1 FT)	0.000	
4.	No. of kW Impact		216
5.	Adjusted Factor		216
	(see 4-1.2 FT)	0.000	
6.	Factors:		
	Applicability	100.0%	
	Market Eligibility	100.0%	
	Feasibility	100.0%	
	Energy Savings	20.0%	
7.	Energy Technical Potential		245,594
8.	Demand Technical Potential/Mo.		43
9.	Energy Benefits		4,175
10.	Annual Demand Benefits		5,671
11.	Total Benefits ($)		9,846
	Levelized Benefits		14,824
12.	Total DSM Cost ($)		
	Unit x Participation	7,700	
	Administration (30%)	2,310	10,010
	Adjust Measure Life		27,427
	Levelized Costs		2,391

III. Results:

Benefit Cost Ratio	6.20
Levelized Energy Composite (mills)	9.7
Levelized Demand Composite ($/kW-yr)	56

SECTION II - SUPPLY-SIDE RESOURCES

Criteria

The criteria used in supply-side resource (SSR) evaluation is similar to the criteria used in demand-side resource evaluation. UMPA utilizes three levels of evaluation. The criteria on the first level include:

1. Reliability and Location
2. Capacity and Energy Capabilities
3. Operational Flexibility
4. Credibility of the Developer and Statistics
5. Ability to meet the Load Shape Needs

If the SSR satisfies these criteria, then UMPA will evaluate it from an economic standpoint, which is the second level. This procedure follows UMPA's goal of assuring an adequate and reliable supply of energy at the least cost to UMPA and its member cities. Once the least cost options have been determined, the third level is applied by reviewing the resource from an environmental perspective with the purpose to minimize adverse environmental effects of new resource acquisitions.

An underlying consideration of UMPA's strategy is to be environmentally responsible. In the past, as new resources were added to the system, the Agency consistently utilized renewable resources (Bonnett Geothermal, Deer Creek, Spanish Fork Wind Generator) and has converted a coal fired boiler to natural gas (Provo Steam Turbine). However, not all environmental impacts of electric energy are mitigated, some do remain. For this reason, UMPA's member cities currently have already implemented several DSM programs:

1. Low Loss Transformers
2. Street Light Efficiency
3. Education Programs
4. Home Energy Audits
5. Infra-red Scanning

As discussed in Section I, UMPA has carefully evaluated several DSM programs for implementation, even though under the "low" and "base" forecast scenario, the Agency has sufficient capacity and energy through FY 2007. Under the "high" forecast scenario, the Agency has sufficient capacity and energy until FY 2005 and FY 2007 respectfully.

Economic and Environmental Results

UMPA uses two different methods to evaluate SSR economically. The first method obtains data on all the costs that will be incurred and converts them to mills per kWh over the life of the project. This allows the Agency to evaluate the costs and the escalation rate over the project life.

The second method obtains all the costs of the project (capital outlay, operation and maintenance, fuel, and transmission), then levelizes those costs by using such factors as the service life, inflation and escalation rate. With one levelized cost for each resource, UMPA can compare them to one another to determine which resource is the least cost.

The remainder of this section will discuss the economic results of each proposal at a 75% capacity factor using the two methods discussed above and the environmental evaluation. The printout of the results are found at the end of Section II.

Contract - Power Marketer Table 8.51 contains the economic results of a proposal to purchase a resource contract from a power marketer. This contract would allow UMPA to obtain an additional 2,000 kW to 13,000 kW over the 14 year term. The estimated energy composite cost in Table 8.51 for 1999 is 32.82 mills/kWh and with inflation and escalation, the cost is estimated to increase to 54.30 mills/kWh in 2012. Table 8.52 contains the levelized unit cost of this contract which is estimated to be 44.85 mills/kWh. Since this resource proposal is a contract and not an ownership position, the Agency does not know its source or its origin.

Therefore, the environmental consideration for this proposal will be the responsibility of the power marketer.

Contract - Deseret Generation & Transmission (DG&T) Tables 8.53 contains the economic results of a proposal to purchase a resource contract from DG&T. The additional capacity from this proposal would begin in 1997 at 8,000 kW and conclude in FY 2001 with 15,000 kW. The estimated energy composite cost in Table 8.53 for 1997 is 26.97 mills/kWh and in FY 2001, the cost increased slightly to 27.27 mills/kWh. As part of the contract, DG&T offered UMPA a 0% escalation factor on the capacity and energy. The only inflation calculated in this analysis is on the transmission costs to bring this resource to our member cities' system. Due to the 0% escalation factor that this contract provides, UMPA did not calculate a levelized cost for this resource because it produces an incorrect value that can not be compared with other resource proposals.

The environmental considerations for this proposal have been addressed in an Environmental Impact Statement when the Bonanza Power Plant Project was in the developmental stages. This proposal represents surplus capacity and energy from an already existing resource.

Contract - PacifiCorp Table 8.54 contains the economic results of a proposal to purchase a resource contract from PacifiCorp. Delivery of this resource would begin in FY 1996 and provide a capacity level of 8,000 kW each year through FY 2000. The estimated energy composite for FY 1996 is 22.78 mills/kWh and increases to 26.87 in FY 2000. Table 8.55 contains the levelized unit cost of this contract which is estimated to be 32.36 mills/kWh. UMPA does not know the source or origin of this proposal or whether it would be generated from an existing resource. The environmental considerations will be the responsibility of PacifiCorp.

Contract - CCCT Table 8.56 contains the economic results of a proposal to purchase a resource contract from an Independent Power Produce using a Combined Cycle Combustion Turbine. This contract would allow UMPA to purchase 10,000 kW each year from FY 1998 through FY 2017. The estimated energy composite cost in FY 1998 is 59.17 mills/kWh and in FY 2017, the cost estimated to increase to 118.43 mills/kWh. Table 8.57 contains the levelized unit cost for this contract which is estimated to be 87.93 mills/kWh. The Independent Power Producer for this resource would be responsible for addressing the environmental issue.

Ownership - Coal Fired Sufficient data was not available to develop extended cost estimate studies.

Ownership - Gas Fired Sufficient data was not available to develop extended cost estimate studies.

Contract - DG&T/CRSP Table 8.58 contains the economic results of a proposal by Deseret Transmission and Generation (DG&T) to sell UMPA a portion of their CRSP. The format of this analysis is different from the others discussed above. This table calculates the cost for each month. If the proposal were accepted, UMPA would be required to take the CRSP power both on peak and off peak at a 50% load factor. Currently, the Agency has surplus off peak energy and since CRSP carries with it minimums and a "Take or Pay" clause, the Hunter Unit, which is less expensive, would need to be displaced. This displacement would increase the value of this proposal and the estimated energy composite cost in FY 1996 is 26 mills/kWh. UMPA estimated a 1% escalation factor in this proposal and the estimated energy composite cost in FY 2001 is 27.3. Table 8.59 contains the levelized unit cost which is estimated at 28.08. The environmental considerations for this proposal will not be discussed because the power and energy will be provided from an existing resource.

Provo Steam Turbine Table 8.60 contains the economic results from the steam turbine located at the Provo Downtown Plant. The rated capacity of this unit is 9,200 kW and at a 75% capacity factor, the energy composite cost in FY 1997 is 27.63 mills/kWh. With inflation and escalation, the cost is estimated to increase to 41.79 in FY 2011. Table 8.61 contains the levelized unit cost of 35.1 mills/kWh. This unit has demonstrated that it can operate at capacity output with very low emissions. This demonstration resulted in modifying the Agency's Air Quality Approval Order which provided operational flexibility. Graph 8.62 compares the previous and current MWh Annual Limit and the MWh Max Daily Limit for this boiler turbine generator. The Annual Limit increased 101% and Max Daily Limit increase 38%.

Geothermal Facility Table 8.63 contains the economic results of drilling a new hot water well and installing a pump when needed at the existing Geothermal Power Plant. Each new well is estimated to produce an additional 2,000 kW of capacity over a 14 year period. The estimated energy composite cost in FY 1998 is 23.9 mills/kWh and with an estimated escalation factor, the cost would increase to 28.6 mills/kWh in FY 2011. Table 8.64 indicates a levelized unit cost of 26.1 mills/kWh for this project.

Continued development at the Bonnett Geothermal Power Plant would directly offset the need for dependence on coal fired facilities, combustion turbines and foreign oil. The only emission produced from this resource is Hydrogen Sulphide (H_2S). In 1989, a $1.2 million H_2S abatement system was installed which reduces the emissions. Daily, this plant produces approximately one long ton of sulfur. This sulfur is disposed of by providing this bi-product to a local fertilizing company. However, continued development must be supported by several criteria such as a high level of confidence in drilling a productive well, economic advantage, environmental and governmental clearances and the need for a base load resource.

Table 8.65 contains a levelized summary of those resources evaluated and discussed in this section. The last two resources (Wind Turbine, PacifiCorp 94) were discussed in Chapter 7, but extended studies were not completed in this Chapter. The Wind Turbine is still in the testing stages and the PacifiCorp contract was canceled.

Public Process

On February 28, 1996, UMPA presented to their Technical Committee a Power Supply Progress Report. This public meeting provided the Committee and others the opportunity to review each power supply proposal recently submitted to UMPA. Each member of this committee then discusses these proposals with their local citizen power boards for their comments and reviews.

UMPA has held 33 public meetings in 1996. The majority of these meetings consist of Technical Committee Meetings which are held on the 2nd and 4th Wednesday of each month and Board Meetings which are also held on the 4th Wednesday of each month. A public notice of these meetings is published in two local newspapers that reach all constituents of UMPA's appointed members.

Each year in January or February, UMPA conducts a strategy meeting for the purpose of discussing in detail the Agency's status, future issues and resource plans. This annual meeting is open to the public and each year the invited guests consist of City Mayors, Council Members, Citizen Power Boards, and Superintendents. Currently, plans are in progress to conduct the 1997 strategy meeting in St. George. This public meeting allows participants to review and comment on the plan. Upon completion of this strategy meeting and prior to acceptance, copies of UMPA and its member cities' IRP will be made available for public review and comments.

In the final step of this public process, UMPA will present to each city council a copy of the IRP and a resolution attached accepting the plan. UMPA is committed to keeping the governing bodies informed as progress is made on issues and changes dealing with the electric utility industry as they relate to the Agency and its member cities.

UMPA POWER SUPPLY ANALYSIS
PURCHASE: CONTRACT WITH POWER MARKETER

E-PwrMkt
23-Oct-96
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FACTORS:

Capacity (kW)		0
Energy (kWh)		0
Load Factor		75.0%
Trans Loss		4.48%
Inflation:	O & M	4.0%
	Mtn. Fuel	0.0%
Trans ($/kW Mo.)		$2.01 (FY 96)
Discount		6.0%

Principal	$0
Interest	6.0%
Term (Yrs)	20
Annual Pmts	$0
Fuel ($/mmBTU)	$0.00
BTU/kWh	0
O & M (Mills)	27.47
Capacity ($/kW-Mo)	0.13
	0.36
	0.93

FISCAL YEAR	kW	DOLLARS FIXED CAPACITY	DOLLARS VARIABLE O & M	MILLS/kWh FIXED	MILLS/kWh VARIABLE O & M	MILLS/kWh @ BUS	MILLS/kWh TRANS	MILLS/kWh TOTAL
1999	2,000	3,120	360,956	0.25	28.76	29.01	3.81	32.82
2000	5,000	21,600	938,485	0.69	29.91	30.60	3.96	34.56
2001	5,000	21,600	976,024	0.69	31.11	31.79	3.96	35.76
2002	5,000	21,600	1,015,065	0.69	32.35	33.04	4.12	37.16
2003	5,000	21,600	1,055,668	0.69	33.64	34.33	4.12	38.45
2004	5,000	21,600	1,097,895	0.69	34.99	35.68	4.12	39.80
2005	5,000	21,600	1,141,811	0.69	36.39	37.08	4.29	41.36
2006	5,000	21,600	1,187,483	0.69	37.84	38.53	4.29	42.82
2007	13,000	145,080	3,210,954	1.78	39.36	41.14	4.29	45.42
2008	13,000	145,080	3,339,392	1.78	40.93	42.71	4.46	47.17
2009	13,000	145,080	3,472,968	1.78	42.57	44.35	4.46	48.81
2010	13,000	145,080	3,611,887	1.78	44.27	46.05	4.46	50.51
2011	13,000	145,080	3,756,362	1.78	46.04	47.82	4.64	52.46
2012	13,000	145,080	3,906,617	1.78	47.88	49.66	4.64	54.30

RESOURCE:	Power Marketer	
BASE YEAR:	1999	
PRD OF ANAL:	20	
REPLACE NO.	0.4	1.0

IMPUT DATA FOR PURCHASE POWER CONTRACTS	
Demand or Capacity Component:	
Purchase Capacity (2,000 kW - 13,000 kW)	5,750
Capacity Charge ($/kW-Mo, Ranges from $0.13 to $0.93)	0.74
Annual Charge ($)	51,240
Inflation/Escalation Rate	4.0%
Length of Contract (Yrs)	14
Adjustment Factor (Contract Life)	1.24
Annual Demand Charge Adjusted ($)	63,538
Energy Component:	
Purchased Energy (kWh)	37,777,500
Charge for kWh (mills)	27.47
Wheeling Charge per kWh (mills)	3.8
Total Energy Charge (mills)	31.28
Capacity Factor	75.0%
Annual Energy Charge ($)	1,181,680
Escalation Rate	4.0%
Adjustment Factor (Escalation)	1.38
Annual Energy Charge Adjusted ($)	1,630,719
Total Annual Levelized Purchased Power Contract Charges:	
($)	1,694,256
(mills/kWh)	44.85

UMPA POWER SUPPLY ANALYSIS
PURCHASE: CONTRACT WITH DG&T

DG&T
23-Oct-96
11:59 AM

FACTORS:

Capacity (kW)	0		Principal	$0
Energy (kWh)	0		Interest	6.0%
Load Factor	75.0%		Term (Yrs)	20
Trans Loss	4.48%		Annual Pmts	$0
Inflation: Trans	4.0%		Fuel ($/mmBTU)	$0.00
Mtn. Fuel	0.0%		BTU/kWh	0
Trans ($/kW Mo.)	$2.01 (FY 96)		Energy (Mills)	12.00
Discount	6.0%		Capacity ($/kW-Mo)	5.62

FISCAL YEAR	kW	DOLLARS FIXED CAPACITY	DOLLARS VARIABLE O & M	MILLS/kWh FIXED	MILLS/kWh VARIABLE O & M	MILLS/kWh @ BUS	MILLS/kWh TRANS	MILLS/kWh TOTAL
1997	8,000	539,520	630,720	10.75	12.56	23.31	3.66	26.97
1998	10,000	674,400	788,400	10.75	12.56	23.31	3.81	27.12
1999	12,000	809,280	946,080	10.75	12.56	23.31	3.81	27.12
2000	15,000	1,011,600	1,182,600	10.75	12.56	23.31	3.96	27.27
2001	15,000	1,011,600	1,182,600	10.75	12.56	23.31	3.96	27.27
2002								
2003								
2004								
2005								
2006								

Notes:
1. Delivered @ Mona (345 kV)
2. Additional Capacity is available at the contract rate if DG&T have surplus.
3. Warren Fraser mentioned that the contract prices are fixed, no escalation rates.
4. Draft Contract commenses January 1, 1997 and terminates December 31, 2002.
5. Pacific's Transmission Service is calculated based on Load Factor.

UMPA POWER SUPPLY ANALYSIS
PURCHASE: CONTRACT WITH PACIFICORP

PACIFIC
23-Oct-96
12:00 PM

FACTORS:

Capacity (kW)		8,000		Principal	$0
Energy (kWh)		52,560,000		Interest	6.0%
Load Factor		75.0%		Term (Yrs)	20
Trans Loss		0.00%		Annual Pmts	$0
Inflation:	Trans	4.0%		Fuel ($/mmBTU)	$0.00
	Mtn. Fuel	0.0%		BTU/kWh	0
Trans ($/kW Mo.)		$2.20	(FY 96)	Energy (Mills)	15.75
Discount		6.0%		Capacity ($/kW-Mo)	1.65

FISCAL YEAR	kW	DOLLARS FIXED CAPACITY	DOLLARS VARIABLE O & M	MILLS/kWh FIXED	MILLS/kWh VARIABLE O & M	MILLS/kWh @ BUS	MILLS/kWh TRANS	MILLS/kWh TOTAL
1996	8,000	158,400	827,820	3.01	15.75	18.76	4.02	22.78
1997	8,000	164,160	909,288	3.12	17.30	20.42	4.02	24.44
1998	8,000	169,920	939,247	3.23	17.87	21.10	4.18	25.28
1999	8,000	175,680	970,258	3.34	18.46	21.80	4.18	25.98
2000	8,000	181,440	1,002,319	3.45	19.07	22.52	4.35	26.87
2001								
2002								
2003								
2004								
2005								
2006								

Notes:
1. Delivered to Load
2. Previous Contracts with Pacific do not incur a wheeling charge and this one does.
3. Transmission Service is calculated based on Load Factor.

RESOURCE:	PacifiCorp
BASE YEAR:	1996
PRD OF ANAL:	20
REPLACE NO.	3.0

IMPUT DATA FOR PURCHASE POWER CONTRACTS	
Demand or Capacity Component:	
Purchase Capacity (Avg kW)	8,000
Capacity Charge ($/kW-Mo)	1.65
Annual Charge ($)	158,400
Inflation/Escalation Rate	3.5%
Length of Contract (Yrs)	5
Adjustment Factor (Contract Life)	1.32
Annual Demand Charge Adjusted ($)	209,088
Energy Component:	
Purchased Energy (kWh)	52,560,000
Charge for kWh (mills)	15.75
Wheeling Charge per kWh (mills)	10.1
Total Energy Charge (mills)	25.80
Capacity Factor	75.0%
Annual Energy Charge ($)	1,356,048
Escalation Rate	4.9%
Adjustment Factor (Escalation)	1.10
Annual Energy Charge Adjusted ($)	1,491,653

Total Annual Levelized Purchased Power Contract Charges:	
($)	1,700,741
(mills/kWh)	32.36

UMPA POWER SUPPLY ANALYSIS
COMBINED CYCLE COMBUSTION TURBINE PROPOSAL

CCCT-98
23-Oct-96
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FACTORS:

Capacity (kW)		10,000	Principal	$0	
Energy (kWh)		65,700,000	Interest	0.0%	
Load Factor		75.0%	Term (Yrs)	0	
Trans Loss		6.9%	Annual Pmts	ERR	
Escalator:	Fuel	6.0%	Fuel ($/mmBTU)	$2.62	(97)
	General	3.5%	BTU/kWh	7,337	
Fixed O&M ($/kW-yr)		$52	Variable O&M ($/kWh)	$0.0051	
Discount		6.0%	Trans ($/kW Mo.)	$2.01	(94)
Fixed Cap ($/kW-yr)		$125			

		DOLLARS				MILLS/kWh						
		FIXED		VARIABLE		FIXED		VARIABLE				
FISCAL YEAR	kW	CAPACITY	O & M	O & M	FUEL	CAPACITY	O & M	O & M	FUEL	@ BUS	TRANS	TOTAL
1998	10,000	1,250,000	520,000	335,070	1,262,947	20.43	8.50	5.48	20.64	55.05	4.12	59.17
1999	10,000	1,250,000	538,200	346,797	1,338,724	20.43	8.80	5.67	21.88	56.77	4.12	60.89
2000	10,000	1,250,000	557,037	358,935	1,419,047	20.43	9.10	5.87	23.19	58.59	4.46	63.05
2001	10,000	1,250,000	576,533	371,498	1,504,190	20.43	9.42	6.07	24.58	60.51	4.46	64.96
2002	10,000	1,250,000	596,712	384,501	1,594,442	20.43	9.75	6.28	26.06	62.52	4.46	66.98
2003	10,000	1,250,000	617,597	397,958	1,690,108	20.43	10.09	6.50	27.62	64.65	5.01	69.66
2004	10,000	1,250,000	639,213	411,887	1,791,515	20.43	10.45	6.73	29.28	66.89	5.01	71.90
2005	10,000	1,250,000	661,585	426,303	1,899,006	20.43	10.81	6.97	31.04	69.25	5.01	74.26
2006	10,000	1,250,000	684,741	441,223	2,012,946	20.43	11.19	7.21	32.90	71.73	5.64	77.37
2007	10,000	1,250,000	708,707	456,666	2,133,723	20.43	11.58	7.46	34.87	74.35	5.64	79.99
2008	10,000	1,250,000	733,511	472,649	2,261,746	20.43	11.99	7.72	36.96	77.11	5.64	82.75
2009	10,000	1,250,000	759,184	489,192	2,397,451	20.43	12.41	8.00	39.18	80.01	6.34	86.36
2010	10,000	1,250,000	785,756	506,314	2,541,298	20.43	12.84	8.27	41.53	83.08	6.34	89.42
2011	10,000	1,250,000	813,257	524,035	2,693,776	20.43	13.29	8.56	44.03	86.31	6.34	92.66
2012	10,000	1,250,000	841,721	542,376	2,855,402	20.43	13.76	8.86	46.67	89.72	7.14	96.85
2013	10,000	1,250,000	871,181	561,359	3,026,726	20.43	14.24	9.17	49.47	93.31	7.42	100.73
2014	10,000	1,250,000	901,673	581,007	3,208,330	20.43	14.74	9.50	52.44	97.10	7.72	104.82
2015	10,000	1,250,000	933,231	601,342	3,400,830	20.43	15.25	9.83	55.58	101.09	8.03	109.12
2016	10,000	1,250,000	965,894	622,389	3,604,880	20.43	15.79	10.17	58.92	105.30	8.35	113.65
2017	10,000	1,250,000	999,701	644,173	3,821,172	20.43	16.34	10.53	62.45	109.75	8.68	118.43

RESOURCE: Combined Cycle Combustion Turbine
BASE YEAR: 1998
PRD OF ANAL: 20
REPLACE NO. 0.0

IMPUT DATA FOR PURCHASE POWER CONTRACTS	
Demand or Capacity Component:	
Purchase Capacity (Avg kW)	10,000
Capacity Charge ($/kW-Mo)	14.75
Annual Charge ($)	1,770,000
Inflation/Escalation Rate	1.0%
Length of Contract (Yrs)	20
Adjustment Factor (Contract Life)	1.07
Annual Demand Charge Adjusted ($)	1,893,900
Energy Component:	
Purchased Energy (kWh)	65,700,000
Charge for kWh (mills)	25.74
Wheeling Charge per kWh (mills)	10.3
Total Energy Charge (mills)	36.04
Capacity Factor	75.0%
Annual Energy Charge ($)	2,367,828
Escalation Rate	6.0%
Adjustment Factor (Escalation)	1.64
Annual Energy Charge Adjusted ($)	3,883,238
Total Annual Levelized Purchased Power Contract Charges:	
($)	5,777,138
(mills/kWh)	87.93

UMPA POWER SUPPLY ANALYSIS
PURCHASE DG&T's CRSP ALLOCATION

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1996 COST:

	CRSP	Hunter
Capacity ($/kW-mo.)	3.83	na
Energy (mills/kWh)	8.9	12.0

	$		
	Capacity	Energy	Total
Oct	30,640	23,421	54,061
Nov	30,640	23,344	53,984
Dec	30,640	25,657	56,297
Jan	30,640	26,346	56,986
Feb	30,640	23,432	54,072
Mar	30,640	24,021	54,661
Apr	38,300	31,299	69,599
May	38,300	32,231	70,531
Jun	38,300	36,176	74,476
Jul	38,300	38,797	77,097
Aug	38,300	39,009	77,309
Sep	38,300	34,284	72,584
			$771,657

MILLS/kWh		$ SAVINGS REPLACE HUNTER		ADJUSTED MILLS/kWh
Total	On Peak	Off	On	On Peak
20.5	31.6	(2,847)	1,608	30.8
20.6	31.3	(2,778)	1,343	30.4
19.5	30.0	(3,125)	1,107	29.0
19.3	28.5	(2,986)	729	27.4
20.5	29.6	(2,500)	588	28.6
20.3	29.9	(2,708)	1,260	29.2
19.8	29.0	(3,472)	(734)	27.3
19.5	28.5	(3,559)	(748)	26.8
18.3	24.8	(3,298)	(2,606)	22.9
17.7	24.4	(3,732)	(2,862)	22.3
17.6	23.5	(3,385)	(3,283)	21.5
18.8	26.6	(3,472)	(1,774)	24.6
19.2	27.5	(37,862)	(5,372)	26.0

Fiscal Year	DGT-CRSP
1996	26.0
1997	26.3
1998	26.5
1999	26.8
2000	27.1
2001	27.3

Note: DG&T's CRSP contain a 1% escalation rate and will be provided at the 47%-winter/54% - summer load factor level.

RESOURCE: DG&T's CRSP Allocation
BASE YEAR: 1996
PRD OF ANAL: 20
REPLACE NO. 2.3

IMPUT DATA FOR PURCHASE POWER CONTRACTS	
Demand or Capacity Component:	
Purchase Capacity (Avg of Summer & WInter kW)	34,470
Capacity Charge ($/kW-Mo)	0.00
Annual Charge ($)	0
Inflation/Escalation Rate	1.0%
Length of Contract (Yrs)	6
Adjustment Factor (Contract Life)	1.08
Annual Demand Charge Adjusted ($)	0
Energy Component:	
Purchased Energy (kWh)	150,978,600
Charge for kWh (mills)	26.00
Wheeling Charge per kWh (mills)	0.0
Total Energy Charge (mills)	26.00
Capacity Factor	50.0%
Annual Energy Charge ($)	3,925,444
Escalation Rate	1.0%
Adjustment Factor (Escalation)	1.08
Annual Energy Charge Adjusted ($)	4,239,479
Total Annual Levelized Purchased Power Contract Charges:	
($)	4,239,479
(mills/kWh)	28.08

UMPA POWER SUPPLY ANALYSIS
PURCHASE: GENERATION
PROVO DOWNTOWN STEAM TURBINE

Stm-Turb
23-Oct-96
12:04 PM

FACTORS:

Capacity (kW)		9,200	Total Plant Investment	$0	
Energy (kWh)		60,444,000	Interest	0.0%	
Load Factor		75.0%	Term (Yrs)	0	
Trans Loss		0.0%	Annual Pmts	ERR	
Inflation:	General	3.0%	Fuel ($/mmBTU)	$1.80	(97)
	Mtn. Fuel	3.0%	BTU/kWh	14,000	
Fixed O&M/Yr		$86,661	Variable O&M/Yr	$60,000	
Discount		6.0%	Trans ($/kW Mo.)	$0.00	

FISCAL		DOLLARS				MILLS/kWh						
		FIXED		VARIABLE		FIXED		VARIABLE				
YEAR	kW	DEBT	O&M	O&M	FUEL	DEBT	O&M	O&M	FUEL	@ BUS	TRANS	TOTAL
1997	9,200	0	86,661	60,000	1,523,189	0.00	1.43	0.99	25.20	27.63	0.00	27.63
1998	9,200	0	89,261	61,800	1,568,884	0.00	1.48	1.02	25.96	28.46	0.00	28.46
1999	9,200	0	91,938	63,654	1,615,951	0.00	1.52	1.05	26.73	29.31	0.00	29.31
2000	9,200	0	94,697	65,564	1,664,430	0.00	1.57	1.08	27.54	30.19	0.00	30.19
2001	9,200	0	97,537	67,531	1,714,362	0.00	1.61	1.12	28.36	31.09	0.00	31.09
2002	9,200	0	100,464	69,556	1,765,793	0.00	1.66	1.15	29.21	32.03	0.00	32.03
2003	9,200	0	103,478	71,643	1,818,767	0.00	1.71	1.19	30.09	32.99	0.00	32.99
2004	9,200	0	106,582	73,792	1,873,330	0.00	1.76	1.22	30.99	33.98	0.00	33.98
2005	9,200	0	109,779	76,006	1,929,530	0.00	1.82	1.26	31.92	35.00	0.00	35.00
2006	9,200	0	113,073	78,286	1,987,416	0.00	1.87	1.30	32.88	36.05	0.00	36.05
2007	9,200	0	116,465	80,635	2,047,038	0.00	1.93	1.33	33.87	37.13	0.00	37.13
2008	9,200	0	119,959	83,054	2,108,450	0.00	1.98	1.37	34.88	38.24	0.00	38.24
2009	9,200	0	123,558	85,546	2,171,703	0.00	2.04	1.42	35.93	39.39	0.00	39.39
2010	9,200	0	127,264	88,112	2,236,854	0.00	2.11	1.46	37.01	40.57	0.00	40.57
2011	9,200	0	131,082	90,755	2,303,960	0.00	2.17	1.50	38.12	41.79	0.00	41.79

UTAH MUNICIPAL POWER AGENCY
SUPPLY SIDE RESOURCE ANALYSIS: LEVELIZE

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Table 8.61

RESOURCE: Provo Downtown Turbine
BASE YEAR: FY 1996-97
PRD OF ANAL: 20

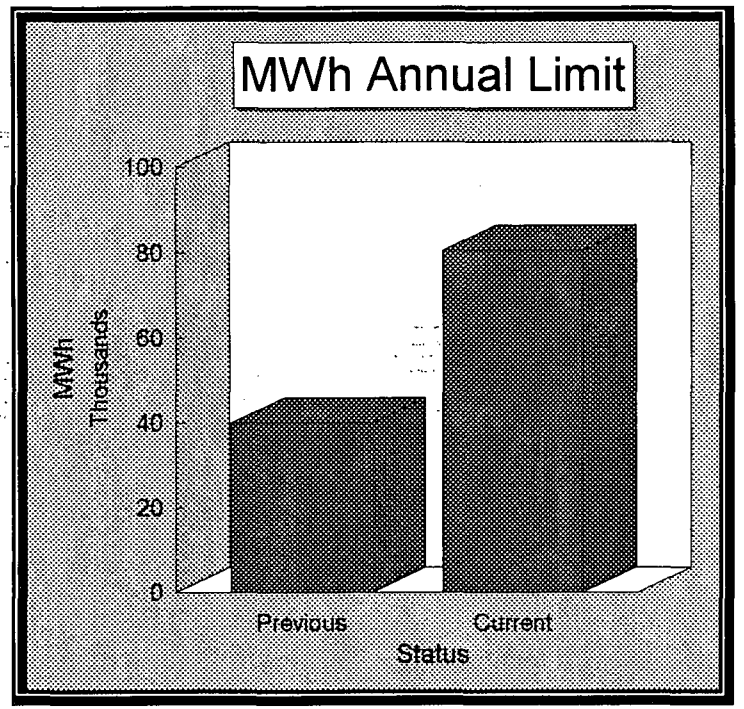
BASIC PLANT DATA		LEVELIZED
Plant Investment Costs:		
Installed Capacity (kW)	9,200	
$/kW of Installed Capacity	0	
Total Construction Cost ($)	0	
Construction Period (Yrs)	3	
Interest Rate	3.0%	
Escalation Rate on Capital Investment	3.0%	
Service Life (Yrs)	15	0
Annual Operating Expenses:		
Fixed O&M Costs ($/kW-yr)	9.42	
Escalation Rate on O&M	3.0%	
Total Fixed Cost ($)	86,661	
Variable O&M Cost (mills/kWh)	3.99	
Capacity Factor	75.0%	
Total Variable O&M Costs ($)	60,000	
Wheeling Charge (mills/kWh)	0	
Total Wheeling Charge ($)	0	186,259
Annual Fuel Costs:		
Escalation Rate (Fuel)	3.0%	
Heat Rate (Btu/kWh)	14,000	
Fuel Cost ($/mmBtu)	1.80	
Fuel Cost (mills/kWh)	25.20	
Total Fuel Cost ($-Base Year)	1,523,189	1,934,450

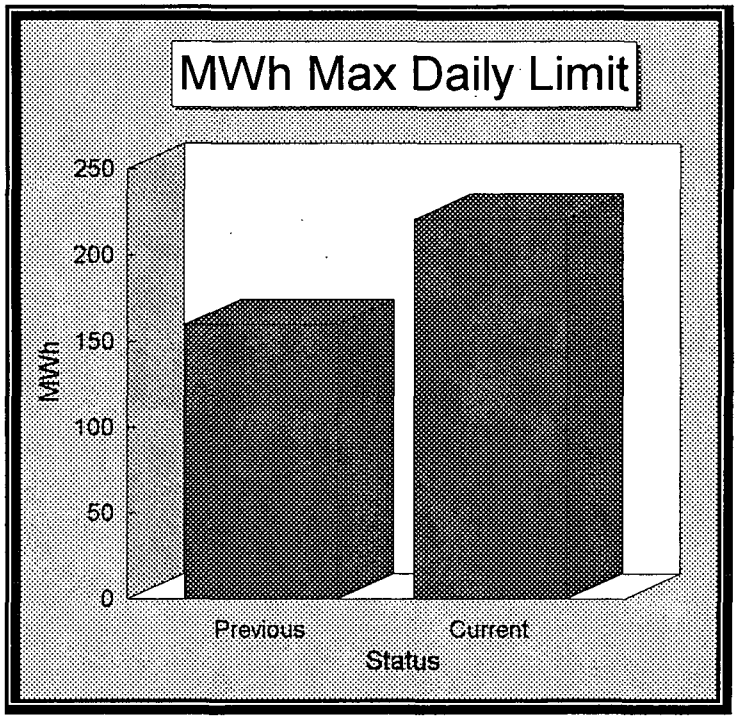
Total Levelized Unit Costs (mills/kWh)	35.1

UTAH MUNICIPAL POWER AGENCY Graph 8.62

DAQE: Approval Order and Title V Permit

BOILER TUBINE GENERATOR





UMPA POWER SUPPLY ANALYSIS
BONNETT GEOTHERMAL PLANT
NEW HOT WATER WELL

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FACTORS:

Capacity (kW)		2,000	Principal	$2,858,329	
Energy (kWh)		16,644,000	Interest	0.0%	
Load Factor		95.0%	Term (Yrs)	14	
Trans Loss		4.48%	Annual Pmts	$204,166	(Note 1)
Inflation:	O & M	3.0%	Chemicals	$60,000	(FY 1998)
	Mtn. Fuel	0.0%	Pump/Shaft	$61,000	(FY 1998)
Diesel Fuel (mills)		0.00	Misc. Parts	$15,000	(FY 1998)
Discount		6.0%	Trans ($/kW Mo.)	$1.774	

		DOLLARS				MILLS/kWh						
FISCAL YEAR	kW	CONSTR	PUMP/SHAFT	MISC PARTS	CHEMICALS	CONSTR	PUMP/SHAFT	MISC PARTS	CHEMICALS	@ BUS	TRANS	TOTAL
1998	2,000	204,166	61,000	15,000	60,000	12.84	3.84	0.94	3.77	21.4	2.5	23.9
1999	2,000	204,166	62,830	15,450	61,800	12.84	3.95	0.97	3.89	21.7	2.5	24.2
2000	2,000	204,166	64,715	15,914	63,654	12.84	4.07	1.00	4.00	21.9	2.6	24.5
2001	2,000	204,166	66,656	16,391	65,564	12.84	4.19	1.03	4.12	22.2	2.6	24.8
2002	2,000	204,166	68,656	16,883	67,531	12.84	4.32	1.06	4.25	22.5	2.6	25.0
2003	2,000	204,166	70,716	17,389	69,556	12.84	4.45	1.09	4.38	22.8	2.7	25.4
2004	2,000	204,166	72,837	17,911	71,643	12.84	4.58	1.13	4.51	23.1	2.7	25.7
2005	2,000	204,166	75,022	18,448	73,792	12.84	4.72	1.16	4.64	23.4	2.7	26.0
2006	2,000	204,166	77,273	19,002	76,006	12.84	4.86	1.20	4.78	23.7	2.7	26.4
2007	2,000	204,166	79,591	19,572	78,286	12.84	5.01	1.23	4.92	24.0	2.8	26.8
2008	2,000	204,166	81,979	20,159	80,635	12.84	5.16	1.27	5.07	24.3	2.9	27.2
2009	2,000	204,166	84,438	20,764	83,054	12.84	5.31	1.31	5.22	24.7	3.0	27.7
2010	2,000	204,166	86,971	21,386	85,546	12.84	5.47	1.35	5.38	25.0	3.1	28.1
2011	2,000	204,166	89,581	22,028	88,112	12.84	5.63	1.39	5.54	25.4	3.2	28.6

NOTE:

1. UMPA would pay the construction costs upfront, but for comparison purposes it is spread over a 14 year period.

RESOURCE: Bonnett Geothermal Plant (New Hot Water Well)
BASE YEAR: FY 1998
PRD OF ANAL: 30

BASIC PLANT DATA		LEVELIZED
Plant Investment Costs:		
Installed Capacity (kW)	2,000	
$/kW of Installed Capacity	1,429	
Total Construction Cost ($)	2,858,329	
Construction Period (Yrs)	1	
Interest Rate	0.0%	
Escalation Rate on Capital Investment	0.0%	
Service Life (Yrs)	14	204,166
Annual Operating Expenses:		
Fixed O&M Costs ($/kW-yr)	30.50	
Escalation Rate on O&M	3.0%	
Total Fixed Cost ($)	61,000	
Variable O&M Cost (mills/kWh)	4.51	
Capacity Factor	95.0%	
Total Variable O&M Costs ($)	75,000	
Wheeling Charge (mills/kWh)	2.50	
Total Wheeling Charge ($)	41,610	230,893
Annual Fuel Costs:		
Escalation Rate (Fuel)	3.0%	
Heat Rate (Btu/kWh)	0	
Fuel Cost ($/mmBtu)	0.00	
Fuel Cost (mills/kWh)	0.00	
Total Fuel Cost ($-Base Year)	0	0

Total Levelized Unit Costs (mills/kWh)	26.1

Note: The Plant Investment Cost is a one time drilling expense that will last the entire period of analysis (30 yrs).

LEVELIZED

RESOURCE	MILLS/kWh	
Power Marketer	44.85	
DG&T	not applicable	(due to 0% escalation rate)
PacifiCorp	32.36	
CCCT	87.93	
Coal Fired	data not available	
Gas Fired	data not available	
DG&T/CRSP	28.08	
Bonnett Geothermal		
Downtown Turbine	35.1	
Wind Turbine	testing stage	
PacifiCorp 94	contract canceled	

Note: All resource costs were analyzed using a 75% capacity factor, except DG&T/CRSP (50%).

Notes

UTAH MUNICIPAL POWER AGENCY
PREFERRED RESOURCE MIX

Throughout this Plan, we have discussed UMPA's objectives, "low", "base", and "high" load forecast scenarios, comparison of future loads with existing resources, potential demand-side and supply-side resources and resource integration. The purpose of this chapter is to present UMPA's preferred resource mix and provide methods of validation of predicted performance in order to determine if UMPA's objectives in the plan are being met.

SECTION I - PREFERRED RESOURCE MIX

After studying the "low", "base", and "high" load forecasts, UMPA has decided the base load growth forecast is the most likely case based on our experience and will be the basis for our estimated future loads in this Plan. Chapter 5 compared this forecast with UMPA's existing resources and the results indicate that there is sufficient capacity and energy through FY 2007. However, the Agency and its member cities will implement several DSM programs to decrease the rate of load growth. Listed below is the Preferred Resource Mix which consists of DSM Programs that the member cities have been providing for several years and the New DSM programs that the member cities recently implemented in order to obtain strategic conservation:

Ongoing DSM:	Low Loss Transformers
	Street Lights
	Education
New DSM:	Residential Audit
	Tree Program
	In-House Conservation
	Voltage Regulator Control

The Voltage Regulator Control Program, although inexpensive to implement and very effective, has not yet been implemented and will remain on hold until future conditions dictate the need to implement it. This Program will continue to be one of UMPA's Preferred Resource Mix.

Financing this preferred resource mix will be handled as if UMPA were purchasing a new supply-side resource. The capital investment costs will be paid directly by UMPA or by

each member city directly and equitably pursuant to their load. UMPA's Board of Directors determined that the ongoing programs be paid for as they are already established and any new programs be paid for by the Agency subject to budget review each year.

SECTION II - PERFORMANCE VALIDATION PLAN

Section 114, Title II, Section 204(b) of the Energy Policy Act of 1992, states that the IRP must have "provided methods of validation of predicted performance in order to determine whether objectives in the plan are being met."

Table 9.1 provides predicted performance for the capacity and energy of DSM savings and transmission and distribution efficiencies identified in the IRP. This table represents the total energy and capacity savings estimated to occur during FY 1998 through FY 2002 from the DSM programs. For example, the Residential Audit Program is estimated to realize an 8.3 kW savings each month for the first year, an additional 8.3 kW savings each month for the second year for a total of 16.6 kW per month. The Residential Audit Program includes the Electric Hot Water Heater Blanket, Pipe Wrap, and Low Flow Shower Heads and Faucets. UMPA has approximately 6,305 residential customers with electric hot water heaters. Our short-term goal is to obtain a 18% saturation level for customers with electric water heaters by the fifth year (FY 2002) which we estimate will result in an additional 42 kW per month savings and a 362,915 kWh savings per year.

UMPA's goal is to assure an adequate and reliable supply of energy at the least cost to the Agency and its member cities. When purchasing transformers, all bids are evaluated using a method that applies a cost of $5.00 per watt for no load losses and $2.00 per watt for full load losses. This method adds a cost value to all transformers based on their level of losses. Awarding the bid to a vendor is based on delivery time, manufacturers' and suppliers' past performance record, and least cost. Included in Table 9.1 are the estimated savings of 62 kW and 505,102 kWh in FY 1998 from the purchasing of low loss transformers. Any transformer

that exceeds an estimated average loss more than 10% will not be accepted. This policy will continue to improve UMPA's system efficiencies in regards to transmission and distribution losses.

Overall, UMPA estimate a total savings of 127 kW and 961,639 kWh in FY 1998 and slowly increase over the remaining four years as these DSM programs reach their estimated saturation levels.

TABLE 9.1

	FISCAL YEAR				
	1998	1999	2000	2001	2002
CAPACITY (kW)					
Demand-Side:					
1. Residential Audit	8	17	25	33	42
2. Tree Planting	0	0	0	0	0
3. In-House Conservation	37	37	37	37	37
4. Voltage Regulator Ctrl			On Hold		
5. Street Lights	20	40	60	78	96
6. Education	0	0	0	0	0
Transmission & Distribution:					
7. Low Loss Transformers	62	129	197	265	333
Totals:	127	223	319	413	508
ENERGY (kWh)					
Demand-Side:					
1. Residential Audit	72,583	145,166	217,749	290,332	362,915
2. Tree Planting	0	0	0	0	0
3. In-House Conservation	297,975	297,975	297,975	297,975	297,975
4. Voltage Regulator Ctrl			On Hold		
5. Street Lights	85,979	171,958	257,937	336,032	414,127
6. Education	0	0	0	0	0
Transmission & Distribution:					
7. Low Loss Transformers	505,102	1,048,040	1,596,201	2,144,362	2,692,523
Totals:	961,639	1,663,139	2,369,862	3,068,701	3,767,540

NOTE: See Appendix A for estimated savings by City.

Notes

UTAH MUNICIPAL POWER AGENCY
ACTION PLAN

This Action Plan describes the steps UMPA will take in FY 1998, 1999, 2000, 2001, and 2,002 to implement the Preferred Resource Mix identified in Chapter 9 and represents the conclusion reached in this Action Plan as developed in the preceding nine chapters.

The Agency developed this plan using the results of our internal analysis and the input and recommendations received during the public input process. We have determined that new supply-side resources will not be needed during the next five years; however, we will continue to manage our existing resources efficiently, as described in the Executive Summary and repeated at the end of this chapter. Nevertheless, some demand-side actions are necessary in the short-term to prepare for the future load growth.

IRP Goal and Objectives

UMPA's goal in developing an Integrated Resource Plan is to assure an adequate and reliable supply of energy at the least cost to the Agency and its members. The objectives we have established to reach this goal are (1) to maintain an updated forecast, (2) to monitor existing resources, (3) to continue to evaluate demand-side and supply-side resources with public participation, (4) to account for uncertainty in future plans, and (5) to consider the environmental impact in the analysis of each resource.

Data Assumptions and Load Forecast

Several data assumptions were made in order to develop the "base" load forecast scenario. First, we assumed the Agency's load will grow at an average of 2.9% from FY 1998 through FY 2002. This forecast reflects growth that is similar to that experienced historically. Normal weather patterns are assumed and this forecast does not include any unusually large load additions that may occur in the Cities of Spanish Fork or Provo.

SECTION I - 2 YEAR ACTION PLAN

Resource Option

The demand-side resource options that UMPA and its member cities will implement in FY 1998 and 1999 are:

1. Residential Audit - Currently, we estimate about 33,184 residential customers in member service territory of which approximately 19% have electric hot water heaters. If 160 residential customers participate in the audit program the first year by allowing the installation of a hot water heater blanket and pipe wrap and implementation of some other energy saving devices or recommendations, then the Agency estimates a savings of 8.3 kW per month and 72,583 kWh per year.

   In order to accomplish this savings, the member cities will need to average 3.2 audits per week for 50 weeks. The estimated cost for the first year is approximately $19,500 (administration is included). Over a two year period, UMPA and its member cities plan to audit a total of 320 homes and realize an accumulated savings of 16.6 kW per month and 145,166 kWh in 1999 at a total cost of $39,000.

2. Tree Planting Program - With this program, UMPA is targeting residential customers with air conditioning units. Approximately 16% of the 33,184 customers have refrigerated air conditioning within UMPA's service area. By continuing this program in FY 1998 and allowing 15 years for the trees to mature with a 10% mortality rate included, UMPA estimates a savings of about 294 kW per month and 444,149 kWh per year in FY 2017. No energy or capacity savings will be accounted for in the early years.

These estimated savings are based on the fact that 2,350 residential customers with refrigerated air conditioning (44%) will allow the utility to strategically place a deciduous tree in their yard. In order to obtain the estimated savings, UMPA member cities will need to plant on the average 14 trees per week during the summer months for two years. The total cost of this program is estimated to be $61,300.

3. In-House Conservation Program - This program targets UMPA's member cities' municipally owned buildings. Some of the member cities have already implemented their In-House Conservation Program and others have not yet begun. With this program, it is difficult to determine the estimated savings and costs without first taking a "walk through" evaluation of the prospective building. This "walk through" evaluation will identify areas where energy inefficiencies exist that could be avoided through the installation of energy saving devices. For the purposes of this "2 Year Action Plan", the Agency estimates an additional savings of 37 kW and 961,639 kWh will be realized through the installation of energy efficient devices FY 1998 and FY 1999 from its member cities.

4. Voltage Regulator Control - If implemented, this program will allow UMPA to regulate the voltage on transformers with load-side tap capabilities. An estimated savings up to 5% can be realized which results in approximately 7,318 kW savings for each hour that it is utilized. The cost to implement this program is $259,720. This estimate includes administration costs and the installation of 26 voltage regulator controls on the member cities' transformers.

In addition to these DSM programs, UMPA and the member cities will continue with several programs that have already been implemented. These programs most likely will continue beyond the five year action plan.

1. Street Lights - Each year for the first two years, UMPA estimates the installation of 200 high pressure sodium lights that have been determined to save approximately 40% of the energy when compared to mercury vapor street lights. At the end of the second year, this program will realize a 40 kW and a 171,958 kWh savings.

2. Education Program - This program is difficult to quantify in energy and capacity savings, but it plays a major long-term role in the conservation of energy around the home and workplace. Each year, UMPA and our member cities plan to have some kind of conservation program taught in grade schools and plan to make personnel and pamphlets available to assist customers in conserving energy. The estimated future expenditures on this program are also uncertain.

3. Low Loss Transformers - Each year UMPA estimates the installation of low loss transformers (amorphous steel core). The savings from these transformers when compared to the existing transformers are difficult to determine but do exist. UMPA estimates that 129 kW and 1,048,040 kWh of additional energy and capacity savings will be realized at the end of the second year as new low loss transformers are installed.

SECTION II - 5 YEAR ACTION PLAN

Resource Option

The demand-side resource options that UMPA and its member cities will implement in FY 2000, 2001, and 2002 are:

1. Residential Audit - When this program is implemented in FY 2000, 2001, and 2002, utilizing the same assumptions as the prior years, approximately 18% of all customers with electric hot water heaters will have been audited. UMPA's saturation level was set at 18% which will realize a combined total savings of 42 kW per month and 362,915 kWh per year thereafter.
2. Tree Planting Program - No energy or capacity savings are accounted for in this five year plan due to the needed time for the trees to mature (15 years).
3. In-House Conservation Program - Additional energy and capacity savings will not be determined in FY 2000, 2001, and 2002 until a "walk through" evaluation has been completed. However, additional improvements in energy efficiencies can continue in the municipal buildings of our member cities throughout the remaining three years of this IRP.

The Street Light and Low Loss Transformer Programs will also be continued during FY 2000, 2001, and 2002. Assuming the installations per year remain constant, the additional energy and capacity savings per year will be realized. The Education Program will continue each year to help customers understand how to use electricity more efficiently.

UMPA has obtained increased capacity and associated energy over the past few years, with no increase in construction through the exercise of prudent management oversight, and studying, evaluating and optimizing our two coal-fired steam generating resources.

In addition to maximizing the output and utilization of our resources, UMPA has increased the efficient use of available capacity through such practices by encouraging and monitoring such things as balancing of feeders and excessive reactive power problems, the use of economic dispatch procedures, and the members' development and implementation of rates which encourage the prudent use of power.

We have been able to increase the plant factor of existing coal-fired steam generating facilities through the pursuit and development of markets for off peak power, lowering the output of pollutants through a more efficient burn rate. We have also increased the capacity and efficiency of a diesel generating unit with the addition of a device which controls the fuel-combustion air ratio and we intend to install these measures on the remaining three units. The resulting mix increases the capacity generated and reduces emissions.

In conjunction with the DSM programs, these activities and resultant efficiencies will assist UMPA in deferring construction of a new power plant or the purchase of a new power supply contract. We will continue these efforts with the goal of increasing the output of existing resources and increasing the efficiencies of transmission and distribution so the maximum amount of resource generated is available for use by member cities.

Notes

APPENDIX A

TABLE 9.1
Detail Savings By City

	FISCAL YEAR				
	1998	1999	2000	2001	2002
CAPACITY (kW)					
1. Residential Audit					
Levan	0.1	0.1	0.2	0.2	0.3
Manti	0.2	0.3	0.5	0.6	0.8
Nephi	0.4	0.7	1.1	1.5	1.8
Provo	6.4	12.8	19.3	25.7	32.1
Salem	0.1	0.2	0.3	0.4	0.5
Spanish	1.2	2.4	3.6	4.8	6.0
2. Tree Planting	0.0	0.0	0.0	0.0	0.0
3. In-House Conservation					
Levan	0.7	0.7	0.7	0.7	0.7
Manti	3.0	3.0	3.0	3.0	3.0
Nephi	7.2	7.2	7.2	7.2	7.2
Provo	0.0	0.0	0.0	0.0	0.0
Salem	2.4	2.4	2.4	2.4	2.4
Spanish	23.7	23.7	23.7	23.7	23.7
4. Voltage Regulator Ctrl			On Hold		
5. Street Lights					
Levan	1.1	2.1	3.2	4.2	5.3
Manti	1.0	2.0	3.0	4.0	5.0
Nephi	0.4	0.8	1.1	1.5	1.9
Provo	7.4	14.8	22.3	29.7	37.1
Salem	2.6	5.1	7.7	8.4	9.2
Spanish	7.2	14.5	21.7	28.9	36.2
6. Education					
7. Low Loss Transformers					
Levan	0.1	0.3	0.4	0.5	0.7
Manti	0.1	0.2	0.3	0.4	0.4
Nephi	1.1	1.8	2.3	2.4	2.4
Provo	41.7	83.4	125.1	166.8	208.5
Salem	0.1	0.1	0.2	0.3	0.3
Spanish	19.3	43.7	69.0	94.3	119.6
ENERGY (kWh)					
1. Residential Audit					
Levan	454	907	1,361	1,815	2,268
Manti	1,361	2,722	4,083	5,444	6,805
Nephi	3,176	6,351	9,527	12,702	15,878
Provo	56,252	112,503	168,755	225,007	281,259
Salem	907	1,815	2,722	3,629	4,536
Spanish	10,434	20,868	31,301	41,735	52,169
2. Tree Planting					
3. In-House Conservation					
Levan	5,264	5,264	5,264	5,264	5,264
Manti	24,028	24,028	24,028	24,028	24,028
Nephi	58,064	58,064	58,064	58,064	58,064
Provo	0	0	0	0	0
Salem	19,332	19,332	19,332	19,332	19,332
Spanish	191,287	191,287	191,287	191,287	191,287
4. Voltage Regulator Ctrl			On Hold		
5. Street Lights					
Levan	4,599	9,198	13,797	18,396	22,995
Manti	4,380	8,760	13,140	17,520	21,900
Nephi	1,643	3,286	4,929	6,572	8,215
Provo	32,500	65,000	97,500	130,000	162,500
Salem	11,169	22,338	33,507	36,792	40,077
Spanish	31,689	63,378	95,067	126,756	158,445
6. Education					
7. Low Loss Transformers					
Levan	1,099	2,198	3,297	4,396	5,495
Manti	721	1,442	2,163	2,884	3,605
Nephi	9,137	14,500	18,348	22,196	26,044
Provo	338,162	676,324	1,014,486	1,352,648	1,690,810
Salem	550	1,100	1,650	2,200	2,750
Spanish	155,433	352,476	556,258	760,040	963,822

UTAH MUNICIPAL POWER AGENCY
DEMOGRAPHIC INFORMATION
FISCAL YEAR: 1996

		Provo		Spanish		Manti		Nephi
1.	Percent of Service Territory							
	Urban	85.0%		0.0%		90.0%		0.0%
	Suburban	12.0%		54.0%		5.0%		75.0%
	Rural	3.0%		46.0%		5.0%		25.0%
2.	Customer Class	kWh Sales	# Cust	kWh Sales	# Cust	kWh Sales	# Cust	kWh Sale
	Residential	167,037,103	24,981	29,572,663	4,592	9,709,484	940	15,142,418
	Commercial	246,619,419	3,159	74,576,109	717	2,140,746	126	13,816,859
	Industrial	154,606,714	16	0	0	0	0	2,976,561
	Other	7,199,813	1	4,119,252	1	884,336	56	1,600,978
3.	Top 10 Customers kWh Sales	Customer	kWh	Customer	kWh	Customer	kWh	Customer
		BYU	117,943,016	Cressona	15,414,513	Manti Temple	1,094,560	Rubber Products
		Provo City Corp.	21,216,911	Longview	9,341,560	Manti High School	624,840	Flying J
		Novell	17,334,790	Bushman Press	4,064,256	SanPete Court House	352,104	Thriftway
		UVRMC	16,946,790	Natures Sunshine	3,523,159	Rivers West Apparel	205,120	CVMC/NC
		School District	10,587,746	Klune Indust	2,867,400	Top Stop	160,968	Juab County
		R.R. Donnelly	9,398,660	Mountain Country Fo	1,957,120	Manti Elementry	140,800	Middle School
		Nimbus Mnfg	5,957,840	Macey's	1,918,806	Village Restaurant	113,280	Juab High Sch
		Nuskin	5,713,260	Kmart	1,797,600	Country Village Mot	106,480	Midstates
		LDS Church	5,528,745	Emerald Precision C	1,567,000	Manti Grocery	91,280	Canyon Hill
		Albertson's	4,120,800	Spanish Fork Foundr	1,358,564	Millers Bakery	54,721	Voc School
4.	Total Employment		47,471		6,078		1,475	
5.	Housing Characteristics							
	Single Family		44.4%		80.0%		10.0%	
	Multi Family		50.2%		18.0%		80.0%	
	Mobile Homes		5.4%		2.0%		10.0%	
6.	Population		103,000		16,800		2,500	

Note: Industr ıstomers receive service on the Primary side of the transformer.

Utah Municipal Power Agency
1982 MONTHLY LOAD/ENERGY REQUIREMENTS
(Year Ending June 30)

Line No.	Member (Meter Voltage)	1981 July	Aug	Sept	Oct	Nov	Dec	1982 Jan	Feb	March	April	May	June	Total
							DEMAND-kW							
1	Levan (46 kV)	488	496	432	512	560	560	672	712	560	552	464	424	6,432
2	Manti (46 kV)	2,419	2,073	2,383	2,279	2,464	2,686	3,152	3,028	2,631	2,607	2,321	1,987	30,030
3	Nephi (46 kV)	4,435	4,262	4,330	5,098	5,309	6,336	7,440	7,258	5,539	5,299	4,579	3,744	63,629
4	Provo (138 kV)	74,200	73,000	69,800	61,400	63,100	65,500	67,700	66,800	60,300	59,000	55,200	64,900	780,900
5	Salem (12 kV)	1,236	1,272	1,284	1,128	1,272	1,428	1,572	1,092	1,176	1,440	1,188	1,260	15,348
6	Spanish Fork (46 kV)	8,961	8,209	8,639	7,600	7,603	8,051	8,075	8,029	7,739	7,787	7,080	7,593	95,366
7	TOTAL	91,739	89,312	86,868	78,017	80,308	84,561	88,611	86,919	77,945	76,685	70,832	79,908	991,705
							ENERGY-kWh							
8	Levan (46 kV)	270,000	249,223	193,400	226,000	219,000	245,400	321,200	290,400	232,400	253,000	186,605	189,600	2,876,228
9	Manti (46 kV)	1,089,750	997,949	988,010	1,023,970	1,072,830	1,214,400	1,459,990	1,386,240	1,146,470	1,164,230	1,010,600	941,470	13,495,909
10	Nephi (46 kV)	2,508,000	2,278,136	2,364,000	2,036,000	2,264,000	2,568,000	3,332,000	2,952,000	2,324,000	2,433,182	1,808,000	1,836,000	28,703,318
11	Provo (138 kV)	36,891,000	37,573,000	35,566,000	31,307,000	32,947,000	32,714,000	34,858,000	35,811,000	29,977,000	32,573,000	27,118,000	30,548,000	397,883,000
12	Salem (12 kV)	610,500	545,100	558,300	543,356	555,900	594,300	725,105	675,600	600,600	675,600	546,900	588,000	7,219,261
13	Spanish Fork (46 kV)	4,075,850	3,784,330	3,916,280	3,621,092	3,631,020	3,672,199	4,005,980	3,919,880	3,430,340	3,696,920	3,275,240	3,554,860	44,583,991
14	TOTAL	45,445,100	45,427,738	43,585,990	38,757,418	40,689,750	41,008,299	44,702,275	45,035,120	37,710,810	40,795,932	33,945,345	37,657,930	494,761,707
							DEMAND-kW							
15	Levan (138 kV)	517	526	458	543	594	594	712	755	594	585	492	449	6,818
16	Manti (138 kV)	2,540	2,177	2,502	2,393	2,587	2,820	3,310	3,179	2,763	2,737	2,437	2,086	31,532
17	Nephi (138 kV)	4,657	4,475	4,547	5,353	5,574	6,653	7,812	7,621	5,816	5,564	4,808	3,931	66,810
18	Provo (138 kV)	74,200	73,000	69,800	61,400	63,100	65,500	67,700	66,800	60,300	59,000	55,200	64,900	780,900
19	Salem (138 kV)	1,292	1,329	1,342	1,179	1,329	1,492	1,643	1,141	1,229	1,505	1,241	1,317	16,039
20	Spanish Fork (138 kV)	9,275	8,496	8,941	7,866	7,869	8,333	8,358	8,310	8,010	8,060	7,328	7,859	98,704
21	TOTAL	92,480	90,003	87,590	78,733	81,054	85,392	89,534	87,806	78,711	77,451	71,506	80,542	1,000,802
							ENERGY-kWh							
22	Levan (138 kV)	286,200	264,176	205,004	239,560	232,140	260,124	340,472	307,824	246,344	268,180	197,801	200,976	3,048,802
23	Manti (138 kV)	1,144,238	1,047,846	1,037,411	1,075,169	1,126,472	1,275,120	1,532,990	1,455,552	1,203,794	1,222,442	1,061,130	988,544	14,170,704
24	Nephi (138 kV)	2,633,400	2,392,043	2,482,200	2,137,800	2,377,200	2,696,400	3,498,600	3,099,600	2,440,200	2,554,841	1,898,400	1,927,800	30,138,484
25	Provo (138 kV)	36,891,000	37,573,000	35,566,000	31,307,000	32,947,000	32,714,000	34,858,000	35,811,000	29,977,000	32,573,000	27,118,000	30,548,000	397,883,000
26	Salem (138 kV)	637,973	569,630	583,424	567,807	580,916	621,044	757,735	706,002	627,627	706,002	571,511	614,460	7,544,128
27	Spanish Fork (138 kV)	4,218,505	3,916,782	4,053,350	3,747,830	3,758,106	3,800,726	4,146,189	4,057,076	3,550,402	3,826,312	3,389,873	3,679,280	46,144,431
28	TOTAL	45,811,315	45,763,477	43,927,388	39,075,166	41,021,833	41,367,413	45,133,986	45,437,054	38,045,366	41,150,777	34,236,715	37,959,060	498,929,548

Utah Municipal Power Agency
1983 MONTHLY LOAD/ENERGY REQUIREMENTS
(Year Ending June 30)

Line No.	Member (Meter Voltage)	1982 July	August	September	October	November	December	1983 January	February	March	April	May	June	Total
							MEASURED DEMAND-kW							
1	Levan (46 kV)	576	496	544	504	568	584	656	568	568	560	496	496	6,616
2	Manti (46 kV)	2,088	2,253	2,221	2,717	2,781	2,685	3,098	2,908	2,579	2,604	2,464	2,155	30,553
3	Nephi (46 kV)	4,550	4,483	5,261	5,059	5,827	5,894	6,250	6,019	5,578	5,798	5,069	3,619	63,407
4	Provo (138 kV)	78,200	76,800	71,200	61,700	65,000	67,300	68,400	63,500	61,600	61,100	60,300	67,300	802,400
5	Salem (12 kV)	1,272	1,452	1,452	1,320	1,572	1,656	1,704	1,512	1,452	1,308	1,236	1,296	17,232
6	Spanish Fork (46 kV)	8,553	8,492	8,354	7,951	8,170	8,168	7,868	7,452	7,468	7,540	7,540	7,630	95,186
7	TOTAL	95,239	93,976	89,032	79,251	83,918	86,287	87,976	81,959	79,245	78,910	77,105	82,496	1,015,394
							ENERGY-kWh							
8	Levan (46 kV)	286,600	252,825	264,400	220,200	248,400	263,000	308,800	263,400	231,200	248,200	281,298	199,800	3,068,123
9	Manti (46 kV)	907,770	1,002,708	1,016,070	1,090,520	1,211,530	1,318,040	1,525,040	1,300,550	1,125,790	1,169,560	1,043,670	856,370	13,567,618
10	Nephi (46 kV)	2,128,000	2,432,054	2,332,000	2,092,000	2,464,000	2,620,000	3,100,000	2,684,000	2,256,000	2,380,000	2,092,000	1,820,000	28,400,054
11	Provo (138 kV)	35,382,000	37,330,000	33,480,000	32,546,000	33,439,000	33,626,000	37,109,000	35,460,000	33,294,000	32,848,000	29,897,000	32,220,000	406,631,000
12	Salem (12 kV)	648,600	670,881	607,500	644,100	704,400	727,800	837,900	750,900	654,300	666,600	613,500	566,400	8,092,881
13	Spanish Fork (46 kV)	3,954,080	3,960,890	3,769,260	3,669,080	3,832,200	3,851,240	4,159,040	3,938,580	3,480,540	3,660,760	3,542,420	3,646,820	45,464,910
14	TOTAL	43,307,050	45,649,358	41,469,230	40,261,900	41,899,530	42,406,080	47,039,780	44,397,430	41,041,830	40,973,120	37,469,888	39,309,390	505,224,586
							DEMAND-kW							
15	Levan (138 kV)	611	526	577	534	602	619	695	602	602	594	526	526	7,013
16	Manti (138 kV)	2,192	2,366	2,332	2,853	2,920	2,819	3,253	3,053	2,708	2,734	2,587	2,263	32,081
17	Nephi (138 kV)	4,778	4,707	5,524	5,312	6,118	6,189	6,563	6,320	5,857	6,088	5,322	3,800	66,577
18	Provo (138 kV)	78,200	76,800	71,200	61,700	65,000	67,300	68,400	63,500	61,600	61,100	60,300	67,300	802,400
19	Salem (138 kV)	1,329	1,517	1,517	1,379	1,643	1,731	1,781	1,580	1,517	1,367	1,292	1,354	18,007
20	Spanish Fork (138 kV)	8,852	8,789	8,646	8,229	8,456	8,454	8,143	7,713	7,729	7,804	7,804	7,897	98,518
21	TOTAL	95,962	94,705	89,796	80,008	84,739	87,111	88,835	82,768	80,014	79,686	77,831	83,140	1,024,596
							ENERGY-kWh							
22	Levan (138 kV)	303,796	267,995	280,264	233,412	263,304	278,780	327,328	279,204	245,072	263,092	298,176	211,788	3,252,210
23	Manti (138 kV)	953,159	1,052,843	1,066,874	1,145,046	1,272,107	1,383,942	1,601,292	1,365,578	1,182,080	1,228,038	1,095,854	899,189	14,245,999
24	Nephi (138 kV)	2,234,400	2,553,657	2,448,600	2,196,600	2,587,200	2,751,000	3,255,000	2,818,200	2,368,800	2,499,000	2,196,600	1,911,000	29,820,057
25	Provo (138 kV)	35,382,000	37,330,000	33,480,000	32,546,000	33,439,000	33,626,000	37,109,000	35,460,000	33,294,000	32,848,000	29,897,000	32,220,000	406,631,000
26	Salem (138 kV)	677,787	701,071	634,838	673,085	736,098	760,551	875,605	784,691	683,744	696,597	641,108	591,888	8,457,061
27	Spanish Fork (138 kV)	4,092,473	4,099,521	3,901,184	3,797,498	3,966,327	3,986,033	4,304,606	4,076,430	3,602,359	3,788,887	3,666,405	3,774,459	47,056,182
28	TOTAL	43,643,614	46,005,086	41,811,759	40,591,640	42,264,036	42,786,306	47,472,832	44,784,102	41,376,054	41,323,614	37,795,142	39,608,323	509,462,508

Utah Municipal Power Agency
1984 MONTHLY LOAD/ENERGY REQUIREMENTS
(Year Ending June 30)

Line No.	Member (Meter Voltage)	1983 July	August	September	October	November	December	1984 January	February	March	April	May	June	Total
							DEMAND-kW							
1	Levan (46 kV)	416	464	480	552	608	644	720	712	628	576	576	504	6,880
2	Manti (46 kV)	2,042	2,631	2,094	2,403	2,734	3,055	3,128	3,053	2,736	2,513	2,420	1,910	30,719
3	Nephi (46 kV)	3,782	3,773	3,792	4,349	5,549	6,960	7,661	7,162	6,595	5,558	5,386	3,946	64,513
4	Provo (138 kV)	74,200	83,700	73,800	60,600	68,400	71,000	65,500	69,300	65,000	63,100	65,800	68,800	829,200
5	Salem (12 kV)	1,296	1,380	1,236	1,236	1,512	1,656	1,716	1,584	1,464	1,284	1,260	1,200	16,824
6	Spanish Fork (46 kV)	8,445	9,284	8,684	8,630	7,841	8,363	8,214	7,913	7,794	7,431	7,489	7,766	97,854
7	TOTAL	90,181	101,232	90,086	77,770	86,644	91,678	86,939	89,724	84,217	80,462	82,931	84,126	1,045,990
							ENERGY-kWh							
8	Levan (46 kV)	315,894	296,151	315,894	205,400	236,800	295,600	359,400	316,800	292,000	252,400	220,600	226,400	3,333,339
9	Manti (46 kV)	961,680	927,579	992,690	1,015,750	1,148,740	1,396,770	1,469,000	1,443,500	1,290,400	1,092,400	978,100	887,400	13,604,009
10	Nephi (46 kV)	2,008,000	1,926,184	1,840,000	1,796,000	1,832,000	3,380,000	3,608,000	3,228,000	2,852,000	2,456,000	2,184,000	2,000,000	29,110,184
11	Provo (138 kV)	38,688,000	38,165,000	36,684,000	30,773,000	32,327,000	35,336,000	40,206,000	37,863,000	37,468,000	32,637,000	31,203,000	32,480,000	423,830,000
12	Salem (12 kV)	643,800	636,785	644,700	575,100	632,100	759,900	876,600	772,500	718,800	634,500	591,300	581,400	8,067,485
13	Spanish Fork (46 kV)	4,128,680	4,025,738	4,030,400	3,463,135	3,602,831	4,065,923	4,391,208	4,046,799	3,934,593	3,660,053	3,702,514	3,793,464	46,845,338
14	TOTAL	46,746,054	45,977,437	44,507,684	37,828,385	39,779,471	45,234,193	50,910,208	47,670,599	46,555,793	40,732,353	38,879,514	39,968,664	524,790,355
							DEMAND-kW							
15	Levan (138 kV)	441	492	509	585	644	683	763	755	666	611	611	534	7,293
16	Manti (138 kV)	2,144	2,763	2,199	2,523	2,871	3,208	3,284	3,206	2,873	2,639	2,541	2,006	32,255
17	Nephi (138 kV)	3,971	3,962	3,982	4,566	5,826	7,308	8,044	7,520	6,925	5,836	5,655	4,143	67,739
18	Provo (138 kV)	74,200	83,700	73,800	60,600	68,400	71,000	65,500	69,300	65,000	63,100	65,800	68,800	829,200
19	Salem (138 kV)	1,354	1,442	1,292	1,292	1,580	1,731	1,793	1,655	1,530	1,342	1,317	1,254	17,581
20	Spanish Fork (138 kV)	8,741	9,609	8,988	8,932	8,115	8,656	8,501	8,190	8,067	7,691	7,751	8,038	101,279
21	TOTAL	90,851	101,967	90,769	78,498	87,437	92,585	87,886	90,626	85,060	81,218	83,675	84,775	1,055,346
							ENERGY-kWh							
22	Levan (138 kV)	334,848	313,920	334,848	217,724	251,008	313,336	380,964	335,808	309,520	267,544	233,836	239,984	3,533,339
23	Manti (138 kV)	1,009,764	973,958	1,042,325	1,066,538	1,206,177	1,466,609	1,542,450	1,515,675	1,354,920	1,147,020	1,027,005	931,770	14,284,209
24	Nephi (138 kV)	2,108,400	2,022,493	1,932,000	1,885,800	1,923,600	3,549,000	3,788,400	3,389,400	2,994,600	2,578,800	2,293,200	2,100,000	30,565,693
25	Provo (138 kV)	38,688,000	38,165,000	36,684,000	30,773,000	32,327,000	35,336,000	40,206,000	37,863,000	37,468,000	32,637,000	31,203,000	32,480,000	423,830,000
26	Salem (138 kV)	672,771	665,440	673,712	600,980	660,545	794,096	916,047	807,263	751,146	663,053	617,909	607,563	8,430,522
27	Spanish Fork (138 kV)	4,273,184	4,166,639	4,171,464	3,584,345	3,728,930	4,208,230	4,544,900	4,188,437	4,072,304	3,788,155	3,832,102	3,926,235	48,484,925
28	TOTAL	47,086,966	46,307,450	44,838,348	38,128,386	40,097,260	45,667,270	51,378,761	48,099,582	46,950,490	41,081,571	39,207,051	40,285,552	529,128,689

Utah Municipal Power Agency
1985 MONTHLY LOAD/ENERGY REQUIREMENTS
(Year Ending June 30)

Line No.	Member (Meter Voltage)	1984 July	August	September	October	November	December	1985 January	February	March	April	May	June	Total
							MEASURED DEMAND-kW							
1	Levan (46 kV)	496	464	536	592	600	696	696	768	656	608	536	456	7,104
2	Manti (46 kV)	1,838	1,830	2,219	2,443	2,446	2,677	2,801	2,968	2,698	2,420	1,970	1,898	28,208
3	Nephi (46 kV)	4,109	4,176	4,973	5,894	5,904	6,653	7,104	7,747	6,653	6,078	5,248	4,640	69,179
4	Provo (138 kV)	77,300	79,200	75,000	65,500	66,000	70,800	70,200	71,900	66,300	62,000	62,700	76,700	843,600
5	Salem (12 kV)	1,332	1,308	1,344	1,404	1,500	1,728	1,596	1,632	1,464	1,368	1,284	1,284	17,244
6	Spanish Fork (46 kV)	8,641	8,534	8,327	7,777	7,972	8,390	8,280	8,210	7,626	7,919	7,672	8,321	97,669
7	TOTAL	93,716	95,512	92,399	83,610	84,422	90,944	90,677	93,225	85,397	80,393	79,410	93,299	1,063,004
							ENERGY-kWh							
8	Levan (46 kV)	241,400	206,779	234,600	243,200	286,200	316,000	320,200	337,400	264,000	245,800	218,944	234,800	3,149,323
9	Manti (46 kV)	918,700	847,580	940,000	975,600	725,500	1,271,317	1,272,800	1,334,400	1,135,300	919,500	702,800	771,300	11,814,797
10	Nephi (46 kV)	2,156,000	2,001,787	2,212,000	2,268,000	2,744,000	3,108,000	3,196,000	3,396,000	2,608,000	2,409,000	2,131,000	2,231,000	30,460,787
11	Provo (138 kV)	38,363,000	36,579,000	37,799,000	33,025,000	35,965,000	36,393,000	36,130,000	38,964,000	32,648,000	33,712,000	30,428,000	36,187,000	426,193,000
12	Salem (12 kV)	646,800	606,669	663,000	636,600	727,963	772,200	767,100	809,700	656,400	640,500	564,600	598,500	8,090,032
13	Spanish Fork (46 kV)	4,360,209	4,049,776	4,287,320	3,795,520	4,141,140	4,160,480	4,115,280	4,293,760	3,635,480	3,845,240	3,612,840	4,055,040	48,352,085
14	TOTAL	46,686,109	44,291,591	46,135,920	40,943,920	44,589,803	46,020,997	45,801,380	49,135,260	40,947,180	41,772,040	37,658,184	44,077,640	528,060,024
							DEMAND-kW							
15	Levan (138 kV)	526	492	568	628	636	738	738	814	695	644	568	483	7,530
16	Manti (138 kV)	1,930	1,922	2,330	2,565	2,568	2,811	2,941	3,116	2,833	2,541	2,069	1,993	29,618
17	Nephi (138 kV)	4,314	4,385	5,222	6,189	6,199	6,986	7,459	8,134	6,986	6,382	5,510	4,872	72,638
18	Provo (138 kV)	77,300	79,200	75,000	65,500	66,000	70,800	70,200	71,900	66,300	62,000	62,700	76,700	843,600
19	Salem (138 kV)	1,392	1,367	1,404	1,467	1,568	1,806	1,668	1,705	1,530	1,430	1,342	1,342	18,020
20	Spanish Fork (138 kV)	8,943	8,833	8,618	8,049	8,251	8,684	8,570	8,497	7,893	8,196	7,941	8,612	101,087
21	TOTAL	94,405	96,198	93,143	84,398	85,222	91,824	91,576	94,168	86,237	81,193	80,129	94,002	1,072,494
							ENERGY-kWh							
22	Levan (138 kV)	255,884	219,186	248,676	257,792	303,372	334,960	339,412	357,644	279,840	260,548	232,081	248,888	3,338,282
23	Manti (138 kV)	964,635	889,959	987,000	1,024,380	761,775	1,334,883	1,336,440	1,401,120	1,192,065	965,475	737,940	809,865	12,405,537
24	Nephi (138 kV)	2,263,800	2,101,876	2,322,600	2,381,400	2,881,200	3,263,400	3,355,800	3,565,800	2,738,400	2,529,450	2,237,550	2,342,550	31,983,826
25	Provo (138 kV)	38,363,000	36,579,000	37,799,000	33,025,000	35,965,000	36,393,000	36,130,000	38,964,000	32,648,000	33,712,000	30,428,000	36,187,000	426,193,000
26	Salem (138 kV)	675,906	633,969	692,835	665,247	760,721	806,949	801,620	846,137	685,938	669,323	590,007	625,433	8,454,083
27	Spanish Fork (138 kV)	4,512,816	4,191,518	4,437,376	3,928,363	4,286,080	4,306,097	4,259,315	4,444,042	3,762,722	3,979,823	3,739,289	4,196,966	50,044,408
28	TOTAL	47,036,041	44,615,508	46,487,487	41,282,182	44,958,148	46,439,289	46,222,586	49,578,742	41,306,965	42,116,619	37,964,867	44,410,702	532,419,137

Utah Municipal Power Agency
1986 MONTHLY LOAD/ENERGY REQUIREMENTS
(Year Ending June 30)

Line No.	Member (Meter Voltage)	1985 July	August	September	October	November	December	1986 January	February	March	April	May	June	Total
							DEMAND-kW							
1	Levan (46 kV)	592	696	640	579	625	667	683	650	571	540	514	390	7,147
2	Manti (46 kV)	2,172	2,154	2,530	2,345	2,795	2,892	2,755	2,842	2,560	2,646	2,567	2,172	30,430
3	Nephi (46 kV)	5,024	4,672	4,608	5,376	6,950	7,617	7,070	7,139	5,776	5,745	6,168	4,874	71,019
4	Provo (138 kV)	82,900	77,400	72,200	61,600	68,600	71,800	71,100	68,400	65,900	63,100	68,500	80,500	852,000
5	Salem (12 kV)	1,332	1,368	1,392	1,284	1,440	1,590	1,604	1,236	1,338	1,344	1,206	1,248	16,382
6	Spanish Fork (46 kV)	9,165	8,539	9,552	7,645	8,407	8,723	8,297	8,232	8,110	7,816	7,954	8,900	101,340
7	TOTAL	101,185	94,829	90,922	78,829	88,817	93,289	91,509	88,499	84,255	81,191	86,909	98,084	1,078,318
							ENERGY-kWh							
8	Levan (46 kV)	304,400	410,000	311,800	234,400	271,239	323,086	296,913	303,195	275,794	231,511	204,235	171,356	3,337,929
9	Manti (46 kV)	963,845	987,500	1,030,300	1,034,300	1,195,170	1,354,770	1,287,760	1,376,370	1,332,500	1,110,670	1,014,790	889,710	13,577,685
10	Nephi (46 kV)	2,402,000	2,427,000	2,067,000	2,237,000	2,749,832	3,413,590	3,171,770	3,156,640	2,735,590	2,389,450	2,404,340	2,288,070	31,442,282
11	Provo (138 kV)	38,337,400	40,181,500	37,227,790	33,644,980	36,020,490	36,617,590	35,891,700	38,437,614	39,376,266	32,649,600	33,402,300	39,223,300	441,010,530
12	Salem (12 kV)	640,500	637,827	592,800	593,100	682,800	785,700	741,900	753,600	723,300	596,400	609,000	567,000	7,923,927
13	Spanish Fork (46 kV)	4,293,960	4,406,011	4,004,440	3,768,999	4,173,720	4,375,920	4,238,720	4,496,000	4,637,960	3,934,960	4,197,360	4,191,240	50,719,290
14	TOTAL	46,942,105	49,049,838	45,234,130	41,512,779	45,093,251	46,870,656	45,628,763	48,523,419	49,081,410	40,912,591	41,832,025	47,330,676	548,011,643
							DEMAND-kW							
15	Levan (138 kV)	628	738	678	614	663	707	724	689	605	572	545	413	7,576
16	Manti (138 kV)	2,281	2,262	2,657	2,462	2,935	3,037	2,893	2,984	2,688	2,778	2,695	2,281	31,952
17	Nephi (138 kV)	5,275	4,906	4,838	5,645	7,298	7,998	7,424	7,496	6,065	6,032	6,476	5,118	74,570
18	Provo (138 kV)	82,900	77,400	72,200	61,600	68,600	71,800	71,100	68,400	65,900	63,100	68,500	80,500	852,000
19	Salem (138 kV)	1,392	1,430	1,455	1,342	1,505	1,662	1,676	1,292	1,398	1,404	1,260	1,304	17,119
20	Spanish Fork (138 kV)	9,486	8,838	9,886	7,913	8,701	9,028	8,587	8,520	8,394	8,090	8,232	9,212	104,887
21	TOTAL	101,961	95,572	91,714	79,575	89,701	94,231	92,404	89,381	85,050	81,977	87,709	98,827	1,088,103
							ENERGY-kWh							
22	Levan (138 kV)	322,664	434,600	330,508	248,464	287,513	342,471	314,728	321,387	292,342	245,402	216,489	181,637	3,538,205
23	Manti (138 kV)	1,012,037	1,036,875	1,081,815	1,086,015	1,254,929	1,422,509	1,352,148	1,445,189	1,399,125	1,166,204	1,065,530	934,196	14,256,569
24	Nephi (138 kV)	2,522,100	2,548,350	2,170,350	2,348,850	2,887,324	3,584,270	3,330,359	3,314,472	2,872,370	2,508,923	2,524,557	2,402,474	33,014,396
25	Provo (138 kV)	38,337,400	40,181,500	37,227,790	33,644,980	36,020,490	36,617,590	35,891,700	38,437,614	39,376,266	32,649,600	33,402,300	39,223,300	441,010,530
26	Salem (138 kV)	669,323	666,529	619,476	619,790	713,526	821,057	775,286	787,512	755,849	623,238	636,405	592,515	8,280,504
27	Spanish Fork (138 kV)	4,444,249	4,560,221	4,144,595	3,900,914	4,319,800	4,529,077	4,387,075	4,653,360	4,800,289	4,072,684	4,344,268	4,337,933	52,494,465
28	TOTAL	47,307,772	49,428,076	45,574,534	41,849,012	45,483,582	47,316,973	46,051,295	48,959,533	49,496,239	41,266,049	42,189,548	47,672,055	552,594,669

Utah Municipal Power Agency
1987 MONTHLY LOAD/ENERGY REQUIREMENTS
(Year Ending June 30)

Line No.	Member (Meter Voltage)	1986 July	August	September	October	November	December	1987 January	February	March	April	May	June	Total
							MEASURED DEMAND-kW							
1	Levan (46 kV)	523	521	640	481	537	575	612	561	589	534	707	771	7,051
2	Manti (46 kV)	2,086	2,428	2,303	2,306	2,501	2,795	2,984	2,760	2,657	2,499	2,166	2,226	29,711
3	Nephi (46 kV)	5,451	5,414	5,272	5,809	6,648	7,639	7,939	6,973	6,730	6,112	5,588	5,506	75,081
4	Provo (138 kV)	83,400	86,500	74,800	67,200	68,500	71,800	73,600	67,500	70,600	67,700	70,200	79,400	881,200
5	Salem (12 kV)	1,248	1,332	1,236	1,266	1,446	1,627	1,562	1,451	1,357	1,279	1,281	1,231	16,316
6	Spanish Fork (46 kV)	9,087	9,646	8,304	7,521	8,480	9,067	8,933	8,322	8,440	7,782	8,361	8,877	102,820
7	TOTAL	101,795	105,841	92,555	84,583	88,112	93,503	95,630	87,567	90,373	85,906	88,303	98,011	1,112,179
							MEASURED ENERGY-kWh							
8	Levan (46 kV)	274,234	275,599	293,053	213,778	237,268	269,577	284,093	224,565	250,555	186,638	327,743	461,543	3,298,646
9	Manti (46 kV)	947,450	1,039,120	991,650	1,102,050	1,168,820	1,351,330	1,417,510	1,187,060	1,248,370	1,045,190	976,030	923,370	13,397,950
10	Nephi (46 kV)	2,692,820	2,695,700	2,283,230	2,530,280	2,800,130	3,367,240	3,540,670	2,882,730	2,983,820	2,468,580	2,668,730	2,749,470	33,663,400
11	Provo (138 kV)	40,178,400	42,055,300	35,543,100	35,388,700	36,829,500	37,437,500	39,776,200	34,610,200	37,157,800	34,118,300	35,097,900	38,598,800	446,791,700
12	Salem (12 kV)	607,800	658,500	573,000	669,000	631,500	776,486	785,870	646,410	681,810	591,620	586,500	599,800	7,808,296
13	Spanish Fork (46 kV)	4,563,488	4,835,200	4,017,200	4,415,722	4,092,959	4,832,190	4,767,080	4,073,010	4,140,437	4,180,430	4,216,200	4,401,750	52,535,666
14	TOTAL	49,264,192	51,559,419	43,701,233	44,319,530	45,760,177	48,034,323	50,571,423	43,623,975	46,462,792	42,590,758	43,873,103	47,734,733	557,495,658
							DEMAND-kW							
15	Levan (138 kV)	554	552	678	510	569	610	649	595	624	566	749	817	7,474
16	Manti (138 kV)	2,190	2,549	2,418	2,421	2,626	2,935	3,133	2,898	2,790	2,624	2,274	2,337	31,197
17	Nephi (138 kV)	5,724	5,685	5,536	6,099	6,980	8,021	8,336	7,322	7,067	6,418	5,867	5,781	78,835
18	Provo (138 kV)	83,400	86,500	74,800	67,200	68,500	71,800	73,600	67,500	70,600	67,700	70,200	79,400	881,200
19	Salem (138 kV)	1,304	1,392	1,292	1,323	1,511	1,700	1,632	1,516	1,418	1,307	1,309	1,258	16,963
20	Spanish Fork (138 kV)	9,405	9,984	8,595	7,784	8,777	9,384	9,246	8,613	8,735	7,953	8,545	9,072	106,093
21	TOTAL	102,577	106,662	93,318	85,338	88,964	94,450	96,596	88,444	91,234	86,568	88,945	98,666	1,121,762
							ENERGY-kWh							
22	Levan (138 kV)	290,688	292,135	310,636	226,605	251,504	285,752	301,139	238,039	265,588	197,836	347,408	489,236	3,496,565
23	Manti (138 kV)	994,823	1,091,076	1,041,233	1,157,153	1,227,261	1,418,897	1,488,386	1,246,413	1,310,789	1,097,450	1,024,832	969,539	14,067,848
24	Nephi (138 kV)	2,827,461	2,830,485	2,397,392	2,656,794	2,940,137	3,535,602	3,717,704	3,026,867	3,133,011	2,592,009	2,802,167	2,886,944	35,346,570
25	Provo (138 kV)	40,178,400	42,055,300	35,543,100	35,388,700	36,829,500	37,437,500	39,776,200	34,610,200	37,157,800	34,118,300	35,097,900	38,598,800	446,791,700
26	Salem (138 kV)	635,151	688,133	598,785	699,105	659,918	811,428	821,234	675,498	712,491	604,636	599,403	612,996	8,118,777
27	Spanish Fork (138 kV)	4,723,210	5,004,432	4,157,802	4,570,272	4,236,213	5,001,317	4,933,928	4,215,565	4,285,352	4,272,399	4,308,956	4,498,589	54,208,035
28	TOTAL	49,649,733	51,961,560	44,048,947	44,698,628	46,144,532	48,490,495	51,038,590	44,012,582	46,865,032	42,882,630	44,180,665	48,056,102	562,029,495

Utah Municipal Power Agency
1988 MONTHLY LOAD/ENERGY REQUIREMENTS
(Year Ending June 30)

Line No.	Member (Meter Voltage)	1987 July	August	September	October	November	December	1988 January	February	March	April	May	June	Total
							MEASURED DEMAND-kW							
1	Levan (12 kV)	795	698	465	487	573	688	719	657	599	545	636	726	7,588
2	Manti (46 kV)	2,148	2,222	2,395	2,461	2,502	2,701	2,863	2,959	2,438	2,265	2,207	2,322	29,483
3	Nephi (46 kV)	5,770	4,857	4,728	6,693	7,248	7,587	7,748	7,710	7,131	6,389	5,737	5,444	77,042
4	Provo (138 kV)	83,500	86,000	84,600	68,700	71,700	76,200	75,600	72,200	70,100	66,200	77,300	92,500	924,600
5	Salem (12 kV)	1,312	1,339	1,433	1,346	1,517	1,705	1,715	1,510	1,582	1,416	1,411	1,464	17,750
6	Spanish Fork (46 kV)	9,048	9,279	9,252	8,073	8,816	9,399	9,006	8,672	8,514	8,428	8,625	9,565	106,677
7	TOTAL	102,573	104,395	102,873	87,760	92,356	98,280	97,651	93,708	90,364	85,243	95,916	112,021	1,163,140
							MEASURED ENERGY-kWh							
8	Levan (12 kV)	468,482	357,127	187,858	198,638	232,083	284,184	306,278	264,267	251,508	190,997	287,820	415,280	3,444,522
9	Manti (46 kV)	960,560	969,730	983,320	1,042,180	1,139,980	1,431,720	1,435,928	1,288,610	1,226,660	1,047,490	1,016,000	954,100	13,496,278
10	Nephi (46 kV)	2,953,390	2,909,100	2,379,300	2,375,010	2,846,490	3,545,570	3,688,250	3,172,160	3,224,390	2,660,290	2,585,180	2,871,480	35,210,610
11	Provo (138 kV)	41,310,400	41,262,000	38,335,900	37,928,400	37,293,850	40,073,700	41,844,300	37,989,000	39,250,700	35,707,000	37,135,200	43,356,316	471,486,766
12	Salem (12 kV)	653,000	653,860	600,070	629,640	687,190	809,900	829,050	712,770	741,750	721,940	719,230	710,100	8,468,500
13	Spanish Fork (46 kV)	4,601,400	4,675,980	4,388,110	4,365,740	4,415,530	4,929,180	4,928,550	4,451,480	4,585,290	4,233,440	4,433,960	4,736,240	54,744,900
14	TOTAL	50,947,232	50,827,797	46,874,558	46,539,608	46,615,123	51,074,254	53,032,356	47,878,287	49,280,298	44,561,157	46,177,390	53,043,516	586,851,576
							DEMAND-kW							
15	Levan (138 kV)	843	740	493	516	607	729	762	696	635	578	674	770	8,043
16	Manti (138 kV)	2,255	2,333	2,515	2,584	2,627	2,836	3,006	3,107	2,560	2,378	2,317	2,438	30,957
17	Nephi (138 kV)	6,059	5,100	4,964	7,028	7,610	7,966	8,135	8,096	7,488	6,708	6,024	5,716	80,894
18	Provo (138 kV)	83,500	86,000	84,600	68,700	71,700	76,200	75,600	72,200	70,100	66,200	77,300	92,500	924,600
19	Salem (138 kV)	1,341	1,368	1,465	1,376	1,550	1,743	1,753	1,543	1,617	1,447	1,442	1,496	18,141
20	Spanish Fork (138 kV)	9,247	9,483	9,456	8,251	9,010	9,606	9,204	8,863	8,701	8,613	8,815	9,775	109,024
21	TOTAL	103,245	105,024	103,492	88,454	93,105	99,080	98,461	94,505	91,101	85,925	96,572	112,695	1,171,659
							ENERGY-kWh							
22	Levan (138 kV)	496,591	378,555	199,129	210,556	246,008	301,235	324,655	280,123	266,598	202,457	305,089	440,197	3,651,193
23	Manti (138 kV)	1,008,588	1,018,217	1,032,486	1,094,289	1,196,979	1,503,306	1,507,724	1,353,041	1,287,993	1,099,865	1,066,800	1,001,805	14,171,092
24	Nephi (138 kV)	3,101,060	3,054,555	2,498,265	2,493,761	2,988,815	3,722,849	3,872,663	3,330,768	3,385,610	2,793,305	2,714,439	3,015,054	36,971,141
25	Provo (138 kV)	41,310,400	41,262,000	38,335,900	37,928,400	37,293,850	40,073,700	41,844,300	37,989,000	39,250,700	35,707,000	37,135,200	43,356,316	471,486,766
26	Salem (138 kV)	667,366	668,245	613,272	643,492	702,308	827,718	847,289	728,451	758,069	737,823	735,053	725,722	8,654,807
27	Spanish Fork (138 kV)	4,702,631	4,778,852	4,484,648	4,461,786	4,512,672	5,037,622	5,036,978	4,549,413	4,686,166	4,326,576	4,531,507	4,840,437	55,949,288
28	TOTAL	51,286,635	51,160,423	47,163,700	46,832,284	46,940,631	51,466,429	53,433,609	48,230,795	49,635,136	44,867,024	46,488,088	53,379,531	590,884,287

UTAH MUNICIPAL POWER AGENCY
1989 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDEDING JUNE 30

Line No.	Member (Meter Voltage)	1988 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	1989 DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	769	682	482	478	567	638	675	735	639	578	785	744	7,772
2	MANTI (46 KV)	2,319	2,177	2,049	2,103	2,371	2,543	2,737	2,929	2,338	2,337	2,364	2,352	28,619
3	NEPHI (46 KV)	5,699	5,684	5,002	4,740	7,045	7,718	7,958	8,877	6,718	6,018	5,951	5,372	76,782
4	PROVO (138 KV)	91,400	92,600	87,600	73,900	76,927	79,121	78,401	83,574	74,241	72,801	76,609	89,006	976,180
5	SALEM (12 KV)	1,511	1,539	1,445	1,242	1,563	1,701	1,663	1,894	1,457	1,473	1,310	1,351	18,149
6	SPANISH FORK (46 KV)	9,652	9,963	9,382	8,962	9,787	10,138	9,921	10,260	9,223	9,043	9,725	10,455	116,511
7	TOTAL	111,350	112,645	105,960	91,425	98,260	101,859	101,355	108,269	94,616	92,250	96,744	109,280	1,224,013
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	471,810	375,020	198,900	197,360	251,430	297,030	319,860	271,050	233,579	262,488	447,420	392,540	3,718,487
9	MANTI (46 KV)	1,025,400	1,025,400	973,800	970,000	1,120,800	1,306,800	1,370,730	1,158,276	1,086,964	884,845	924,326	890,446	12,737,787
10	NEPHI (46 KV)	3,123,920	3,182,580	2,403,420	2,326,780	2,897,240	3,654,820	3,858,800	3,388,800	2,942,380	2,489,620	3,025,660	2,825,920	36,119,940
11	PROVO (138 KV)	48,092,100	46,735,500	40,756,800	39,993,600	39,442,300	42,709,600	44,361,400	40,579,400	40,659,000	37,677,100	38,488,000	40,273,300	499,768,100
12	SALEM (12 KV)	761,700	730,300	620,100	605,900	682,000	811,800	828,100	760,100	722,907	635,100	656,300	647,800	8,462,107
13	SPANISH FORK (46 KV)	5,113,710	5,122,620	4,722,800	4,694,900	4,878,800	5,419,900	5,446,000	4,891,800	4,982,120	4,495,700	4,782,400	4,959,300	59,510,050
14	TOTAL	58,588,640	57,171,420	49,675,820	48,788,540	49,272,570	54,199,950	56,184,890	51,049,426	50,626,950	46,444,853	48,324,106	49,989,306	620,316,471
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	815	701	496	491	583	656	694	756	657	594	807	765	8,015
16	MANTI	2,435	2,216	2,086	2,141	2,414	2,589	2,786	2,982	2,380	2,379	2,407	2,394	29,209
17	NEPHI	5,984	5,786	5,092	4,825	7,172	7,857	8,101	9,037	6,839	6,126	6,058	5,469	78,346
18	PROVO	91,400	92,600	87,600	73,900	76,927	79,121	78,401	83,574	74,241	72,801	76,609	89,006	976,180
19	SALEM	1,544	1,573	1,477	1,257	1,582	1,722	1,683	1,917	1,475	1,491	1,326	1,367	18,414
20	SPANISH FORK	9,864	10,182	9,588	9,070	9,905	10,260	10,041	10,383	9,334	9,152	9,842	10,582	118,203
21	TOTAL	112,042	113,058	106,339	91,684	98,583	102,205	101,706	108,649	94,926	92,543	97,049	109,583	1,228,367
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	500,119	385,588	204,505	202,922	258,515	305,400	328,874	278,688	240,161	269,885	460,028	403,602	3,838,287
23	MANTI	1,076,670	1,043,857	991,328	987,460	1,140,974	1,330,322	1,395,403	1,179,125	1,106,529	900,772	940,964	906,474	12,999,878
24	NEPHI	3,280,116	3,239,866	2,446,682	2,368,662	2,949,390	3,720,607	3,928,258	3,449,798	2,995,343	2,534,433	3,080,122	2,876,787	36,870,064
25	PROVO	48,092,100	46,735,500	40,756,800	39,993,600	39,442,300	42,709,600	44,361,400	40,579,400	40,659,000	37,677,100	38,488,000	40,273,300	499,768,100
26	SALEM	778,457	746,367	633,742	613,201	690,218	821,582	838,079	769,259	731,618	642,753	664,208	655,606	8,585,090
27	SPANISH FORK	5,226,212	5,235,318	4,826,702	4,751,473	4,937,589	5,485,210	5,511,625	4,950,746	5,042,154	4,549,873	4,840,028	5,019,060	60,375,990
28	TOTAL	58,953,674	57,386,496	49,859,759	48,917,318	49,418,986	54,372,721	56,363,639	51,207,016	50,774,805	46,574,816	48,473,350	50,134,829	622,437,409

UTAH MUNICIPAL POWER AGENCY
1990 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDEDING JUNE 30

Line No.	Member (Meter Voltage)	1989 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1990 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	737	575	389	519	635	593	600	601	521	441	789	710	7,110
2	MANTI (46 KV)	2,217	2,073	2,196	2,722	2,570	2,505	2,382	2,437	2,249	2,263	2,673	2,686	28,973
3	NEPHI (46 KV)	5,764	5,493	4,651	5,950	6,676	7,264	7,269	7,251	6,578	5,631	5,903	5,743	74,173
4	PROVO (138 KV)	103,270	94,935	88,603	73,886	78,926	81,144	76,961	78,372	74,985	72,022	77,225	99,036	999,365
5	SALEM (12 KV)	1,629	1,486	1,304	1,434	1,591	1,714	1,705	1,672	1,527	1,337	1,263	1,540	18,202
6	SPANISH FORK (46 KV)	10,971	10,839	9,997	9,714	10,272	10,532	10,437	11,346	9,668	9,208	9,472	11,228	123,684
7	TOTAL	124,588	115,401	107,140	94,225	100,670	103,752	99,354	101,679	95,528	90,902	97,325	120,943	1,251,507
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	389,480	337,480	160,180	193,200	211,160	254,240	247,570	235,000	211,652	187,038	429,957	375,578	3,232,535
9	MANTI (46 KV)	973,018	951,627	932,400	999,708	1,048,233	1,246,147	1,219,121	1,119,338	1,087,744	935,172	1,013,270	1,162,327	12,688,105
10	NEPHI (46 KV)	3,042,460	3,037,640	2,332,120	2,432,820	2,850,040	3,431,360	3,447,020	3,174,180	2,861,060	2,633,560	2,866,680	2,749,620	34,858,560
11	PROVO (138 KV)	50,772,800	48,189,200	42,111,500	41,691,900	40,492,400	43,038,400	43,691,900	39,943,400	41,509,600	38,676,000	39,580,500	43,957,900	513,655,500
12	SALEM (12 KV)	779,500	723,800	664,100	666,600	714,800	835,100	803,500	720,800	710,400	627,400	646,600	693,400	8,586,000
13	SPANISH FORK (46 KV)	5,555,400	5,606,900	4,954,600	5,140,300	5,146,900	5,461,500	5,570,900	5,063,300	5,260,600	4,885,500	4,951,800	5,083,900	62,681,600
14	TOTAL	61,512,658	58,846,647	51,154,900	51,124,528	50,463,533	54,266,747	54,980,011	50,256,018	51,641,056	47,944,670	49,488,807	54,022,725	635,702,300
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	758	591	400	534	653	610	617	618	536	453	811	730	7,311
16	MANTI	2,257	2,110	2,236	2,771	2,616	2,550	2,425	2,481	2,289	2,304	2,721	2,734	29,494
17	NEPHI	5,868	5,592	4,735	6,057	6,796	7,395	7,400	7,382	6,696	5,732	6,009	5,846	75,508
18	PROVO	103,270	94,935	88,603	73,886	78,926	81,144	76,961	78,372	74,985	72,022	77,225	99,036	999,365
19	SALEM	1,649	1,504	1,320	1,451	1,610	1,735	1,726	1,692	1,545	1,353	1,278	1,559	18,422
20	SPANISH FORK	11,103	10,970	10,118	9,831	10,396	10,658	10,563	11,483	9,784	9,318	9,587	11,363	125,174
21	TOTAL	124,905	115,702	107,412	94,530	100,997	104,092	99,692	102,028	95,835	91,182	97,631	121,268	1,255,274
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	400,456	346,990	164,694	198,644	217,110	261,404	254,547	241,622	217,616	192,309	442,073	386,162	3,323,627
23	MANTI	990,532	968,756	949,183	1,017,703	1,067,101	1,268,578	1,241,065	1,139,486	1,107,323	952,005	1,031,509	1,183,249	12,916,490
24	NEPHI	3,097,224	3,092,318	2,374,098	2,476,611	2,901,341	3,493,124	3,509,066	3,231,315	2,912,559	2,680,964	2,918,280	2,799,113	35,486,013
25	PROVO	50,772,800	48,189,200	42,111,500	41,691,900	40,492,400	43,038,400	43,691,900	39,943,400	41,509,600	38,676,000	39,580,500	43,957,900	513,655,500
26	SALEM	788,893	732,522	672,102	674,633	723,413	845,163	813,182	729,486	718,960	634,960	654,392	701,755	8,689,461
27	SPANISH FORK	5,622,342	5,674,464	5,014,303	5,202,241	5,208,920	5,527,311	5,638,029	5,124,313	5,323,991	4,944,370	5,011,469	5,145,161	63,436,914
28	TOTAL	61,672,247	59,004,250	51,285,880	51,261,732	50,610,285	54,433,980	55,147,789	50,409,622	51,790,049	48,080,608	49,638,223	54,173,340	637,508,005

UTAH MUNICIPAL POWER AGENCY
1991 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30

Line No.	Member (Meter Voltage)	1990 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1991 JANUARY	FEBRUARY	MARCH	APRIL	MAY	1991 JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	633	631	350	444	557	723	629	563	504	730	779	603	7,146
2	MANTI (46 KV)	2,886	2,595	2,504	2,290	2,443	2,757	2,554	2,350	2,173	2,216	2,385	3,057	30,210
3	NEPHI (46 KV)	5,715	5,622	5,457	5,642	6,866	7,945	7,955	7,057	6,647	6,245	6,452	5,410	77,013
4	PROVO (138 KV)	103,673	102,593	100,044	78,473	80,489	82,606	81,929	77,473	75,751	74,985	73,080	89,321	1,020,417
5	SALEM (12 KV)	1,648	1,604	1,469	1,314	1,557	1,899	1,717	1,541	1,499	1,426	1,323	1,353	18,350
6	SPANISH FORK (46 KV)	11,263	11,259	10,975	9,363	10,475	11,040	10,813	10,156	10,044	10,174	9,828	10,235	125,625
7	TOTAL	125,818	124,304	120,799	97,526	102,387	106,970	105,597	99,140	96,618	95,776	93,847	109,979	1,278,761
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	374,403	370,158	163,619	190,154	222,258	310,440	301,246	228,033	252,361	323,161	335,035	337,954	3,408,822
9	MANTI (46 KV)	1,082,218	1,102,289	1,003,762	1,030,790	1,096,329	1,349,384	1,352,631	1,078,332	1,123,615	1,019,457	998,647	1,082,485	13,319,939
10	NEPHI (46 KV)	2,893,080	3,048,280	2,889,540	2,431,080	2,857,260	3,786,640	3,756,020	2,900,920	3,089,940	2,719,780	3,074,480	2,827,960	36,274,980
11	PROVO (138 KV)	51,895,300	50,227,300	46,327,900	42,217,100	41,224,500	45,340,600	47,009,200	40,225,300	42,515,000	39,910,000	39,307,000	42,503,400	528,702,600
12	SALEM (12 KV)	811,500	806,400	648,900	629,600	688,100	850,700	819,500	683,300	696,400	658,200	628,300	638,300	8,559,200
13	SPANISH FORK (46 KV)	5,723,700	5,750,300	5,288,200	5,118,400	5,168,700	5,819,800	5,975,500	5,125,800	5,429,500	5,244,000	5,329,400	5,204,368	65,177,668
14	TOTAL	62,780,201	61,304,727	56,321,921	51,617,124	51,257,147	57,457,564	59,214,097	50,241,685	53,106,816	49,874,598	49,672,862	52,594,467	655,443,209
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	651	649	360	457	573	743	647	579	518	751	801	620	7,349
16	MANTI	2,938	2,642	2,549	2,331	2,487	2,807	2,600	2,392	2,212	2,256	2,428	3,112	30,754
17	NEPHI	5,818	5,723	5,555	5,744	6,990	8,088	8,098	7,184	6,767	6,357	6,568	5,507	78,399
18	PROVO	103,673	102,593	100,044	78,473	80,489	82,606	81,929	77,473	75,751	74,985	73,080	89,321	1,020,417
19	SALEM	1,668	1,623	1,487	1,330	1,576	1,992	1,738	1,560	1,517	1,443	1,339	1,369	18,642
20	SPANISH FORK	11,399	11,395	11,107	9,476	10,601	11,173	10,943	10,279	10,165	10,297	9,946	10,359	127,140
21	TOTAL	126,147	124,625	121,102	97,811	102,716	107,409	105,955	99,467	96,930	96,089	94,162	110,288	1,282,701
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	384,954	380,589	168,230	195,513	228,521	319,188	309,735	234,459	259,473	332,268	344,476	347,478	3,504,884
23	MANTI	1,101,698	1,122,130	1,021,830	1,049,344	1,116,063	1,373,673	1,376,978	1,097,742	1,143,840	1,037,807	1,016,623	1,101,970	13,559,698
24	NEPHI	2,945,155	3,103,149	2,941,552	2,474,839	2,908,691	3,854,800	3,823,628	2,953,137	3,145,559	2,768,736	3,129,821	2,878,863	36,927,930
25	PROVO	51,895,300	50,227,300	46,327,900	42,217,100	41,224,500	45,340,600	47,009,200	40,225,300	42,515,000	39,910,000	39,307,000	42,503,400	528,702,600
26	SALEM	821,279	816,117	656,719	637,187	696,392	860,951	829,375	691,534	704,792	666,131	635,871	645,992	8,662,340
27	SPANISH FORK	5,792,671	5,819,591	5,351,923	5,180,077	5,230,982	5,889,929	6,047,505	5,187,566	5,494,926	5,307,190	5,393,619	5,267,081	65,963,060
28	TOTAL	62,941,057	61,468,876	56,468,154	51,754,060	51,405,149	57,639,141	59,396,421	50,389,738	53,263,590	50,022,132	49,827,410	52,744,784	657,320,512

UTAH MUNICIPAL POWER AGENCY
1992 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30

Line No.	Member (Meter Voltage)	1991 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1992 JANUARY	FEBRUARY	MARCH	APRIL	MAY	1992 JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	638	661	396	617	566	580	606	548	483	456	709	705	6,965
2	MANTI (46 KV)	3,218	2,545	2,469	2,398	2,568	2,497	2,529	2,617	2,296	2,292	2,628	2,613	30,670
3	NEPHI (46 KV)	5,899	5,607	4,791	6,311	6,433	6,919	7,361	7,029	6,051	6,016	5,827	5,608	73,852
4	PROVO (138 KV)	103,713	101,959	97,441	79,765	81,033	84,269	83,839	80,137	76,777	81,649	87,977	99,499	1,058,058
5	SALEM (12 KV)	1,522	1,552	1,522	1,515	1,620	1,887	1,723	1,665	1,549	1,396	1,461	1,489	18,901
6	SPANISH FORK (46 KV)	12,501	12,302	11,349	11,063	11,063	11,687	11,286	10,695	10,303	10,777	11,088	11,838	135,952
7	TOTAL	127,491	124,626	117,968	101,669	103,283	107,839	107,344	102,691	97,459	102,586	109,690	121,752	1,324,398
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	377,314	376,727	169,505	190,891	239,100	276,324	282,670	225,726	220,464	183,207	393,290	392,173	3,327,391
9	MANTI (46 KV)	1,194,391	1,085,545	1,059,421	1,091,419	1,139,418	1,272,652	1,335,336	1,177,768	1,063,273	1,002,882	1,064,940	1,051,000	13,538,045
10	NEPHI (46 KV)	3,178,840	3,066,400	2,286,900	2,497,160	3,035,440	3,641,880	3,681,740	2,957,520	2,837,980	2,764,220	2,951,040	2,993,640	35,892,760
11	PROVO (138 KV)	52,468,200	51,993,900	43,573,700	43,634,000	42,478,700	45,285,000	46,332,600	41,364,100	42,306,200	41,250,300	42,938,900	46,111,100	539,736,700
12	SALEM (12 KV)	764,800	756,500	634,300	647,100	715,500	866,800	845,700	727,500	701,100	660,700	689,900	713,100	8,723,000
13	SPANISH FORK (46 KV)	6,213,700	6,396,100	5,572,500	5,770,900	5,709,100	6,217,400	6,176,900	5,472,700	5,579,400	5,398,700	5,550,500	5,830,900	69,888,800
14	TOTAL	64,197,245	63,675,172	53,296,326	53,831,470	53,317,258	57,560,056	58,654,946	51,925,314	52,708,417	51,260,009	53,588,570	57,091,913	671,106,696
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	656	680	407	634	582	596	623	563	497	469	729	725	7,161
16	MANTI	3,276	2,591	2,513	2,441	2,614	2,542	2,575	2,664	2,337	2,333	2,675	2,660	31,221
17	NEPHI	6,005	5,708	4,877	6,425	6,549	7,044	7,493	7,156	6,160	6,124	5,932	5,709	75,182
18	PROVO	103,713	101,959	97,441	79,765	81,033	84,269	83,839	80,137	76,777	81,649	87,977	99,499	1,058,058
19	SALEM	1,540	1,571	1,540	1,533	1,640	1,910	1,744	1,685	1,568	1,413	1,479	1,507	19,130
20	SPANISH FORK	12,652	12,450	11,485	11,196	11,196	11,828	11,422	10,824	10,427	10,907	11,222	11,981	137,590
21	TOTAL	127,842	124,959	118,263	101,994	103,614	108,189	107,696	103,029	97,766	102,895	110,014	122,081	1,328,342
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	387,947	387,343	174,282	196,270	245,838	284,111	290,636	232,087	226,677	188,370	404,373	403,224	3,421,158
23	MANTI	1,215,890	1,105,085	1,078,491	1,111,065	1,159,928	1,295,560	1,359,372	1,198,968	1,082,412	1,020,934	1,084,109	1,069,918	13,781,732
24	NEPHI	3,236,059	3,121,595	2,328,064	2,542,109	3,090,078	3,707,434	3,748,011	3,010,755	2,889,064	2,813,976	3,004,159	3,047,526	36,538,830
25	PROVO	52,468,200	51,993,900	43,573,700	43,634,000	42,478,700	45,285,000	46,332,600	41,364,100	42,306,200	41,250,300	42,938,900	46,111,100	539,736,700
26	SALEM	774,016	765,616	641,943	654,898	724,122	877,245	855,891	736,266	709,548	668,661	698,213	721,693	8,828,112
27	SPANISH FORK	6,288,575	6,473,173	5,639,649	5,840,439	5,777,895	6,292,320	6,251,332	5,538,646	5,646,632	5,463,755	5,617,383	5,901,163	70,730,962
28	TOTAL	64,370,687	63,846,712	53,436,129	53,978,781	53,476,561	57,741,670	58,837,842	52,080,822	52,860,533	51,405,996	53,747,137	57,254,624	673,037,494

UTAH MUNICIPAL POWER AGENCY
1993 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30

Line No.	Member (Meter Voltage)	1992 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1993 JANUARY	FEBRUARY	MARCH	APRIL	MAY	1993 JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	640	649	367	411	574	579	591	557	502	442	403	484	6,199
2	MANTI (46 KV)	2,893	2,475	2,273	2,230	2,387	2,675	2,565	2,483	2,413	2,360	2,762	2,920	30,436
3	NEPHI (46 KV)	5,819	5,728	4,787	5,250	7,320	7,095	6,987	6,886	6,792	5,491	5,364	4,941	72,460
4	PROVO (138 KV)	103,881	110,433	95,033	85,781	85,961	88,313	87,697	85,009	81,432	77,728	90,945	100,353	1,092,566
5	SALEM (12 KV)	1,737	1,807	1,502	1,607	1,902	2,103	1,976	1,792	1,668	1,522	1,524	1,571	20,711
6	SPANISH FORK (46 KV)	12,696	13,118	11,823	11,283	12,151	12,695	12,424	11,868	11,916	11,341	12,026	12,830	146,171
7	TOTAL	127,666	134,210	115,785	106,562	110,295	113,460	112,240	108,595	104,723	98,884	113,024	123,099	1,368,543
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	383,494	393,759	164,223	178,471	220,574	275,472	260,998	224,303	212,251	190,069	188,880	230,842	2,923,336
9	MANTI (46 KV)	1,128,759	1,158,366	1,047,255	1,064,954	1,170,626	1,371,692	1,340,601	1,173,903	1,183,320	1,065,982	1,074,463	1,158,948	13,938,869
10	NEPHI (46 KV)	3,145,860	3,077,120	2,432,640	2,562,540	3,056,320	3,609,140	3,515,860	3,094,760	2,942,280	2,642,260	2,472,160	2,401,100	34,952,040
11	PROVO (138 KV)	51,197,000	53,911,000	46,387,600	45,001,400	44,284,200	47,538,700	48,057,800	43,380,100	45,632,700	41,849,900	45,118,700	45,003,000	557,362,100
12	SALEM (12 KV)	811,100	855,900	715,900	736,000	842,100	972,800	944,400	814,100	816,100	728,400	753,700	734,200	9,724,700
13	SPANISH FORK (46 KV)	6,257,400	6,703,100	5,969,200	5,941,400	6,055,600	6,714,800	6,648,400	6,031,800	6,445,200	6,009,500	6,295,400	6,427,000	75,498,800
14	TOTAL	62,923,613	66,099,245	56,716,818	55,484,765	55,629,420	60,482,604	60,768,059	54,718,966	57,231,851	52,486,111	55,903,303	55,955,090	694,399,845
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	658	667	377	423	590	595	608	573	516	454	414	498	6,373
16	MANTI	2,945	2,520	2,314	2,270	2,430	2,723	2,611	2,528	2,456	2,402	2,812	2,973	30,984
17	NEPHI	5,924	5,831	4,873	5,345	7,452	7,223	7,113	7,010	6,914	5,590	5,461	5,030	73,766
18	PROVO	103,881	110,433	95,033	85,781	85,961	88,313	87,697	85,009	81,432	77,728	90,945	100,353	1,092,566
19	SALEM	1,758	1,829	1,520	1,626	1,925	2,128	2,000	1,814	1,688	1,540	1,542	1,590	20,960
20	SPANISH FORK	12,849	13,276	11,965	11,965	12,297	12,848	12,573	12,011	12,060	11,478	12,171	12,985	148,478
21	TOTAL	128,015	134,556	116,082	107,410	110,655	113,830	112,602	108,945	105,066	99,192	113,345	123,429	1,373,127
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	394,301	404,855	168,851	183,500	226,790	283,235	268,353	230,624	218,232	195,425	194,203	237,347	3,005,716
23	MANTI	1,149,077	1,179,217	1,066,106	1,084,123	1,191,697	1,396,382	1,364,732	1,195,033	1,204,620	1,085,170	1,093,803	1,179,809	14,189,769
24	NEPHI	3,202,485	3,132,508	2,476,428	2,608,666	3,111,334	3,674,105	3,579,145	3,150,466	2,995,241	2,689,821	2,516,659	2,444,320	35,581,178
25	PROVO	51,197,000	53,911,000	46,387,600	45,001,400	44,284,200	47,538,700	48,057,800	43,380,100	45,632,700	41,849,900	45,118,700	45,003,000	557,362,100
26	SALEM	820,874	866,214	724,527	744,869	852,247	984,522	955,780	823,910	825,934	737,177	762,782	743,047	9,841,883
27	SPANISH FORK	6,332,801	6,783,872	6,041,128	6,012,994	6,128,570	6,795,714	6,728,514	6,104,483	6,522,865	6,081,915	6,371,259	6,504,446	76,408,561
28	TOTAL	63,096,538	66,277,666	56,864,640	55,635,552	55,794,838	60,672,658	60,954,324	54,884,616	57,399,592	52,639,408	56,057,406	56,111,969	696,389,207

UTAH MUNICIPAL POWER AGENCY
1994 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30

Line No.	Member (Meter Voltage)	1993 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1994 JANUARY	FEBRUARY	MARCH	APRIL	MAY	1994 JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	592	608	398	420	567	557	520	541	435	613	626	641	6,518
2	MANTI (46 KV)	2,660	2,938	2,431	2,545	2,560	2,641	2,664	2,570	2,192	2,505	2,590	2,745	31,041
3	NEPHI (46 KV)	5,413	5,228	4,826	5,425	6,324	6,872	6,944	6,891	5,751	5,762	5,574	5,722	70,732
4	PROVO (138 KV)	101,473	102,201	98,001	87,085	87,810	88,649	86,689	85,400	79,077	86,689	93,823	115,529	1,112,426
5	SALEM (12 KV)	1,659	1,784	1,641	1,713	1,957	2,164	1,948	1,938	1,749	1,626	1,597	1,984	21,760
6	SPANISH FORK (46 KV)	13,283	13,807	13,460	12,476	13,685	14,157	13,399	13,495	12,682	12,481	13,003	15,548	161,476
7	TOTAL	125,080	126,566	120,757	109,664	112,903	115,040	112,164	110,835	101,886	109,676	117,213	142,169	1,403,953
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	348,474	349,761	165,248	190,209	234,378	268,432	249,499	226,571	206,079	291,588	362,917	367,489	3,260,645
9	MANTI (46 KV)	1,142,452	1,174,455	1,095,264	1,121,101	1,229,831	1,386,438	1,341,400	1,193,172	1,160,787	1,089,525	1,068,486	1,157,214	14,160,125
10	NEPHI (46 KV)	2,775,000	2,815,120	2,256,160	2,469,620	3,091,720	3,414,040	3,376,020	2,978,020	2,745,080	2,490,580	2,788,340	2,965,140	34,164,840
11	PROVO (138 KV)	50,375,200	52,138,100	46,817,500	45,638,500	45,926,900	48,115,500	48,075,700	43,757,300	46,052,600	43,920,600	45,994,800	52,824,200	569,636,900
12	SALEM (12 KV)	807,800	835,000	755,900	806,700	893,400	1,014,400	955,800	865,900	829,800	768,400	784,200	872,700	10,190,000
13	SPANISH FORK (46 KV)	6,797,500	7,184,100	6,829,400	6,915,200	7,028,400	7,577,000	7,462,200	6,880,700	7,316,000	6,835,100	6,977,300	7,604,500	85,407,400
14	TOTAL	62,246,426	64,496,536	57,919,472	57,141,330	58,404,629	61,775,810	61,460,619	55,901,663	58,310,346	55,395,793	57,976,043	65,791,243	716,819,910
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	609	625	409	432	583	573	535	556	447	630	644	659	6,702
16	MANTI	2,708	2,991	2,475	2,591	2,606	2,689	2,712	2,616	2,231	2,550	2,637	2,794	31,600
17	NEPHI	5,510	5,322	4,913	5,523	6,438	6,996	7,069	7,015	5,855	5,866	5,674	5,825	72,006
18	PROVO	101,473	102,201	98,001	87,085	87,810	88,649	86,689	85,400	79,077	86,689	93,823	115,529	1,112,426
19	SALEM	1,679	1,805	1,661	1,734	1,981	2,190	1,971	1,961	1,770	1,646	1,616	2,008	22,022
20	SPANISH FORK	13,443	13,974	13,622	12,626	13,850	14,327	13,561	13,657	12,835	12,632	13,160	15,735	163,422
21	TOTAL	125,422	126,918	121,081	109,991	113,268	115,424	112,537	111,205	102,215	110,013	117,554	142,550	1,408,178
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	358,294	359,617	169,905	195,569	240,983	275,996	256,530	232,956	211,886	299,805	373,144	377,845	3,352,530
23	MANTI	1,163,016	1,195,595	1,114,979	1,141,281	1,251,968	1,411,394	1,365,545	1,214,649	1,181,681	1,109,136	1,087,719	1,178,044	14,415,007
24	NEPHI	2,824,950	2,865,792	2,296,771	2,514,073	3,147,371	3,475,493	3,436,788	3,031,624	2,794,491	2,535,410	2,838,530	3,018,513	34,779,806
25	PROVO	50,375,200	52,138,100	46,817,500	45,638,500	45,926,900	48,115,500	48,075,700	43,757,300	46,052,600	43,920,600	45,994,800	52,824,200	569,636,900
26	SALEM	817,534	845,062	765,009	816,421	904,165	1,026,624	967,317	876,334	839,799	777,659	793,650	883,216	10,312,790
27	SPANISH FORK	6,879,410	7,270,669	6,911,694	6,998,528	7,113,092	7,668,303	7,552,120	6,963,612	7,404,158	6,917,463	7,061,377	7,696,134	86,436,560
28	TOTAL	62,418,404	64,674,835	58,075,858	57,304,372	58,584,479	61,973,310	61,654,000	56,076,475	58,484,615	55,560,073	58,149,220	65,977,952	718,933,593

UTAH MUNICIPAL POWER AGENCY
1995 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30

Line No.	Member (Meter Voltage)	1994 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1995 JANUARY	FEBRUARY	MARCH	APRIL	MAY	1995 JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	719	618	372	429	560	569	540	527	485	468	465	398	6,150
2	MANTI (46 KV)	2,818	2,891	2,366	2,578	2,728	2,790	2,468	2,519	2,378	2,286	2,819	2,671	31,312
3	NEPHI (46 KV)	5,782	5,985	4,976	5,574	6,786	6,960	6,704	6,459	5,848	5,864	5,312	4,822	71,072
4	PROVO (138 KV)	118,777	119,172	109,418	84,112	91,952	92,792	90,166	86,284	82,713	82,936	84,319	101,305	1,143,946
5	SALEM (12 KV)	2,067	2,092	1,978	1,713	2,173	2,266	2,128	2,018	1,773	1,657	1,620	1,800	23,285
6	SPANISH FORK (46 KV)	15,749	16,205	15,288	13,301	15,140	16,032	15,879	15,264	14,861	15,370	15,283	17,189	185,561
7	TOTAL	145,912	146,963	134,398	107,707	119,339	121,409	117,885	113,071	108,058	108,581	109,818	128,185	1,461,326
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	430,287	300,594	176,948	198,245	249,350	284,388	280,244	224,696	240,301	221,662	207,799	186,176	3,000,690
9	MANTI (46 KV)	1,249,186	1,273,035	1,096,461	1,165,801	1,329,787	1,379,961	1,334,864	1,146,590	1,202,438	1,090,373	1,115,299	1,042,007	14,425,802
10	NEPHI (46 KV)	3,144,280	3,236,600	2,448,340	2,556,040	3,138,120	3,529,500	3,493,740	2,750,540	2,956,840	2,704,720	2,670,300	2,427,600	35,056,620
11	PROVO (138 KV)	59,370,300	60,995,200	51,762,400	47,167,200	47,958,000	49,317,000	49,695,600	43,582,000	47,854,000	44,563,000	44,708,852	47,414,368	594,387,920
12	SALEM (12 KV)	996,100	1,003,100	814,300	816,400	937,570	1,053,797	1,016,300	838,600	889,700	810,900	794,000	781,700	10,752,467
13	SPANISH FORK (46 KV)	8,168,000	8,685,000	7,711,000	7,537,000	7,881,000	8,541,000	8,788,000	7,783,000	8,535,000	8,080,000	8,570,000	8,656,000	98,935,000
14	TOTAL	73,358,153	75,493,529	64,009,449	59,440,686	61,493,827	64,105,646	64,608,748	56,325,426	61,678,279	57,470,655	58,066,250	60,507,851	756,558,499
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	739	635	382	441	576	585	555	542	499	481	478	409	6,322
16	MANTI	2,869	2,943	2,409	2,624	2,777	2,840	2,512	2,564	2,421	2,327	2,870	2,719	31,875
17	NEPHI	5,886	6,093	5,066	5,674	6,908	7,085	6,825	6,575	5,953	5,970	5,408	4,909	72,352
18	PROVO	118,777	119,172	109,418	84,112	91,952	92,792	90,166	86,284	82,713	82,936	84,319	101,305	1,143,946
19	SALEM	2,092	2,117	2,002	1,734	2,199	2,293	2,154	2,042	1,794	1,677	1,640	1,822	23,566
20	SPANISH FORK	15,939	16,400	15,472	13,461	15,322	16,225	16,070	15,448	15,040	15,555	15,467	17,396	187,795
21	TOTAL	146,302	147,360	134,749	108,046	119,734	121,820	118,282	113,455	108,420	108,946	110,182	128,560	1,465,856
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	442,412	309,065	181,934	203,832	256,377	292,402	288,141	231,028	247,073	227,908	213,655	191,422	3,085,249
23	MANTI	1,271,671	1,295,950	1,116,197	1,186,785	1,353,723	1,404,800	1,358,892	1,167,229	1,224,082	1,110,000	1,135,374	1,060,763	14,685,466
24	NEPHI	3,200,877	3,294,859	2,492,410	2,602,049	3,194,606	3,593,031	3,556,627	2,800,050	3,010,063	2,753,405	2,718,365	2,471,297	35,687,639
25	PROVO	59,370,300	60,995,200	51,762,400	47,167,200	47,958,000	49,317,000	49,695,600	43,582,000	47,854,000	44,563,000	44,708,852	47,414,368	594,387,920
26	SALEM	1,008,103	1,015,187	824,112	826,238	948,868	1,066,495	1,028,546	848,705	900,421	820,671	803,568	791,119	10,882,033
27	SPANISH FORK	8,266,424	8,789,654	7,803,918	7,627,821	7,975,966	8,643,919	8,893,895	7,876,785	8,637,847	8,177,364	8,673,269	8,760,305	100,127,167
28	TOTAL	73,559,787	75,699,915	64,180,971	59,613,925	61,687,540	64,317,647	64,821,701	56,505,797	61,873,486	57,652,348	58,253,083	60,689,274	758,855,474

UTAH MUNICIPAL POWER AGENCY
1996 MONTHLY LOAD/ENERGY REQUIREMENTS
YEAR ENDING JUNE 30

Line No.	Member (Meter Voltage)	1995 JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1996 JANUARY	FEBRUARY	MARCH	APRIL	MAY	1996 JUNE	TOTAL
							MEASURED DEMAND-kW							
	MEASURED DEMAND (KW)													
1	LEVAN (12 KV)	611	674	416	453	483	601	551	558	506	455	510	631	6,449
2	MANTI (46 KV)	2,735	3,089	2,785	2,261	2,428	2,698	2,616	2,730	2,536	2,401	2,903	3,425	32,607
3	NEPHI (46 KV)	5,319	5,867	4,997	5,000	5,884	6,444	6,734	6,689	6,147	5,557	4,847	5,199	68,684
4	PROVO (138 KV)	115,618	117,836	113,855	86,857	90,922	92,496	92,625	91,526	86,649	87,973	100,689	114,689	1,191,735
5	SALEM (12 KV)	2,042	2,133	2,060	1,813	2,164	2,393	2,291	2,222	2,077	1,872	1,873	2,243	25,183
6	SPANISH FORK (46 KV)	18,365	19,085	18,989	16,282	17,775	18,351	18,067	17,635	16,742	16,400	17,787	19,925	215,403
7	TOTAL	144,690	148,684	143,102	112,666	119,656	122,983	122,884	121,360	114,657	114,658	128,609	146,112	1,540,061
							MEASURED ENERGY-kWh							
	MEASURED ENERGY (kWh)													
8	LEVAN (12 KV)	311,051	391,044	181,761	202,141	218,330	270,276	276,896	252,855	237,588	207,228	227,551	367,609	3,144,330
9	MANTI (46 KV)	1,177,326	1,285,549	1,107,072	1,115,323	1,192,816	1,343,339	1,368,280	1,246,109	1,220,157	1,092,834	1,198,555	1,249,408	14,596,768
10	NEPHI (46 KV)	2,639,580	3,289,560	2,499,880	2,629,280	2,831,320	3,348,220	3,561,940	3,202,240	2,999,000	2,715,460	2,538,040	2,633,260	34,887,780
11	PROVO (138 KV)	55,693,000	60,786,946	52,742,829	48,658,201	47,086,579	49,812,677	51,387,140	48,058,385	48,675,778	46,170,345	48,204,735	54,794,258	612,070,873
12	SALEM (12 KV)	935,600	1,006,600	852,800	855,700	898,000	1,074,200	1,086,300	1,038,900	960,100	865,100	869,600	1,034,400	11,477,300
13	SPANISH FORK (46 KV)	9,185,000	10,310,000	9,268,000	9,204,900	9,084,000	9,589,000	9,899,000	9,258,000	9,351,000	8,908,900	9,427,800	10,080,000	113,565,600
14	TOTAL	69,941,557	77,069,699	66,652,342	62,665,545	61,311,045	65,437,712	67,579,556	63,056,489	63,443,623	59,959,867	62,466,281	70,158,935	789,742,651
							DEMAND-kW							
	DEMAND AT 138 kV													
15	LEVAN	628	693	428	466	497	618	567	574	520	468	524	649	6,632
16	MANTI	2,784	3,145	2,835	2,302	2,472	2,747	2,663	2,779	2,582	2,444	2,955	3,487	33,195
17	NEPHI	5,415	5,973	5,087	5,090	5,990	6,560	6,855	6,809	6,258	5,657	4,934	5,293	69,921
18	PROVO	115,618	117,836	113,855	86,857	90,922	92,496	92,625	91,526	86,649	87,973	100,689	114,689	1,191,735
19	SALEM	2,067	2,159	2,085	1,835	2,190	2,422	2,319	2,249	2,102	1,895	1,896	2,270	25,489
20	SPANISH FORK	18,586	19,315	19,218	16,478	17,989	18,572	18,285	17,848	16,944	16,598	18,002	20,165	218,000
21	TOTAL	145,098	149,121	143,508	113,028	120,060	123,415	123,314	121,785	115,055	115,035	129,000	146,553	1,544,972
							ENERGY-kWh							
	ENERGY AT 138 kV													
22	LEVAN	319,816	402,064	186,883	207,837	224,483	277,892	284,699	259,980	244,283	213,068	233,963	377,968	3,232,936
23	MANTI	1,198,518	1,308,689	1,126,999	1,135,399	1,214,287	1,367,519	1,392,909	1,268,539	1,242,120	1,112,505	1,220,129	1,271,897	14,859,510
24	NEPHI	2,687,092	3,348,772	2,544,878	2,676,607	2,882,284	3,408,488	3,626,055	3,259,880	3,052,982	2,764,338	2,583,725	2,680,659	35,515,760
25	PROVO	55,693,000	60,786,946	52,742,829	48,658,201	47,086,579	49,812,677	51,387,140	48,058,385	48,675,778	46,170,345	48,204,735	54,794,258	612,070,873
26	SALEM	946,874	1,018,730	863,076	866,011	908,821	1,087,144	1,099,390	1,051,419	971,669	875,524	880,079	1,046,865	11,615,602
27	SPANISH FORK	9,295,679	10,434,236	9,379,679	9,315,819	9,193,462	9,704,547	10,018,283	9,369,559	9,463,680	9,016,252	9,541,405	10,201,464	114,934,065
28	TOTAL	70,140,979	77,299,437	66,844,344	62,859,874	61,509,916	65,658,267	67,808,476	63,267,762	63,650,512	60,152,032	62,664,036	70,373,111	792,228,746

Notes

DATA SOURCES

Sawvel and Associates developed the 10 year load forecast that was discussed in Chapter 4. Data for the annual forecast models were collected from various sources. This Appendix provides a listing of the data collected, the sources and contacts for this data.

1. UMPA Member System Data

A. Historical Peak Demand and Energy Requirements for each UMPA Member
Source: UMPA "Monthly Load/Energy Requirements", July 1981 - November 1993

B. Historical Number of Electric Customers and Revenue from Electricity Sales
Provo Source: Provo Department of Utilities records
Spanish Fork Source: City Administrator records

II. Population

A. Historical Population for Juab, Sanpete and Utah Counties
Source: "1992 Utah Economic and Demographic Profiles", December 1992, Utah, Office of Planning and Budget
Contact: Julie Johnsson, 801-538-1036
Utah Office of Planning and Budget
116 State Capitol Building
Salt Lake City, Utah 84114

B. Historical City Population for UMPA Members
Source: "Population of Incorporated Cities and Towns in Utah". Utah Foundation
Contact: Jim Robson, 801-364-1837
Utah Foundation
10 West 100 South, Suite 323
Salt Lake City, Utah 84101-1544

C. Population Forecasts for Juab, Sanpete and Utah Counties
Source: Projected annual growth rates from "State of Utah, Economic & Demographic Projections", 1992, Utah Office of Planning and Budget
Contact: Julie Johnsson, 801-538-1036
Utah Office of Planning and Budget (see above)

III. Economic Statistics

A. Historical Total Employment and Per Capita Income for Juab, Sanpete and Utah Counties
Source: "State of Utah, Economic & Demographic Projections", 1992, Utah Office of Planning and Budget
Contact: Julie Johnsson, 801-538-1036
Utah Office of Planning and Budget (see above)
Alternate Source: "Key Labor Market Information for Utah", Utah Department of Employment Security
Contact: Ken Jensen, 801-533-2400 Utah Department of Employment Security
174 Social Hall Avenue
P.O. Box 11249
Salt Lake City, Utah 84147-0249

B. Historical City Gross Taxable Sales for UMPA Members
Source: "Gross Taxable Sales and Local Option Sales Tax Allocations to Cities and Counties in Utah", Utah Foundation
Contact: Jim Robson 801-364-1837
Utah Foundation (see above)

C. Employment Forecast for Juab, Sanpete and Utah Counties
Source: Projected annual growth rates from "State of Utah, Economic & Demographic Projections", 1992, Utah Office of Planning and Budget
Contact: Julie Johnsson, 801-538-1036
Utah Office of Planning and Budget (see above)

IV. Weather Data

A. Historical Monthly Degree Days (Heating and Cooling) and Precipitation for Levan, Manti, Nephi, Provo and Spanish Fork
Source: "Climatological Data - Utah"
National Climatic Center
Federal Building
Asheville, North Carolina 28801
704-271-4682

V. Inflation Index

A. Historical Monthly Implicit Price Deflator for Personal Consumption Expenditures (PCE)
Source: "Survey of Current Business"
U. S. Department of Commerce
Bureau of Economic Analysis

III. Economic Statistics

A. Historical Total Employment and Per Capita Income for Juab, Sanpete and Utah Counties
Source: "State of Utah, Economic & Demographic Projections", 1992, Utah Office of Planning and Budget
Contact: Julie Johnsson, 801-538-1036
Utah Office of Planning and Budget (see above)
Alternate Source: "Key Labor Market Information for Utah", Utah Department of Employment Security
Contact: Ken Jensen, 801-533-2400 Utah Department of Employment Security
174 Social Hall Avenue
P.O. Box 11249
Salt Lake City, Utah 84147-0249

B. Historical City Gross Taxable Sales for UMPA Members
Source: "Gross Taxable Sales and Local Option Sales Tax Allocations to Cities and Counties in Utah", Utah Foundation
Contact: Jim Robson 801-364-1837
Utah Foundation (see above)

C. Employment Forecast for Juab, Sanpete and Utah Counties
Source: Projected annual growth rates from "State of Utah, Economic & Demographic Projections", 1992, Utah Office of Planning and Budget
Contact: Julie Johnsson, 801-538-1036
Utah Office of Planning and Budget (see above)

IV. Weather Data

A. Historical Monthly Degree Days (Heating and Cooling) and Precipitation for Levan, Manti, Nephi, Provo and Spanish Fork
Source: "Climatological Data - Utah"
National Climatic Center
Federal Building
Asheville, North Carolina 28801
704-271-4682

V. Inflation Index

A. Historical Monthly Implicit Price Deflator for Personal Consumption Expenditures (PCE)
Source: "Survey of Current Business"
U. S. Department of Commerce
Bureau of Economic Analysis

Notes

[Load and Current Run Data] L-98
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1997-98] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	72206	132.6	93.5	36059
February	64690	132.4	88.6	33805
March	65426	123.5	86.9	35033
April	59833	117.7	61.3	25809
May	62015	128.9	65.8	26507
June	68109	146.6	74.8	29820
July	74287	149.2	76.7	31913
August	76690	153.5	79.1	32087
September	66665	140.8	73.2	28249
October	64776	124.8	82.5	31757
November	64507	128.1	88.4	33191
December	70643	133.9	93.6	35035
	809,846.8	1,612.0		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-mar-98

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 1997-98]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	1.0	25.84							
A PacifiCorp	c	1.25	0.0	18.00	0.0	18.00					
MAY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.4	25.84							
A PacifiCorp	c	1.25	0.0	18.00	0.0	18.00					
JUNE											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.9	25.84							
A PacifiCorp	c	1.25	1.0	18.00	5.0	18.00					
JULY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.8	25.84							
A PacifiCorp	c	2.60	4.0	18.00	23.0	18.00					
AUGUST											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.8	25.84							
A PacifiCorp	c	2.60	4.0	18.00	26.0	18.00					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.4	25.84							
A PacifiCorp	c	2.60	3.0	18.00	24.0	18.00					

[Fiscal Year 1997-98]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.50	0.0	18.00	0.0	18.00					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.50	0.0	18.00	0.0	18.00					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
JANUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	18.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
MARCH											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.25	0.0	18.0	0.0	18.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1997-98] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,290	15,519	0	0	6.0	88.4		
HUNTER	26.0	375,700	6,689	82,277	2,136	4,553	7,432	4,599		74.7		
BONANZA	30.0	417,300	18,795	112,585	8,267	10,528	2,773	32	44.7	52.4		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	93,760	1,440	0	736	704	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	33.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,084	358	342	(0)	0	43.7			
PacifiCorp	0.0											
Total	144.3	1,488,900	59,833	525,897	23,259	36,574	13,884	8,151	< Avg Cost = 33.7 mills			>
MAY												
WAPA	65.8	269,265	26,505	235,898	11,315	15,191	(2)	0	7.0	95.3		
HUNTER	26.0	375,700	7,781	95,705	2,117	5,664	8,491	3,072		77.0		
BONANZA	30.0	417,300	17,395	104,195	7,483	9,912	4,757	168	47.0	54.7		
COVE FORT	4.0	194,640	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	140,640	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	10.0	133,600	3,360	76,306		3,360		0	34.7			
PCP DIESEL	10.0	23,100	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,722	44,495	932	790	28	0	44.7			
PacifiCorp	0.0											
Total	151.2	1,554,246	61,971	560,022	24,702	37,269	17,355	6,600	< Avg Cost = 34.1 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	98.6		
HUNTER	26.0	375,700	9,177	112,874	2,501	6,676	7,067	2,476		78.6		
BONANZA	30.0	417,300	17,737	106,245	7,177	10,560	3,863	0	47.6	56.3		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	140,640	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	34.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,078	53,705	1,052	1,027	22	(0)	44.7			
PacifiCorp	6.0	7,500	737	13,258	385	352	1,823	1,760	55.3	151.7		
Total	166.7	1,598,311	68,109	634,731	23,881	44,227	16,456	7,756	< Avg Cost = 32.8 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,412	20,501	0	0	6.0	98.1		
HUNTER	26.0	375,700	8,900	109,468	3,037	5,862	6,739	3,706		81.5		
BONANZA	31.0	431,210	20,205	121,026	8,797	11,408	2,859	(0)	46.5	58.2		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	93,760	1,488	0	752	736	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	33.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,272	1,061	1,039	(0)	0	43.7			
PacifiCorp	27.0	70,200	3,026	54,462	1,554	1,472	8,598	8,464	54.2	156.5		
Total	189.5	1,635,812	74,287	710,249	28,117	46,170	21,956	15,850	< Avg Cost = 31.6 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,948	20,139	0	0	5.0	100.6		
HUNTER	26.0	375,700	10,760	132,346	4,215	6,545	6,393	2,191		80.5		
BONANZA	31.0	431,210	21,305	127,616	10,889	10,416	1,759	0	45.5	57.2		
COVE FORT	4.0	194,640	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	133,600	3,360	76,306		3,360		0	32.7			
PCP DIESEL	10.0	23,100	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,272	1,152	949	(0)	0	42.7			
PacifiCorp	30.0	78,000	3,358	60,443	2,014	1,344	10,226	8,736	53.2	157.9		
Total	193.9	1,606,757	76,690	739,980	32,257	44,433	22,458	14,287	< Avg Cost = 30.6 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,376	17,873	0	0	5.0	101.7		
HUNTER	26.0	375,700	10,143	124,758	2,803	7,340	6,765	1,812		79.1		
BONANZA	31.0	431,210	17,332	103,819	6,560	10,772	4,848	140	45.1	55.8		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	46,880	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	32.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,740	44,969	885	856	10	(0)	42.7			
PacifiCorp	27.0	70,200	2,081	37,453	1,025	1,056	8,911	8,448	52.8	150.6		
Total	184.6	1,574,678	66,665	645,667	23,489	43,176	24,214	13,921	< Avg Cost = 33.3 mills			>

[Fiscal Year 1997-98] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,697	282,102	12,385	19,311	(60)	0	5.0	94.9		
HUNTER	26.0	375,700	8,185	100,681	2,346	5,840	7,430	3,728		77.7		
BONANZA	30.0	417,300	17,449	104,521	6,569	10,881	4,711	159	47.7	55.4		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	37.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	163.5	1,528,748	64,732	574,299	23,180	41,552	15,841	7,568	<	Avg Cost = 32.5 mills		>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,913	19,278	0	0	5.0	84.2		
HUNTER	26.0	375,700	4,668	57,418	2,592	2,076	7,808	6,244		77.7		
BONANZA	30.0	417,300	19,848	118,887	10,248	9,600	1,752	(0)	47.7	55.4		
COVE FORT	4.0	194,640	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	46,880	720	0	400	320	0	0	0.0			
UP&L SUPP	10.0	133,600	3,200	72,672		3,200		0	37.7			
PCP DIESEL	10.0	23,100	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	169.4	1,552,859	64,507	547,688	28,753	35,753	13,560	9,444	<	Avg Cost = 32.6 mills		>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,332	21,703	0	0	5.0	89.5		
HUNTER	26.0	375,700	6,906	84,944	2,953	3,953	6,823	5,615		78.7		
BONANZA	31.0	431,210	21,302	127,598	9,894	11,408	1,762	0	47.7	55.4		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	37.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	175.6	1,587,816	70,643	611,349	28,059	42,584	12,345	9,295	<	Avg Cost = 31.1 mills		>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,042	22,017	0	0	5.0	89.0		
HUNTER	26.0	375,700	6,595	81,119	3,330	3,265	6,862	5,887		79.7		
BONANZA	31.0	431,210	21,960	131,540	11,048	10,912	1,104	0	48.7	56.4		
COVE FORT	4.0	194,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	146,960	3,872	87,933		3,872		0	37.7			
PCP DIESEL	10.0	23,100	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	176.5	1,600,784	72,206	624,939	30,380	41,826	11,886	9,407	<	Avg Cost = 30.8 mills		>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,674	21,131	0	0	5.0	87.3		
HUNTER	26.0	375,700	5,473	67,318	2,721	2,752	6,431	5,568		78.7		
BONANZA	30.0	417,300	18,532	111,004	8,932	9,600	1,628	(0)	48.7	56.4		
COVE FORT	4.0	74,640	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	46,880	672	0	352	320	0	0	0.0			
UP&L SUPP	11.0	146,960	3,520	79,939		3,520		0	37.7			
PCP DIESEL	10.0	23,100	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	170.6	1,446,984	64,690	562,217	26,087	38,603	11,579	8,768	<	Avg Cost = 31.1 mills		>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,271	21,762	0	0	5.0	84.0		
HUNTER	26.0	375,700	0				10,192	9,152				
BONANZA	30.0	417,300	19,213	115,089	8,653	10,560	3,107	(0)	48.7	56.4		
COVE FORT	4.0	194,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	146,960	3,872	87,933		3,872		0	37.7			
PCP DIESEL	10.0	23,100	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	168.9	1,560,104	61,838	518,238	23,884	37,954	17,219	12,672	<	Avg Cost = 33.6 mills		>

[Fiscal Year 1997-98]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,384	1552014	65,532	108,851	(2)	0	50.2%	
HUNTER	26.0	2254202	53,449	657428	16,809	36,640	42,887	17,856	46.8%	
BONANZA	31.0	2545532	112,769	675485	49,173	63,596	20,859	340	82.8%	
MEI	4.0	1167841	17,568	20203	9,184	8,384	0	0	100.0%	
MEMBER H	3.0	562560	8,784	0	4,592	4,192	0	0	66.7%	
UP&L SUPP	10.0	801601	20,960	476002	0	20,960	0	0	47.7%	
PCP DIESEL	10.0	138600	0	0	0	0	22,960	20,960		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,441	269797	5,439	5,002	60	0	81.5%	
PacifiCorp	30.0	225900	9,201	165616	4,977	4,224	29,559	27,408	7.0%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	196.0	9458704	407,556	3816545	155,706	251,850	116,324	66,564	< Avg Cost = 32.6 mills	>

[Fiscal Year 1997-98]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,820	1822897	79,617	125,203	(60)	0	50.1%	
HUNTER	26.0	2254202	31,828	391480	13,943	17,885	45,545	36,195	28.0%	
BONANZA	31.0	2531622	118,304	708638	55,343	62,961	14,065	159	87.4%	
MEI	4.0	1047841	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	281280	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	11.0	841681	21,824	495623	0	21,824	0	0	45.4%	
PCP DIESEL	10.0	138600	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
PacifiCorp	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	176.6	9277296	398,615	3438731	160,343	238,272	82,430	57,154	< Avg Cost = 31.9 mills	>

[Fiscal Year 1997-98]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,203	3374911	145,149	234,054	(62)	0	46.3%	
HUNTER	26.0	4508404	85,277	1048908	30,752	54,525	88,432	54,051	37.4%	
BONANZA	31.0	5077154	231,072	1384124	104,516	126,557	34,924	499	85.1%	
MEI	4.0	2215682	35,040	40296	18,336	16,704	0	0	100.0%	
MEMBER H	3.0	843841	13,152	0	6,880	6,272	0	0	50.0%	
UP&L SUPP	11.0	1643281	42,784	971625	0	42,784	0	0	44.4%	
PCP DIESEL	10.0	277200	0	0	0	0	45,840	41,760		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,441	269797	5,439	5,002	60	0	40.9%	
PacifiCorp	30.0	225900	9,201	165616	4,977	4,224	29,559	27,408	3.5%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	211.5	18736000	806,171	7255276	316,048	490,122	198,754	123,718	< Avg Cost = 32.2 mills	>

[Load and Current Run Data] L-99
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1998-99] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	73575	135.0	93.5	36059
February	65872	134.7	88.6	33805
March	66644	125.6	86.9	35033
April	60922	119.7	61.3	25809
May	63151	131.0	65.8	26507
June	69313	149.0	74.8	29820
July	75627	151.6	76.7	31913
August	78107	156.1	79.1	32087
September	67910	143.1	73.2	28249
October	66002	126.9	82.5	31757
November	65732	130.4	88.4	33191
December	71981	136.3	93.6	35035
	824,836.7	1,639.4		

Weekday Peak/Offpk hours:
oooooooppppppppppppppppo

Run Date: 1-sep-98

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 1998-99]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	1.0	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					
MAY											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.4	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					
JUNE											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.9	25.94							
A PacifiCorp	c	1.25	3.0	19.75	8.0	19.75					
JULY											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.8	25.94							
A PacifiCorp	c	2.60	12.0	19.75	39.0	19.75					
AUGUST											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.8	25.94							
A PacifiCorp	c	2.60	15.0	19.75	46.0	19.75					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.4	25.94							
A PacifiCorp	c	2.60	12.0	19.75	39.0	19.75					

[Fiscal Year 1998-99]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.50	0.0	19.75	0.0	19.75					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.50	0.0	19.75	0.0	19.75					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
JANUARY											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
MARCH											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1998-99] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,289	15,520	0	0	6.0	90.1		
HUNTER	26.0	408,980	7,166	93,874	2,386	4,780	7,182	4,372		75.7		
BONANZA	30.0	459,900	19,056	117,954	8,524	10,532	2,516	28	45.7	53.4		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	93,760	1,440	0	736	704	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	33.7			
PCP DIESEL	10.0	23,900	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,154	358	342	(0)	0	44.7			
PacifiCorp	0.0											
Total	145.3	1,604,730	60,922	547,752	23,764	37,158	13,378	7,921	< Avg Cost = 35.3 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	11,318	15,189	0	0	7.0	96.9		
HUNTER	26.0	408,980	8,165	106,955	2,288	5,877	8,320	2,859		78.0		
BONANZA	30.0	459,900	17,737	109,792	7,815	9,922	4,425	158	48.0	55.7		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	140,640	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	34.7			
PCP DIESEL	10.0	23,900	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,740	45,124	949	790	10	0	45.7			
PacifiCorp	0.0											
Total	152.2	1,670,076	63,052	582,111	25,226	37,826	16,836	6,377	< Avg Cost = 35.7 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	100.8		
HUNTER	26.0	408,980	8,824	115,597	2,443	6,381	7,125	2,771		81.6		
BONANZA	30.0	459,900	17,630	109,128	7,075	10,555	3,965	5	48.6	59.3		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	140,640	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	34.7			
PCP DIESEL	10.0	23,900	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,087	54,139	1,060	1,027	13	(0)	45.7			
PacifiCorp	11.0	13,750	2,040	40,290	984	1,056	3,064	2,816	56.3	154.7		
Total	172.7	1,720,391	69,313	672,622	24,330	44,983	17,847	9,112	< Avg Cost = 34.5 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,418	20,495	0	0	6.0	100.1		
HUNTER	26.0	408,980	5,541	72,592	2,222	3,319	7,554	6,249		90.5		
BONANZA	31.0	475,230	18,819	116,490	7,458	11,361	4,198	47	47.5	67.2		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	93,760	1,488	0	752	736	0	0	0.0			
UP&L SUPP	11.0	171,710	4,048	88,611		4,048		0	33.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,482	1,061	1,039	(0)	0	44.7			
PacifiCorp	51.0	132,600	8,741	172,631	4,325	4,416	14,851	14,352	55.2			
Total	214.5	1,815,462	75,627	792,254	28,741	46,885	30,363	24,328	< Avg Cost = 34.5 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,925	20,162	0	0	5.0	102.9		
HUNTER	26.0	408,980	6,123	80,216	2,818	3,305	7,790	5,431		92.5		
BONANZA	31.0	475,230	19,321	119,596	8,935	10,386	3,713	30	46.5	69.2		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	32.7			
PCP DIESEL	10.0	23,900	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,482	1,152	949	(0)	0	43.7			
PacifiCorp	61.0	158,600	11,059	218,424	6,019	5,040	18,869	15,456	54.2			
Total	225.9	1,804,607	78,107	842,621	32,890	45,217	34,451	24,277	< Avg Cost = 33.9 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,358	17,892	0	0	5.0	104.0		
HUNTER	26.0	408,980	6,926	90,729	2,147	4,779	7,421	4,373		89.1		
BONANZA	31.0	475,230	16,605	102,785	6,028	10,577	5,380	335	46.1	65.8		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	46,880	720	0	368	352	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	32.7			
PCP DIESEL	10.0	23,900	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,748	45,349	893	856	2	(0)	43.7			
PacifiCorp	51.0	132,600	6,910	136,469	2,686	4,224	16,082	13,728	53.8			
Total	209.6	1,754,329	67,910	714,820	23,951	43,959	32,565	21,956	< Avg Cost = 36.4 mills			>

[Fiscal Year 1998-99] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,745	282,527	12,996	18,749	(12)	0	5.0	96.2		
HUNTER	26.0	408,980	8,622	112,951	2,911	5,711	7,281	3,441		78.7		
BONANZA	30.0	459,900	17,932	110,998	7,495	10,437	4,265	123	48.7	56.4		
COVE FORT	4.0	195,680	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	37.7			
PCP DIESEL	10.0	23,900	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	164.5	1,644,579	65,891	594,657	25,362	40,529	15,454	7,084	< Avg Cost = 34.0 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,164	20,027	0	0	5.0	86.8		
HUNTER	26.0	408,980	5,362	70,245	2,657	2,705	7,327	6,031		78.7		
BONANZA	30.0	459,900	19,882	123,072	9,802	10,080	1,718	0	48.7	56.4		
COVE FORT	4.0	195,680	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	46,880	720	0	384	336	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	37.7			
PCP DIESEL	10.0	23,900	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	170.4	1,668,689	65,732	572,935	27,543	38,188	12,885	9,391	< Avg Cost = 34.1 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,300	21,735	0	0	5.0	91.7		
HUNTER	26.0	408,980	7,688	100,707	3,296	4,392	6,480	5,176		79.7		
BONANZA	31.0	475,230	21,491	133,029	10,083	11,408	1,573	0	48.7	56.4		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	11.0	171,710	4,048	88,611		4,048		0	37.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				3,760	3,680				
Total	186.6	1,724,066	71,981	637,580	28,559	43,423	15,573	12,536	< Avg Cost = 32.8 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,746	21,313	0	0	5.0	90.5		
HUNTER	26.0	408,980	8,069	105,706	4,125	3,944	6,483	4,792		78.7		
BONANZA	31.0	475,230	22,367	138,452	11,951	10,416	697	(0)	47.7	55.4		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	156,100	3,360	73,550		3,360		0	37.7			
PCP DIESEL	10.0	23,900	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				4,080	3,360				
Total	185.5	1,708,064	73,575	642,056	32,863	40,712	15,340	11,512	< Avg Cost = 31.9 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,654	21,151	0	0	5.0	89.4		
HUNTER	26.0	408,980	6,778	88,797	3,060	3,719	6,092	4,601		77.7		
BONANZA	30.0	459,900	18,729	115,930	9,129	9,600	1,431	0	47.7	55.4		
COVE FORT	4.0	195,680	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	46,880	672	0	352	320	0	0	0.0			
UP&L SUPP	10.0	156,100	3,200	70,048		3,200		0	37.7			
PCP DIESEL	10.0	23,900	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				3,520	3,200				
Total	179.6	1,672,844	65,872	578,731	26,602	39,270	14,564	11,001	< Avg Cost = 34.2 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,649	22,384	0	0	5.0	86.8		
HUNTER	26.0	408,980	5,137	67,297	1,810	3,327	7,966	6,241		77.7		
BONANZA	30.0	459,900	19,073	118,064	8,033	11,040	3,247	0	47.7	55.4		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	156,100	3,680	80,555		3,680		0	37.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	167.9	1,646,965	66,644	581,132	24,372	42,271	14,972	9,921	< Avg Cost = 33.4 mills			>

[Fiscal Year 1998-99]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,499	108,886	0	0	50.2%
HUNTER	26.0	2453882	42,745	559964	14,305	28,441	45,391	26,055	37.4%
BONANZA	31.0	2805392	109,167	675745	45,836	63,332	24,196	604	80.2%
MEI	4.0	1174081	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	562560	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	11.0	1030261	23,056	504696	0	23,056	0	0	47.7%
PCP DIESEL	10.0	143400	0	0	0	0	22,960	20,960	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,475	271730	5,473	5,002	26	0	81.8%
PacifiCorp	61.0	437550	28,750	567813	14,014	14,736	52,866	46,352	10.7%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	228.0	10369595	414,931	4152180	158,902	256,029	145,439	93,971	< Avg Cost = 35.0 mills >

[Fiscal Year 1998-99]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,868	1823322	79,510	125,358	(12)	0	50.1%
HUNTER	26.0	2453882	41,657	545704	17,859	23,797	41,629	30,283	36.7%
BONANZA	31.0	2790062	119,474	739544	56,493	62,981	12,931	123	88.2%
MEI	4.0	1174081	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	281280	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	11.0	983431	21,856	478428	0	21,856	0	0	45.5%
PCP DIESEL	10.0	143400	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	10.0	57000	0	0	0	0	11,360	10,240	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	186.6	10065206	409,695	3607091	165,302	244,393	88,787	61,445	< Avg Cost = 33.4 mills >

[Fiscal Year 1998-99]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,253	3375350	145,009	234,244	(12)	0	46.3%
HUNTER	26.0	4907764	84,402	1105668	32,164	52,238	87,020	56,338	37.1%
BONANZA	31.0	5595454	228,641	1415290	102,328	126,313	37,128	727	84.2%
MEI	4.0	2348162	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	843841	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	11.0	2013692	44,912	983124	0	44,912	0	0	46.6%
PCP DIESEL	10.0	286800	0	0	0	0	45,840	41,760	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,475	271730	5,473	5,002	26	0	41.0%
PacifiCorp	61.0	494550	28,750	567813	14,014	14,736	64,226	56,592	5.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	242.5	20434801	824,626	7759271	324,204	500,421	234,227	155,417	< Avg Cost = 34.2 mills >

[Load and Current Run Data] L-00
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1999-00] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	75005	137.4	93.5	36059
February	67105	137.0	88.6	33805
March	67914	127.9	86.9	35033
April	62065	121.8	61.3	25809
May	64343	133.3	65.8	26507
June	70575	151.4	74.8	29820
July	77022	154.2	76.7	31913
August	79585	158.7	79.1	32087
September	69210	145.6	73.2	28249
October	67283	129.2	82.5	31757
November	67012	132.7	88.4	33191
December	73379	138.7	93.6	35035
	840,499.8	1,667.9		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-mar-00

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

[Fiscal Year 1999-00]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	2.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	1.0	26.03							
A PacifiCorp	c	1.25	0.0	21.75	0.0	21.75					
MAY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	3.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.4	26.03							
A PacifiCorp	c	1.25	0.0	21.75	0.0	21.75					
JUNE											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	3.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.9	26.03							
A PacifiCorp	c	1.25	8.0	21.75	12.0	21.75					
JULY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	2.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.8	26.03							
A PacifiCorp	c	2.60	20.0	21.75	28.0	21.75					
AUGUST											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.8	22.03							
A PacifiCorp	c	2.60	24.0	21.75	36.0	21.75					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.4	22.03							
A PacifiCorp	c	2.60	20.0	21.75	28.0	21.75					

[Fiscal Year 1999-00]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.50	0.0	21.75	0.0	21.75					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.50	3.0	21.75	6.0	21.75					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	4.0	21.75	8.0	21.75					
JANUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	8.0	21.75	10.0	21.75					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	8.0	21.75	10.0	21.75					
MARCH											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.25	2.0	21.75	6.0	21.75					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1999-00] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,772	15,037	0	0	6.0	91.6		
HUNTER	26.0	377,000	8,252	108,098	2,848	5,403	7,136	3,333		74.7		
BONANZA	30.0	438,600	19,582	125,323	9,502	10,080	2,018	0	44.7	52.4		
COVE FORT	4.0	198,640	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	63,200	1,440	0	768	672	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	33.7			
PCP DIESEL	10.0	24,700	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,217	373	327	(0)	0	43.7			
PacifiCorp	0.0											
Total	144.3	1,521,440	62,022	558,704	25,800	36,223	12,994	6,693	<	Avg Cost = 33.5 mills		>
MAY												
WAPA	65.8	269,265	26,474	235,616	10,380	16,094	(33)	0	7.0	100.8		
HUNTER	26.0	377,000	9,948	130,322	1,922	8,026	7,854	1,542		77.0		
BONANZA	30.0	438,600	17,219	110,203	6,360	10,859	4,920	181	47.0	54.7		
COVE FORT	4.0	198,640	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	94,800	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	10.0	168,500	3,680	81,107		3,680		0	34.7			
PCP DIESEL	10.0	24,700	125	5,629	125	0	3,635	3,680		141.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,690	43,979	824	866	60	0	44.7			
PacifiCorp	0.0											
Total	151.2	1,571,506	64,343	610,278	22,242	42,101	16,436	5,402	<	Avg Cost = 33.9 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,648	19,172	0	0	7.0	101.4		
HUNTER	26.0	377,000	7,564	99,090	2,522	5,043	7,462	3,693		85.6		
BONANZA	30.0	438,600	17,429	111,543	7,364	10,065	4,156	15	47.6	63.3		
COVE FORT	4.0	198,640	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	94,800	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	34.7			
PCP DIESEL	10.0	24,700	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	54,669	1,120	980	0	(0)	44.7			
PacifiCorp	20.0	25,000	5,262	114,455	2,574	2,688	5,106	4,032	55.3			
Total	180.7	1,633,071	70,575	722,523	26,916	43,659	20,564	11,100	<	Avg Cost = 33.4 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	12,098	19,815	0	0	6.0	101.9		
HUNTER	26.0	377,000	3,118	40,851	1,633	1,485	8,559	7,667		97.5		
BONANZA	31.0	453,220	17,906	114,597	7,141	10,764	5,011	148	46.5	74.2		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	63,200	1,488	0	784	704	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	33.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,671	1,107	994	(0)	0	43.7			
PacifiCorp	48.0	124,800	14,001	304,514	6,961	7,040	11,855	9,856	54.2			
Total	210.5	1,723,662	77,022	879,662	31,292	45,730	29,345	21,191	<	Avg Cost = 33.8 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,261	20,826	0	0	5.0	106.1		
HUNTER	26.0	377,000	3,387	44,367	1,528	1,859	8,664	7,293		100.5		
BONANZA	31.0	453,220	17,890	114,498	7,151	10,740	5,001	172	45.5	77.2		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	35.5			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	46,270	1,107	994	(0)	0	32.7			
PacifiCorp	60.0	156,000	16,881	367,158	8,433	8,448	15,087	12,672	53.2			
Total	223.9	1,733,287	79,585	938,870	31,440	48,146	32,672	23,658	<	Avg Cost = 33.6 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,350	17,899	0	0	5.0	106.2		
HUNTER	26.0	377,000	4,629	60,639	1,439	3,190	8,129	5,962		96.1		
BONANZA	31.0	453,220	16,236	103,907	5,779	10,457	5,629	455	45.1	72.8		
COVE FORT	4.0	198,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	31,600	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	35.1			
PCP DIESEL	10.0	24,700	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	38,560	895	856	0	(0)	32.7			
PacifiCorp	48.0	124,800	11,226	244,169	4,186	7,040	13,478	9,856	52.8			
Total	205.6	1,677,808	69,210	779,584	24,489	44,721	30,916	19,793	<	Avg Cost = 35.5 mills		>

[Fiscal Year 1999-00] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	13,579	18,178	0	0	5.0	97.6		
HUNTER	26.0	377,000	9,620	126,022	3,409	6,211	7,199	2,525		77.7		
BONANZA	30.0	438,600	18,624	119,192	8,578	10,046	3,662	34	47.7	55.4		
COVE FORT	4.0	198,640	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	31,600	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	37.7			
PCP DIESEL	10.0	24,700	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	163.5	1,576,569	67,081	605,328	27,606	39,475	14,941	5,919	< Avg Cost = 32.5 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,499	20,692	0	0	5.0	89.5		
HUNTER	26.0	377,000	6,860	89,868	2,715	4,145	6,853	5,007		77.7		
BONANZA	30.0	438,600	19,840	126,979	9,280	10,560	1,760	(0)	47.7	55.4		
COVE FORT	4.0	198,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	31,600	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	37.7			
PCP DIESEL	10.0	24,700	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	9.0	13,500	0				3,312	3,168				
Total	178.4	1,614,179	67,012	593,139	26,334	40,678	15,605	11,695	< Avg Cost = 32.9 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,268	21,767	0	0	5.0	94.0		
HUNTER	26.0	377,000	9,267	121,398	3,668	5,599	6,108	3,969		78.7		
BONANZA	31.0	453,220	21,677	138,734	10,269	11,408	1,387	0	47.7	55.4		
COVE FORT	4.0	198,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	31,600	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	168,500	3,680	81,107		3,680		0	37.7			
PCP DIESEL	10.0	24,700	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	22,800	0				4,512	4,416				
Total	187.6	1,659,146	73,379	656,474	29,085	44,294	15,766	12,065	< Avg Cost = 31.6 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,917	22,142	0	0	5.0	93.0		
HUNTER	26.0	377,000	9,959	130,459	4,224	5,735	5,968	3,417		76.7		
BONANZA	31.0	453,220	22,451	143,686	11,539	10,912	613	(0)	45.7	53.4		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	134,800	2,816	62,065		2,816		0	37.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	18.0	34,200	0				7,056	6,336				
Total	191.5	1,636,454	75,005	660,557	31,640	43,365	17,557	13,273	< Avg Cost = 30.6 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,634	21,171	0	0	5.0	91.5		
HUNTER	26.0	377,000	8,452	110,724	3,421	5,031	5,731	3,289		75.7		
BONANZA	30.0	438,600	18,928	121,141	9,328	9,600	1,232	0	45.7	53.4		
COVE FORT	4.0	198,640	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	31,600	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	134,800	2,560	56,422		2,560		0	37.7			
PCP DIESEL	10.0	24,700	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	18.0	34,200	0				6,336	5,760				
Total	185.6	1,601,944	67,105	592,242	27,144	39,962	16,819	12,249	< Avg Cost = 32.7 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,323	21,710	0	0	5.0	87.9		
HUNTER	26.0	377,000	6,672	87,400	2,410	4,262	7,782	4,890		75.7		
BONANZA	30.0	438,600	19,673	125,910	9,113	10,560	2,647	0	45.7	53.4		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	134,800	2,816	62,065		2,816		0	37.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	8.0	10,000	0				3,136	2,816				
Total	173.9	1,570,865	67,914	590,590	26,806	41,108	17,485	11,226	< Avg Cost = 31.8 mills			>

[Fiscal Year 1999-00]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,352	1551731	65,509	108,843	(33)	0	50.2%
HUNTER	26.0	2262002	36,898	483365	11,892	25,006	47,804	29,490	32.3%
BONANZA	31.0	2675462	106,261	680071	43,296	62,965	26,736	971	78.0%
MEI	4.0	1191841	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	379200	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	10.0	1011001	20,960	461958	0	20,960	0	0	47.7%
PCP DIESEL	10.0	148200	125	5629	125	0	22,835	20,960	0.3%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,441	256366	5,425	5,015	60	0	81.5%
PacifiCorp	60.0	430600	47,370	1030296	22,154	25,216	45,526	36,416	18.0%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	226.0	9860775	422,758	4489621	162,178	260,581	142,928	87,837	< Avg Cost = 33.9 mills >

[Fiscal Year 1999-00]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	79,219	125,661	0	0	50.1%
HUNTER	26.0	2262002	50,830	665870	19,847	30,983	39,641	23,097	44.8%
BONANZA	31.0	2660842	121,194	775641	58,108	63,086	11,300	34	89.5%
MEI	4.0	1191841	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	189600	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	10.0	909901	18,752	413294	0	18,752	0	0	42.9%
PCP DIESEL	10.0	148200	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	18.0	114700	0	0	0	0	24,352	22,496	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	193.6	9659156	417,496	3698330	168,615	248,881	98,173	66,428	< Avg Cost = 32.0 mills >

[Fiscal Year 1999-00]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,232	3375163	144,729	234,503	(33)	0	46.3%
HUNTER	26.0	4524004	87,728	1149236	31,739	55,989	87,445	52,587	38.5%
BONANZA	31.0	5336304	227,455	1455712	101,404	126,051	38,036	1,005	83.8%
MEI	4.0	2383682	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	568800	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	10.0	1920902	39,712	875252	0	39,712	0	0	45.3%
PCP DIESEL	10.0	296400	125	5629	125	0	45,715	41,760	0.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,441	256366	5,425	5,015	60	0	40.9%
PacifiCorp	60.0	545300	47,370	1030296	22,154	25,216	69,878	58,912	9.0%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	240.5	19519931	840,254	8187951	330,792	509,462	241,101	154,265	< Avg Cost = 33.0 mills >

[Load and Current Run Data] L-01
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2000-01] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	76507	139.9	93.5	36059
February	68401	139.4	88.6	33805
March	69249	130.2	86.9	35033
April	63260	124.0	61.3	25809
May	65589	135.6	65.8	26507
June	71892	154.0	74.8	29820
July	78487	156.9	76.7	31913
August	81138	161.5	79.1	32087
September	70576	148.2	73.2	28249
October	68631	131.5	82.5	31757
November	68358	135.1	88.4	33191
December	74849	141.3	93.6	35035
	856,936.5	1,697.6		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-sep-00

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2000-01]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	1.0	26.13							
A PacifiCorp	c	1.25	4.0	24.0	5.0	24.0					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.4	26.13							
A PacifiCorp	c	1.25	0.0	24.0	0.0	24.0					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.9	26.13							
A PacifiCorp	c	1.25	16.0	24.0	14.0	24.0					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.8	26.13							
A PacifiCorp	c	2.60	32.0	24.0	28.0	24.0					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.8	26.13							
A PacifiCorp	c	2.60	40.0	24.0	35.0	24.0					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.4	26.13							
A PacifiCorp	c	2.60	23.0	24.0	22.0	24.0					

[Fiscal Year 2000-01]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.50	0.0	24.0	0.0	24.0					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.50	4.0	24.0	5.0	24.0					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	7.0	24.0	8.0	24.0					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	13.0	24.0	11.0	24.0					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	12.0	24.0	12.0	24.0					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.25	5.0	24.0	4.0	24.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

{Fiscal Year 2000-01} SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,282	15,527	0	0	6.0	93.9		
HUNTER	26.0	378,560	7,993	108,702	2,272	5,721	7,296	3,431		76.7		
BONANZA	30.0	505,200	18,754	124,152	8,198	10,556	2,842	4	42.7	54.4		
COVE FORT	4.0	201,280	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	33.7			
PCP DIESEL	10.0	25,500	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,287	358	342	(0)	0	41.7			
PacifiCorp	9.0	11,250	2,868	68,835	1,460	1,408	1,852	1,760	50.4			
Total	151.3	1,569,990	63,260	617,389	24,777	38,483	15,670	8,715	< Avg Cost = 34.6 mills			>
MAY												
WAPA	65.8	269,265	26,493	235,792	10,399	16,094	(14)	0	7.0	102.8		
HUNTER	26.0	378,560	10,900	148,240	2,065	8,835	7,711	733		75.0		
BONANZA	30.0	505,200	17,610	116,579	6,671	10,939	4,609	101	45.0	52.7		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	85,620	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	34.7			
PCP DIESEL	10.0	25,500	731	34,272	190	540	3,570	3,140		101.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,703	44,496	837	866	47	0	42.7			
PacifiCorp	0.0											
Total	149.2	1,605,746	65,589	650,130	22,795	42,794	15,923	3,974	< Avg Cost = 34.4 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	11,142	18,678	0	0	7.0	102.8		
HUNTER	26.0	378,560	5,303	72,124	1,856	3,447	8,544	4,873		91.6		
BONANZA	30.0	505,200	16,782	111,098	7,234	9,549	4,766	51	45.6	69.3		
COVE FORT	4.0	201,280	2,880	3,312	1,600	1,280	0	0	3.0			
MEMBER H	3.0	85,620	2,160	0	1,200	960	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	34.7			
PCP DIESEL	10.0	25,500	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	54,879	1,167	933	0	(0)	42.7			
PacifiCorp	30.0	37,500	10,287	246,879	5,167	5,120	6,833	4,480	53.3			
Total	188.7	1,679,811	71,892	812,237	29,365	42,527	24,144	12,604	< Avg Cost = 34.7 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,940	19,973	0	0	6.0	104.5		
HUNTER	26.0	378,560	516	7,017	514	2	9,678	9,150		156.5		
BONANZA	31.0	522,040	15,765	104,367	6,154	9,612	5,998	1,300	44.5	84.2		
COVE FORT	4.0	201,280	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,488	0	784	704	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	33.7			
PCP DIESEL	10.0	25,500	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,881	1,107	994	(0)	0	41.7			
PacifiCorp	60.0	156,000	20,912	501,891	9,648	11,264	13,872	9,856	52.2			
Total	220.5	1,794,382	78,487	1,020,007	31,714	46,773	33,468	23,826	< Avg Cost = 35.9 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,725	21,362	0	0	5.0	109.4		
HUNTER	26.0	378,560	130	1,768	130	0	9,646	9,568		165.9		
BONANZA	31.0	522,040	14,481	95,863	5,336	9,145	6,320	2,263	43.5	91.2		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	32.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,881	1,061	1,039	(0)	0	40.7			
PacifiCorp	75.0	195,000	25,676	616,219	10,956	14,720	17,244	12,880	51.2			
Total	236.9	1,814,867	81,138	1,125,057	30,088	51,049	36,970	28,391	< Avg Cost = 36.2 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	11,414	16,835	0	0	5.0	106.9		
HUNTER	26.0	378,560	4,540	61,742	1,665	2,875	8,735	5,445		97.1		
BONANZA	31.0	522,040	16,475	109,066	6,905	9,570	5,495	350	43.1	73.8		
COVE FORT	4.0	201,280	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	28,540	720	0	400	320	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	32.7			
PCP DIESEL	10.0	25,500	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,736	972	778	0	(0)	40.7			
PacifiCorp	45.0	117,000	13,402	321,646	6,042	7,360	11,958	7,040	50.8			
Total	200.6	1,712,588	70,576	851,467	28,998	41,579	30,189	16,034	< Avg Cost = 36.3 mills			>

[Fiscal Year 2000-01] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,748	282,554	12,402	19,346	(9)	0	5.0	101.4		
HUNTER	26.0	378,560	11,646	158,391	2,881	8,765	6,895	803		75.7		
BONANZA	30.0	505,200	18,238	120,735	7,216	11,022	4,064	18	45.7	53.4		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	37.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	161.5	1,616,929	68,296	632,431	24,379	43,917	14,710	4,500	< Avg Cost = 32.9 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,536	20,655	0	0	5.0	91.2		
HUNTER	26.0	378,560	8,510	115,741	3,086	5,425	6,482	3,727		75.7		
BONANZA	30.0	505,200	20,240	133,990	9,680	10,560	1,360	0	45.7	53.4		
COVE FORT	4.0	201,280	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	28,540	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	37.7			
PCP DIESEL	10.0	25,500	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	9.0	13,500	0				3,312	3,168				
Total	176.4	1,654,539	68,358	612,845	27,142	41,215	14,834	10,415	< Avg Cost = 33.2 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,742	20,293	0	0	5.0	95.2		
HUNTER	26.0	378,560	11,114	151,157	4,930	6,185	5,678	2,551		76.7		
BONANZA	31.0	522,040	22,248	147,285	11,832	10,416	816	(0)	45.7	53.4		
COVE FORT	4.0	201,280	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	140,320	2,688	61,475		2,688		0	37.7			
PCP DIESEL	10.0	25,500	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	15.0	28,500	0				6,120	5,040				
Total	188.6	1,707,426	74,806	675,150	33,544	41,262	16,694	10,951	< Avg Cost = 31.9 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,191	22,868	0	0	5.0	96.0		
HUNTER	26.0	378,560	11,244	152,913	4,165	7,078	5,611	2,490		76.7		
BONANZA	31.0	522,040	22,432	148,499	11,024	11,408	632	(0)	45.7	53.4		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	37.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	24.0	45,600	0				9,024	8,832				
Total	197.5	1,724,134	76,398	693,089	30,261	46,138	19,027	15,002	< Avg Cost = 31.6 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,614	21,191	0	0	5.0	93.7		
HUNTER	26.0	378,560	9,558	129,988	3,823	5,735	5,329	2,585		75.7		
BONANZA	30.0	505,200	19,118	126,561	9,518	9,600	1,042	0	45.7	53.4		
COVE FORT	4.0	201,280	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	28,540	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	37.7			
PCP DIESEL	10.0	25,500	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	24.0	45,600	0				8,448	7,680				
Total	191.6	1,687,404	68,401	619,052	27,714	40,686	18,339	13,465	< Avg Cost = 33.7 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,942	21,091	0	0	5.0	89.2		
HUNTER	26.0	378,560	7,548	102,651	3,015	4,533	7,593	4,203		75.7		
BONANZA	30.0	505,200	20,260	134,123	10,180	10,080	2,060	(0)	45.7	53.4		
COVE FORT	4.0	201,280	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	140,320	2,688	61,475		2,688		0	37.7			
PCP DIESEL	10.0	25,500	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	9.0	11,250	0				3,672	3,024				
Total	174.9	1,646,175	69,249	613,465	29,177	40,072	17,405	10,587	< Avg Cost = 32.6 mills			>

[Fiscal Year 2000-01]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,372	1551908	65,903	108,469	(14)	0	50.2%
HUNTER	26.0	2271362	29,382	399592	8,501	20,880	51,611	33,200	25.7%
BONANZA	31.0	3081722	99,868	661126	40,496	59,372	30,032	4,068	73.4%
COVE FORT	4.0	1207681	17,568	20203	9,248	8,320	0	0	100.0%
MEMBER H	3.0	342480	8,784	0	4,624	4,160	0	0	66.7%
UP&L SUPP	8.0	841921	16,640	380557	0	16,640	0	0	47.4%
PCP DIESEL	10.0	153000	731	34272	190	540	22,930	20,260	1.7%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,454	273160	5,502	4,952	47	0	81.6%
PacifiCorp	75.0	516750	73,145	1755470	33,273	39,872	51,759	36,016	22.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	239.0	10177385	430,943	5076288	167,738	263,205	156,365	93,544	< Avg Cost = 35.4 mills >

[Fiscal Year 2000-01]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,871	1823349	79,428	125,443	(9)	0	50.1%
HUNTER	26.0	2271362	59,621	810841	21,899	37,721	37,589	16,359	52.5%
BONANZA	31.0	3064882	122,537	811192	59,450	63,086	9,974	18	90.5%
COVE FORT	4.0	1207681	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	171240	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	841921	16,640	380557	0	16,640	0	0	47.6%
PCP DIESEL	10.0	153000	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	24.0	144450	0	0	0	0	30,576	27,744	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	197.6	10036606	425,508	3846032	172,218	253,290	101,009	64,920	< Avg Cost = 32.6 mills >

[Fiscal Year 2000-01]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,242	3375257	145,331	233,911	(23)	0	46.3%
HUNTER	26.0	4542724	89,002	1210433	30,401	58,602	89,199	49,558	39.1%
BONANZA	31.0	6146605	222,405	1472318	99,946	122,458	40,006	4,086	81.9%
COVE FORT	4.0	2415362	35,040	40296	18,400	16,640	0	0	100.0%
MEMBER H	3.0	513720	13,152	0	6,912	6,240	0	0	50.0%
UP&L SUPP	8.0	1683841	33,280	761114	0	33,280	0	0	47.5%
PCP DIESEL	10.0	306000	731	34272	190	540	45,810	41,060	0.8%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,454	273160	5,502	4,952	47	0	40.9%
PacifiCorp	75.0	661201	73,145	1755470	33,273	39,872	82,335	63,760	11.1%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	253.5	20213991	856,451	8922320	339,956	516,495	257,374	158,464	< Avg Cost = 34.0 mills >

[Load and Current Run Data] L-02
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2001-02] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	78079	142.5	93.5	36059
February	69756	142.0	88.6	33805
March	70646	132.7	86.9	35033
April	64516	126.3	61.3	25809
May	66899	138.0	65.8	26507
June	73276	156.6	74.8	29820
July	80018	159.7	76.7	31913
August	82762	164.4	79.1	32087
September	72007	150.9	73.2	28249
October	70042	133.9	82.5	31757
November	69771	137.7	88.4	33191
December	76387	144.0	93.6	35035
	874,160.3	1,728.6		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-02

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2001-02]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	1.0	26.23							
A PacifiCorp	c	1.25	5.0	24.0	5.0	24.0					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.4	26.23							
A PacifiCorp	c	1.25	3.0	24.0	3.0	24.0					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.9	26.23							
A PacifiCorp	c	1.25	17.0	24.0	17.0	24.0					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.8	26.23							
A PacifiCorp	c	2.60	30.0	24.0	30.0	24.0					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.8	26.23							
A PacifiCorp	c	2.60	34.0	24.0	44.0	24.0					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.4	26.23							
A PacifiCorp	c	2.60	30.0	24.0	20.0	24.0					

[Fiscal Year 2001-02]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FOR6T	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.50	3.0	24.0	4.0	24.0					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.50	5.0	24.0	5.0	24.0					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	8.0	24.0	9.0	24.0					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	14.0	24.0	13.0	24.0					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	13.0	24.0	14.0	24.0					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.25	5.0	24.0	4.0	24.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2001-02] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,273	15,536	0	0	6.0	96.0		
HUNTER	26.0	398,840	8,469	119,413	2,367	6,102	7,201	3,050		77.7		
BONANZA	30.0	461,700	18,801	128,598	8,241	10,559	2,799	1	42.7	55.4		
COVE FORT	4.0	204,840	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	33.7			
PCP DIESEL	10.0	26,400	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,357	358	342	(0)	0	41.7			
PacifiCorp	10.0	12,500	3,601	86,436	1,841	1,760	1,839	1,760	50.4	137.3		
Total	152.3	1,558,000	64,516	652,696	25,288	39,228	15,518	8,331	< Avg Cost = 34.3 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,856	15,651	0	0	7.0	104.2		
HUNTER	26.0	398,840	10,746	151,518	2,311	8,435	7,881	717		78.0		
BONANZA	30.0	461,700	17,729	121,269	7,276	10,453	4,484	107	45.0	55.7		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	3.0			
MEMBER H	3.0	85,620	2,232	0	1,176	1,056	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	34.7			
PCP DIESEL	10.0	26,400	73	3,575	73	0	3,847	3,520		145.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,740	45,641	912	828	10	0	42.7			
PacifiCorp	6.0	7,500	2,080	49,916	983	1,097	1,369	1,015	52.7	104.0		
Total	155.2	1,600,006	66,899	678,134	25,156	41,743	17,590	5,360	< Avg Cost = 34.1 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,635	19,185	0	0	7.0	106.5		
HUNTER	26.0	398,840	6,085	85,798	1,664	4,421	8,320	4,315		92.6		
BONANZA	30.0	461,700	16,720	114,362	6,698	10,022	4,822	58	45.6	70.3		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	85,620	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	34.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,089	1,120	980	0	(0)	42.7			
PacifiCorp	34.0	42,500	10,823	259,750	5,111	5,712	7,945	5,712	53.3			
Total	192.7	1,671,571	73,276	847,549	27,915	45,361	24,928	13,445	< Avg Cost = 34.4 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,315	20,598	0	0	6.0	107.4		
HUNTER	26.0	398,840	1,599	22,546	917	682	8,859	8,886		105.5		
BONANZA	31.0	477,090	17,070	116,756	5,938	11,131	5,718	277	44.5	82.2		
COVE FORT	4.0	204,840	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	57,080	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	33.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,091	1,061	1,039	(0)	0	41.7			
PacifiCorp	60.0	156,000	19,928	478,268	8,888	11,040	13,672	11,040	52.2			
Total	220.5	1,779,692	80,018	1,030,029	30,376	49,642	32,008	23,883	< Avg Cost = 35.1 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,312	20,775	0	0	5.0	111.1		
HUNTER	26.0	398,840	1,765	24,893	885	881	9,307	8,271		108.5		
BONANZA	31.0	477,090	17,178	117,497	6,544	10,634	5,608	278	43.5	85.2		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	28,540	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	32.7			
PCP DIESEL	10.0	26,400	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,091	1,107	994	(0)	0	40.7			
PacifiCorp	78.0	202,800	23,095	554,291	11,127	11,968	19,449	15,488	51.2			
Total	239.9	1,807,977	82,762	1,107,649	32,935	49,827	38,284	27,558	< Avg Cost = 35.2 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,845	17,405	0	0	5.0	110.1		
HUNTER	26.0	398,840	2,686	37,867	896	1,790	9,088	6,946		104.1		
BONANZA	31.0	477,090	16,026	109,618	6,097	9,929	5,807	487	43.1	80.8		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	28,540	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	32.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,911	934	817	0	(0)	40.7			
PacifiCorp	50.0	130,000	17,008	408,195	6,940	10,068	12,260	6,732	50.8			
Total	205.6	1,710,898	72,007	920,160	27,631	44,377	30,995	17,525	< Avg Cost = 36.5 mills			>

[Fiscal Year 2001-02] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,756	282,630	12,409	19,348	(1)	0	5.0	103.7		
HUNTER	26.0	398,840	12,012	169,374	3,063	8,949	6,713	619		75.7		
BONANZA	30.0	461,700	18,519	126,668	7,485	11,033	3,795	7	45.7	53.4		
COVE FOR6	4.0	204,840	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	37.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	7.0	10,500	0				2,632	2,576				
Total	168.5	1,614,189	68,951	652,014	24,837	44,114	16,899	6,881	< Avg Cost = 32.9 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,195	19,996	0	0	5.0	93.0		
HUNTER	26.0	398,840	9,714	136,974	3,913	5,801	6,071	2,935		75.7		
BONANZA	30.0	461,700	20,577	140,747	10,497	10,080	1,023	0	45.7	53.4		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	28,540	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	37.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	15,000	0				3,840	3,360				
Total	177.4	1,642,799	69,771	640,273	29,525	40,246	14,774	9,655	< Avg Cost = 32.7 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,970	21,065	0	0	5.0	97.7		
HUNTER	26.0	398,840	12,158	171,422	4,768	7,390	5,424	1,762		76.7		
BONANZA	31.0	477,090	22,389	153,143	11,477	10,912	675	0	45.7	53.4		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	28,540	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	37.7			
PCP DIESEL	10.0	26,400	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	17.0	32,300	0				6,664	5,984				
Total	190.6	1,696,536	76,118	706,679	32,176	43,942	16,683	11,266	< Avg Cost = 31.6 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,170	22,889	0	0	5.0	98.4		
HUNTER	26.0	398,840	12,413	175,030	4,449	7,964	5,327	1,604		76.7		
BONANZA	31.0	477,090	22,614	154,680	11,206	11,408	450	0	45.7	53.4		
COVE FORT	4.0	204,840	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	37.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	51,300	0				10,152	9,936				
Total	200.5	1,715,144	77,750	723,977	30,705	47,045	19,689	15,220	< Avg Cost = 31.4 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,593	21,212	0	0	5.0	96.0		
HUNTER	26.0	398,840	10,524	148,395	4,055	6,470	5,097	1,850		75.7		
BONANZA	30.0	461,700	19,303	132,031	9,703	9,600	857	(0)	45.7	53.4		
COVE FORT	4.0	204,840	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	28,540	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	145,840	2,560	60,800		2,560		0	37.7			
PCP DIESEL	10.0	26,400	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	51,300	0				9,504	8,640				
Total	194.6	1,679,864	69,552	645,181	28,110	41,442	18,978	13,690	< Avg Cost = 33.4 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,908	21,125	0	0	5.0	91.6		
HUNTER	26.0	398,840	8,751	123,389	3,413	5,338	7,195	3,398		75.7		
BONANZA	30.0	461,700	20,454	139,906	10,374	10,080	1,866	(0)	45.7	53.4		
COVE FORT	4.0	204,840	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	37.7			
PCP DIESEL	10.0	26,400	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	9.0	11,250	0				3,672	3,024				
Total	174.9	1,632,935	70,646	642,351	29,735	40,911	16,812	9,782	< Avg Cost = 32.2 mills			>

[Fiscal Year 2001-02]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,235	109,150	0	0	50.2%
HUNTER	26.0	2393042	31,350	442034	9,040	22,310	50,656	32,186	27.5%
BONANZA	31.0	2816372	103,523	708100	40,795	62,728	29,237	1,208	76.0%
MEI	4.0	1229041	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	342480	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	8.0	875041	16,768	398240	0	16,768	0	0	47.7%
PCP DIESEL	10.0	158400	73	3575	73	0	22,887	20,960	0.2%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,491	275180	5,492	5,000	10	0	81.9%
PacifiCorp	78.0	551300	76,536	1836857	34,891	41,645	56,533	41,747	22.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	242.0	10128145	439,479	5236218	169,302	270,177	159,322	96,101	< Avg Cost = 35.0 mills >

[Fiscal Year 2001-02]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,879	1823424	79,244	125,635	(1)	0	50.1%
HUNTER	26.0	2393042	65,573	924584	23,662	41,912	35,826	12,168	57.7%
BONANZA	31.0	2800982	123,856	847174	60,742	63,113	8,666	7	91.5%
MEI	4.0	1229041	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	171240	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	875041	16,640	395200	0	16,640	0	0	47.6%
PCP DIESEL	10.0	158400	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	27.0	171650	0	0	0	0	36,464	33,520	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	200.6	9981466	432,788	4010475	175,089	257,700	103,835	66,495	< Avg Cost = 32.3 mills >

[Fiscal Year 2001-02]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,264	3375452	144,479	234,785	(1)	0	46.3%
HUNTER	26.0	4786084	96,923	1366618	32,702	64,222	86,482	44,354	42.6%
BONANZA	31.0	5617354	227,379	1555274	101,538	125,842	37,902	1,214	83.7%
MEI	4.0	2458082	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	513720	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	8.0	1750081	33,408	793440	0	33,408	0	0	47.7%
PCP DIESEL	10.0	316800	73	3575	73	0	45,767	41,760	0.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,491	275180	5,492	5,000	10	0	41.1%
PacifiCorp	78.0	722951	76,536	1836857	34,891	41,645	92,997	75,267	11.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	256.5	20109611	872,267	9246692	344,390	527,877	263,157	162,596	< Avg Cost = 33.7 mills >

[Load and Current Run Data] L-03
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2002-03] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	78712	143.6	93.5	36059
February	70313	143.1	88.6	33805
March	71214	133.7	86.9	35033
April	65027	127.3	61.3	25809
May	67434	139.1	65.8	26507
June	73863	157.9	74.8	29820
July	80659	160.9	76.7	31913
August	83426	165.7	79.1	32087
September	72578	152.0	73.2	28249
October	70597	134.9	82.5	31757
November	70322	138.7	88.4	33191
December	77002	145.1	93.6	35035
	881,147.9	1,742.0		

Weekday Peak/Offpk hours:
oooooooppppppppppppppppo

Run Date: 1-mar-03

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2002-03]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	1.0	26.32							
A PacifiCorp	c	2.15	5.0	25.2	7.0	25.2					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.4	26.32							
A PacifiCorp	c	2.15	3.0	25.2	5.0	25.2					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.9	26.32							
A PacifiCorp	c	2.15	19.0	25.2	22.0	25.2					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.8	26.32							
A PacifiCorp	c	2.15	32.0	25.2	41.0	25.2					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.8	26.32							
A PacifiCorp	c	2.15	37.0	25.2	45.0	25.2					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.4	26.32							
A PacifiCorp	c	2.15	32.0	25.2	41.0	25.2					

[Fiscal Year 2002-03]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	3.0	25.2	5.0	25.2					
NOVEMBER											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	5.0	25.2	7.0	25.2					
DECEMBER											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	9.0	25.2	12.0	25.2					
JANUARY											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	15.0	25.2	18.0	25.2					
FEBRUARY											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	14.0	25.2	19.0	25.2					
MARCH											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	6.0	25.2	6.0	25.2					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2002-03] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,717	25,809	229,700	10,257	15,552	0	0	6.0	97.1		
HUNTER	26.0	405,600	8,889	129,777	2,426	6,463	7,142	2,689		77.7		
BONANZA	30.0	509,700	18,852	133,474	8,292	10,560	2,748	0	42.7	55.4		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	33.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,420	358	342	(0)	0	41.7			
PacifiCorp	12.0	25,776	3,642	91,766	1,882	1,760	2,534	2,464	50.4	137.3		
Total	154.3	1,623,134	65,027	675,864	25,422	39,605	16,105	8,673	< Avg Cost = 35.4 mills			>
MAY												
WAPA	65.8	269,122	26,507	235,912	11,304	15,203	0	0	7.0	104.5		
HUNTER	26.0	405,600	10,640	155,345	2,544	8,096	8,064	640		78.0		
BONANZA	30.0	509,700	18,210	128,930	8,185	10,025	4,055	55	45.0	55.7		
COVE FORT	4.0	207,000	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	8.0	151,440	2,688	66,259		2,688		0	34.7			
PCP DIESEL	10.0	27,300	55	2,775	55	0	4,025	3,360		147.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,057	960	790	0	0	42.7			
PacifiCorp	8.0	17,200	2,376	59,874	1,221	1,155	2,043	1,533	52.7	104.0		
Total	157.2	1,655,763	67,434	698,574	27,125	40,309	18,186	5,589	< Avg Cost = 34.9 mills			>
JUNE												
WAPA	74.8	305,932	29,820	265,398	10,188	19,632	0	0	7.0	108.7		
HUNTER	26.0	405,600	5,937	86,674	1,262	4,675	8,306	4,477		94.6		
BONANZA	30.0	509,700	16,456	116,512	6,020	10,436	5,020	124	45.6	72.3		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	34.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,278	1,073	1,027	0	(0)	42.7			
PacifiCorp	41.0	88,150	11,694	294,693	5,006	6,688	10,082	7,744	53.3			
Total	199.7	1,763,523	73,863	891,281	26,126	47,737	27,088	15,865	< Avg Cost = 35.9 mills			>
JULY												
WAPA	76.7	313,703	31,913	284,026	11,332	20,581	0	0	6.0	108.2		
HUNTER	26.0	405,600	1,094	15,969	808	286	8,968	9,282		107.5		
BONANZA	31.0	526,690	16,948	119,992	5,848	11,100	5,808	308	44.5	84.2		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	33.7			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,280	1,061	1,039	(0)	0	41.7			
PacifiCorp	73.0	156,950	21,196	534,132	9,420	11,776	18,028	15,088	52.2			
Total	233.5	1,834,284	80,659	1,085,391	30,724	49,935	36,565	28,357	< Avg Cost = 36.2 mills			>
AUGUST												
WAPA	79.1	323,519	32,087	285,574	11,857	20,230	0	0	5.0	111.3		
HUNTER	26.0	405,600	745	10,874	715	30	9,893	8,706		162.9		
BONANZA	31.0	526,690	16,929	119,855	6,855	10,074	5,793	342	43.5	88.2		
COVE FORT	4.0	207,000	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	151,440	2,688	66,259		2,688		0	32.7			
PCP DIESEL	10.0	27,300	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,280	1,152	949	(0)	0	40.7			
PacifiCorp	82.0	176,300	25,157	633,967	12,725	12,432	20,731	15,120	51.2			
Total	243.9	1,840,650	83,426	1,175,232	35,344	48,082	40,497	27,528	< Avg Cost = 36.2 mills			>
SEPTEMBER												
WAPA	73.2	299,388	28,249	251,416	10,324	17,925	0	0	5.0	112.0		
HUNTER	26.0	405,600	2,551	37,238	742	1,808	8,826	7,344		106.1		
BONANZA	31.0	526,690	15,891	112,507	5,515	10,376	5,893	536	43.1	82.8		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	32.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,068	895	856	0	(0)	40.7			
PacifiCorp	73.0	156,950	17,722	446,582	6,526	11,196	20,338	14,500	50.8			
Total	228.6	1,797,169	72,578	966,538	25,841	46,737	38,737	25,900	< Avg Cost = 38.1 mills			>

[Fiscal Year 2002-03] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,425	31,757	282,637	12,416	19,341	(0)	0	5.0	104.5		
HUNTER	26.0	405,600	12,107	176,761	3,144	8,963	6,632	605		75.8		
BONANZA	30.0	509,700	18,650	132,043	7,615	11,036	3,665	4	45.8	53.5		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	37.8			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	8.0	17,200	0				3,008	2,944				
Total	169.5	1,678,466	69,178	667,433	25,055	44,123	17,066	7,233	<	Avg Cost = 33.9 mills		>
NOVEMBER												
WAPA	88.4	361,556	33,191	295,400	13,827	19,364	(0)	0	5.0	93.5		
HUNTER	26.0	405,600	10,161	148,348	4,476	5,685	5,924	2,635		75.8		
BONANZA	30.0	509,700	20,810	147,338	11,210	9,600	790	0	45.8	53.5		
COVE FORT	4.0	207,000	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	22,800	720	0	400	320	0	0	0.0			
UP&L SUPP	8.0	151,440	2,560	63,104		2,560		0	37.8			
PCP DIESEL	10.0	27,300	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	25,800	0				4,800	3,840				
Total	179.4	1,711,197	70,322	657,502	31,514	38,808	15,514	9,675	<	Avg Cost = 33.7 mills		>
DECEMBER												
WAPA	93.6	382,824	35,035	311,812	13,280	21,755	0	0	5.0	99.3		
HUNTER	26.0	405,600	12,673	185,019	4,381	8,292	5,395	1,276		76.8		
BONANZA	31.0	526,690	22,261	157,607	10,853	11,408	803	(0)	45.8	53.5		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	37.8			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	0				7,896	7,728				
Total	194.6	1,768,805	76,632	730,430	30,393	46,239	17,854	12,684	<	Avg Cost = 32.6 mills		>
JANUARY												
WAPA	93.5	382,415	36,059	320,925	13,951	22,108	0	0	5.0	98.9		
HUNTER	26.0	405,600	12,893	188,235	5,101	7,792	5,091	1,360		76.8		
BONANZA	31.0	526,690	22,778	161,267	11,866	10,912	286	(0)	45.8	53.5		
COVE FORT	4.0	207,000	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	37.8			
PCP DIESEL	10.0	27,300	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	33.0	70,950	0				12,936	11,616				
Total	206.5	1,794,196	78,266	743,264	32,877	45,389	22,233	16,496	<	Avg Cost = 32.4 mills		>
FEBRUARY												
WAPA	88.6	362,374	33,805	300,865	12,584	21,221	0	0	5.0	97.0		
HUNTER	26.0	405,600	10,925	159,510	4,141	6,785	5,011	1,535		75.8		
BONANZA	30.0	509,700	19,366	137,110	9,766	9,600	794	0	45.8	53.5		
COVE FORT	4.0	207,000	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	151,440	2,560	63,104		2,560		0	37.8			
PCP DIESEL	10.0	27,300	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	33.0	70,950	0				11,616	10,560				
Total	200.6	1,757,165	70,016	663,679	28,250	41,766	20,942	15,295	<	Avg Cost = 34.6 mills		>
MARCH												
WAPA	86.9	355,421	35,033	311,794	13,216	21,817	0	0	5.0	93.4		
HUNTER	26.0	405,600	9,332	136,240	3,127	6,205	7,065	2,947		75.8		
BONANZA	30.0	509,700	20,313	143,819	9,753	10,560	2,007	0	45.8	53.5		
COVE FORT	4.0	207,000	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	37.8			
PCP DIESEL	10.0	27,300	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	25,800	0				4,704	4,224				
Total	177.9	1,705,062	71,214	664,689	28,056	43,158	17,696	10,691	<	Avg Cost = 33.3 mills		>

[Fiscal Year 2002-03]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762382	174,385	1552027	65,261	109,124	0	0	50.2%
HUNTER	26.0	2433602	29,855	435877	8,496	21,358	51,200	33,138	26.1%
BONANZA	31.0	3109172	103,287	731269	40,715	62,571	29,317	1,365	75.9%
COVE FORT	4.0	1242001	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	8.0	908641	16,768	413331	0	16,768	0	0	47.7%
PCP DIESEL	10.0	163800	55	2775	55	0	22,905	20,960	0.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	276384	5,499	5,002	0	0	82.0%
PacifiCorp	82.0	621326	81,786	2061014	36,780	45,006	73,756	56,450	22.7%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	246.0	10514525	442,988	5492879	170,582	272,406	177,178	111,912	< Avg Cost = 36.1 mills >

[Fiscal Year 2002-03]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182017	204,880	1823432	79,274	125,606	0	0	50.1%
HUNTER	26.0	2433602	68,090	994114	24,369	43,721	35,119	10,359	60.0%
BONANZA	31.0	3092182	124,178	879183	61,063	63,116	8,345	4	91.7%
COVE FORT	4.0	1242001	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	908641	16,640	410176	0	16,640	0	0	47.6%
PCP DIESEL	10.0	163800	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	33.0	255850	0	0	0	0	44,960	40,912	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	206.6	10414893	435,628	4126998	176,145	259,483	111,305	72,075	< Avg Cost = 33.4 mills >

[Fiscal Year 2002-03]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944399	379,265	3375459	144,535	234,730	0	0	46.3%
HUNTER	26.0	4867204	97,945	1429990	32,865	65,080	86,319	43,496	43.0%
BONANZA	31.0	6201355	227,465	1610452	101,778	125,687	37,662	1,369	83.8%
COVE FORT	4.0	2484002	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	8.0	1817281	33,408	823507	0	33,408	0	0	47.7%
PCP DIESEL	10.0	327600	55	2775	55	0	45,785	41,760	0.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	276384	5,499	5,002	0	0	41.1%
PacifiCorp	82.0	877177	81,786	2061014	36,780	45,006	118,716	97,362	11.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	260.5	20929419	878,616	9619877	346,727	531,889	288,482	183,987	< Avg Cost = 34.8 mills >

[Load and Current Run Data] L-04
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2003-04] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	79866	145.6	93.5	36059
February	71312	145.0	88.6	33805
March	72241	135.5	86.9	35033
April	65952	129.0	61.3	25809
May	68398	140.9	65.8	26507
June	74893	160.0	74.8	29820
July	81793	163.0	76.7	31913
August	84622	167.9	79.1	32087
September	73625	154.0	73.2	28249
October	71626	136.7	82.5	31757
November	71351	140.6	88.4	33191
December	78128	147.0	93.6	35035
	893,807.5	1,765.2		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-04

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2003-04]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	1.0	26.42							
A PacifiCorp	c	2.15	5.0	26.5	7.0	26.5					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.4	26.42							
A PacifiCorp	c	2.15	3.0	26.5	5.0	26.5					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.9	26.42							
A PacifiCorp	c	2.15	19.0	26.5	22.0	26.5					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.8	26.42							
A PacifiCorp	c	2.15	32.0	26.5	41.0	26.5					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.8	26.42							
A PacifiCorp	c	2.15	36.0	26.5	45.0	26.5					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.4	26.42							
A PacifiCorp	c	2.15	32.0	26.5	41.0	26.5					

[Fiscal Year 2003-04]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy - MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	3.0	26.5	5.0	26.5					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	5.0	26.5	7.0	26.5					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	9.0	26.5	12.0	26.5					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	15.0	26.5	18.0	26.5					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	14.0	26.5	19.0	26.5					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	6.0	26.5	6.0	26.5					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2003-04] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,755	15,054	0	0	6.0	97.9		
HUNTER	26.0	386,360	9,451	142,714	2,995	6,457	6,989	2,279		77.7		
BONANZA	30.0	486,300	19,271	141,064	9,191	10,080	2,329	0	42.7	55.4		
COVE FORT	4.0	212,800	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	768	672	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	33.7			
PCP DIESEL	10.0	28,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,490	373	327	(0)	0	41.7			
PacifiCorp	12.0	25,800	3,712	98,381	2,032	1,680	2,576	2,352	50.4	137.3		
Total	154.3	1,592,820	65,952	702,447	27,651	38,301	15,734	7,991	< Avg Cost = 34.8 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,857	15,650	0	0	7.0	106.8		
HUNTER	26.0	386,360	10,801	163,091	2,292	8,509	7,900	643		78.0		
BONANZA	30.0	486,300	18,196	133,195	7,686	10,510	4,074	50	45.0	55.7		
COVE FORT	4.0	212,800	2,976	3,422	1,568	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,176	1,056	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	34.7			
PCP DIESEL	10.0	28,200	88	4,648	88	0	3,832	3,520		147.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,232	922	828	0	0	42.7			
PacifiCorp	8.0	17,200	3,033	80,365	1,142	1,891	1,994	925	52.7	104.0		
Total	157.2	1,625,486	68,398	738,927	25,731	42,667	17,800	5,139	< Avg Cost = 34.6 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	110.5		
HUNTER	26.0	386,360	6,695	101,094	1,425	5,270	8,143	3,882		94.6		
BONANZA	30.0	486,300	16,564	121,248	6,106	10,458	4,934	102	45.6	72.3		
COVE FORT	4.0	212,800	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	34.7			
PCP DIESEL	10.0	28,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,488	1,073	1,027	0	(0)	42.7			
PacifiCorp	41.0	88,150	11,857	314,224	5,169	6,688	9,919	7,744	53.3			
Total	199.7	1,733,001	74,893	932,826	26,541	48,352	26,676	15,247	< Avg Cost = 35.6 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,344	20,569	0	0	6.0	109.9		
HUNTER	26.0	386,360	1,812	27,355	966	846	8,810	8,722		107.5		
BONANZA	31.0	502,510	17,103	125,197	5,962	11,141	5,694	267	44.5	84.2		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	33.7			
PCP DIESEL	10.0	28,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,490	1,061	1,039	(0)	0	41.7			
PacifiCorp	73.0	156,950	21,457	568,615	9,681	11,776	17,767	15,088	52.2			
Total	233.5	1,802,982	81,793	1,139,441	31,271	50,523	36,031	27,757	< Avg Cost = 36.0 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,843	20,244	0	0	5.0	113.3		
HUNTER	26.0	386,360	1,949	29,437	1,046	904	9,562	7,832		110.5		
BONANZA	31.0	502,510	17,275	126,451	7,087	10,188	5,561	228	43.5	87.2		
COVE FORT	4.0	212,800	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	32.7			
PCP DIESEL	10.0	28,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,490	1,152	949	(0)	0	40.7			
PacifiCorp	81.0	174,150	24,803	657,275	12,707	12,096	20,341	15,120	51.2			
Total	242.9	1,807,407	84,622	1,226,435	35,874	48,748	39,545	26,540	< Avg Cost = 35.9 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,309	17,940	0	0	5.0	113.9		
HUNTER	26.0	386,360	3,324	50,185	896	2,428	8,672	6,724		106.1		
BONANZA	31.0	502,510	16,011	117,202	5,624	10,387	5,784	525	43.1	82.8		
COVE FORT	4.0	212,800	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	32.7			
PCP DIESEL	10.0	28,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,243	895	856	0	(0)	40.7			
PacifiCorp	73.0	156,950	17,875	473,687	6,660	11,215	20,204	14,481	50.8			
Total	228.6	1,765,929	73,625	1,014,109	26,224	47,401	38,340	25,250	< Avg Cost = 37.8 mills			>

[Fiscal Year 2003-04] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,968	18,789	0	0	5.0	105.4		
HUNTER	26.0	386,360	12,338	186,309	3,702	8,637	6,490	515		75.7		
BONANZA	30.0	486,300	19,120	139,961	8,560	10,560	3,200	0	45.7	53.4		
COVE FORT	4.0	212,800	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	37.7			
PCP DIESEL	10.0	28,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	8.0	17,200	0				3,136	2,816				
Total	169.5	1,648,149	69,752	684,390	27,190	42,562	16,746	6,851	< Avg Cost = 33.4 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,099	20,092	0	0	5.0	95.8		
HUNTER	26.0	386,360	10,940	165,199	4,197	6,744	5,787	1,992		75.7		
BONANZA	30.0	486,300	20,786	152,151	10,706	10,080	814	0	45.7	53.4		
COVE FORT	4.0	212,800	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	22,800	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	37.7			
PCP DIESEL	10.0	28,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	25,800	0				4,608	4,032				
Total	179.4	1,680,859	71,205	684,848	29,921	41,284	15,050	9,384	< Avg Cost = 33.2 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,251	21,784	0	0	5.0	101.2		
HUNTER	26.0	386,360	13,533	204,348	4,551	8,982	5,225	586		76.7		
BONANZA	31.0	502,510	22,372	163,760	10,964	11,408	692	0	45.7	53.4		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	37.7			
PCP DIESEL	10.0	28,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	0				7,896	7,728				
Total	194.6	1,737,466	77,604	758,679	30,645	46,958	17,573	11,994	< Avg Cost = 32.2 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,653	21,406	0	0	5.0	100.0		
HUNTER	26.0	386,360	13,818	208,659	6,007	7,812	4,601	924		76.7		
BONANZA	31.0	502,510	22,958	168,056	12,542	10,416	106	(0)	45.7	53.4		
COVE FORT	4.0	212,800	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	37.7			
PCP DIESEL	10.0	28,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	33.0	70,950	0				13,464	11,088				
Total	206.5	1,762,874	79,244	769,848	35,242	44,002	22,251	15,372	< Avg Cost = 32.0 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,565	21,240	0	0	5.0	98.6		
HUNTER	26.0	386,360	11,635	175,694	4,307	7,328	4,845	992		75.7		
BONANZA	30.0	486,300	19,493	142,691	9,893	9,600	667	(0)	45.7	53.4		
COVE FORT	4.0	212,800	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	156,960	2,560	65,510		2,560		0	37.7			
PCP DIESEL	10.0	28,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	33.0	70,950	0				11,616	10,560				
Total	200.6	1,726,774	70,854	687,850	28,526	42,328	20,647	14,752	< Avg Cost = 34.1 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,597	22,436	0	0	5.0	95.8		
HUNTER	26.0	386,360	10,321	155,854	2,941	7,381	6,835	2,187		75.7		
BONANZA	30.0	486,300	20,137	147,404	9,097	11,040	2,183	(0)	45.7	53.4		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	37.7			
PCP DIESEL	10.0	28,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	25,800	0				4,512	4,416				
Total	177.9	1,674,745	72,156	693,811	26,515	45,640	17,290	10,283	< Avg Cost = 32.8 mills			>

[Fiscal Year 2003-04]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,300	109,085	0	0	50.2%
HUNTER	26.0	2318162	34,031	513875	9,619	24,412	50,077	30,084	29.8%
BONANZA	31.0	2966432	104,421	764358	41,656	62,765	28,376	1,171	76.7%
COVE FORT	4.0	1276801	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,576	4,208	0	0	66.7%
UP&L SUPP	8.0	941761	16,768	429093	0	16,768	0	0	47.7%
PCP DIESEL	10.0	169200	88	4648	88	0	22,872	20,960	0.2%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	277434	5,477	5,024	0	0	82.0%
PacifiCorp	81.0	619200	82,738	2192546	37,392	45,346	72,800	55,710	23.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	245.0	10327625	449,284	5754186	173,291	275,993	174,125	107,925	< Avg Cost = 35.8 mills >

[Fiscal Year 2003-04]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	79,133	125,747	0	0	50.1%
HUNTER	26.0	2318162	72,587	1096063	25,704	46,883	33,784	7,197	63.9%
BONANZA	31.0	2950222	124,866	914021	61,762	63,104	7,662	0	92.2%
COVE FORT	4.0	1276801	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	941761	16,640	425818	0	16,640	0	0	47.6%
PCP DIESEL	10.0	169200	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	33.0	255850	0	0	0	0	45,232	40,640	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	206.6	10230866	440,813	4279426	178,040	262,773	109,557	68,637	< Avg Cost = 32.9 mills >

[Fiscal Year 2003-04]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	144,433	234,832	0	0	46.3%
HUNTER	26.0	4636324	106,618	1609938	35,323	71,295	83,861	37,281	46.8%
BONANZA	31.0	5916655	229,287	1678379	103,418	125,869	36,038	1,171	84.4%
COVE FORT	4.0	2553602	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,864	6,288	0	0	50.0%
UP&L SUPP	8.0	1883522	33,408	854911	0	33,408	0	0	47.7%
PCP DIESEL	10.0	338400	88	4648	88	0	45,752	41,760	0.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	277434	5,477	5,024	0	0	41.1%
]PacifiCorp	81.0	875051	82,738	2192546	37,392	45,346	118,032	96,350	11.7%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	259.5	20558492	890,097	10033612	351,331	538,766	283,683	176,563	< Avg Cost = 34.4 mills >

[Load and Current Run Data] L-05
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2004-05] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	81050	147.6	93.5	36059
February	72337	146.9	88.6	33805
March	73295	137.3	86.9	35033
April	66900	130.7	61.3	25809
May	69388	142.8	65.8	26507
June	75948	162.0	74.8	29820
July	82957	165.2	76.7	31913
August	85850	170.1	79.1	32087
September	74700	156.1	73.2	28249
October	72683	138.6	82.5	31757
November	72406	142.5	88.4	33191
December	79284	149.1	93.6	35035
	906,797	1,788.8		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-05

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

{Fiscal Year 2004-05}
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	27.8	7.0	27.8					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	27.8	5.0	27.8					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	27.8	22.0	27.8					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	27.8	41.0	27.8					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	27.8	45.0	27.8					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	32.0	27.8	41.0	27.8					

[Fiscal Year 2004-05]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	27.8	5.0	27.8					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	27.8	7.0	27.8					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	27.8	12.0	27.8					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	27.8	18.0	27.8					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	27.8	19.0	27.8					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	27.8	6.0	27.8					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2004-05] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	11,242	14,567	0	0	6.0	99.1		
HUNTER	26.0	386,360	10,014	179,244	3,435	6,578	6,965	1,742		77.7		
BONANZA	30.0	537,000	19,712	149,220	10,112	9,600	1,888	0	42.7	55.4		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	800	640	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	34.7			
PCP DIESEL	10.0	29,200	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	389	311	(0)	0	33.7			
PacifiCorp	12.0	25,800	3,785	105,234	2,185	1,600	2,615	2,240	50.4	137.3		
Total	154.3	1,646,840	66,900	753,289	29,763	37,137	15,467	7,182	<	Avg Cost = 35.9 mills		>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	109.2		
HUNTER	26.0	386,360	11,138	199,369	2,234	8,904	7,542	664		78.0		
BONANZA	30.0	537,000	17,989	136,179	7,016	10,973	4,264	67	45.0	55.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.0			
PCP DIESEL	10.0	29,200	150	8,229	107	43	3,653	3,637		109.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,742	46,203	877	866	8	0	34.7			
PacifiCorp	8.0	17,200	3,710	103,127	1,028	2,682	1,980	262	52.7	104.0		
Total	157.2	1,679,506	69,388	810,664	24,307	45,081	17,447	4,630	<	Avg Cost = 35.9 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	112.0		
HUNTER	26.0	386,360	7,386	132,200	1,624	5,762	7,944	3,390		94.6		
BONANZA	30.0	537,000	16,718	126,559	6,228	10,490	4,812	70	45.6	72.3		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.6			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,073	1,027	0	(0)	34.7			
PacifiCorp	41.0	88,150	12,068	335,484	5,380	6,688	9,708	7,744	53.3			
Total	199.7	1,787,021	75,948	993,472	27,073	48,875	26,144	14,725	<	Avg Cost = 36.6 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	12,636	19,277	0	0	6.0	110.9		
HUNTER	26.0	386,360	2,477	44,345	1,356	1,121	9,252	7,615		107.5		
BONANZA	31.0	554,900	17,360	131,414	7,124	10,236	5,524	180	44.5	84.2		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	816	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	36.5			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,152	949	(0)	0	33.7			
PacifiCorp	73.0	156,950	21,954	610,332	11,202	10,752	18,582	13,776	52.2			
Total	233.5	1,858,692	82,957	1,200,660	35,918	47,039	37,438	24,930	<	Avg Cost = 36.9 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,681	21,406	0	0	5.0	117.1		
HUNTER	26.0	386,360	2,821	50,491	890	1,931	8,886	7,637		111.5		
BONANZA	31.0	554,900	17,164	129,930	6,046	11,117	5,610	291	43.5	88.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	35.5			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	82.0	176,300	25,014	695,380	11,398	13,616	19,434	16,560	51.2			
Total	243.9	1,865,267	85,850	1,298,721	31,956	53,894	37,690	28,167	<	Avg Cost = 36.9 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,313	17,936	0	0	5.0	115.6		
HUNTER	26.0	386,360	4,021	71,981	1,054	2,968	8,514	6,184		106.1		
BONANZA	31.0	554,900	16,134	122,131	5,736	10,398	5,672	514	43.1	82.8		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	35.1			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	895	856	0	(0)	32.7			
PacifiCorp	73.0	156,950	18,130	504,001	6,886	11,243	19,978	14,453	50.8			
Total	228.6	1,821,639	74,700	1,074,082	26,723	47,977	37,845	24,671	<	Avg Cost = 38.8 mills		>

[Fiscal Year 2004-05] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	13,527	18,230	0	0	5.0	106.6		
HUNTER	26.0	386,360	12,505	223,837	4,184	8,321	6,424	415		75.7		
BONANZA	30.0	537,000	19,652	148,768	9,572	10,080	2,668	0	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.7			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	8.0	17,200	0				3,264	2,688				
Total	169.5	1,702,169	70,322	730,085	29,324	40,999	16,436	6,463	< Avg Cost = 34.6 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,449	20,742	0	0	5.0	98.1		
HUNTER	26.0	386,360	11,802	211,261	3,930	7,872	5,638	1,280		75.7		
BONANZA	30.0	537,000	20,720	156,853	10,160	10,560	880	(0)	45.7	53.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	25,800	0				4,416	4,224				
Total	179.4	1,734,879	72,130	741,647	28,379	43,750	14,613	9,024	< Avg Cost = 34.3 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,975	21,060	0	0	5.0	102.6		
HUNTER	26.0	386,360	14,321	256,343	5,229	9,092	4,963	60		76.7		
BONANZA	31.0	554,900	22,601	171,089	11,689	10,912	463	0	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	0				8,232	7,392				
Total	194.6	1,793,176	78,493	817,487	32,853	45,640	17,578	10,972	< Avg Cost = 33.3 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,838	22,221	0	0	5.0	102.2		
HUNTER	26.0	386,360	14,720	263,483	5,758	8,962	4,434	190		76.7		
BONANZA	31.0	554,900	22,966	173,850	12,054	10,912	98	(0)	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	33.0	70,950	0				12,936	11,616				
Total	206.5	1,818,584	80,280	836,501	33,610	46,670	21,388	15,326	< Avg Cost = 33.1 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,549	21,256	0	0	5.0	100.4		
HUNTER	26.0	386,360	12,368	221,379	4,480	7,888	4,672	432		75.7		
BONANZA	30.0	537,000	19,616	148,493	10,016	9,600	544	(0)	45.7	53.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	37.7			
PCP DIESEL	10.0	29,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	33.0	70,950	0				11,616	10,560				
Total	200.6	1,780,794	71,708	741,846	28,805	42,904	20,352	14,192	< Avg Cost = 35.2 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,602	22,431	0	0	5.0	97.3		
HUNTER	26.0	386,360	11,067	198,094	3,146	7,921	6,630	1,647		75.7		
BONANZA	30.0	537,000	20,381	154,282	9,341	11,040	1,939	0	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.7			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	25,800	0				4,512	4,416				
Total	177.9	1,728,765	73,144	745,814	26,969	46,176	16,842	9,743	< Avg Cost = 33.8 mills			>

[Fiscal Year 2004-05]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,476	108,909	0	0	50.2%
HUNTER	26.0	2318162	37,856	677630	10,593	27,264	49,103	27,232	33.2%
BONANZA	31.0	3275703	105,077	795433	42,262	62,815	27,770	1,121	77.2%
COVE FORT	4.0	1286881	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	8.0	945601	16,768	445526	0	16,768	0	0	47.7%
PCP DIESEL	10.0	175200	150	8229	107	43	22,853	20,917	0.3%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,493	278281	5,447	5,046	8	0	81.9%
PacifiCorp	82.0	621350	84,660	2353558	38,079	46,581	72,297	55,035	23.5%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	246.0	10658965	455,742	6130888	175,740	280,002	172,031	104,305	< Avg Cost = 36.8 mills >

[Fiscal Year 2004-05]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	78,939	125,941	0	0	50.1%
HUNTER	26.0	2318162	76,782	1374397	26,727	50,055	32,761	4,025	67.6%
BONANZA	31.0	3257803	125,936	953335	62,832	63,104	6,592	0	93.0%
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.6%
PCP DIESEL	10.0	175200	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	33.0	255850	0	0	0	0	44,976	40,896	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	206.6	10558367	446,078	4613382	179,939	266,139	107,209	65,721	< Avg Cost = 34.0 mills >

[Fiscal Year 2004-05]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	144,415	234,850	0	0	46.3%
HUNTER	26.0	4636324	114,638	2052027	37,320	77,318	81,864	31,258	50.3%
BONANZA	31.0	6533505	231,013	1748767	105,094	125,919	34,362	1,121	85.1%
COVE FORT	4.0	2573762	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	8.0	1891202	33,408	887651	0	33,408	0	0	47.7%
PCP DIESEL	10.0	350400	150	8229	107	43	45,733	41,717	0.2%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,493	278281	5,447	5,046	8	0	41.1%
PacifiCorp	82.0	877201	84,660	2353558	38,079	46,581	117,273	95,931	11.8%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	260.5	21217332	901,820	10744269	355,678	546,141	279,239	170,027	< Avg Cost = 35.4 mills >

[Load and Current Run Data] L-06
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2005-06] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	82265	149.6	93.5	36059
February	73389	148.9	88.6	33805
March	74377	139.2	86.9	35033
April	67873	132.5	61.3	25809
May	70403	144.7	65.8	26507
June	77030	164.2	74.8	29820
July	84151	167.4	76.7	31913
August	87109	172.3	79.1	32087
September	75803	158.1	73.2	28249
October	73767	140.4	82.5	31757
November	73490	144.5	88.4	33191
December	80471	151.1	93.6	35035
	920,129	1,813.1		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-06

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

{Fiscal Year 2005-06}
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	29.2	20.0	29.2					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	29.2	30.0	29.2					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	29.2	27.0	29.2					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	29.2	14.0	29.2					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	29.2	18.0	29.2					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	32.0	29.2	18.0	29.2					

[Fiscal Year 2005-06]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	29.2	27.0	29.2					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	29.2	16.0	29.2					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	29.2	17.0	29.2					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	29.2	12.0	29.2					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	29.2	15.0	29.2					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	29.2	14.0	29.2					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2005-06] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,731	15,078	0	0	6.0	101.3		
HUNTER	26.0	386,360	10,772	192,821	3,172	7,600	6,812	1,136		77.7		
BONANZA	30.0	537,000	19,712	149,222	9,632	10,080	1,888	(0)	42.7	55.4		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	768	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	34.7			
PCP DIESEL	10.0	29,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	373	327	(0)	0	33.7			
PacifiCorp	25.0	53,750	3,872	113,054	2,192	1,680	7,408	6,720	50.4	137.3		
Total	167.3	1,674,790	67,873	778,089	28,404	39,469	19,948	11,216	< Avg Cost = 36.1 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	111.4		
HUNTER	26.0	386,360	11,247	201,324	2,323	8,924	7,453	644		78.0		
BONANZA	30.0	537,000	18,113	137,116	7,119	10,995	4,161	45	45.0	55.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.0			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,743	46,237	878	866	6	0	34.7			
PacifiCorp	33.0	70,950	4,641	135,507	1,211	3,430	11,197	8,714	52.7	104.0		
Total	182.2	1,733,257	70,403	837,741	24,575	45,828	26,578	13,084	< Avg Cost = 36.5 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,635	19,185	0	0	7.0	112.6		
HUNTER	26.0	386,360	7,996	143,128	2,209	5,787	7,775	2,949		94.6		
BONANZA	30.0	537,000	16,988	128,598	6,932	10,056	4,588	24	45.6	72.3		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.6			
PCP DIESEL	10.0	29,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,120	980	0	(0)	34.7			
PacifiCorp	46.0	98,900	12,398	362,024	6,014	6,384	11,650	9,072	53.3			
Total	204.7	1,797,771	77,030	1,029,579	29,598	47,433	27,853	15,405	< Avg Cost = 36.7 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	12,602	19,311	0	0	6.0	112.8		
HUNTER	26.0	386,360	3,358	60,111	1,604	1,754	9,004	6,982		107.5		
BONANZA	31.0	554,900	17,518	132,611	7,253	10,265	5,395	151	44.5	84.2		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	816	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	36.5			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,152	949	(0)	0	33.7			
PacifiCorp	46.0	98,900	22,109	645,584	11,357	10,752	7,411	4,704	52.2			
Total	206.5	1,800,642	84,151	1,252,875	36,416	47,735	25,890	15,197	< Avg Cost = 36.3 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,660	21,427	0	0	5.0	119.2		
HUNTER	26.0	386,360	3,720	66,589	1,063	2,657	8,713	6,911		111.5		
BONANZA	31.0	554,900	17,310	131,036	6,162	11,148	5,494	260	43.5	88.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	35.5			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	25,228	736,649	11,612	13,616	9,068	6,624	51.2			
Total	216.9	1,807,217	87,109	1,357,193	32,438	54,671	27,035	17,475	< Avg Cost = 36.3 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,843	17,407	0	0	5.0	116.7		
HUNTER	26.0	386,360	4,638	83,021	1,447	3,191	8,537	5,545		106.1		
BONANZA	31.0	554,900	16,285	123,274	6,324	9,961	5,580	455	43.1	82.8		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	22,800	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	35.1			
PCP DIESEL	10.0	29,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	934	817	0	(0)	32.7			
PacifiCorp	50.0	107,500	18,593	542,913	7,841	10,752	11,359	6,048	50.8			
Total	205.6	1,772,189	75,803	1,121,776	29,307	46,496	29,317	15,408	< Avg Cost = 38.2 mills			>

[Fiscal Year 2005-06] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,943	18,814	0	0	5.0	109.2		
HUNTER	26.0	386,360	12,590	225,359	3,861	8,729	6,331	423		75.7		
BONANZA	30.0	537,000	19,568	148,133	9,008	10,560	2,752	0	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	0				11,760	10,560				
Total	191.5	1,749,469	70,451	734,373	27,773	42,679	24,763	14,503	< Avg Cost = 35.3 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,466	20,725	0	0	5.0	99.6		
HUNTER	26.0	386,360	12,556	224,759	4,174	8,383	5,394	769		75.7		
BONANZA	30.0	537,000	20,928	158,428	10,368	10,560	672	(0)	45.7	53.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	0				7,728	7,392				
Total	188.4	1,754,229	73,092	756,720	28,848	44,243	17,474	11,681	< Avg Cost = 34.4 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,670	20,365	0	0	5.0	103.8		
HUNTER	26.0	386,360	14,732	263,701	5,996	8,736	4,612	0		76.7		
BONANZA	31.0	554,900	22,868	173,111	12,452	10,416	196	(0)	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.7			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	0				10,608	8,736				
Total	199.6	1,803,926	79,043	823,466	35,158	43,885	19,496	12,096	< Avg Cost = 33.2 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,139	22,920	0	0	5.0	104.7		
HUNTER	26.0	386,360	14,934	267,323	5,366	9,568	4,410	0		76.7		
BONANZA	31.0	554,900	22,948	173,716	11,540	11,408	116	0	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.7			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	0				10,152	9,936				
Total	200.5	1,805,684	80,605	843,608	31,926	48,680	18,438	13,616	< Avg Cost = 32.9 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,533	21,272	0	0	5.0	102.2		
HUNTER	26.0	386,360	6,532	116,930	2,551	3,981	6,601	4,339		89.7		
BONANZA	30.0	537,000	17,736	134,262	8,136	9,600	2,424	0	45.7	67.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	37.7			
PCP DIESEL	10.0	29,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	9,396	274,350	4,916	4,480	5,292	4,800	53.4			
Total	196.6	1,772,194	73,389	897,517	29,895	43,494	17,837	12,339	< Avg Cost = 36.4 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,256	21,777	0	0	5.0	98.2		
HUNTER	26.0	386,360	11,762	210,545	3,851	7,912	6,341	1,240		75.7		
BONANZA	30.0	537,000	20,778	157,289	10,218	10,560	1,542	(0)	45.7	53.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	0				7,840	7,040				
Total	185.9	1,745,965	74,109	757,872	29,285	44,824	19,643	11,800	< Avg Cost = 33.8 mills			>

[Fiscal Year 2005-06]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552028	65,883	108,503	0	0	50.2%	
HUNTER	26.0	2318162	41,732	746995	11,817	29,915	48,295	24,165	36.5%	
BONANZA	31.0	3275703	105,926	801858	43,422	62,503	27,106	937	77.8%	
COVE FORT	4.0	1286881	17,568	20203	9,248	8,320	0	0	100.0%	
MEMBER H	3.0	273600	8,784	0	4,624	4,160	0	0	66.7%	
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.4%	
PCP DIESEL	10.0	175200	0	0	0	0	23,120	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,495	278314	5,518	4,976	6	0	81.9%	
PacifiCorp	55.0	548250	86,840	2535730	40,226	46,614	58,094	41,882	35.9%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	219.0	10585865	462,369	6377254	180,738	281,631	156,621	87,784	< Avg Cost = 36.7 mills	>

[Fiscal Year 2005-06]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	79,007	125,873	0	0	50.1%	
HUNTER	26.0	2318162	73,107	1308618	25,799	47,308	33,689	6,772	64.4%	
BONANZA	31.0	3257803	124,827	944939	61,723	63,104	7,701	(0)	92.2%	
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.6%	
PCP DIESEL	10.0	175200	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
PacifiCorp	30.0	328950	9,396	274350	4,916	4,480	53,380	48,464	7.2%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	203.6	10631467	450,689	4813555	182,884	267,805	117,651	76,036	< Avg Cost = 34.3 mills	>

[Fiscal Year 2005-06]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,265	3375460	144,890	234,375	0	0	46.3%	
HUNTER	26.0	4636324	114,839	2055613	37,616	77,223	81,984	30,937	50.4%	
BONANZA	31.0	6533505	230,752	1746796	105,145	125,607	34,807	937	85.0%	
COVE FORT	4.0	2573762	35,040	40296	18,400	16,640	0	0	100.0%	
MEMBER H	3.0	410400	13,152	0	6,912	6,240	0	0	50.0%	
UP&L SUPP	8.0	1891202	33,280	884250	0	33,280	0	0	47.5%	
PCP DIESEL	10.0	350400	0	0	0	0	46,000	41,600		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,495	278314	5,518	4,976	6	0	41.1%	
PacifiCorp	55.0	877201	96,236	2810080	45,142	51,094	111,474	90,346	20.0%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	233.5	21217332	913,058	11190809	363,623	549,436	274,272	163,820	< Avg Cost = 35.5 mills	>

[Load and Current Run Data] L-07
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2006-07] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	83513	151.7	93.5	36059
February	74469	150.9	88.6	33805
March	75488	141.2	86.9	35033
April	68872	134.3	61.3	25809
May	71446	146.7	65.8	26507
June	78140	166.4	74.8	29820
July	85375	169.6	76.7	31913
August	88402	174.7	79.1	32087
September	76936	160.3	73.2	28249
October	74881	142.4	82.5	31757
November	74603	146.5	88.4	33191
December	81690	153.2	93.6	35035
	933,814	1,837.9		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-sep-06

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2006-07]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	30.6	20.0	30.6					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	30.6	30.0	30.6					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	30.6	27.0	30.6					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	30.6	14.0	30.6					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	30.6	18.0	30.6					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp]	c	2.15	32.0	30.6	18.0	30.6					

[Fiscal Year 2006-07]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	30.6	27.0	30.6					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	30.6	16.0	30.6					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	30.6	17.0	30.6					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	30.6	12.0	30.6					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	30.6	15.0	30.6					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	30.6	14.0	30.6					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS].

[Fiscal Year 2006-07] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,250	15,559	0	0	6.0	103.3		
HUNTER	26.0	386,360	11,967	214,207	3,045	8,922	6,523	230		69.7		
BONANZA	30.0	537,000	19,611	148,458	9,051	10,560	1,989	0	34.7	47.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	736	704	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	358	342	(0)	0	33.7			
PacifiCorp	25.0	53,750	6,465	197,820	2,198	4,267	7,002	4,533	42.4	95.7		
Total	159.3	1,517,190	68,872	812,057	27,110	41,762	19,194	8,283	< Avg Cost = 33.8 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	113.0		
HUNTER	26.0	386,360	11,591	207,485	2,454	9,138	7,322	430		70.0		
BONANZA	30.0	537,000	18,365	139,026	7,325	11,040	3,955	0	37.0	47.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,749	46,378	883	866	1	0	34.7			
PacifiCorp	33.0	70,950	8,025	245,575	1,339	6,686	11,069	5,458	44.7	96.0		
Total	174.2	1,575,656	71,446	877,798	25,047	46,399	26,107	9,568	< Avg Cost = 34.3 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	11,087	18,733	0	0	7.0	113.5		
HUNTER	26.0	386,360	10,701	191,540	2,693	8,007	7,707	313		86.6		
BONANZA	30.0	537,000	17,278	130,795	7,678	9,600	4,322	0	37.6	64.3		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,200	960	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,167	933	0	(0)	34.7			
PacifiCorp	46.0	98,900	13,201	403,965	6,686	6,515	11,714	8,205	45.3	112.6		
Total	196.7	1,640,171	78,140	1,050,709	32,112	46,029	27,742	11,717	< Avg Cost = 34.4 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,853	20,060	0	0	6.0	115.4		
HUNTER	26.0	386,360	7,026	125,758	1,686	5,340	8,506	3,812		99.5		
BONANZA	31.0	554,900	17,746	134,339	6,837	10,909	5,315	3	36.5	76.2		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	784	704	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,107	994	(0)	0	33.7			
PacifiCorp	46.0	98,900	22,126	677,059	10,862	11,264	7,170	4,928	44.2			
Total	198.5	1,643,042	85,375	1,280,304	34,696	50,679	24,911	12,263	< Avg Cost = 34.2 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,663	21,424	0	0	5.0	121.0		
HUNTER	26.0	386,360	7,342	131,423	1,271	6,071	8,505	3,497		103.5		
BONANZA	31.0	554,900	17,652	133,622	6,293	11,358	5,363	50	35.5	80.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	25,501	780,325	11,885	13,616	8,795	6,624	43.2			
Total	208.9	1,649,617	88,402	1,390,067	33,054	55,348	26,423	13,851	< Avg Cost = 34.4 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	11,348	16,901	0	0	5.0	117.9		
HUNTER	26.0	386,360	7,611	136,240	1,760	5,851	8,640	2,469		98.1		
BONANZA	31.0	554,900	16,553	125,303	6,850	9,703	5,550	217	35.1	74.8		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	22,800	720	0	400	320	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	972	778	0	(0)	32.7			
PacifiCorp]	50.0	107,500	19,172	586,678	8,932	10,240	11,068	5,760	42.8			
Total	197.6	1,614,588	76,936	1,149,369	31,862	45,073	29,258	11,646	< Avg Cost = 35.9 mills			>

[Fiscal Year 2006-07] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,383	19,374	0	0	5.0	111.7		
HUNTER	26.0	386,360	12,592	225,397	3,342	9,250	6,434	318		70.7		
BONANZA	30.0	537,000	18,904	143,107	7,864	11,040	3,416	0	37.7	48.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	7,908	241,979	1,770	6,137	9,510	4,903	45.4	96.7		
Total	183.5	1,591,869	74,881	896,543	27,240	47,641	23,119	8,901	< Avg Cost = 33.2 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,476	20,715	0	0	5.0	101.2		
HUNTER	26.0	386,360	12,785	228,847	3,633	9,152	5,935	(0)		72.7		
BONANZA	30.0	537,000	20,436	154,699	9,876	10,560	1,164	0	37.7	50.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	4,592	140,509	1,983	2,609	5,745	4,783	45.4	98.7		
Total	180.4	1,596,629	74,603	822,767	29,808	44,795	16,524	8,303	< Avg Cost = 32.4 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,669	20,366	0	0	5.0	105.6		
HUNTER	26.0	386,360	13,509	241,819	4,773	8,736	5,835	(0)		77.7		
BONANZA	31.0	554,900	21,901	165,791	11,485	10,416	1,163	0	37.7	54.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	7,524	230,241	3,864	3,660	6,744	5,076	45.4	103.7		
Total	191.6	1,646,326	81,690	953,085	36,831	44,859	17,821	8,436	< Avg Cost = 31.8 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,111	22,948	0	0	5.0	106.6		
HUNTER	26.0	386,360	11,401	204,070	2,980	8,420	6,796	1,148		83.7		
BONANZA	31.0	554,900	21,173	160,282	9,765	11,408	1,891	0	37.7	60.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	11,160	341,496	5,640	5,520	4,512	4,416	45.4			
Total	192.5	1,648,084	83,513	1,030,195	33,377	50,136	16,958	9,244	< Avg Cost = 32.1 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,516	21,289	0	0	5.0	104.0		
HUNTER	26.0	386,360	9,963	178,329	2,833	7,129	6,319	1,191		81.7		
BONANZA	30.0	537,000	17,937	135,784	8,337	9,600	2,223	(0)	37.7	59.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	9,404	287,764	4,924	4,480	5,284	4,800	45.4			
Total	188.6	1,614,594	74,469	905,834	30,371	44,098	17,345	9,191	< Avg Cost = 33.8 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,866	21,167	0	0	5.0	99.2		
HUNTER	26.0	386,360	12,032	215,381	3,475	8,557	7,133	179		73.7		
BONANZA	30.0	537,000	20,238	153,204	10,158	10,080	2,082	(0)	37.7	51.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	4,464	136,598	2,448	2,016	5,712	4,704	45.4			
Total	177.9	1,588,365	75,488	820,400	31,988	43,500	19,007	8,243	< Avg Cost = 31.9 mills			>

[Fiscal Year 2006-07]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552028	65,614	108,771	0	0	50.2%	
HUNTER	26.0	2318162	56,238	1006653	12,908	43,329	47,204	10,751	49.2%	
BONANZA	31.0	3275703	107,205	811544	44,035	63,171	26,493	269	78.7%	
COVE FORT	4.0	1286881	17,568	20203	9,248	8,320	0	0	100.0%	
MEMBER H	3.0	273600	8,784	0	4,624	4,160	0	0	66.7%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	175200	0	0	0	0	23,120	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,500	278455	5,548	4,952	1	0	82.0%	
PacifiCorp	55.0	548250	94,491	2891421	41,903	52,588	56,817	35,508	39.1%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	211.0	9640265	469,171	6560304	183,881	285,290	153,635	67,328	< Avg Cost = 34.5 mills	>

[Fiscal Year 2006-07]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	79,021	125,859	0	0	50.1%	
HUNTER	26.0	2318162	72,282	1293844	21,038	51,244	38,450	2,836	63.6%	
BONANZA	31.0	3257803	120,590	912866	57,486	63,104	11,938	0	89.1%	
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	175200	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
PacifiCorp	30.0	328950	45,052	1378589	20,630	24,422	37,506	28,682	34.4%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	195.6	9685866	464,644	5428824	189,615	275,029	110,775	52,318	< Avg Cost = 32.5 mills	>

[Fiscal Year 2006-07]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,265	3375460	144,635	234,630	0	0	46.3%	
HUNTER	26.0	4636324	128,519	2300497	33,946	94,573	85,654	13,587	56.4%	
BONANZA	31.0	6533505	227,795	1724410	101,521	126,275	38,431	269	83.9%	
COVE FORT	4.0	2573762	35,040	40296	18,400	16,640	0	0	100.0%	
MEMBER H	3.0	410400	13,152	0	6,912	6,240	0	0	50.0%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	350400	0	0	0	0	46,000	41,600		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,500	278455	5,548	4,952	1	0	41.1%	
PacifiCorp	55.0	877201	139,543	4270010	62,533	77,010	94,323	64,190	29.0%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	225.5	19326131	933,814	11989128	373,495	560,319	264,410	119,646	< Avg Cost = 33.5 mills	>

Notes

[Load and Current Run Data] B-98
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1997-98] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	72862	133.8	93.5	36059
February	65280	133.6	88.6	33805
March	66025	124.6	86.9	35033
April	60382	118.8	61.3	25809
May	62581	130.1	65.8	26507
June	68735	148.0	74.8	29820
July	74971	150.5	76.7	31913
August	77397	154.9	79.1	32087
September	67283	142.1	73.2	28249
October	65375	125.9	82.5	31757
November	65097	129.3	88.4	33191
December	71284	135.1	93.6	35035
	817,271.6	1,626.8		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-98

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 1997-98]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	1.0	25.84							
A PacifiCorp	c	1.25	0.0	18.00	0.0	18.00					
MAY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.4	25.84							
A PacifiCorp	c	1.25	0.0	18.00	0.0	18.00					
JUNE											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.9	25.84							
A PacifiCorp	c	1.25	1.0	18.00	5.0	18.00					
JULY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.8	25.84							
A PacifiCorp	c	2.60	4.0	18.00	23.0	18.00					
AUGUST											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.8	25.84							
A PacifiCorp	c	2.60	4.0	18.00	26.0	18.00					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.4	25.84							
A PacifiCorp	c	2.60	3.0	18.00	24.0	18.00					

[Fiscal Year 1997-98]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.50	0.0	18.00	0.0	18.00					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.50	0.0	18.00	0.0	18.00					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
JANUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	18.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
MARCH											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.25	0.0	18.0	0.0	18.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1997-98] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,286	15,523	0	0	6.0	89.4		
HUNTER	26.0	375,700	7,132	87,723	2,258	4,874	7,310	4,278		74.7		
BONANZA	30.0	417,300	18,901	113,215	8,365	10,536	2,675	24	44.7	52.4		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	93,760	1,440	0	736	704	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	33.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,084	358	342	(0)	0	43.7			
PacifiCorp	0.0											
Total	144.3	1,488,900	60,382	531,974	23,474	36,907	13,666	7,822	< Avg Cost = 33.5 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,909	11,315	15,192	(0)	0	7.0	96.3		
HUNTER	26.0	375,700	8,184	100,662	2,194	5,990	8,414	2,746		77.0		
BONANZA	30.0	417,300	17,524	104,967	7,598	9,925	4,642	155	47.0	54.7		
COVE FORT	4.0	194,640	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	140,640	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	10.0	133,600	3,360	76,306		3,360		0	34.7			
PCP DIESEL	10.0	23,100	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,728	44,648	938	790	22	0	44.7			
PacifiCorp	0.0											
Total	151.2	1,554,246	62,510	565,914	24,901	37,609	17,157	6,261	< Avg Cost = 33.9 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	99.8		
HUNTER	26.0	375,700	9,663	118,859	2,579	7,084	6,989	2,068		78.6		
BONANZA	30.0	417,300	17,838	106,847	7,278	10,560	3,762	0	47.6	56.3		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	140,640	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	34.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,083	53,829	1,056	1,027	17	(0)	44.7			
PacifiCorp	6.0	7,500	771	13,873	419	352	1,789	1,760	55.3	151.7		
Total	166.7	1,598,311	68,735	642,057	24,099	44,635	16,238	7,348	< Avg Cost = 32.6 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,400	20,513	0	0	6.0	99.3		
HUNTER	26.0	375,700	9,363	115,169	3,086	6,277	6,690	3,291		81.5		
BONANZA	31.0	431,210	20,319	121,713	8,911	11,408	2,745	(0)	46.5	58.2		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	93,760	1,488	0	752	736	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	33.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,272	1,061	1,039	(0)	0	43.7			
PacifiCorp	27.0	70,200	3,131	56,365	1,659	1,472	8,493	8,464	54.2	156.5		
Total	189.5	1,635,812	74,971	718,540	28,374	46,597	21,687	15,435	< Avg Cost = 31.4 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,932	20,155	0	0	5.0	101.8		
HUNTER	26.0	375,700	11,244	138,297	4,302	6,942	6,306	1,794		80.5		
BONANZA	31.0	431,210	21,408	128,232	10,992	10,416	1,656	(0)	45.5	57.2		
COVE FORT	4.0	194,640	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	133,600	3,360	76,306		3,360		0	32.7			
PCP DIESEL	10.0	23,100	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,272	1,152	949	(0)	0	42.7			
PacifiCorp	30.0	78,000	3,478	62,612	2,134	1,344	10,106	8,736	53.2	157.9		
Total	193.9	1,606,757	77,397	748,716	32,552	44,845	22,148	13,890	< Avg Cost = 30.4 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,369	17,880	0	0	5.0	102.9		
HUNTER	26.0	375,700	10,596	130,332	2,877	7,719	6,691	1,433		79.1		
BONANZA	31.0	431,210	17,418	104,333	6,631	10,787	4,777	125	45.1	55.8		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	46,880	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	32.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,745	45,081	889	856	6	(0)	42.7			
PacifiCorp	27.0	70,200	2,155	38,794	1,099	1,056	8,837	8,448	52.8	150.6		
Total	184.6	1,574,678	67,283	653,208	23,705	43,578	23,990	13,526	< Avg Cost = 33.1 mills			>

[Fiscal Year 1997-98] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,705	282,175	12,388	19,317	(52)	0	5.0	95.9		
HUNTER	26.0	375,700	8,635	106,215	2,435	6,200	7,341	3,368		77.7		
BONANZA	30.0	417,300	17,549	105,117	6,653	10,896	4,627	144	47.7	55.4		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	37.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	163.5	1,528,748	65,289	580,501	23,356	41,933	15,676	7,192	< Avg Cost = 32.3 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,901	19,290	0	0	5.0	85.2		
HUNTER	26.0	375,700	5,155	63,406	2,767	2,388	7,633	5,932		77.7		
BONANZA	30.0	417,300	19,951	119,507	10,351	9,600	1,649	0	47.7	55.4		
COVE FORT	4.0	194,640	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	46,880	720	0	400	320	0	0	0.0			
UP&L SUPP	10.0	133,600	3,200	72,672		3,200		0	37.7			
PCP DIESEL	10.0	23,100	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	169.4	1,552,859	65,097	554,297	29,019	36,078	13,282	9,132	< Avg Cost = 32.4 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,324	21,711	0	0	5.0	90.5		
HUNTER	26.0	375,700	7,448	91,614	3,119	4,330	6,657	5,238		78.7		
BONANZA	31.0	431,210	21,401	128,191	9,993	11,408	1,663	(0)	47.7	55.4		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	37.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	175.6	1,587,816	71,284	618,612	28,315	42,969	12,080	8,918	< Avg Cost = 31.0 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,028	22,031	0	0	5.0	90.1		
HUNTER	26.0	375,700	7,165	88,131	3,536	3,629	6,656	5,523		79.7		
BONANZA	31.0	431,210	22,046	132,053	11,134	10,912	1,018	(0)	48.7	56.4		
COVE FORT	4.0	194,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	146,960	3,872	87,933		3,872		0	37.7			
PCP DIESEL	10.0	23,100	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	176.5	1,600,784	72,862	632,465	30,658	42,204	11,594	9,043	< Avg Cost = 30.7 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,661	21,144	0	0	5.0	88.4		
HUNTER	26.0	375,700	5,977	73,523	2,889	3,089	6,263	5,231		78.7		
BONANZA	30.0	417,300	18,617	111,517	9,017	9,600	1,543	(0)	48.7	56.4		
COVE FORT	4.0	74,640	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	46,880	672	0	352	320	0	0	0.0			
UP&L SUPP	11.0	146,960	3,520	79,939		3,520		0	37.7			
PCP DIESEL	10.0	23,100	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	170.6	1,446,984	65,280	568,935	26,327	38,953	11,326	8,431	< Avg Cost = 30.9 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,261	21,772	0	0	5.0	85.0		
HUNTER	26.0	375,700	4,071	50,072	1,863	2,208	8,329	6,944		78.7		
BONANZA	30.0	417,300	19,329	115,783	8,769	10,560	2,991	(0)	48.7	56.4		
COVE FORT	4.0	194,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	146,960	3,872	87,933		3,872		0	37.7			
PCP DIESEL	10.0	23,100	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	168.9	1,560,104	66,025	569,004	25,853	40,172	15,240	10,464	< Avg Cost = 32.2 mills			>

[Fiscal Year 1997-98]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552025	65,493	108,891	(0)	0	50.2%	
HUNTER	26.0	2254202	56,182	691042	17,296	38,886	42,400	15,610	49.2%	
BONANZA	31.0	2545532	113,407	679306	49,775	63,632	20,257	304	83.3%	
MEI	4.0	1167841	17,568	20203	9,184	8,384	0	0	100.0%	
MEMBER H	3.0	562560	8,784	0	4,592	4,192	0	0	66.7%	
UP&L SUPP	10.0	801601	20,960	476002	0	20,960	0	0	47.7%	
PCP DIESEL	10.0	138600	0	0	0	0	22,960	20,960		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,456	270186	5,454	5,002	45	0	81.6%	
	30.0	225900	9,536	171644	5,312	4,224	29,224	27,408	7.2%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	196.0	9458704	411,278	3860409	157,106	254,172	114,886	64,282	< Avg Cost = 32.4 mills	>

[Fiscal Year 1997-98]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,828	1822969	79,563	125,265	(52)	0	50.1%	
HUNTER	26.0	2254202	38,452	472960	16,608	21,844	42,880	32,236	33.9%	
BONANZA	31.0	2531622	118,893	712168	55,917	62,976	13,491	144	87.8%	
MEI	4.0	1047841	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	281280	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	11.0	841681	21,824	495623	0	21,824	0	0	45.4%	
PCP DIESEL	10.0	138600	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	176.6	9277296	405,837	3523814	163,527	242,309	79,199	53,180	< Avg Cost = 31.5 mills	>

[Fiscal Year 1997-98]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,213	3374994	145,056	234,157	(52)	0	46.3%	
HUNTER	26.0	4508404	94,634	1164003	33,904	60,730	85,280	47,846	41.6%	
BONANZA	31.0	5077154	232,300	1391475	105,692	126,608	33,748	448	85.5%	
MEI	4.0	2215682	35,040	40296	18,336	16,704	0	0	100.0%	
MEMBER H	3.0	843841	13,152	0	6,880	6,272	0	0	50.0%	
UP&L SUPP	11.0	1643281	42,784	971625	0	42,784	0	0	44.4%	
PCP DIESEL	10.0	277200	0	0	0	0	45,840	41,760		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,456	270186	5,454	5,002	45	0	40.9%	
	30.0	225900	9,536	171644	5,312	4,224	29,224	27,408	3.6%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	211.5	18736000	817,115	7384223	320,634	496,481	194,085	117,462	< Avg Cost = 32.0 mills	>

[Load and Current Run Data] B-99
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1998-99] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	74919	137.4	93.5	36059
February	67080	137.1	88.6	33805
March	67871	127.9	86.9	35033
April	62044	121.9	61.3	25809
May	64309	133.4	65.8	26507
June	70594	151.7	74.8	29820
July	77026	154.5	76.7	31913
August	79555	159.0	79.1	32087
September	69175	145.8	73.2	28249
October	67230	129.3	82.5	31757
November	66941	132.7	88.4	33191
December	73295	138.7	93.6	35035
	840,037.0	1669.5		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-99

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 1998-99]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	1.0	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					
MAY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.4	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					
JUNE											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.9	25.94							
A PacifiCorp	c	1.25	3.0	19.75	8.0	19.75					
JULY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.8	25.94							
A PacifiCorp	c	2.60	12.0	19.75	39.0	19.75					
AUGUST											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.8	25.94							
A PacifiCorp	c	2.60	15.0	19.75	46.0	19.75					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.4	25.94							
A PacifiCorp	c	2.60	12.0	19.75	39.0	19.75					

[Fiscal Year 1998-99]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.50	0.0	19.75	0.0	19.75					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.50	0.0	19.75	0.0	19.75					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
JANUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
MARCH											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1998-99] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,281	15,528	0	0	6.0	92.1		
HUNTER	26.0	408,980	8,013	104,968	2,578	5,435	6,990	3,717		75.7		
BONANZA	30.0	459,900	19,271	119,288	8,722	10,549	2,318	11	45.7	53.4		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	93,760	1,440	0	736	704	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	33.7			
PCP DIESEL	10.0	23,900	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,154	358	342	(0)	0	44.7			
PacifiCorp	0.0											
Total	145.3	1,604,730	61,985	560,181	24,146	37,839	12,988	7,248	< Avg Cost =	34.9 mills		>
MAY												
WAPA	65.8	269,265	26,507	235,912	11,316	15,191	0	0	7.0	99.1		
HUNTER	26.0	408,980	8,994	117,822	2,454	6,540	8,154	2,196		78.0		
BONANZA	30.0	459,900	17,992	111,369	8,042	9,950	4,198	130	48.0	55.7		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	140,640	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	34.7			
PCP DIESEL	10.0	23,900	166	7,199	166	0	3,914	3,360		142.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,746	45,295	956	790	4	0	45.7			
PacifiCorp	0.0											
Total	152.2	1,670,076	64,309	601,925	25,789	38,520	16,270	5,686	< Avg Cost =	35.3 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	103.2		
HUNTER	26.0	408,980	9,814	128,559	2,604	7,210	6,964	1,942		81.6		
BONANZA	30.0	459,900	17,828	110,357	7,268	10,560	3,772	0	48.6	59.3		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	140,640	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	34.7			
PCP DIESEL	10.0	23,900	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,094	54,329	1,068	1,027	6	(0)	45.7			
PacifiCorp	11.0	13,750	2,125	41,977	1,069	1,056	2,979	2,816	56.3	154.7		
Total	172.7	1,720,391	70,594	688,690	24,777	45,817	17,400	8,278	< Avg Cost =	34.1 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,395	20,518	0	0	6.0	102.4		
HUNTER	26.0	408,980	6,649	87,108	2,510	4,139	7,266	5,429		90.5		
BONANZA	31.0	475,230	19,050	117,921	7,664	11,386	3,992	22	47.5	67.2		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	93,760	1,488	0	752	736	0	0	0.0			
UP&L SUPP	11.0	171,710	4,048	88,611		4,048		0	33.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,482	1,061	1,039	(0)	0	44.7			
PacifiCorp	51.0	132,600	8,801	173,819	4,385	4,416	14,791	14,352	55.2			
Total	214.5	1,815,462	77,026	809,389	29,271	47,755	29,809	23,482	< Avg Cost =	34.1 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,898	20,189	0	0	5.0	105.4		
HUNTER	26.0	408,980	7,269	95,224	3,170	4,099	7,438	4,637		92.5		
BONANZA	31.0	475,230	19,586	121,236	9,179	10,407	3,469	9	46.5	69.2		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	32.7			
PCP DIESEL	10.0	23,900	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,482	1,152	949	(0)	0	43.7			
PacifiCorp	61.0	158,600	11,096	219,154	6,056	5,040	18,832	15,456	54.2			
Total	225.9	1,804,607	79,555	859,998	33,495	46,059	33,819	23,462	< Avg Cost =	33.5 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,343	17,907	0	0	5.0	106.4		
HUNTER	26.0	408,980	7,846	102,787	2,292	5,555	7,276	3,597		89.1		
BONANZA	31.0	475,230	16,786	103,906	6,179	10,607	5,229	305	46.1	65.8		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	46,880	720	0	368	352	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	32.7			
PCP DIESEL	10.0	23,900	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,403	895	856	0	(0)	43.7			
PacifiCorp	51.0	132,600	7,071	139,656	2,847	4,224	15,921	13,728	53.8	160.6		
Total	209.6	1,754,329	69,175	731,239	24,395	44,780	32,106	21,151	< Avg Cost =	35.9 mills		>

[Fiscal Year 1998-99] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,750	282,578	12,989	18,761	(7)	0	5.0	98.4		
HUNTER	26.0	408,980	9,515	124,648	3,099	6,416	7,093	2,736		78.7		
BONANZA	30.0	459,900	18,156	112,385	7,689	10,467	4,071	93	48.7	56.4		
COVE FORT	4.0	195,680	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	37.7			
PCP DIESEL	10.0	23,900	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	164.5	1,644,579	67,013	607,791	25,737	41,276	15,077	6,349	< Avg Cost = 33.6 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,144	20,047	0	0	5.0	88.8		
HUNTER	26.0	408,980	6,372	83,476	2,989	3,383	6,995	5,353		78.7		
BONANZA	30.0	459,900	20,082	124,306	10,002	10,080	1,518	0	48.7	56.4		
COVE FORT	4.0	195,680	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	46,880	720	0	384	336	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	37.7			
PCP DIESEL	10.0	23,900	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	170.4	1,668,689	66,941	587,400	28,055	38,886	12,353	8,713	< Avg Cost = 33.7 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,285	21,750	0	0	5.0	93.8		
HUNTER	26.0	408,980	8,817	115,500	3,651	5,166	6,125	4,402		79.7		
BONANZA	31.0	475,230	21,675	134,170	10,267	11,408	1,389	0	48.7	56.4		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	11.0	171,710	4,048	88,611		4,048		0	37.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				3,760	3,680				
Total	186.6	1,724,066	73,295	653,514	29,083	44,212	15,034	11,762	< Avg Cost = 32.4 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,719	21,340	0	0	5.0	92.6		
HUNTER	26.0	408,980	9,257	121,271	4,602	4,656	6,006	4,080		78.7		
BONANZA	31.0	475,230	22,522	139,413	12,106	10,416	542	(0)	47.7	55.4		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	156,100	3,360	73,550		3,360		0	37.7			
PCP DIESEL	10.0	23,900	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				4,080	3,360				
Total	185.5	1,708,064	74,919	658,581	33,467	41,452	14,708	10,800	< Avg Cost = 31.6 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,627	21,178	0	0	5.0	91.5		
HUNTER	26.0	408,980	7,818	102,422	3,410	4,408	5,742	3,912		77.7		
BONANZA	30.0	459,900	18,896	116,968	9,296	9,600	1,264	0	47.7	55.4		
COVE FORT	4.0	195,680	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	46,880	672	0	352	320	0	0	0.0			
UP&L SUPP	10.0	156,100	3,200	70,048		3,200		0	37.7			
PCP DIESEL	10.0	23,900	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				3,520	3,200				
Total	179.6	1,672,844	67,080	593,393	27,094	39,986	14,045	10,312	< Avg Cost = 33.8 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,634	22,399	0	0	5.0	88.8		
HUNTER	26.0	408,980	6,140	80,436	2,055	4,085	7,721	5,483		77.7		
BONANZA	30.0	459,900	19,298	119,453	8,258	11,040	3,022	0	47.7	55.4		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	156,100	3,680	80,555		3,680		0	37.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	167.9	1,646,965	67,871	595,660	24,827	43,044	14,503	9,163	< Avg Cost = 33.0 mills			>

[Fiscal Year 1998-99]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,423	108,962	0	0	50.2%
HUNTER	26.0	2453882	48,585	636468	15,608	32,977	44,088	21,519	42.5%
BONANZA	31.0	2805392	110,513	684078	47,054	63,459	22,978	477	81.2%
MEI	4.0	1174081	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	562560	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	11.0	1030261	23,056	504696	0	23,056	0	0	47.7%
PCP DIESEL	10.0	143400	166	7199	166	0	22,794	20,960	0.4%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,491	272146	5,489	5,002	10	0	81.9%
Pacificorp	61.0	437550	29,094	574605	14,358	14,736	52,522	46,352	10.9%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	228.0	10369595	422,643	4251422	161,874	260,769	142,392	89,307	< Avg Cost = 34.6 mills >

[Fiscal Year 1998-99]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,873	1823372	79,399	125,474	(7)	0	50.1%
HUNTER	26.0	2453882	47,920	627752	19,806	28,113	39,682	25,967	42.2%
BONANZA	31.0	2790062	120,629	746695	57,618	63,011	11,806	93	89.1%
MEI	4.0	1174081	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	281280	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	11.0	983431	21,856	478428	0	21,856	0	0	45.5%
PCP DIESEL	10.0	143400	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
Pacificorp	10.0	57000	0	0	0	0	11,360	10,240	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	186.6	10065206	417,118	3696339	168,263	248,855	85,721	57,099	< Avg Cost = 33.0 mills >

[Fiscal Year 1998-99]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,258	3375400	144,822	234,436	(7)	0	46.3%
HUNTER	26.0	4907764	96,505	1264220	35,414	61,091	83,770	47,485	42.4%
BONANZA	31.0	5595454	231,143	1430773	104,672	126,471	34,784	569	85.1%
MEI	4.0	2348162	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	843841	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	11.0	2013692	44,912	983124	0	44,912	0	0	46.6%
PCP DIESEL	10.0	286800	166	7199	166	0	45,674	41,760	0.2%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,491	272146	5,489	5,002	10	0	41.1%
Pacificorp	61.0	494550	29,094	574605	14,358	14,736	63,882	56,592	5.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	242.5	20434801	839,762	7947761	330,137	509,624	228,113	146,406	< Avg Cost = 33.8 mills >

[Load and Current Run Data] B-00
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1999-00] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	77069	141.1	93.5	36059
February	68960	140.8	88.6	33805
March	69800	131.4	86.9	35033
April	63788	125.2	61.3	25809
May	66122	137.0	65.8	26507
June	72541	155.7	74.8	29820
July	79171	158.5	76.7	31913
August	81809	163.2	79.1	32087
September	71153	149.7	73.2	28249
October	69169	132.7	82.5	31757
November	68870	136.3	88.4	33191
December	75398	142.5	93.6	35035
	863,850.4	1714.1		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-sep-99

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 1999-00]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	2.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	1.0	26.03							
A PacifiCorp	c	1.25	0.0	21.75	0.0	21.75					
MAY											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	3.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.4	26.03							
A PacifiCorp	c	1.25	0.0	21.75	0.0	21.75					
JUNE											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	3.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.9	26.03							
A PacifiCorp	c	1.25	8.0	21.75	12.0	21.75					
JULY											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	2.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.8	26.03							
A PacifiCorp	c	2.60	20.0	21.75	28.0	21.75					
AUGUST											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.8	22.03							
A PacifiCorp	c	2.60	24.0	21.75	36.0	21.75					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	45.5	8.90					8309
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.4	22.03							
A PacifiCorp	c	2.60	20.0	21.75	28.0	21.75					

[Fiscal Year 1999-00]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.50	0.0	21.75	0.0	21.75					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.50	3.0	21.75	6.0	21.75					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	4.0	21.75	8.0	21.75					
JANUARY											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	8.0	21.75	10.0	21.75					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	8.0	21.75	10.0	21.75					
MARCH											
A WAPA	a	4.09	32.7	8.90	40.4	8.90					4671
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.25	2.0	21.75	6.0	21.75					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1999-00] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,756	15,053	0	0	6.0	94.6		
HUNTER	26.0	377,000	9,543	125,009	3,156	6,387	6,828	2,349		74.7		
BONANZA	30.0	438,600	19,868	127,154	9,788	10,080	1,732	0	44.7	52.4		
COVE FORT	4.0	198,640	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	63,200	1,440	0	768	672	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	33.7			
PCP DIESEL	10.0	24,700	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,217	373	327	(0)	0	43.7			
PacifiCorp	0.0											
Total	144.3	1,521,440	63,599	577,447	26,377	37,223	12,401	5,709	< Avg Cost = 33.0 mills			>
MAY												
WAPA	65.8	269,265	26,490	235,763	10,396	16,094	(17)	0	7.0	104.1		
HUNTER	26.0	377,000	10,912	142,950	2,107	8,805	7,669	763		77.0		
BONANZA	30.0	438,600	17,569	112,439	6,665	10,903	4,615	137	47.0	54.7		
COVE FORT	4.0	198,640	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	94,800	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	10.0	168,500	3,680	81,107		3,680		0	34.7			
PCP DIESEL	10.0	24,700	561	25,307	221	341	3,539	3,339		103.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,701	44,285	836	866	49	0	44.7			
PacifiCorp	0.0											
Total	151.2	1,571,506	66,122	645,275	22,857	43,265	15,855	4,239	< Avg Cost = 33.5 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,636	19,184	0	0	7.0	105.0		
HUNTER	26.0	377,000	9,049	118,542	2,813	6,236	7,171	2,500		85.6		
BONANZA	30.0	438,600	17,699	113,275	7,619	10,080	3,901	0	47.6	63.3		
COVE FORT	4.0	198,640	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	94,800	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	34.7			
PCP DIESEL	10.0	24,700	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	54,669	1,120	980	0	(0)	44.7			
PacifiCorp	20.0	25,000	5,473	119,030	2,785	2,688	4,895	4,032	55.3	158.7		
Total	180.7	1,633,071	72,541	748,281	27,661	44,880	19,807	9,892	< Avg Cost = 32.8 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	12,059	19,854	0	0	6.0	105.5		
HUNTER	26.0	377,000	4,758	62,329	2,089	2,669	8,103	6,483		97.5		
BONANZA	31.0	453,220	18,201	116,485	7,381	10,820	4,771	92	46.5	74.2		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	63,200	1,488	0	784	704	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	33.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,671	1,107	994	(0)	0	43.7			
PacifiCorp	48.0	124,800	14,215	309,167	7,175	7,040	11,641	9,856	54.2			
Total	210.5	1,723,662	79,171	907,681	32,162	47,008	28,435	19,951	< Avg Cost = 33.2 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,234	20,853	0	0	5.0	109.9		
HUNTER	26.0	377,000	5,075	66,477	1,950	3,125	8,242	6,027		100.5		
BONANZA	31.0	453,220	18,192	116,429	7,396	10,796	4,756	116	45.5	77.2		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	35.5			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	46,270	1,107	994	(0)	0	32.7			
PacifiCorp	60.0	156,000	17,115	372,246	8,667	8,448	14,853	12,672	53.2			
Total	223.9	1,733,287	81,809	967,999	32,313	49,496	31,772	22,335	< Avg Cost = 33.0 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,327	17,922	0	0	5.0	109.8		
HUNTER	26.0	377,000	6,162	80,723	1,783	4,379	7,785	4,773		96.1		
BONANZA	31.0	453,220	16,477	105,455	5,974	10,503	5,434	409	45.1	72.8		
COVE FORT	4.0	198,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	31,600	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	35.1			
PCP DIESEL	10.0	24,700	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	38,560	895	856	0	(0)	32.7			
PacifiCorp	48.0	124,800	11,394	247,829	4,354	7,040	13,310	9,856	52.8			
Total	205.6	1,677,808	71,153	804,877	25,174	45,979	30,208	18,558	< Avg Cost = 34.9 mills			>

[Fiscal Year 1999-00] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	13,559	18,198	0	0	5.0	100.9		
HUNTER	26.0	377,000	10,950	143,444	3,685	7,265	6,923	1,471		77.7		
BONANZA	30.0	438,600	18,954	121,308	8,885	10,070	3,355	10	47.7	55.4		
COVE FORT	4.0	198,640	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	31,600	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	37.7			
PCP DIESEL	10.0	24,700	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	163.5	1,576,569	68,741	624,867	28,169	40,572	14,358	4,842	< Avg Cost = 32.0 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,474	20,717	0	0	5.0	92.6		
HUNTER	26.0	377,000	8,429	110,425	3,188	5,242	6,380	3,910		77.7		
BONANZA	30.0	438,600	20,130	128,831	9,570	10,560	1,470	0	47.7	55.4		
COVE FORT	4.0	198,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	31,600	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	37.7			
PCP DIESEL	10.0	24,700	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	9.0	13,500	0				3,312	3,168				
Total	178.4	1,614,179	68,870	615,548	27,072	41,799	14,842	10,598	< Avg Cost = 32.4 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,247	21,788	0	0	5.0	97.2		
HUNTER	26.0	377,000	10,840	142,000	4,048	6,792	5,728	2,776		78.7		
BONANZA	31.0	453,220	21,935	140,385	10,527	11,408	1,129	0	47.7	55.4		
COVE FORT	4.0	198,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	31,600	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	168,500	3,680	81,107		3,680		0	37.7			
PCP DIESEL	10.0	24,700	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	22,800	0				4,512	4,416				
Total	187.6	1,659,146	75,210	678,726	29,702	45,508	15,129	10,872	< Avg Cost = 31.1 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,879	22,180	0	0	5.0	96.3		
HUNTER	26.0	377,000	11,655	152,684	4,771	6,884	5,421	2,268		76.7		
BONANZA	31.0	453,220	22,668	145,078	11,756	10,912	396	(0)	45.7	53.4		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	134,800	2,816	62,065		2,816		0	37.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	18.0	34,200	0				7,056	6,336				
Total	191.5	1,636,454	76,919	684,175	32,367	44,552	16,792	12,124	< Avg Cost = 30.2 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,593	21,212	0	0	5.0	94.8		
HUNTER	26.0	377,000	9,988	130,843	3,899	6,089	5,253	2,231		75.7		
BONANZA	30.0	438,600	19,153	122,578	9,553	9,600	1,007	(0)	45.7	53.4		
COVE FORT	4.0	198,640	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	31,600	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	134,800	2,560	56,422		2,560		0	37.7			
PCP DIESEL	10.0	24,700	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	18.0	34,200	0				6,336	5,760				
Total	185.6	1,601,944	68,866	613,799	27,805	41,061	16,116	11,191	< Avg Cost = 32.2 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,299	21,734	0	0	5.0	91.0		
HUNTER	26.0	377,000	8,246	108,021	2,875	5,370	7,317	3,782		75.7		
BONANZA	30.0	438,600	19,985	127,903	9,425	10,560	2,335	0	45.7	53.4		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	134,800	2,816	62,065		2,816		0	37.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	8.0	10,000	0				3,136	2,816				
Total	173.9	1,570,865	69,800	613,205	27,559	42,241	16,708	10,118	< Avg Cost = 31.3 mills			>

[Fiscal Year 1999-00]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,368	1551879	65,408	108,960	(17)	0	50.2%	
HUNTER	26.0	2262002	45,498	596029	13,898	31,600	45,798	22,896	39.8%	
BONANZA	31.0	2675462	108,006	691239	44,823	63,183	25,209	753	79.3%	
MEI	4.0	1191841	17,568	20203	9,184	8,384	0	0	100.0%	
MEMBER H	3.0	379200	8,784	0	4,592	4,192	0	0	66.7%	
UP&L SUPP	10.0	1011001	20,960	461958	0	20,960	0	0	47.7%	
PCP DIESEL	10.0	148200	561	25307	221	341	22,739	20,619	1.3%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,452	256672	5,437	5,015	49	0	81.6%	
Pacificorp	60.0	430600	48,196	1048273	22,980	25,216	44,700	36,416	18.3%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	226.0	9860775	434,395	4651560	166,544	267,851	138,477	80,684	< Avg Cost = 33.4 mills	>

[Fiscal Year 1999-00]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	79,051	125,829	0	0	50.1%	
HUNTER	26.0	2262002	60,108	787418	22,467	37,641	37,021	16,439	52.9%	
BONANZA	31.0	2660842	122,826	786084	59,716	63,110	9,692	10	90.7%	
MEI	4.0	1191841	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	189600	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	10.0	909901	18,752	413294	0	18,752	0	0	42.9%	
PCP DIESEL	10.0	148200	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
Pacificorp	18.0	114700	0	0	0	0	24,352	22,496		
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	193.6	9659156	428,406	3830320	172,674	255,732	93,945	59,745	< Avg Cost = 31.5 mills	>

[Fiscal Year 1999-00]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,248	3375311	144,459	234,789	(17)	0	46.3%	
HUNTER	26.0	4524004	105,607	1383447	36,366	69,241	82,818	39,335	46.4%	
BONANZA	31.0	5336304	230,832	1477322	104,539	126,293	34,901	763	85.0%	
MEI	4.0	2383682	35,040	40296	18,336	16,704	0	0	100.0%	
MEMBER H	3.0	568800	13,152	0	6,880	6,272	0	0	50.0%	
UP&L SUPP	10.0	1920902	39,712	875252	0	39,712	0	0	45.3%	
PCP DIESEL	10.0	296400	561	25307	221	341	45,619	41,419	0.6%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,452	256672	5,437	5,015	49	0	40.9%	
Pacificorp	60.0	545300	48,196	1048273	22,980	25,216	69,052	58,912	9.2%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	240.5	19519931	862,801	8481881	339,218	523,583	232,422	140,430	< Avg Cost = 32.5 mills	>

[Load and Current Run Data] B-01
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2000-01] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	79329	145.0	93.5	36059
February	70935	144.6	88.6	33805
March	71826	135.0	86.9	35033
April	65613	128.6	61.3	25809
May	68018	140.6	65.8	26507
June	74576	159.8	74.8	29820
July	81421	162.8	76.7	31913
August	84175	167.6	79.1	32087
September	73232	153.8	73.2	28249
October	71208	136.4	82.5	31757
November	70898	140.1	88.4	33191
December	77609	146.5	93.6	35035
	888,839.4	1760.6		

Weekday Peak/Offpk hours:
oooooooppppppppppppppppo

Run Date: 1-mar-01

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2000-01]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	1.0	26.13							
A PacifiCorp	c	1.25	4.0	24.0	13.0	24.0					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.4	26.13							
A PacifiCorp	c	1.25	3.0	24.0	19.0	24.0					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.9	26.13							
A PacifiCorp	c	1.25	16.0	24.0	17.0	24.0					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.8	26.13							
A PacifiCorp	c	2.60	28.0	24.0	9.0	24.0					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.8	26.13							
A PacifiCorp	c	2.60	32.0	24.0	11.0	24.0					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14435
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.4	26.13							
A PacifiCorp	c	2.60	28.0	24.0	11.0	24.0					

[Fiscal Year 2000-01]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.50	3.0	24.0	17.0	24.0					
NOVEMBER											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.50	4.0	24.0	10.0	24.0					
DECEMBER											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	8.0	24.0	11.0	24.0					
JANUARY											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	13.0	24.0	8.0	24.0					
FEBRUARY											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	12.0	24.0	9.0	24.0					
MARCH											
A WAPA	a	4.09	32.8	8.9	54.1	8.9					10660
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
PCP DIESEL	c	2.55	0.0		10.0	46.90					
PCP STEAM	c	2.55	0.0		0.0	46.90					
DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.25	5.0	24.0	9.0	24.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2000-01] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,717	25,809	229,700	10,263	15,546	0	0	6.0	98.0		
HUNTER	26.0	378,560	9,782	133,035	2,660	7,122	6,908	2,030		76.7		
BONANZA	30.0	505,200	19,166	126,878	8,606	10,560	2,434	(0)	42.7	54.4		
COVE FORT	4.0	201,280	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	33.7			
PCP DIESEL	10.0	25,500	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,287	358	342	(0)	0	41.7			
PacifiCorp	17.0	21,250	3,020	72,480	1,612	1,408	4,644	4,576	50.4	136.3		
Total	159.3	1,579,908	65,613	648,093	25,706	39,907	17,666	10,126	<	Avg Cost = 34.0 mills		>
MAY												
WAPA	65.8	269,122	26,504	235,885	10,406	16,097	(3)	0	7.0	107.3		
HUNTER	26.0	378,560	10,913	148,412	2,062	8,850	7,714	718		78.0		
BONANZA	30.0	505,200	17,586	116,419	6,655	10,930	4,625	110	45.0	55.7		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	*3.0*	*85,620*	*2,232*	*0*	*1,128*	*1,104*	*0*	*0*	*0.0*			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	34.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,720	44,955	855	866	29	0	42.7			
PacifiCorp	22.0	27,500	3,143	75,444	1,028	2,115	7,244	5,981	52.7	104.0		
Total	171.2	1,633,103	68,018	691,866	23,640	44,379	23,368	10,488	<	Avg Cost = 34.2 mills		>
JUNE												
WAPA	74.8	305,932	29,820	265,398	11,105	18,715	0	0	7.0	107.6		
HUNTER	26.0	378,560	7,383	100,415	2,421	4,962	7,979	3,358		91.6		
BONANZA	30.0	505,200	17,145	113,503	7,556	9,589	4,444	11	45.6	69.3		
COVE FORT	4.0	201,280	2,880	3,312	1,600	1,280	0	0	3.0			
MEMBER H	3.0	85,620	2,160	0	1,200	960	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	34.7			
PCP DIESEL	10.0	25,500	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	54,879	1,167	933	0	(0)	42.7			
PacifiCorp	33.0	41,250	10,527	252,640	5,407	5,120	7,793	5,440	53.3			
Total	191.7	1,683,663	74,576	848,693	30,456	44,120	24,216	12,008	<	Avg Cost = 34.0 mills		>
JULY												
WAPA	76.7	313,703	31,913	284,026	11,887	20,026	0	0	6.0	109.3		
HUNTER	26.0	378,560	3,438	46,754	1,469	1,969	8,723	7,183		103.5		
BONANZA	31.0	522,040	17,535	116,080	6,784	10,751	5,368	161	44.5	80.2		
COVE FORT	4.0	201,280	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,488	0	784	704	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	33.7			
PCP DIESEL	10.0	25,500	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,881	1,107	994	(0)	0	41.7			
PacifiCorp	37.0	96,200	19,155	459,716	9,299	9,856	5,205	3,168	52.2			
Total	197.5	1,734,684	81,421	1,029,281	32,897	48,524	23,216	14,032	<	Avg Cost = 33.9 mills		>
AUGUST												
WAPA	79.1	323,519	32,087	285,574	10,686	21,401	0	0	5.0	114.6		
HUNTER	26.0	378,560	3,963	53,891	1,172	2,790	8,604	6,778		106.5		
BONANZA	31.0	522,040	17,478	115,707	6,301	11,178	5,355	230	43.5	83.2		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	32.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,881	1,061	1,039	(0)	0	40.7			
PacifiCorp	43.0	111,800	21,883	525,196	10,107	11,776	6,061	4,048	51.2			
Total	204.9	1,731,560	84,175	1,106,001	31,208	52,968	23,780	14,736	<	Avg Cost = 33.7 mills		>
SEPTEMBER												
WAPA	73.2	299,388	28,249	251,416	11,372	16,877	0	0	5.0	111.8		
HUNTER	26.0	378,560	4,401	59,848	1,560	2,841	8,840	5,479		102.1		
BONANZA	31.0	522,040	16,341	108,177	6,811	9,530	5,589	390	43.1	78.8		
COVE FORT	4.0	201,280	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	28,540	720	0	400	320	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	32.7			
PCP DIESEL	10.0	25,500	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,736	972	778	0	(0)	40.7			
PacifiCorp	39.0	101,400	16,331	391,940	7,371	8,960	8,229	3,520	50.8			
Total	194.6	1,697,029	73,232	918,977	30,086	43,145	26,659	12,589	<	Avg Cost = 35.7 mills		>

[Fiscal Year 2000-01] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,425	31,757	282,637	12,399	19,358	(0)	0	5.0	105.9		
HUNTER	26.0	378,560	12,188	165,757	3,190	8,998	6,586	570		75.8		
BONANZA	30.0	505,200	18,626	123,307	7,588	11,038	3,692	2	45.8	53.5		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	37.8			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	30,000	0				7,520	7,360				
Total	181.5	1,646,826	69,235	642,453	25,057	44,178	21,558	11,612	< Avg Cost = 33.1 mills			>
NOVEMBER												
WAPA	88.4	361,556	33,191	295,400	12,507	20,684	(0)	0	5.0	95.4		
HUNTER	26.0	378,560	10,612	144,322	3,694	6,918	5,874	2,234		75.8		
BONANZA	30.0	505,200	20,580	136,239	10,020	10,560	1,020	(0)	45.8	53.5		
COVE FORT	4.0	201,280	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	28,540	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	37.8			
PCP DIESEL	10.0	25,500	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	14.0	21,000	0				5,152	4,928				
Total	181.4	1,661,957	70,799	643,676	28,061	42,738	15,726	10,682	< Avg Cost = 32.6 mills			>
DECEMBER												
WAPA	93.6	382,824	35,035	311,812	14,704	20,331	0	0	5.0	99.6		
HUNTER	26.0	378,560	13,094	178,082	5,432	7,663	5,176	1,073		76.8		
BONANZA	31.0	522,040	22,557	149,324	12,141	10,416	507	(0)	45.8	53.5		
COVE FORT	4.0	201,280	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	140,320	2,688	61,475		2,688		0	37.8			
PCP DIESEL	10.0	25,500	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	19.0	36,100	0				7,752	6,384				
Total	192.6	1,715,165	77,094	704,115	34,317	42,777	17,516	10,817	< Avg Cost = 31.4 mills			>
JANUARY												
WAPA	93.5	382,415	36,059	320,925	13,149	22,910	0	0	5.0	100.5		
HUNTER	26.0	378,560	13,378	181,941	4,648	8,730	5,128	838		76.8		
BONANZA	31.0	522,040	22,710	150,338	11,302	11,408	354	0	45.8	53.5		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	37.8			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	39,900	0				7,896	7,728				
Total	194.5	1,718,556	78,811	723,956	30,979	47,831	17,138	12,246	< Avg Cost = 31.0 mills			>
FEBRUARY												
WAPA	88.6	362,374	33,805	300,865	12,560	21,245	0	0	5.0	98.2		
HUNTER	26.0	378,560	11,396	154,983	4,215	7,181	4,937	1,139		75.8		
BONANZA	30.0	505,200	19,400	128,430	9,800	9,600	760	(0)	45.8	53.5		
COVE FORT	4.0	201,280	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	28,540	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	37.8			
PCP DIESEL	10.0	25,500	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	39,900	0				7,392	6,720				
Total	188.6	1,681,675	70,521	645,915	28,335	42,186	16,609	11,059	< Avg Cost = 33.0 mills			>
MARCH												
WAPA	86.9	355,421	35,033	311,794	13,901	21,132	0	0	5.0	93.5		
HUNTER	26.0	378,560	9,727	132,289	3,755	5,972	6,853	2,764		75.8		
BONANZA	30.0	505,200	20,657	136,752	10,577	10,080	1,663	0	45.8	53.5		
COVE FORT	4.0	201,280	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	140,320	2,688	61,475		2,688		0	37.8			
PCP DIESEL	10.0	25,500	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	14.0	17,500	0				5,712	4,704				
Total	179.9	1,652,322	71,826	645,732	30,274	41,552	18,307	10,828	< Avg Cost = 32.0 mills			>

[Fiscal Year 2000-01]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762382	174,382	1551999	65,720	108,662	(3)	0	50.2%
HUNTER	26.0	2271362	39,879	542354	11,344	28,535	48,768	25,545	34.9%
BONANZA	31.0	3081722	105,251	696763	42,712	62,539	27,816	901	77.3%
COVE FORT	4.0	1207681	17,568	20203	9,248	8,320	0	0	100.0%
MEMBER H	3.0	342480	8,784	0	4,624	4,160	0	0	66.7%
UP&L SUPP	8.0	841921	16,640	380557	0	16,640	0	0	47.4%
PCP DIESEL	10.0	153000	0	0	0	0	23,120	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,471	273620	5,520	4,952	29	0	81.7%
Pacificorp	43.0	399400	74,059	1777416	34,824	39,235	39,176	26,733	39.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	207.0	10059949	447,035	5242911	173,992	273,042	138,906	73,979	< Avg Cost = 34.2 mills >

[Fiscal Year 2000-01]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182017	204,880	1823432	79,220	125,660	0	0	50.1%
HUNTER	26.0	2271362	70,395	957374	24,934	45,461	34,554	8,619	62.0%
BONANZA	31.0	3064882	124,530	824391	61,428	63,102	7,996	2	92.0%
COVE FORT	4.0	1207681	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	171240	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	841921	16,640	380557	0	16,640	0	0	47.6%
PCP DIESEL	10.0	153000	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
Pacificorp	21.0	184400	0	0	0	0	41,424	37,824	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	194.6	10076503	438,285	4005846	177,023	261,262	106,853	67,245	< Avg Cost = 32.1 mills >

[Fiscal Year 2000-01]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944399	379,262	3375431	144,940	234,322	(3)	0	46.3%
HUNTER	26.0	4542724	110,274	1499728	36,279	73,995	83,321	34,165	48.4%
BONANZA	31.0	6146605	229,781	1521153	104,141	125,641	35,811	903	84.6%
COVE FORT	4.0	2415362	35,040	40296	18,400	16,640	0	0	100.0%
MEMBER H	3.0	513720	13,152	0	6,912	6,240	0	0	50.0%
UP&L SUPP	8.0	1683841	33,280	761114	0	33,280	0	0	47.5%
PCP DIESEL	10.0	306000	0	0	0	0	46,000	41,600	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,471	273620	5,520	4,952	29	0	41.0%
Pacificorp	43.0	583800	74,059	1777416	34,824	39,235	80,600	64,557	19.7%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	221.5	20136452	885,320	9248758	351,015	534,305	245,759	141,225	< Avg Cost = 33.2 mills >

[Load and Current Run Data] B-02
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2001-02] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	81699	149.1	93.5	36059
February	73003	148.5	88.6	33805
March	73948	138.8	86.9	35033
April	67531	132.1	61.3	25809
May	70012	144.4	65.8	26507
June	76712	164.0	74.8	29820
July	83775	167.2	76.7	31913
August	86654	172.2	79.1	32087
September	75410	158.0	73.2	28249
October	73346	140.2	82.5	31757
November	73029	144.1	88.4	33191
December	79927	150.6	93.6	35035
	915,045.8	1,809.2		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-sep-01

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2001-02]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	1.0	26.23							
A PacifiCorp	c	1.25	5.0	24.0	15.0	24.0					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.4	26.23							
A PacifiCorp	c	1.25	3.0	24.0	22.0	24.0					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.9	26.23							
A PacifiCorp	c	1.25	17.0	24.0	20.0	24.0					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.8	26.23							
A PacifiCorp	c	2.60	30.0	24.0	10.0	24.0					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.8	26.23							
A PacifiCorp	c	2.60	35.0	24.0	13.0	24.0					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.4	26.23							
A PacifiCorp	c	2.60	30.0	24.0	13.0	24.0					

[Fiscal Year 2001-02]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FOR6T	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.50	3.0	24.0	20.0	24.0					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.50	5.0	24.0	12.0	24.0					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	7.0	24.0	13.0	24.0					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	14.0	24.0	9.0	24.0					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	13.0	24.0	11.0	24.0					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.25	6.0	24.0	10.0	24.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2001-02] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,251	15,558	0	0	6.0	101.3		
HUNTER	26.0	398,840	10,725	151,220	2,822	7,903	6,746	1,249		77.7		
BONANZA	30.0	461,700	19,318	132,133	8,758	10,560	2,282	(0)	42.7	55.4		
COVE FORT	4.0	204,840	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	33.7			
PCP DIESEL	10.0	26,400	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,357	358	342	(0)	0	41.7			
PacifiCorp	20.0	25,000	3,843	92,241	2,083	1,760	5,277	5,280	50.4	137.3		
Total	162.3	1,570,500	67,531	693,843	26,479	41,051	17,985	10,049	<	Avg Cost =		>
									<	33.5 mills		>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,856	15,651	0	0	7.0	110.0		
HUNTER	26.0	398,840	11,232	158,366	2,698	8,534	7,494	618		78.0		
BONANZA	30.0	461,700	18,279	125,027	7,755	10,523	4,005	37	45.0	55.7		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	3.0			
MEMBER H	3.0	85,620	2,232	0	1,176	1,056	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	34.7			
PCP DIESEL	10.0	26,400	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,900	922	828	0	0	42.7			
PacifiCorp	25.0	31,250	4,221	101,304	1,351	2,870	8,449	5,930	52.7	104.0		
Total	174.2	1,623,756	70,012	736,811	26,327	43,685	23,867	10,105	<	Avg Cost =		>
									<	33.7 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,635	19,185	0	0	7.0	112.9		
HUNTER	26.0	398,840	8,769	123,640	2,264	6,504	7,720	2,232		92.6		
BONANZA	30.0	461,700	17,155	117,340	7,082	10,073	4,438	7	45.6	70.3		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	85,620	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	34.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,089	1,120	980	0	(0)	42.7			
PacifiCorp	37.0	46,250	11,140	267,351	5,428	5,712	8,780	6,720	53.3	165.7		
Total	195.7	1,675,321	76,712	895,970	29,217	47,495	24,778	12,318	<	Avg Cost =		>
									<	33.5 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,258	20,655	0	0	6.0	113.7		
HUNTER	26.0	398,840	4,367	61,575	1,514	2,853	8,262	6,715		105.5		
BONANZA	31.0	477,090	17,531	119,910	6,293	11,238	5,363	170	44.5	82.2		
COVE FORT	4.0	204,840	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	57,080	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	33.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,091	1,061	1,039	(0)	0	41.7			
PacifiCorp	40.0	104,000	20,456	490,953	9,416	11,040	5,624	3,680	52.2			
Total	200.5	1,727,692	83,775	1,084,896	31,799	51,976	23,009	14,245	<	Avg Cost =		>
									<	33.6 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,259	20,828	0	0	5.0	117.7		
HUNTER	26.0	398,840	4,206	59,308	1,456	2,750	8,736	6,402		109.5		
BONANZA	31.0	477,090	17,513	119,791	6,803	10,710	5,349	202	43.5	86.2		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	28,540	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	32.7			
PCP DIESEL	10.0	26,400	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,091	1,107	994	(0)	0	40.7			
PacifiCorp	48.0	124,800	24,211	581,075	11,891	12,320	6,925	4,576	51.2			
Total	209.9	1,729,977	86,654	1,171,143	34,476	52,178	24,929	14,700	<	Avg Cost =		>
									<	33.5 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,807	17,443	0	0	5.0	116.5		
HUNTER	26.0	398,840	5,252	74,052	1,487	3,764	8,497	4,972		104.1		
BONANZA	31.0	477,090	16,356	111,875	6,351	10,005	5,553	411	43.1	80.8		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	28,540	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	32.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,911	934	817	0	(0)	40.7			
PacifiCorp	43.0	111,800	17,515	420,355	7,435	10,080	9,077	4,368	50.8			
Total	198.6	1,692,698	75,410	970,763	28,933	46,477	26,967	13,111	<	Avg Cost =		>
									<	35.3 mills		>

[Fiscal Year 2001-02] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,388	19,369	0	0	5.0	109.5		
HUNTER	26.0	398,840	12,501	176,259	3,436	9,064	6,340	504		75.7		
BONANZA	30.0	461,700	19,020	130,097	7,980	11,040	3,300	(0)	45.7	53.4		
COVE FOR6	4.0	204,840	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	37.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	23.0	34,500	0				8,648	8,464				
Total	184.5	1,638,189	69,942	662,336	25,684	44,257	22,048	12,648	< Avg Cost = 32.9 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,148	20,043	0	0	5.0	98.4		
HUNTER	26.0	398,840	12,199	172,012	4,577	7,622	5,407	1,114		75.7		
BONANZA	30.0	461,700	20,967	143,416	10,887	10,080	633	0	45.7	53.4		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	28,540	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	37.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	17.0	25,500	0				6,528	5,712				
Total	184.4	1,653,299	72,646	677,980	30,532	42,113	16,408	10,186	< Avg Cost = 32.1 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,930	21,105	0	0	5.0	103.4		
HUNTER	26.0	398,840	14,550	205,160	5,398	9,152	4,794	(0)		76.7		
BONANZA	31.0	477,090	22,738	155,530	11,826	10,912	326	(0)	45.7	53.4		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	28,540	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	37.7			
PCP DIESEL	10.0	26,400	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	38,000	0				7,840	7,040				
Total	193.6	1,702,236	78,860	742,804	33,115	45,745	16,879	10,560	< Avg Cost = 31.0 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,113	22,946	0	0	5.0	104.1		
HUNTER	26.0	398,840	14,698	207,245	5,130	9,568	4,646	(0)		76.7		
BONANZA	31.0	477,090	22,881	156,505	11,473	11,408	183	0	45.7	53.4		
COVE FORT	4.0	204,840	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	37.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	23.0	43,700	0				8,648	8,464				
Total	196.5	1,707,544	80,302	758,018	31,596	48,706	17,237	12,144	< Avg Cost = 30.7 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,523	21,282	0	0	5.0	101.7		
HUNTER	26.0	398,840	6,786	95,680	2,626	4,159	6,526	4,161		88.7		
BONANZA	30.0	461,700	17,767	121,529	8,167	9,600	2,393	0	45.7	66.4		
COVE FORT	4.0	204,840	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	28,540	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	145,840	2,560	60,800		2,560		0	37.7			
PCP DIESEL	10.0	26,400	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	24.0	45,600	8,724	209,387	4,564	4,160	3,884	3,520	53.4			
Total	191.6	1,674,164	73,003	791,352	29,642	43,361	16,322	10,881	< Avg Cost = 33.8 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,862	21,171	0	0	5.0	97.1		
HUNTER	26.0	398,840	11,353	160,080	4,163	7,190	6,445	1,546		75.7		
BONANZA	30.0	461,700	20,920	143,095	10,840	10,080	1,400	0	45.7	53.4		
COVE FORT	4.0	204,840	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	37.7			
PCP DIESEL	10.0	26,400	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	16.0	20,000	0				6,528	5,376				
Total	181.9	1,641,685	73,714	682,230	30,906	42,809	18,452	10,282	< Avg Cost = 31.5 mills			>

[Fiscal Year 2001-02]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,065	109,320	0	0	50.2%
HUNTER	26.0	2393042	44,550	628161	12,242	32,309	47,454	22,187	39.0%
BONANZA	31.0	2816372	106,152	726077	43,042	63,110	26,990	826	78.0%
MEI	4.0	1229041	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	342480	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	8.0	875041	16,768	398240	0	16,768	0	0	47.7%
PCP DIESEL	10.0	158400	0	0	0	0	22,960	20,960	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	275439	5,501	5,000	0	0	82.0%
PacifiCorp	48.0	443100	81,387	1953279	37,605	43,782	44,131	30,554	38.6%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	212.0	10019945	460,095	5553427	177,231	282,863	141,535	74,528	< Avg Cost = 33.8 mills >

[Fiscal Year 2001-02]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	78,964	125,916	0	0	50.1%
HUNTER	26.0	2393042	72,088	1016436	25,332	46,756	34,156	7,324	63.5%
BONANZA	31.0	2800982	124,294	850173	61,174	63,120	8,234	0	91.8%
MEI	4.0	1229041	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	171240	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	875041	16,640	395200	0	16,640	0	0	47.6%
PCP DIESEL	10.0	158400	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
PacifiCorp	24.0	207300	8,724	209387	4,564	4,160	42,076	38,576	8.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	197.6	10017116	448,466	4314721	181,474	266,992	107,345	66,700	< Avg Cost = 32.0 mills >

[Fiscal Year 2001-02]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	144,029	235,236	0	0	46.3%
HUNTER	26.0	4786084	116,638	1644597	37,574	79,064	81,610	29,512	51.2%
BONANZA	31.0	5617354	230,446	1576249	104,216	126,230	35,224	826	84.9%
MEI	4.0	2458082	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	513720	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	8.0	1750081	33,408	793440	0	33,408	0	0	47.7%
PCP DIESEL	10.0	316800	0	0	0	0	45,840	41,760	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	275439	5,501	5,000	0	0	41.1%
PacifiCorp	48.0	650401	90,111	2162667	42,169	47,942	86,207	69,130	21.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	226.5	20037061	908,561	9868148	358,706	549,855	248,881	141,228	< Avg Cost = 32.9 mills >

[Load and Current Run Data] B-03
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2002-03] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	83128	151.6	93.5	36059
February	74273	151.1	88.6	33805
March	75242	141.2	86.9	35033
April	68704	134.4	61.3	25809
May	71230	146.9	65.8	26507
June	78053	166.9	74.8	29820
July	85241	170.1	76.7	31913
August	88173	175.2	79.1	32087
September	76728	160.7	73.2	28249
October	74627	142.5	82.5	31757
November	74296	146.5	88.4	33191
December	81319	153.2	93.6	35035
	931,014.4	1840.3		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-sep-02

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2002-03]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	1.0	26.32							
A PacifiCorp	c	2.15	5.0	25.2	20.0	25.2					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.4	26.32							
A PacifiCorp	c	2.15	3.0	25.2	30.0	25.2					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.9	26.32							
A PacifiCorp	c	2.15	19.0	25.2	27.0	25.2					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.8	26.32							
A PacifiCorp	c	2.15	32.0	25.2	14.0	25.2					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.8	26.32							
A PacifiCorp	c	2.15	37.0	25.2	18.0	25.2					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.4	26.32							
A PacifiCorp	c	2.15	32.0	25.2	18.0	25.2					

[Fiscal Year 2002-03]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	3.0	25.2	27.0	25.2					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	5.0	25.2	16.0	25.2					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	9.0	25.2	17.0	25.2					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	15.0	25.2	12.0	25.2					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	14.0	25.2	15.0	25.2					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	6.0	25.2	14.0	25.2					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2002-03] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,235	15,574	0	0	6.0	103.5		
HUNTER	26.0	405,600	11,639	169,935	2,970	8,669	6,598	483		77.7		
BONANZA	30.0	509,700	19,466	137,820	8,906	10,560	2,134	(0)	42.7	55.4		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	33.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,420	358	342	(0)	0	41.7			
PacifiCorp	25.0	53,700	3,954	99,631	2,194	1,760	7,006	7,040	50.4	137.3		
Total	167.3	1,651,140	68,704	728,232	26,871	41,833	19,418	11,043	<	Avg Cost = 34.6 mills		>
MAY												
WAPA	65.8	269,265	26,507	235,912	11,300	15,207	0	0	7.0	111.6		
HUNTER	26.0	405,600	11,321	165,293	3,111	8,210	7,497	526		78.0		
BONANZA	30.0	509,700	18,841	133,397	8,772	10,069	3,468	11	45.0	55.7		
COVE FORT	4.0	207,000	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	8.0	151,440	2,688	66,259		2,688		0	34.7			
PCP DIESEL	10.0	27,300	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,057	960	790	0	0	42.7			
PacifiCorp	33.0	70,950	4,915	123,851	1,654	3,261	11,810	7,827	52.7	104.0		
Total	182.2	1,709,657	71,230	774,192	28,653	42,578	26,855	11,723	<	Avg Cost = 34.9 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	116.6		
HUNTER	26.0	405,600	9,226	134,705	1,931	7,295	7,637	1,857		94.6		
BONANZA	30.0	509,700	16,889	119,577	6,354	10,536	4,686	24	45.6	72.3		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	34.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,278	1,073	1,027	0	(0)	42.7			
PacifiCorp	46.0	98,900	12,161	306,454	5,473	6,688	11,455	9,504	53.3			
Total	204.7	1,774,171	78,053	954,139	27,599	50,454	27,458	14,905	<	Avg Cost = 35.0 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,268	20,645	0	0	6.0	115.9		
HUNTER	26.0	405,600	4,458	65,083	1,529	2,929	8,247	6,639		107.5		
BONANZA	31.0	526,690	17,497	123,880	6,262	11,235	5,394	173	44.5	84.2		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	33.7			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,280	1,061	1,039	(0)	0	41.7			
PacifiCorp	46.0	98,900	21,865	550,990	10,089	11,776	7,207	5,152	52.2			
Total	206.5	1,776,132	85,241	1,155,251	32,466	52,775	24,608	15,644	<	Avg Cost = 34.4 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,791	20,296	0	0	5.0	119.3		
HUNTER	26.0	405,600	4,160	60,739	1,629	2,531	8,979	6,205		111.5		
BONANZA	31.0	526,690	17,551	124,258	7,298	10,253	5,350	163	43.5	88.2		
COVE FORT	4.0	207,000	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	151,440	2,688	66,259		2,688		0	32.7			
PCP DIESEL	10.0	27,300	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,280	1,152	949	(0)	0	40.7			
PacifiCorp	55.0	118,250	25,867	651,846	13,435	12,432	9,005	6,048	51.2			
Total	216.9	1,782,707	88,173	1,247,380	37,345	50,828	27,414	15,776	<	Avg Cost = 34.4 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,285	17,964	0	0	5.0	119.8		
HUNTER	26.0	405,600	5,704	83,275	1,382	4,322	8,186	4,830		106.1		
BONANZA	31.0	526,690	16,284	115,287	5,852	10,432	5,556	480	43.1	82.8		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	32.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,068	895	856	0	(0)	40.7			
PacifiCorp	50.0	107,500	18,325	461,797	7,062	11,263	11,338	6,337	50.8			
Total	205.6	1,747,678	76,728	1,030,572	27,315	49,413	28,760	15,167	<	Avg Cost = 36.2 mills		>

[Fiscal Year 2002-03] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,387	19,370	0	0	5.0	111.6		
HUNTER	26.0	405,600	12,326	179,963	3,310	9,016	6,466	552		78.7		
BONANZA	30.0	509,700	18,810	133,177	7,770	11,040	3,510	0	45.7	56.4		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	37.7			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	5,069	127,747	1,717	3,352	9,563	7,688	53.4	104.7		
Total	191.5	1,725,869	74,627	799,516	27,065	47,562	23,298	11,920	< Avg Cost = 33.8 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,760	19,431	0	0	5.0	100.1		
HUNTER	26.0	405,600	13,089	191,097	5,292	7,797	5,108	523		75.7		
BONANZA	30.0	509,700	21,241	150,388	11,641	9,600	359	(0)	45.7	53.4		
COVE FORT	4.0	207,000	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	22,800	720	0	400	320	0	0	0.0			
UP&L SUPP	8.0	151,440	2,560	63,104		2,560		0	37.7			
PCP DIESEL	10.0	27,300	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	0				8,400	6,720				
Total	188.4	1,730,629	73,681	703,301	32,693	40,988	17,867	10,443	< Avg Cost = 33.0 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,238	21,797	0	0	5.0	106.2		
HUNTER	26.0	405,600	11,306	165,063	3,784	7,522	5,992	2,046		85.7		
BONANZA	31.0	526,690	21,444	151,824	10,036	11,408	1,620	0	45.7	62.4		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	37.7			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	6,871	173,143	3,559	3,312	6,217	6,256	53.4	172.6		
Total	199.6	1,779,416	81,319	877,833	32,496	48,823	17,589	11,982	< Avg Cost = 32.7 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,872	22,187	0	0	5.0	105.9		
HUNTER	26.0	405,600	15,195	221,848	6,043	9,152	4,149	0		76.7		
BONANZA	31.0	526,690	22,988	162,756	12,076	10,912	76	(0)	45.7	53.4		
COVE FORT	4.0	207,000	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	37.7			
PCP DIESEL	10.0	27,300	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	0				10,584	9,504				
Total	200.5	1,781,174	80,778	778,366	33,952	46,827	18,729	13,024	< Avg Cost = 31.7 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,498	21,307	0	0	5.0	104.0		
HUNTER	26.0	405,600	7,345	107,244	2,786	4,560	6,366	3,760		89.7		
BONANZA	30.0	509,700	17,806	126,064	8,206	9,600	2,354	0	45.7	67.4		
COVE FORT	4.0	207,000	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	151,440	2,560	63,104		2,560		0	37.7			
PCP DIESEL	10.0	27,300	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	9,397	236,800	4,917	4,480	5,291	4,800	53.4			
Total	196.6	1,748,594	74,273	837,167	30,166	44,107	17,532	11,760	< Avg Cost = 34.8 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,166	21,867	0	0	5.0	100.1		
HUNTER	26.0	405,600	12,439	181,606	3,860	8,579	6,332	573		75.7		
BONANZA	30.0	509,700	20,879	147,820	10,319	10,560	1,441	(0)	45.7	53.4		
COVE FORT	4.0	207,000	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	37.7			
PCP DIESEL	10.0	27,300	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	0				7,840	7,040				
Total	185.9	1,722,365	74,886	714,057	29,304	45,582	19,533	11,133	< Avg Cost = 32.5 mills			>

[Fiscal Year 2002-03]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,071	109,314	0	0	50.2%
HUNTER	26.0	2433602	46,509	679031	12,553	33,956	47,143	20,540	40.7%
BONANZA	31.0	3109172	106,528	754219	43,443	63,085	26,589	851	78.2%
COVE FORT	4.0	1242001	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	8.0	908641	16,768	413331	0	16,768	0	0	47.7%
PCP DIESEL	10.0	163800	0	0	0	0	22,960	20,960	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	276384	5,499	5,002	0	0	82.0%
Pacificorp	55.0	548200	87,086	2194570	39,906	47,180	57,822	41,908	36.1%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	219.0	10441485	468,129	5889767	180,247	287,882	154,514	84,259	< Avg Cost = 34.9 mills >

[Fiscal Year 2002-03]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	78,920	125,960	0	0	50.1%
HUNTER	26.0	2433602	71,700	1046822	25,075	46,625	34,413	7,455	63.1%
BONANZA	31.0	3092182	123,168	872028	60,048	63,120	9,360	0	91.0%
COVE FORT	4.0	1242001	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	908641	16,640	410176	0	16,640	0	0	47.6%
PCP DIESEL	10.0	163800	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
Pacificorp	30.0	328950	21,337	537690	10,193	11,144	47,895	42,008	16.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	203.6	10488047	459,565	4710241	185,676	273,889	114,548	70,263	< Avg Cost = 33.1 mills >

[Fiscal Year 2002-03]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	143,991	235,274	0	0	46.3%
HUNTER	26.0	4867204	118,209	1725853	37,628	80,581	81,556	27,995	51.9%
BONANZA	31.0	6201355	229,696	1626247	103,491	126,205	35,949	851	84.6%
COVE FORT	4.0	2484002	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	8.0	1817281	33,408	823507	0	33,408	0	0	47.7%
PCP DIESEL	10.0	327600	0	0	0	0	45,840	41,760	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	276384	5,499	5,002	0	0	41.1%
Pacificorp	55.0	877151	108,423	2732260	50,099	58,324	105,717	83,916	22.5%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	233.5	20929532	927,694	10600007	365,923	561,771	269,062	154,522	< Avg Cost = 34.0 mills >

[Load and Current Run Data] B-04
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2003-04] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	85125	155.1	93.5	36059
February	76026	154.5	88.6	33805
March	77037	144.4	86.9	35033
April	70328	137.5	61.3	25809
May	72918	150.2	65.8	26507
June	79878	170.7	74.8	29820
July	87246	173.9	76.7	31913
August	90273	179.1	79.1	32087
September	78566	164.4	73.2	28249
October	76424	145.8	82.5	31757
November	76083	149.9	88.4	33191
December	83270	156.7	93.6	35035
	953,174.5	1,882.1		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-sep-03

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2003-04]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	1.0	26.42							
A PacifiCorp	c	2.15	5.0	26.5	20.0	26.5					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.4	26.42							
A PacifiCorp	c	2.15	3.0	26.5	30.0	26.5					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.9	26.42							
A PacifiCorp	c	2.15	19.0	26.5	27.0	26.5					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.8	26.42							
A PacifiCorp	c	2.15	32.0	26.5	14.0	26.5					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.8	26.42							
A PacifiCorp	c	2.15	37.0	26.5	18.0	26.5					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.4	26.42							
A PacifiCorp	c	2.15	32.0	26.5	18.0	26.5					

[Fiscal Year 2003-04]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	3.0	26.5	27.0	26.5					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	5.0	26.5	16.0	26.5					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	9.0	26.5	17.0	26.5					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	15.0	26.5	12.0	26.5					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	14.0	26.5	15.0	26.5					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	6.0	26.5	14.0	26.5					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2003-04] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,722	15,087	0	0	6.0	105.5		
HUNTER	26.0	386,360	12,061	182,122	3,666	8,395	6,318	341		77.7		
BONANZA	30.0	486,300	19,987	146,303	9,907	10,080	1,613	(0)	42.7	55.4		
COVE FORT	4.0	212,800	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	768	672	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	33.7			
PCP DIESEL	*10.0*	*28,200*	*0*				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,490	373	327	(0)	0	41.7			
PacifiCorp	25.0	53,750	4,763	126,224	2,526	2,237	7,074	6,163	50.4	103.7		
Total	167.3	1,620,770	70,328	774,937	29,498	40,830	18,845	9,864	< Avg Cost = 34.1 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,856	15,651	0	0	7.0	115.2		
HUNTER	26.0	386,360	11,532	174,137	2,894	8,638	7,298	514		78.0		
BONANZA	30.0	486,300	18,900	138,348	8,348	10,552	3,412	8	45.0	55.7		
COVE FORT	4.0	212,800	2,976	3,422	1,568	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,176	1,056	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	34.7			
PCP DIESEL	*10.0*	*28,200*	*0*				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,232	922	828	0	0	42.7			
PacifiCorp	33.0	70,950	6,205	164,429	1,668	4,537	11,268	7,079	52.7	104.0		
Total	182.2	1,679,236	72,918	834,542	27,432	45,486	25,898	11,121	< Avg Cost = 34.5 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	119.8		
HUNTER	26.0	386,360	10,543	159,195	2,191	8,351	7,377	801		94.6		
BONANZA	30.0	486,300	17,095	125,139	6,544	10,552	4,496	8	45.6	72.3		
COVE FORT	4.0	212,800	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	34.7			
PCP DIESEL	*10.0*	*28,200*	*0*				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,488	1,073	1,027	0	(0)	42.7			
PacifiCorp	46.0	98,900	12,463	330,277	5,721	6,743	11,207	9,449	53.3	167.7		
Total	204.7	1,743,751	79,878	1,010,870	28,296	51,581	26,761	13,778	< Avg Cost = 34.5 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,268	20,645	0	0	6.0	118.9		
HUNTER	26.0	386,360	5,851	88,355	1,860	3,992	7,916	5,576		107.5		
BONANZA	31.0	502,510	17,761	130,010	6,469	11,292	5,187	116	44.5	84.2		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	33.7			
PCP DIESEL	10.0	28,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,490	1,061	1,039	(0)	0	41.7			
PacifiCorp	46.0	98,900	22,213	588,642	10,437	11,776	6,859	5,152	52.2			
Total	206.5	1,744,932	87,246	1,225,281	33,351	53,895	23,722	14,525	< Avg Cost = 34.0 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,768	20,319	0	0	5.0	122.8		
HUNTER	*26.0*	*386,360*	*5,705*	*86,144*	*2,064*	*3,640*	*8,544*	*5,096*		*111.5*		
BONANZA	31.0	502,510	17,809	130,362	7,502	10,307	5,146	109	43.5	88.2		
COVE FORT	4.0	212,800	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	32.7			
PCP DIESEL	10.0	28,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,490	1,152	949	(0)	0	40.7			
PacifiCorp	55.0	118,250	26,164	693,345	13,732	12,432	8,708	6,048	51.2			
Total	216.9	1,751,507	90,273	1,323,124	38,258	52,015	26,477	14,613	< Avg Cost = 34.1 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,266	17,983	0	0	5.0	123.3		
HUNTER	*26.0*	*386,360*	*7,126*	*107,597*	*1,686*	*5,439*	*7,882*	*3,713*		*106.1*		
BONANZA	31.0	502,510	16,443	120,364	5,974	10,469	5,434	443	43.1	82.8		
COVE FORT	4.0	212,800	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	32.7			
PCP DIESEL	10.0	28,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,243	895	856	0	(0)	40.7			
PacifiCorp	50.0	107,500	18,581	492,406	7,317	11,264	11,083	6,336	50.8			
Total	205.6	1,716,478	78,566	1,093,402	27,979	50,587	28,078	14,012	< Avg Cost = 35.8 mills			>

[Fiscal Year 2003-04] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,932	18,825	0	0	5.0	113.9		
HUNTER	26.0	386,360	12,655	191,094	3,949	8,706	6,243	446		78.7		
BONANZA	30.0	486,300	19,301	141,280	8,741	10,560	3,019	0	45.7	56.4		
COVE FORT	4.0	212,800	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	37.7			
PCP DIESEL	10.0	28,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	6,176	163,655	2,206	3,970	9,554	6,590	53.4	104.7		
Total	191.5	1,695,449	76,424	854,150	29,787	46,637	22,737	10,556	< Avg Cost = 33.4 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,035	20,156	0	0	5.0	103.7		
HUNTER	26.0	386,360	11,977	180,855	4,255	7,722	5,729	1,014		80.7		
BONANZA	30.0	486,300	20,673	151,326	10,593	10,080	927	0	45.7	58.4		
COVE FORT	4.0	212,800	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	22,800	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	37.7			
PCP DIESEL	10.0	28,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	3,954	104,775	2,274	1,680	5,790	5,376	53.4	162.4		
Total	188.4	1,700,209	76,083	804,454	32,077	44,006	16,286	9,750	< Avg Cost = 32.9 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,204	21,831	0	0	5.0	109.4		
HUNTER	26.0	386,360	12,758	192,643	4,054	8,703	5,722	865		85.7		
BONANZA	31.0	502,510	21,690	158,774	10,282	11,408	1,374	(0)	45.7	62.4		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	37.7			
PCP DIESEL	10.0	28,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	7,123	188,763	3,811	3,312	5,965	6,256	53.4	172.6		
Total	199.6	1,748,216	83,270	930,750	33,232	50,039	16,820	10,801	< Avg Cost = 32.2 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,553	21,506	0	0	5.0	108.3		
HUNTER	26.0	386,360	9,701	146,480	4,146	5,555	6,462	3,181		91.7		
BONANZA	31.0	502,510	21,797	159,555	11,381	10,416	1,267	0	45.7	68.4		
COVE FORT	4.0	212,800	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	37.7			
PCP DIESEL	10.0	28,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	11,160	295,740	6,120	5,040	4,896	4,032	53.4			
Total	200.5	1,749,974	85,125	994,909	38,240	46,885	16,705	10,573	< Avg Cost = 32.2 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,467	21,338	0	0	5.0	107.0		
HUNTER	26.0	386,360	8,788	132,693	3,253	5,535	5,899	2,785		89.7		
BONANZA	30.0	486,300	18,106	132,533	8,506	9,600	2,054	0	45.7	67.4		
COVE FORT	4.0	212,800	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	156,960	2,560	65,510		2,560		0	37.7			
PCP DIESEL	10.0	28,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	9,408	249,312	4,928	4,480	5,280	4,800	53.4			
Total	196.6	1,718,174	76,026	884,005	30,913	45,113	16,754	10,785	< Avg Cost = 34.2 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,558	22,475	0	0	5.0	103.9		
HUNTER	26.0	386,360	13,255	200,155	3,690	9,565	6,086	3		75.7		
BONANZA	30.0	486,300	20,789	152,176	9,749	11,040	1,531	(0)	45.7	53.4		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	37.7			
PCP DIESEL	10.0	28,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	0				7,520	7,360				
Total	185.9	1,691,945	75,741	742,884	27,878	47,864	18,897	11,043	< Avg Cost = 32.1 mills			>

[Fiscal Year 2003-04]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552028	65,072	109,314	0	0	50.2%	
HUNTER	26.0	2318162	52,818	797551	14,361	38,456	45,335	16,040	46.3%	
BONANZA	31.0	2966432	107,995	790525	44,744	63,251	25,288	685	79.3%	
COVE FORT	4.0	1276801	17,568	20203	9,184	8,384	0	0	100.0%	
MEMBER H	3.0	273600	8,784	0	4,576	4,208	0	0	66.7%	
UP&L SUPP	8.0	941761	16,768	429093	0	16,768	0	0	47.7%	
PCP DIESEL	10.0	169200	0	0	0	0	22,960	20,960		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	277434	5,477	5,024	0	0	82.0%	
Pacificorp	55.0	548250	90,390	2395322	41,401	48,989	56,199	40,227	37.4%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	219.0	10256675	479,209	6262156	184,814	294,394	149,782	77,912	< Avg Cost = 34.5 mills	>

[Fiscal Year 2003-04]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	78,749	126,131	0	0	50.1%	
HUNTER	26.0	2318162	69,134	1043920	23,347	45,787	36,141	8,293	60.9%	
BONANZA	31.0	2950222	122,356	895645	59,252	63,104	10,172	0	90.4%	
COVE FORT	4.0	1276801	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	8.0	941761	16,640	425818	0	16,640	0	0	47.6%	
PCP DIESEL	10.0	169200	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
Pacificorp	30.0	328950	37,821	1002245	19,339	18,482	39,005	34,414	28.9%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	203.6	10303966	472,670	5211153	192,127	280,543	108,198	63,507	< Avg Cost = 32.8 mills	>

[Fiscal Year 2003-04]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,265	3375460	143,821	235,444	0	0	46.3%	
HUNTER	26.0	4636324	121,952	1841470	37,708	84,243	81,476	24,333	53.5%	
BONANZA	31.0	5916655	230,351	1686170	103,996	126,355	35,460	685	84.8%	
COVE FORT	4.0	2553602	35,040	40296	18,336	16,704	0	0	100.0%	
MEMBER H	3.0	410400	13,152	0	6,864	6,288	0	0	50.0%	
UP&L SUPP	8.0	1883522	33,408	854911	0	33,408	0	0	47.7%	
PCP DIESEL	10.0	338400	0	0	0	0	45,840	41,760		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	277434	5,477	5,024	0	0	41.1%	
Pacificorp	55.0	877201	128,210	3397568	60,740	67,470	95,204	74,642	26.6%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	233.5	20560642	951,879	11473309	376,941	574,938	257,980	141,419	< Avg Cost = 33.7 mills	>

[Load and Current Run Data] B-05
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2004-05] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	87185	158.7	93.5	36059
February	77834	158.0	88.6	33805
March	78888	147.7	86.9	35033
April	72002	140.6	61.3	25809
May	74658	153.7	65.8	26507
June	81758	174.5	74.8	29820
July	89314	177.8	76.7	31913
August	92439	183.2	79.1	32087
September	80461	168.1	73.2	28249
October	78279	149.1	82.5	31757
November	77926	153.3	88.4	33191
December	85283	160.3	93.6	35035
	976,029	1925.0		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-sep-04

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2004-05]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	27.8	20.0	27.8					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	27.8	30.0	27.8					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	27.8	27.0	27.8					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	27.8	14.0	27.8					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	27.8	18.0	27.8					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	32.0	27.8	18.0	27.8					

[Fiscal Year 2004-05]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	27.8	27.0	27.8					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	27.8	16.0	27.8					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	27.8	17.0	27.8					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	27.8	12.0	27.8					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	27.8	15.0	27.8					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	27.8	14.0	27.8					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2004-05] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	11,194	14,615	0	0	6.0	108.0		
HUNTER	26.0	386,360	12,370	221,415	4,300	8,069	6,100	251		77.7		
BONANZA	30.0	537,000	20,472	154,971	10,872	9,600	1,128	(0)	42.7	55.4		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	800	640	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	34.7			
PCP DIESEL	10.0	29,200	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	389	311	(0)	0	33.7			
PacifiCorp	25.0	53,750	5,772	160,470	2,892	2,880	7,108	5,120	50.4	103.7		
Total	167.3	1,674,790	72,002	856,446	32,047	39,955	18,336	8,571	< Avg Cost = 35.2 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	119.0		
HUNTER	26.0	386,360	11,851	212,136	2,813	9,038	6,963	530		78.0		
BONANZA	30.0	537,000	18,744	141,892	7,713	11,031	3,567	9	45.0	55.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.0			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,407	884	866	0	0	34.7			
PacifiCorp	33.0	70,950	7,654	212,786	1,698	5,956	10,710	6,188	52.7	104.0		
Total	182.2	1,733,257	74,658	930,778	26,153	48,505	25,000	10,407	< Avg Cost = 35.7 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	122.7		
HUNTER	26.0	386,360	11,091	198,535	2,440	8,651	7,128	501		94.6		
BONANZA	30.0	537,000	17,358	131,402	6,798	10,560	4,242	0	45.6	72.3		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.6			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,073	1,027	0	(0)	34.7			
PacifiCorp	46.0	98,900	13,533	376,204	6,053	7,480	10,875	8,712	53.3	120.6		
Total	204.7	1,797,771	81,758	1,105,370	29,132	52,627	25,925	12,733	< Avg Cost = 35.5 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	12,532	19,381	0	0	6.0	121.3		
HUNTER	26.0	386,360	7,236	129,532	2,759	4,477	7,849	4,259		107.5		
BONANZA	31.0	554,900	18,103	137,039	7,717	10,386	4,931	30	44.5	84.2		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	816	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	36.5			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,152	949	(0)	0	33.7			
PacifiCorp	46.0	98,900	22,809	634,093	12,057	10,752	6,711	4,704	52.2			
Total	206.5	1,800,642	89,314	1,315,233	38,666	50,648	23,570	12,353	< Avg Cost = 34.9 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,603	21,484	0	0	5.0	128.3		
HUNTER	26.0	386,360	7,797	139,561	1,967	5,830	7,809	3,738		111.5		
BONANZA	31.0	554,900	17,871	135,284	6,579	11,292	5,077	116	43.5	88.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	35.5			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	25,920	720,571	12,304	13,616	8,376	6,624	51.2			
Total	216.9	1,807,217	92,439	1,418,334	34,394	58,044	25,022	14,159	< Avg Cost = 34.9 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,264	17,986	0	0	5.0	126.5		
HUNTER	26.0	386,360	8,414	150,607	1,936	6,478	7,632	2,674		106.1		
BONANZA	31.0	554,900	16,616	125,781	6,093	10,523	5,315	389	43.1	82.8		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	35.1			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	895	856	0	(0)	32.7			
PacifiCorp	50.0	107,500	19,016	528,648	7,752	11,264	10,648	6,336	50.8	177.6		
Total	205.6	1,772,189	80,461	1,181,005	28,779	51,682	27,275	12,919	< Avg Cost = 36.7 mills			>

[Fiscal Year 2004-05] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	13,475	18,282	0	0	5.0	116.4		
HUNTER	26.0	386,360	12,960	231,982	4,551	8,409	6,057	327		78.7		
BONANZA	30.0	537,000	19,919	150,788	9,839	10,080	2,401	0	45.7	56.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.7			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	7,235	201,133	2,645	4,590	9,595	5,490	53.4	104.7		
Total	191.5	1,749,469	78,279	941,383	32,551	45,728	22,132	9,177	< Avg Cost = 34.4 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,385	20,806	0	0	5.0	107.4		
HUNTER	26.0	386,360	13,244	237,075	4,101	9,143	5,467	9		80.7		
BONANZA	30.0	537,000	20,688	156,608	10,128	10,560	912	0	45.7	58.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	4,387	121,962	2,405	1,982	5,323	5,410	53.4	106.7		
Total	188.4	1,754,229	77,926	889,177	30,860	47,067	15,382	8,939	< Avg Cost = 33.9 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,912	21,123	0	0	5.0	112.2		
HUNTER	26.0	386,360	14,001	250,625	4,849	9,152	5,343	(0)		85.7		
BONANZA	31.0	554,900	22,071	167,081	11,159	10,912	993	0	45.7	62.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	7,639	212,371	4,320	3,319	5,872	5,833	53.4	111.7		
Total	199.6	1,803,926	85,283	1,020,132	36,201	49,082	16,127	9,353	< Avg Cost = 33.1 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,740	22,319	0	0	5.0	111.9		
HUNTER	26.0	386,360	11,276	201,847	4,176	7,100	6,016	2,052		91.7		
BONANZA	31.0	554,900	21,963	166,257	11,051	10,912	1,101	(0)	45.7	68.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	11,351	315,557	6,071	5,280	4,513	4,224	53.4	178.5		
Total	200.5	1,805,684	87,185	1,082,829	36,998	50,187	15,550	9,796	< Avg Cost = 33.1 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,437	21,368	0	0	5.0	110.2		
HUNTER	26.0	386,360	10,087	180,564	3,547	6,540	5,605	1,780		89.7		
BONANZA	30.0	537,000	18,400	139,287	8,800	9,600	1,760	(0)	45.7	67.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	37.7			
PCP DIESEL	10.0	29,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	9,622	267,492	5,142	4,480	5,066	4,800	53.4	171.6		
Total	196.6	1,772,194	77,834	959,318	31,685	46,149	15,951	9,780	< Avg Cost = 35.1 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,557	22,476	0	0	5.0	106.7		
HUNTER	26.0	386,360	12,343	220,934	3,174	9,168	6,602	400		81.7		
BONANZA	30.0	537,000	20,107	152,207	9,067	11,040	2,213	0	45.7	59.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.7			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	4,742	131,831	2,534	2,208	4,986	5,152	53.4	161.9		
Total	185.9	1,745,965	78,888	898,410	29,213	49,676	17,561	9,232	< Avg Cost = 33.5 mills			>

[Fiscal Year 2004-05]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,198	109,188	0	0	50.2%
HUNTER	26.0	2318162	58,759	1051785	16,215	42,544	43,481	11,952	51.5%
BONANZA	31.0	3275703	109,164	826368	45,772	63,391	24,260	545	80.2%
COVE FORT	4.0	1286881	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	8.0	945601	16,768	445526	0	16,768	0	0	47.7%
PCP DIESEL	10.0	175200	0	0	0	0	22,960	20,960	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,454	5,046	0	0	82.0%
Pacificorp	55.0	548250	94,704	2632771	42,756	51,948	54,428	37,684	39.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	219.0	10585865	490,633	6807166	189,172	301,461	145,128	71,141	< Avg Cost = 35.5 mills >

[Fiscal Year 2004-05]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	78,507	126,373	0	0	50.1%
HUNTER	26.0	2318162	73,912	1323026	24,399	49,513	35,089	4,567	65.1%
BONANZA	31.0	3257803	123,148	932227	60,044	63,104	9,380	(0)	90.9%
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.6%
PCP DIESEL	10.0	175200	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
Pacificorp	30.0	328950	44,976	1250346	23,118	21,859	35,354	30,909	34.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	203.6	10631467	485,396	5791249	197,507	287,889	102,704	56,276	< Avg Cost = 33.8 mills >

[Fiscal Year 2004-05]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	143,705	235,560	0	0	46.3%
HUNTER	26.0	4636324	132,671	2374812	40,614	92,057	78,570	16,519	58.3%
BONANZA	31.0	6533505	232,311	1758596	105,816	126,495	33,640	545	85.5%
COVE FORT	4.0	2573762	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	8.0	1891202	33,408	887651	0	33,408	0	0	47.7%
PCP DIESEL	10.0	350400	0	0	0	0	45,840	41,760	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,454	5,046	0	0	41.1%
Pacificorp	55.0	877201	139,680	3883118	65,874	73,807	89,782	68,593	29.0%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	233.5	21217332	976,029	12598416	386,679	589,350	247,832	127,417	< Avg Cost = 34.6 mills >

[Load and Current Run Data] B-07
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2006-07] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	91505	166.1	93.5	36059
February	81623	165.3	88.6	33805
March	82769	154.7	86.9	35033
April	75512	147.2	61.3	25809
May	78305	160.8	65.8	26507
June	85696	182.5	74.8	29820
July	93644	186.1	76.7	31913
August	96978	191.7	79.1	32087
September	84435	175.9	73.2	28249
October	82169	156.1	82.5	31757
November	81793	160.5	88.4	33191
December	89504	167.8	93.6	35035
	1023933	2014.7		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-07

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2006-07]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	30.6	20.0	30.6					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	30.6	30.0	30.6					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	30.6	27.0	30.6					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	30.6	14.0	30.6					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	30.6	18.0	30.6					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp}	c	2.15	32.0	30.6	18.0	30.6					

[Fiscal Year 2006-07]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	30.6	27.0	30.6					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	30.6	16.0	30.6					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	30.6	17.0	30.6					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	30.6	12.0	30.6					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	30.6	15.0	30.6					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	30.6	14.0	30.6					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2006-07] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,213	15,596	0	0	6.0	114.8		
HUNTER	26.0	386,360	13,068	233,918	3,973	9,095	5,595	57		69.7		
BONANZA	30.0	537,000	20,524	155,363	9,964	10,560	1,076	(0)	34.7	47.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	736	704	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	358	342	(0)	0	33.7			
PacifiCorp	25.0	53,750	11,091	339,389	3,029	8,063	6,171	737	42.4	95.7		
Total	159.3	1,517,190	75,512	980,243	29,743	45,768	16,523	4,314	< Avg Cost = 33.1 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	125.7		
HUNTER	26.0	386,360	12,459	223,023	3,151	9,308	6,625	260		70.0		
BONANZA	30.0	537,000	19,254	145,756	8,214	11,040	3,066	0	37.0	47.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,407	884	866	0	0	34.7			
PacifiCorp	33.0	70,950	13,127	401,680	2,158	10,969	10,250	1,175	44.7	96.0		
Total	174.2	1,575,656	78,305	1,056,201	27,453	50,853	23,701	5,115	< Avg Cost = 33.6 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	11,078	18,742	0	0	7.0	127.3		
HUNTER	26.0	386,360	11,928	213,515	3,733	8,195	6,667	125		86.6		
BONANZA	30.0	537,000	18,172	137,560	8,572	9,600	3,428	0	37.6	64.3		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,200	960	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,167	933	0	(0)	34.7			
PacifiCorp	46.0	98,900	18,636	570,254	7,851	10,784	10,549	3,936	45.3	112.6		
Total	196.7	1,640,171	85,696	1,245,737	35,201	50,495	24,643	7,261	< Avg Cost = 33.7 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,733	20,180	0	0	6.0	129.0		
HUNTER	26.0	386,360	11,930	213,556	3,110	8,820	7,082	332		99.5		
BONANZA	31.0	554,900	18,512	140,138	7,600	10,912	4,552	0	36.5	76.2		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	784	704	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,107	994	(0)	0	33.7			
PacifiCorp	46.0	98,900	24,724	756,542	12,148	12,575	5,884	3,617	44.2	125.5		
Total	198.5	1,643,042	93,644	1,453,384	38,050	55,593	21,437	7,468	< Avg Cost = 33.1 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,570	21,517	0	0	5.0	135.6		
HUNTER	26.0	386,360	11,646	208,469	2,491	9,156	7,285	412		103.5		
BONANZA	31.0	554,900	18,457	139,718	7,049	11,408	4,607	0	35.5	80.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	28,967	886,400	13,192	15,775	7,488	4,465	43.2	129.5		
Total	208.9	1,649,617	96,978	1,579,284	36,243	60,735	23,141	8,557	< Avg Cost = 33.3 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	11,249	17,000	0	0	5.0	131.9		
HUNTER	26.0	386,360	10,773	192,829	2,989	7,783	7,411	537		98.1		
BONANZA	31.0	554,900	17,172	129,989	7,299	9,873	5,101	47	35.1	74.8		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	22,800	720	0	400	320	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	972	778	0	(0)	32.7			
PacifiCorp]	50.0	107,500	22,891	700,479	10,452	12,439	9,548	3,561	42.8	124.1		
Total	197.6	1,614,588	84,435	1,324,445	34,962	49,473	26,060	7,345	< Avg Cost = 34.8 mills			>

[Fiscal Year 2006-07] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,347	19,410	0	0	5.0	124.5		
HUNTER	26.0	386,360	13,516	241,931	4,079	9,437	5,697	131		70.7		
BONANZA	30.0	537,000	19,860	150,341	8,820	11,040	2,460	0	37.7	48.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	13,049	399,305	2,791	10,259	8,489	781	45.4	96.7		
Total	183.5	1,591,869	81,902	1,077,637	29,917	51,985	20,406	4,593	< Avg Cost = 32.6 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,398	20,793	0	0	5.0	113.2		
HUNTER	26.0	386,360	13,998	250,571	4,846	9,152	4,722	0		72.7		
BONANZA	30.0	537,000	21,229	160,706	10,669	10,560	371	0	37.7	50.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	9,774	299,098	2,951	6,824	4,777	568	45.4	98.7		
Total	180.4	1,596,629	81,793	1,009,088	32,704	49,089	13,550	4,088	< Avg Cost = 31.9 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,582	20,453	0	0	5.0	118.1		
HUNTER	26.0	386,360	14,761	264,219	6,025	8,736	4,583	0		77.7		
BONANZA	31.0	554,900	22,758	172,281	12,342	10,416	306	0	37.7	54.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	13,230	404,833	5,379	7,851	5,229	885	45.4	103.7		
Total	191.6	1,646,326	89,504	1,156,568	40,368	49,136	14,198	4,245	< Avg Cost = 31.3 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	12,998	23,061	0	0	5.0	119.3		
HUNTER	26.0	386,360	13,952	249,741	4,384	9,568	5,392	0		83.7		
BONANZA	31.0	554,900	22,275	168,620	10,867	11,408	789	(0)	37.7	60.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	15,499	474,281	6,463	9,036	3,689	900	45.4	109.7		
Total	192.5	1,648,084	91,505	1,216,988	36,592	54,913	13,630	4,580	< Avg Cost = 31.3 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,381	21,424	0	0	5.0	116.8		
HUNTER	26.0	386,360	12,390	221,782	4,070	8,320	5,082	(0)		81.7		
BONANZA	30.0	537,000	18,958	143,513	9,358	9,600	1,202	(0)	37.7	59.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	13,109	401,146	5,739	7,370	4,469	1,910	45.4	107.7		
Total	188.6	1,614,594	81,623	1,070,397	33,308	48,314	14,272	5,110	< Avg Cost = 32.9 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,775	21,258	0	0	5.0	111.4		
HUNTER	26.0	386,360	13,483	241,337	4,747	8,736	5,861	0		73.7		
BONANZA	30.0	537,000	21,238	160,769	11,158	10,080	1,082	0	37.7	51.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	9,296	284,459	3,382	5,915	4,778	805	45.4	99.7		
Total	177.9	1,588,365	82,769	1,001,781	35,101	47,668	15,802	4,165	< Avg Cost = 31.3 mills			>

[Fiscal Year 2006-07]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552028	65,256	109,130	0	0	50.2%	
HUNTER	26.0	2318162	71,805	1285309	19,447	52,358	40,665	1,722	62.9%	
BONANZA	31.0	3275703	112,090	848525	48,698	63,393	21,830	47	82.3%	
COVE FORT	4.0	1286881	17,568	20203	9,248	8,320	0	0	100.0%	
MEMBER H	3.0	273600	8,784	0	4,624	4,160	0	0	66.7%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	175200	0	0	0	0	23,120	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	278484	5,549	4,952	0	0	82.0%	
	55.0	548250	119,436	3654745	48,830	70,606	49,890	17,490	49.4%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	211.0	9640265	514,570	7639295	201,652	312,917	135,505	40,060	< Avg Cost = 33.6 mills	>

[Fiscal Year 2006-07]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	78,481	126,399	0	0	50.1%	
HUNTER	26.0	2318162	82,100	1469581	28,151	53,949	31,337	131	72.3%	
BONANZA	31.0	3257803	126,319	956231	63,215	63,104	6,209	0	93.3%	
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	175200	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
	30.0	328950	73,958	2263122	26,704	47,254	31,432	5,850	56.4%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	195.6	9685866	509,096	6532460	207,991	301,105	91,858	26,781	< Avg Cost = 31.9 mills	>

[Fiscal Year 2006-07]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,265	3375460	143,737	235,528	0	0	46.3%	
HUNTER	26.0	4636324	153,905	2754891	47,598	106,306	72,002	1,854	67.6%	
BONANZA	31.0	6533505	238,409	1804756	111,912	126,497	28,040	47	87.8%	
COVE FORT	4.0	2573762	35,040	40296	18,400	16,640	0	0	100.0%	
MEMBER H	3.0	410400	13,152	0	6,912	6,240	0	0	50.0%	
UP&L SUPP	0.0	0	0	0	0	0	0	0		
PCP DIESEL	10.0	350400	0	0	0	0	46,000	41,600		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	278484	5,549	4,952	0	0	41.1%	
	55.0	877201	193,394	5917867	75,535	117,860	81,321	23,340	40.1%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	225.5	19326131	1,023,666	14171755	409,643	614,023	227,363	66,841	< Avg Cost = 32.7 mills	>

[Load and Current Run Data] B-06
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2005-06] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	89311	162.3	93.5	36059
February	79699	161.6	88.6	33805
March	80798	151.2	86.9	35033
April	73730	143.9	61.3	25809
May	76453	157.2	65.8	26507
June	83697	178.5	74.8	29820
July	91445	181.9	76.7	31913
August	94673	187.4	79.1	32087
September	82417	172.0	73.2	28249
October	80193	152.5	82.5	31757
November	79829	156.9	88.4	33191
December	87360	164.0	93.6	35035
	999,605	1969.2		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-mar-06

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2005-06]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	29.2	20.0	29.2					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	29.2	30.0	29.2					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	29.2	27.0	29.2					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	29.2	14.0	29.2					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	29.2	18.0	29.2					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	32.0	29.2	18.0	29.2					

[Fiscal Year 2005-06]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	29.2	27.0	29.2					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	29.2	16.0	29.2					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	29.2	17.0	29.2					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	29.2	12.0	29.2					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	29.2	15.0	29.2					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	29.2	14.0	29.2					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2005-06] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,693	15,116	0	0	6.0	111.5		
HUNTER	26.0	386,360	12,622	225,928	4,118	8,503	5,866	233		77.7		
BONANZA	30.0	537,000	20,541	155,499	10,461	10,080	1,059	0	42.7	55.4		
COVE FORT	4 0	214,480	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	768	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	34.7			
PCP DIESEL	10.0	29,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	373	327	(0)	0	33.7			
PacifiCorp	25.0	53,750	7,050	205,850	2,922	4,128	6,678	4,272	50.4	103.7		
Total	167.3	1,674,790	73,730	910,269	30,871	42,858	17,442	7,865	< Avg Cost = 35.1 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	122.6		
HUNTER	26.0	386,360	12,033	215,393	2,956	9,078	6,820	490		78.0		
BONANZA	30.0	537,000	18,938	143,359	7,899	11,038	3,381	2	45.0	55.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.0			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,407	884	866	0	0	34.7			
PacifiCorp	33.0	70,950	9,074	264,948	1,904	7,170	10,504	4,974	52.7	104.0		
Total	182.2	1,733,257	76,453	987,664	26,688	49,765	24,465	9,146	< Avg Cost = 35.6 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,635	19,185	0	0	7.0	124.9		
HUNTER	26.0	386,360	11,462	205,162	3,114	8,348	6,870	388		94.6		
BONANZA	30.0	537,000	17,692	133,926	7,612	10,080	3,908	0	45.6	72.3		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.6			
PCP DIESEL	10.0	29,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,120	980	0	(0)	34.7			
PacifiCorp	46.0	98,900	14,895	434,947	6,977	7,918	10,687	7,538	53.3	120.6		
Total	204.7	1,797,771	83,697	1,169,863	32,145	51,552	25,306	11,286	< Avg Cost = 35.5 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	12,488	19,425	0	0	6.0	124.8		
HUNTER	26.0	386,360	8,910	159,495	3,275	5,635	7,333	3,101		107.5		
BONANZA	31.0	554,900	18,350	138,912	7,937	10,413	4,711	3	44.5	84.2		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	816	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	36.5			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,152	949	(0)	0	33.7			
PacifiCorp	46.0	98,900	23,019	672,164	12,267	10,752	6,501	4,704	52.2			
Total	206.5	1,800,642	91,445	1,385,139	39,568	51,878	22,624	11,168	< Avg Cost = 34.8 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,575	21,512	0	0	5.0	132.1		
HUNTER	26.0	386,360	9,374	167,803	2,236	7,139	7,540	2,429		111.5		
BONANZA	31.0	554,900	18,123	137,193	6,779	11,344	4,877	64	43.5	88.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	35.5			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	26,324	768,654	12,708	13,616	7,972	6,624	51.2	188.9		
Total	216.9	1,807,217	94,673	1,496,570	35,239	59,434	24,149	12,798	< Avg Cost = 34.9 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,760	17,489	0	0	5.0	129.0		
HUNTER	26.0	386,360	9,532	170,631	2,516	7,017	7,468	1,719		106.1		
BONANZA	31.0	554,900	16,803	127,196	6,687	10,115	5,217	301	43.1	82.8		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	22,800	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	35.1			
PCP DIESEL	10.0	29,200	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	934	817	0	(0)	32.7			
PacifiCorp	50.0	107,500	19,794	577,990	9,042	10,752	10,158	6,048	50.8	177.6		
Total	205.6	1,772,189	82,417	1,248,386	31,859	50,558	26,683	11,428	< Avg Cost = 36.6 mills			>

[Fiscal Year 2005-06] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,905	18,852	0	0	5.0	120.5		
HUNTER	26.0	386,360	13,143	235,258	4,306	8,837	5,886	315		78.7		
BONANZA	30.0	537,000	19,935	150,907	9,375	10,560	2,385	(0)	45.7	56.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	8,822	257,611	2,683	6,139	9,077	4,421	53.4	104.7		
Total	191.5	1,749,469	80,193	1,004,657	31,229	48,965	21,268	8,256	< Avg Cost = 34.3 mills >			
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,396	20,795	0	0	5.0	110.2		
HUNTER	26.0	386,360	13,622	243,828	4,470	9,152	5,098	0		80.7		
BONANZA	30.0	537,000	20,991	158,900	10,431	10,560	609	(0)	45.7	58.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	5,610	163,802	2,655	2,955	5,073	4,437	53.4	106.7		
Total	188.4	1,754,229	79,829	940,063	31,791	48,038	14,461	7,957	< Avg Cost = 33.8 mills >			
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,590	20,445	0	0	5.0	114.8		
HUNTER	26.0	386,360	14,434	258,372	5,698	8,736	4,910	(0)		85.7		
BONANZA	31.0	554,900	22,538	170,609	12,122	10,416	526	0	45.7	62.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.7			
PCP DIESEL	10.0	29,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	8,945	261,206	4,888	4,057	5,720	4,679	53.4	111.7		
Total	199.6	1,803,926	87,360	1,076,841	39,339	48,021	15,236	8,039	< Avg Cost = 33.0 mills >			
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,035	23,024	0	0	5.0	115.8		
HUNTER	26.0	386,360	12,914	231,153	4,049	8,864	5,727	704		91.7		
BONANZA	31.0	554,900	22,004	166,569	10,596	11,408	1,060	0	45.7	68.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.7			
PCP DIESEL	10.0	29,200	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	11,670	340,775	6,150	5,520	4,002	4,416	53.4	178.5		
Total	200.5	1,805,684	89,311	1,141,068	35,711	53,600	14,549	8,800	< Avg Cost = 33.0 mills >			
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,407	21,398	0	0	5.0	113.4		
HUNTER	26.0	386,360	11,368	203,487	3,790	7,578	5,362	742		89.7		
BONANZA	30.0	537,000	18,691	141,495	9,091	9,600	1,469	0	45.7	67.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	37.7			
PCP DIESEL	10.0	29,200	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	9,914	289,501	5,434	4,480	4,774	4,800	53.4	171.6		
Total	196.6	1,772,194	79,699	1,006,457	32,483	47,216	15,124	8,742	< Avg Cost = 34.9 mills >			
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,186	21,847	0	0	5.0	109.0		
HUNTER	26.0	386,360	13,136	235,137	3,988	9,148	6,204	4		81.7		
BONANZA	30.0	537,000	20,639	156,234	10,079	10,560	1,681	0	45.7	59.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	5,455	159,277	2,918	2,537	4,922	4,503	53.4	107.7		
Total	185.9	1,745,965	80,798	940,685	32,130	48,669	16,728	8,027	< Avg Cost = 33.3 mills >			

[Fiscal Year 2005-06]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552028	65,563	108,822	0	0	50.2%	
HUNTER	26.0	2318162	63,934	1144412	18,214	45,719	41,898	8,361	56.0%	
BONANZA	31.0	3275703	110,447	836085	47,377	63,071	23,151	369	81.1%	
COVE FORT	4.0	1286881	17,568	20203	9,248	8,320	0	0	100.0%	
MEMBER H	3.0	273600	8,784	0	4,624	4,160	0	0	66.7%	
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.4%	
PCP DIESEL	10.0	175200	0	0	0	0	23,120	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	278484	5,524	4,976	0	0	82.0%	
Pacificorp	55.0	548250	100,156	2924553	45,820	54,336	52,500	34,160	41.5%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	219.0	10585865	502,415	7197891	196,370	306,045	140,669	63,690	< Avg Cost = 35.4 mills	>

[Fiscal Year 2005-06]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	78,519	126,361	0	0	50.1%	
HUNTER	26.0	2318162	78,617	1407236	26,302	52,315	33,186	1,765	69.2%	
BONANZA	31.0	3257803	124,797	944713	61,693	63,104	7,731	0	92.2%	
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.6%	
PCP DIESEL	10.0	175200	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
Pacificorp	30.0	328950	50,417	1472172	24,728	25,689	33,568	27,255	38.5%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	203.6	10631467	497,190	6109771	202,682	294,509	97,365	49,821	< Avg Cost = 33.7 mills	>

[Fiscal Year 2005-06]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,265	3375460	144,082	235,184	0	0	46.3%	
HUNTER	26.0	4636324	142,550	2551648	44,516	98,034	75,084	10,126	62.6%	
BONANZA	31.0	6533505	235,244	1780798	109,070	126,175	30,882	369	86.6%	
COVE FORT	4.0	2573762	35,040	40296	18,400	16,640	0	0	100.0%	
MEMBER H	3.0	410400	13,152	0	6,912	6,240	0	0	50.0%	
UP&L SUPP	8.0	1891202	33,280	884250	0	33,280	0	0	47.5%	
PCP DIESEL	10.0	350400	0	0	0	0	46,000	41,600		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	278484	5,524	4,976	0	0	41.1%	
Pacificorp	55.0	877201	150,573	4396725	70,548	80,024	86,068	61,416	31.3%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	233.5	21217332	999,605	13307661	399,052	600,553	238,034	113,511	< Avg Cost = 34.5 mills	>

Notes

[Load and Current Run Data] H-98
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1997-98] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	75136	138.2	93.5	36059
February	67346	138.1	88.6	33805
March	68118	128.7	86.9	35033
April	62307	122.8	61.3	25809
May	64562	134.5	65.8	26507
June	70942	153.0	74.8	29820
July	77379	155.6	76.7	31913
August	79878	160.2	79.1	32087
September	69452	146.9	73.2	28249
October	67472	130.2	82.5	31757
November	67157	133.5	88.4	33191
December	73512	139.6	93.6	35035
	843,259.7	1,681.3		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-mar-98

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

[Fiscal Year 1997-98]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	1.0	25.84							
A PacifiCorp	c	1.25	0.0	18.00	0.0	18.00					
MAY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.4	25.84							
A PacifiCorp	c	1.25	0.0	18.00	0.0	18.00					
JUNE											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.9	25.84							
A PacifiCorp	c	1.25	1.0	18.00	5.0	18.00					
JULY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.8	25.84							
A PacifiCorp	c	2.60	4.0	18.00	23.0	18.00					
AUGUST											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.8	25.84							
A PacifiCorp	c	2.60	4.0	18.00	26.0	18.00					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	2.4	25.84							
A PacifiCorp	c	2.60	3.0	18.00	24.0	18.00					

[Fiscal Year 1997-98]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.50	0.0	18.00	0.0	18.00					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.50	0.0	18.00	0.0	18.00					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	10.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
JANUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	23.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	18.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.90	0.0	18.00	0.0	18.00					
MARCH											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.45	0.0	12.30	26.0	12.30					
a BONANZA	b	13.91	7.7	5.99	22.3	5.99					
a COVE FORT	a	48.66	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	13.36	11.0	22.71							
a PCP DIESEL	c	2.31	0.0		10.0	41.73					
a PCP STEAM	c	2.31	0.0		0.0	41.73					
A DEER CREEK	a	0.00	0.0	25.84							
A PacifiCorp	c	1.25	0.0	18.0	0.0	18.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1997-98] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,269	15,540	0	0	6.0	92.9		
HUNTER	26.0	375,700	8,643	106,306	2,594	6,049	6,974	3,103		74.7		
BONANZA	30.0	417,300	19,224	115,149	8,664	10,559	2,376	1	44.7	52.4		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	93,760	1,440	0	736	704	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	33.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,084	358	342	(0)	0	43.7			
PacifiCorp	0.0											
Total	144.3	1,488,900	62,215	552,490	24,093	38,122	13,030	6,624	< Avg Cost = 32.8 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	11,310	15,197	0	0	7.0	100.2		
HUNTER	26.0	375,700	9,640	118,568	2,459	7,181	8,149	1,555		77.0		
BONANZA	30.0	417,300	17,917	107,326	7,948	9,970	4,292	110	47.0	54.7		
COVE FORT	4.0	194,640	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	140,640	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	10.0	133,600	3,360	76,306		3,360		0	34.7			
PCP DIESEL	10.0	23,100	190	7,928	190	0	3,890	3,360		141.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,740	44,961	950	790	10	0	44.7			
PacifiCorp	0.0											
Total	151.2	1,554,246	64,562	594,423	25,712	38,850	16,342	5,025	< Avg Cost = 33.3 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	104.1		
HUNTER	26.0	375,700	11,402	140,242	2,834	8,567	6,734	585		78.6		
BONANZA	30.0	417,300	18,136	108,634	7,576	10,560	3,464	(0)	47.6	56.3		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	140,640	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	34.7			
PCP DIESEL	10.0	23,100	46	1,926	46	0	3,634	3,520		203.8		
PCP STEAM	0.0											
DEER CREE	2.9	0	2,093	54,084	1,066	1,027	7	(0)	44.7			
PacifiCorp	6.0	7,500	885	15,934	520	365	1,688	1,747	55.3	151.7		
Total	166.7	1,598,311	70,942	669,469	24,810	46,132	15,527	5,851	< Avg Cost = 32.0 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,355	20,558	0	0	6.0	103.4		
HUNTER	26.0	375,700	11,045	135,853	3,265	7,780	6,511	1,788		81.5		
BONANZA	31.0	431,210	20,660	123,753	9,252	11,408	2,404	0	46.5	58.2		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	93,760	1,488	0	752	736	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	33.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,272	1,061	1,039	(0)	0	43.7			
PacifiCorp	27.0	70,200	3,517	63,310	2,045	1,472	8,107	8,464	54.2	156.5		
Total	189.5	1,635,812	77,379	748,209	29,234	48,145	20,782	13,932	< Avg Cost = 30.8 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,878	20,209	0	0	5.0	106.2		
HUNTER	26.0	375,700	12,952	159,313	4,587	8,366	6,021	370		80.5		
BONANZA	31.0	431,210	21,705	130,016	11,289	10,416	1,359	0	45.5	57.2		
COVE FORT	4.0	194,640	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	133,600	3,360	76,306		3,360		0	32.7			
PCP DIESEL	10.0	23,100	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,272	1,152	949	(0)	0	42.7			
PacifiCorp	30.0	78,000	3,953	71,147	2,587	1,365	9,653	8,715	53.2	157.9		
Total	193.9	1,606,757	79,878	780,050	33,533	46,344	21,113	12,445	< Avg Cost = 29.9 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,339	17,911	0	0	5.0	107.1		
HUNTER	26.0	375,700	11,602	142,699	3,108	8,493	6,460	659		79.1		
BONANZA	31.0	431,210	17,679	105,898	6,843	10,836	4,565	76	45.1	55.8		
COVE FORT	4.0	194,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	46,880	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	133,600	3,520	79,939		3,520		0	32.7			
PCP DIESEL	10.0	23,100	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,217	894	856	0	(0)	42.7			
PacifiCorp	27.0	70,200	3,052	54,932	1,384	1,668	8,552	7,836	52.8	105.1		
Total	184.6	1,574,678	69,452	683,416	24,408	45,044	23,257	12,090	< Avg Cost = 32.5 mills			>

[Fiscal Year 1997-98] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,724	282,347	12,387	19,338	(33)	0	5.0	99.8		
HUNTER	26.0	375,700	10,249	126,062	2,728	7,521	7,048	2,047		77.7		
BONANZA	30.0	417,300	17,851	106,928	6,904	10,947	4,376	93	47.7	55.4		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	37.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	163.5	1,528,748	67,224	602,332	23,899	43,326	15,151	5,820	<	Avg Cost = 31.7 mills		>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,851	19,340	0	0	5.0	88.7		
HUNTER	26.0	375,700	6,910	84,988	3,396	3,513	7,004	4,807		77.7		
BONANZA	30.0	417,300	20,256	121,333	10,656	9,600	1,344	0	47.7	55.4		
COVE FORT	4.0	194,640	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	46,880	720	0	400	320	0	0	0.0			
UP&L SUPP	10.0	133,600	3,200	72,672		3,200		0	37.7			
PCP DIESEL	10.0	23,100	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	169.4	1,552,859	67,157	577,705	29,903	37,254	12,348	8,007	<	Avg Cost = 31.7 mills		>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,293	21,742	0	0	5.0	94.2		
HUNTER	26.0	375,700	9,396	115,572	3,714	5,682	6,062	3,886		78.7		
BONANZA	31.0	431,210	21,680	129,866	10,272	11,408	1,384	(0)	47.7	55.4		
COVE FORT	4.0	194,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	133,600	3,680	83,573		3,680		0	37.7			
PCP DIESEL	10.0	23,100	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	175.6	1,587,816	73,512	644,245	29,160	44,352	11,206	7,566	<	Avg Cost = 30.4 mills		>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,973	22,086	0	0	5.0	93.8		
HUNTER	26.0	375,700	9,197	113,128	4,261	4,937	5,931	4,215		79.7		
BONANZA	31.0	431,210	22,288	133,503	11,376	10,912	776	(0)	48.7	56.4		
COVE FORT	4.0	194,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	146,960	3,872	87,933		3,872		0	37.7			
PCP DIESEL	10.0	23,100	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	176.5	1,600,784	75,136	658,912	31,569	43,567	10,628	7,735	<	Avg Cost = 30.1 mills		>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,605	21,200	0	0	5.0	92.2		
HUNTER	26.0	375,700	7,793	95,860	3,484	4,310	5,668	4,010		78.7		
BONANZA	30.0	417,300	18,867	113,015	9,267	9,600	1,293	0	48.7	56.4		
COVE FORT	4.0	74,640	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	46,880	672	0	352	320	0	0	0.0			
UP&L SUPP	11.0	146,960	3,520	79,939		3,520		0	37.7			
PCP DIESEL	10.0	23,100	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	170.6	1,446,984	67,346	592,770	27,116	40,230	10,481	7,210	<	Avg Cost = 30.3 mills		>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,231	21,802	0	0	5.0	88.7		
HUNTER	26.0	375,700	5,832	71,737	2,338	3,494	7,854	5,658		78.7		
BONANZA	30.0	417,300	19,661	117,767	9,101	10,560	2,659	0	48.7	56.4		
COVE FORT	4.0	194,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	146,960	3,872	87,933		3,872		0	37.7			
PCP DIESEL	10.0	23,100	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	168.9	1,560,104	68,118	592,654	26,629	41,489	14,433	9,178	<	Avg Cost = 31.6 mills		>

[Fiscal Year 1997-98]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,342	109,043	0	0	50.2%
HUNTER	26.0	2254202	65,283	802981	18,847	46,436	40,849	8,060	57.2%
BONANZA	31.0	2545532	115,322	690776	51,572	63,749	18,460	187	84.7%
MEI	4.0	1167841	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	562560	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	10.0	801601	20,960	476002	0	20,960	0	0	47.7%
PCP DIESEL	10.0	138600	236	9854	236	0	22,724	20,960	0.5%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,483	270890	5,481	5,002	18	0	81.8%
Pacificorp	30.0	225900	11,407	205324	6,536	4,871	28,000	26,761	8.7%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	196.0	9458704	424,428	4028057	161,791	262,637	110,050	55,968	< Avg Cost = 31.8 mills >

[Fiscal Year 1997-98]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,847	1823141	79,339	125,509	(33)	0	50.1%
HUNTER	26.0	2254202	49,378	607348	19,920	29,458	39,568	24,622	43.5%
BONANZA	31.0	2531622	120,603	722413	57,576	63,027	11,832	93	89.1%
MEI	4.0	1047841	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	281280	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	11.0	841681	21,824	495623	0	21,824	0	0	45.4%
PCP DIESEL	10.0	138600	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
Pacificorp	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	176.6	9277296	418,492	3668618	168,275	250,217	74,247	45,516	< Avg Cost = 30.9 mills >

[Fiscal Year 1997-98]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,233	3375169	144,680	234,552	(33)	0	46.3%
HUNTER	26.0	4508404	114,661	1410329	38,767	75,894	80,417	32,682	50.3%
BONANZA	31.0	5077154	235,925	1413189	109,149	126,776	30,291	280	86.9%
MEI	4.0	2215682	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	843841	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	11.0	1643281	42,784	971625	0	42,784	0	0	44.4%
PCP DIESEL	10.0	277200	236	9854	236	0	45,604	41,760	0.3%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,483	270890	5,481	5,002	18	0	41.0%
Pacificorp	30.0	225900	11,407	205324	6,536	4,871	28,000	26,761	4.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	211.5	18736000	842,920	7696675	330,066	512,855	184,297	101,484	< Avg Cost = 31.4 mills >

[Load and Current Run Data] H-99
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1998-99] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	79956	146.9	93.5	36059
February	71588	146.5	88.6	33805
March	72461	136.8	86.9	35033
April	66253	130.4	61.3	25809
May	68650	142.7	65.8	26507
June	75338	162.2	74.8	29820
July	82222	165.1	76.7	31913
August	84965	170.1	79.1	32087
September	73934	156.1	73.2	28249
October	71865	138.3	82.5	31757
November	71512	142.0	88.4	33191
December	78236	148.3	93.6	35035
	896,978.1	1,785.4		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-99

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 1998-99]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	1.0	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					
MAY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.4	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					
JUNE											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	3.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.9	25.94							
A PacifiCorp	c	1.25	3.0	19.75	8.0	19.75					
JULY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	2.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.8	25.94							
A PacifiCorp	c	2.60	12.0	19.75	39.0	19.75					
AUGUST											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.8	25.94							
A PacifiCorp	c	2.60	15.0	19.75	46.0	19.75					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	2.4	25.94							
A PacifiCorp	c	2.60	12.0	19.75	39.0	19.75					

[Fiscal Year 1998-99]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.50	0.0	19.75	0.0	19.75					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.50	0.0	19.75	0.0	19.75					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	11.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
JANUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	23.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.90	2.0	19.75	8.0	19.75					
MARCH											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	15.73	0.0	13.10	26.0	13.10					
a BONANZA	b	15.33	7.7	6.19	22.3	6.19					
a COVE FORT	a	48.92	4.0	1.15							
a MEMBER HYD	a	46.88	1.0	0.00							
P UP&L SUPP	a	15.61	10.0	21.89							
a PCP DIESEL	c	2.39	0.0		10.0	43.38					
a PCP STEAM	c	2.39	0.0		0.0	43.38					
A DEER CREEK	a	0.00	0.0	25.94							
A PacifiCorp	c	1.25	0.0	19.75	0.0	19.75					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1998-99] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,247	15,562	0	0	6.0	99.6		
HUNTER	26.0	408,980	11,208	146,827	3,202	8,006	6,366	1,146		75.7		
BONANZA	30.0	459,900	19,902	123,190	9,342	10,560	1,698	0	45.7	53.4		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	93,760	1,440	0	736	704	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	33.7			
PCP DIESEL	10.0	23,900	442	19,181	442	0	3,238	3,520		135.3		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,154	358	342	(0)	0	44.7			
PacifiCorp	0.0											
Total	145.3	1,604,730	66,253	625,123	25,799	40,454	11,302	4,666	< Avg Cost = 33.7 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	11,305	15,202	0	0	7.0	107.2		
HUNTER	26.0	408,980	11,260	147,504	3,115	8,145	7,493	591		78.0		
BONANZA	30.0	459,900	18,796	116,349	8,752	10,044	3,488	36	48.0	55.7		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	140,640	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	34.7			
PCP DIESEL	10.0	23,900	1,369	59,405	438	931	3,642	2,429		104.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,392	960	790	0	0	45.7			
PacifiCorp	0.0											
Total	152.2	1,670,076	68,586	688,890	27,426	41,160	14,623	3,056	< Avg Cost = 34.4 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	112.3		
HUNTER	26.0	408,980	11,921	156,167	3,151	8,770	6,417	382		81.6		
BONANZA	30.0	459,900	18,497	114,494	7,937	10,560	3,103	0	48.6	59.3		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	140,640	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	34.7			
PCP DIESEL	10.0	23,900	84	3,661	84	0	3,596	3,520		162.7		
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	54,480	1,073	1,027	0	(0)	45.7			
PacifiCorp	11.0	13,750	4,004	79,077	1,373	2,631	2,675	1,241	56.3	107.6		
Total	172.7	1,720,391	75,338	761,348	26,386	48,953	15,791	5,143	< Avg Cost = 32.9 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,310	20,603	0	0	6.0	111.2		
HUNTER	26.0	408,980	10,395	136,175	3,088	7,307	6,688	2,261		90.5		
BONANZA	31.0	475,230	19,894	123,147	8,486	11,408	3,170	0	47.5	67.2		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	93,760	1,488	0	752	736	0	0	0.0			
UP&L SUPP	11.0	171,710	4,048	88,611		4,048		0	33.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,482	1,061	1,039	(0)	0	44.7			
PacifiCorp	51.0	132,600	9,407	185,791	4,991	4,416	14,185	14,352	55.2	165.5		
Total	214.5	1,815,462	82,222	875,654	31,194	51,028	27,802	20,293	< Avg Cost = 32.7 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,805	20,282	0	0	5.0	114.6		
HUNTER	26.0	408,980	11,171	146,345	3,992	7,179	6,616	1,557		92.5		
BONANZA	31.0	475,230	20,453	126,603	10,037	10,416	2,611	(0)	46.5	69.2		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	32.7			
PCP DIESEL	10.0	23,900	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,482	1,152	949	(0)	0	43.7			
PacifiCorp	61.0	158,600	11,737	231,808	6,697	5,040	18,191	15,456	54.2	169.9		
Total	225.9	1,804,607	84,965	929,141	35,722	49,242	31,499	20,372	< Avg Cost = 32.2 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,288	17,962	0	0	5.0	115.5		
HUNTER	26.0	408,980	11,221	146,993	2,818	8,403	6,750	749		89.1		
BONANZA	31.0	475,230	17,401	107,713	6,683	10,719	4,725	193	46.1	65.8		
COVE FORT	4.0	195,680	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	46,880	720	0	368	352	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	32.7			
PCP DIESEL	10.0	23,900	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,403	895	856	0	(0)	43.7			
PacifiCorp	51.0	132,600	7,840	154,841	3,501	4,339	15,267	13,613	53.8	115.1		
Total	209.6	1,754,329	73,934	794,438	26,024	47,910	30,422	18,076	< Avg Cost = 34.5 mills			>

[Fiscal Year 1998-99] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,948	18,809	0	0	5.0	106.7		
HUNTER	26.0	408,980	12,239	160,325	3,691	8,548	6,501	604		78.7		
BONANZA	30.0	459,900	18,890	116,928	8,340	10,550	3,420	10	48.7	56.4		
COVE FORT	4.0	195,680	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	46,880	744	0	392	352	0	0	0.0			
UP&L SUPP	11.0	171,710	3,872	84,758		3,872		0	37.7			
PCP DIESEL	10.0	23,900	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	164.5	1,644,579	70,477	648,071	26,938	43,539	13,842	4,134	<	Avg Cost = 32.5 mills		>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,071	20,120	0	0	5.0	96.6		
HUNTER	26.0	408,980	10,151	132,977	4,149	6,002	5,835	2,734		78.7		
BONANZA	30.0	459,900	20,676	127,986	10,596	10,080	924	(0)	48.7	56.4		
COVE FORT	4.0	195,680	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	46,880	720	0	384	336	0	0	0.0			
UP&L SUPP	11.0	171,710	3,696	80,905		3,696		0	37.7			
PCP DIESEL	10.0	23,900	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	170.4	1,668,689	71,314	640,580	29,736	41,578	10,599	6,094	<	Avg Cost = 32.4 mills		>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,231	21,804	0	0	5.0	101.9		
HUNTER	26.0	408,980	12,625	165,385	4,486	8,139	5,290	1,429		79.7		
BONANZA	31.0	475,230	22,237	137,644	10,829	11,408	827	(0)	48.7	56.4		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	11.0	171,710	4,048	88,611		4,048		0	37.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				3,760	3,680				
Total	186.6	1,724,066	77,664	706,874	30,425	47,239	13,638	8,789	<	Avg Cost = 31.3 mills		>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,604	21,455	0	0	5.0	100.7		
HUNTER	26.0	408,980	13,217	173,149	5,839	7,378	4,769	1,358		78.7		
BONANZA	31.0	475,230	22,903	141,769	12,487	10,416	161	(0)	47.7	55.4		
COVE FORT	4.0	195,680	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	46,880	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	156,100	3,360	73,550		3,360		0	37.7			
PCP DIESEL	10.0	23,900	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				4,080	3,360				
Total	185.5	1,708,064	79,259	712,815	34,970	44,290	13,090	8,078	<	Avg Cost = 30.5 mills		>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,519	21,286	0	0	5.0	99.7		
HUNTER	26.0	408,980	11,287	147,860	4,260	7,027	4,892	1,293		77.7		
BONANZA	30.0	459,900	19,382	119,976	9,782	9,600	778	0	47.7	55.4		
COVE FORT	4.0	195,680	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	46,880	672	0	352	320	0	0	0.0			
UP&L SUPP	10.0	156,100	3,200	70,048		3,200		0	37.7			
PCP DIESEL	10.0	23,900	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	10.0	19,000	0				3,520	3,200				
Total	179.6	1,672,844	71,034	641,840	28,322	42,713	12,709	7,693	<	Avg Cost = 32.6 mills		>
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,582	22,451	0	0	5.0	96.8		
HUNTER	26.0	408,980	9,939	130,199	2,930	7,009	6,846	2,559		77.7		
BONANZA	30.0	459,900	19,965	123,582	8,925	11,040	2,355	(0)	47.7	55.4		
COVE FORT	4.0	195,680	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	46,880	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	156,100	3,680	80,555		3,680		0	37.7			
PCP DIESEL	10.0	23,900	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	0.0											
Total	167.9	1,646,965	72,337	649,553	26,317	46,020	12,962	6,239	<	Avg Cost = 31.7 mills		>

[Fiscal Year 1998-99]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,147	109,238	0	0	50.2%
HUNTER	26.0	2453882	67,176	880011	19,366	47,810	40,330	6,686	58.8%
BONANZA	31.0	2805392	114,943	711497	51,236	63,707	18,796	229	84.4%
MEI	4.0	1174081	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	562560	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	11.0	1030261	23,056	504696	0	23,056	0	0	47.7%
PCP DIESEL	10.0	143400	1,896	82247	965	931	21,995	20,029	4.3%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	272394	5,499	5,002	0	0	82.0%
Pacificorp	61.0	437550	32,988	651518	16,562	16,426	50,318	44,662	12.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	228.0	10369595	451,298	4674593	172,550	278,747	131,439	71,605	< Avg Cost = 33.3 mills >

[Fiscal Year 1998-99]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	78,955	125,925	0	0	50.1%
HUNTER	26.0	2453882	69,458	909894	25,354	44,103	34,134	9,977	61.2%
BONANZA	31.0	2790062	124,053	767885	60,958	63,094	8,466	10	91.6%
MEI	4.0	1174081	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	281280	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	11.0	983431	21,856	478428	0	21,856	0	0	45.5%
PCP DIESEL	10.0	143400	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
Pacificorp	10.0	57000	0	0	0	0	11,360	10,240	
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	186.6	10065206	442,086	3999732	176,708	265,378	76,839	41,027	< Avg Cost = 31.8 mills >

[Fiscal Year 1998-99]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	144,102	235,163	0	0	46.3%
HUNTER	26.0	4907764	136,634	1789905	44,720	91,914	74,464	16,662	60.0%
BONANZA	31.0	5595454	238,996	1479382	112,195	126,801	27,261	239	88.0%
MEI	4.0	2348162	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	843841	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	11.0	2013692	44,912	983124	0	44,912	0	0	46.6%
PCP DIESEL	10.0	286800	1,896	82247	965	931	44,875	40,829	2.2%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	272394	5,499	5,002	0	0	41.1%
Pacificorp	61.0	494550	32,988	651518	16,562	16,426	61,678	54,902	6.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	242.5	20434801	893,384	8674326	349,258	544,126	208,278	112,632	< Avg Cost = 32.6 mills >

[Load and Current Run Data] H-00
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 1999-00] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	83703	153.4	93.5	36059
February	74908	153.0	88.6	33805
March	75850	142.9	86.9	35033
April	69340	136.2	61.3	25809
May	71845	148.9	65.8	26507
June	78807	169.3	74.8	29820
July	86032	172.4	76.7	31913
August	88945	177.6	79.1	32087
September	77429	163.0	73.2	28249
October	75278	144.5	82.5	31757
November	74892	148.4	88.4	33191
December	81905	155.0	93.6	35035
	938,933.6	1,864.7		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-mar-00

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 1999-00]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	2.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	1.0	26.03							
A PacifiCorp	c	1.25	3.0	21.75	13.0	21.75					
MAY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	3.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.4	26.03							
A PacifiCorp	c	1.25	2.0	21.75	19.0	21.75					
JUNE											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	3.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.9	26.03							
A PacifiCorp	c	1.25	9.0	21.75	17.0	21.75					
JULY											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	2.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.8	26.03							
A PacifiCorp	c	2.60	17.0	21.75	9.0	21.75					
AUGUST											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.8	22.03							
A PacifiCorp	c	2.60	20.0	21.75	11.0	21.75					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.90	59.2	8.90					14429
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	2.4	22.03							
A PacifiCorp	c	2.60	17.0	21.75	11.0	21.75					

[Fiscal Year 1999-00]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.50	2.0	21.75	17.0	21.75					
NOVEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.50	3.0	21.75	10.0	21.75					
DECEMBER											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	10.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	5.0	21.75	11.0	21.75					
JANUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	23.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	8.0	21.75	8.0	21.75					
FEBRUARY											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.90	7.0	21.75	9.0	21.75					
MARCH											
A WAPA	a	4.09	32.7	8.90	54.2	8.90					10668
a HUNTER	b	14.50	0.0	13.10	26.0	13.10					
a BONANZA	b	14.62	7.7	6.40	22.3	6.40					
a COVE FORT	a	49.66	4.0	1.15							
a MEMBER HYD	a	31.60	1.0	0.00							
P UP&L SUPP	a	16.85	8.0	22.04							
a PCP DIESEL	c	2.47	0.0		10.0	45.10					
a PCP STEAM	c	2.47	0.0		0.0	45.10					
A DEER CREEK	a	0.00	0.0	22.03							
A PacifiCorp	c	1.25	3.0	21.75	9.0	21.75					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 1999-00] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,711	15,098	0	0	6.0	104.4		
HUNTER	26.0	377,000	12,005	157,265	3,630	8,375	6,354	361		77.7		
BONANZA	30.0	438,600	20,142	128,911	10,062	10,080	1,458	0	44.7	55.4		
COVE FORT	4.0	198,640	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	63,200	1,440	0	768	672	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	33.7			
PCP DIESEL	10.0	24,700	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,217	373	327	(0)	0	43.7			
PacifiCorp	16.0	20,000	3,004	65,327	1,764	1,239	4,380	4,137	52.4	103.7		
Total	160.3	1,541,440	69,340	676,787	28,845	40,495	16,031	7,858	< Avg Cost = 32.0 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	114.9		
HUNTER	26.0	377,000	11,478	150,366	2,544	8,934	7,232	634		79.0		
BONANZA	30.0	438,600	18,249	116,794	7,253	10,996	4,027	44	47.0	56.7		
COVE FORT	4.0	198,640	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	94,800	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	10.0	168,500	3,680	81,107		3,680		0	34.7			
PCP DIESEL	10.0	24,700	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,738	45,239	872	866	12	0	44.7			
PacifiCorp	*21.0*	*26,250*	*4,985*	*108,416*	*1,093*	*3,891*	*6,803*	*3,837*	*54.7*	*105.0*		
Total	172.2	1,597,756	71,845	741,257	24,808	47,037	21,833	8,195	< Avg Cost = 32.6 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,635	19,185	0	0	7.0	116.7		
HUNTER	26.0	377,000	11,856	155,318	3,472	8,385	6,512	351		86.6		
BONANZA	30.0	438,600	18,391	117,703	8,311	10,080	3,209	0	47.6	64.3		
COVE FORT	4.0	198,640	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	94,800	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	34.7			
PCP DIESEL	10.0	24,700	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	54,669	1,120	980	0	(0)	44.7			
PacifiCorp	26.0	32,500	8,239	179,203	3,789	4,450	6,195	4,286	55.3	112.6		
Total	186.7	1,640,571	78,807	849,657	30,014	48,793	19,756	7,997	< Avg Cost = 31.6 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,950	19,963	0	0	6.0	116.9		
HUNTER	26.0	377,000	11,057	144,843	3,451	7,605	6,741	1,547		94.5		
BONANZA	31.0	453,220	19,702	126,090	8,790	10,912	3,362	0	46.5	71.2		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	63,200	1,488	0	784	704	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	33.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,671	1,107	994	(0)	0	43.7			
PacifiCorp	26.0	67,600	13,276	288,756	7,268	6,009	2,924	3,143	54.2	169.5		
Total	188.5	1,666,462	86,032	979,388	34,917	51,115	16,948	8,210	< Avg Cost = 30.8 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,151	20,936	0	0	5.0	122.2		
HUNTER	26.0	377,000	12,131	158,919	3,496	8,635	6,696	517		96.5		
BONANZA	31.0	453,220	19,939	127,613	9,027	10,912	3,125	0	45.5	73.2		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	35.5			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	46,270	1,107	994	(0)	0	32.7			
PacifiCorp	31.0	80,600	15,447	335,970	8,355	7,092	3,797	3,820	53.2	173.9		
Total	194.9	1,657,887	88,945	1,035,349	35,096	53,849	17,538	7,857	< Avg Cost = 30.3 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,266	17,983	0	0	5.0	121.8		
HUNTER	26.0	377,000	11,208	146,827	2,777	8,431	6,791	721		93.1		
BONANZA	31.0	453,220	17,377	111,212	6,659	10,718	4,749	194	45.1	69.8		
COVE FORT	4.0	198,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	31,600	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	35.1			
PCP DIESEL	*10.0*	*24,700*	*0*				*3,680*	*3,520*				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	38,560	895	856	0	(0)	32.7			
PacifiCorp	28.0	72,800	11,674	253,900	4,875	6,798	5,429	3,058	52.8	119.1		
Total	185.6	1,625,808	77,378	882,809	27,312	50,066	20,649	7,493	< Avg Cost = 32.4 mills			>

[Fiscal Year 1999-00] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	13,498	18,259	0	0	5.0	111.7		
HUNTER	26.0	377,000	12,542	164,306	4,261	8,282	6,347	454		79.7		
BONANZA	30.0	438,600	19,506	124,839	9,426	10,080	2,814	0	47.7	57.4		
COVE FORT	4.0	198,640	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	31,600	744	0	408	336	0	0	0.0			
UP&L SUPP	10.0	168,500	3,360	74,054		3,360		0	37.7			
PCP DIESEL	10.0	24,700	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	19.0	28,500	4,393	95,541	1,887	2,506	5,865	3,878	55.4	105.7		
Total	182.5	1,605,069	75,278	744,800	31,111	44,167	19,107	7,692	< Avg Cost = 31.2 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,398	20,793	0	0	5.0	102.9		
HUNTER	26.0	377,000	13,105	171,675	4,266	8,839	5,302	313		77.7		
BONANZA	30.0	438,600	20,857	133,483	10,297	10,560	743	0	47.7	55.4		
COVE FORT	4.0	198,640	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	31,600	720	0	368	352	0	0	0.0			
UP&L SUPP	10.0	168,500	3,520	77,581		3,520		0	37.7			
PCP DIESEL	10.0	24,700	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	13.0	19,500	0				4,784	4,576				
Total	182.4	1,620,179	74,273	681,450	28,800	45,472	14,509	8,409	< Avg Cost = 31.0 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,181	21,854	0	0	5.0	107.8		
HUNTER	26.0	377,000	13,175	172,593	4,332	8,843	5,444	725		83.7		
BONANZA	31.0	453,220	21,952	140,492	10,544	11,408	1,112	(0)	47.7	60.4		
COVE FORT	4.0	198,640	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	31,600	744	0	376	368	0	0	0.0			
UP&L SUPP	10.0	168,500	3,680	81,107		3,680		0	37.7			
PCP DIESEL	10.0	24,700	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	16.0	30,400	4,344	94,472	2,504	1,840	3,512	4,048	55.4	170.6		
Total	191.6	1,666,746	81,905	803,899	32,440	49,465	13,829	8,453	< Avg Cost = 30.2 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,758	22,301	0	0	5.0	107.0		
HUNTER	26.0	377,000	12,407	162,529	4,589	7,818	5,603	1,334		84.7		
BONANZA	31.0	453,220	22,359	143,095	11,447	10,912	705	(0)	45.7	61.4		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	134,800	2,816	62,065		2,816		0	37.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	16.0	30,400	6,342	137,943	3,526	2,816	2,746	2,816	53.4	171.5		
Total	189.5	1,632,654	83,703	829,979	35,280	48,422	12,974	7,670	< Avg Cost = 29.4 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,460	21,345	0	0	5.0	105.5		
HUNTER	26.0	377,000	11,150	146,063	3,875	7,275	5,277	1,045		82.7		
BONANZA	30.0	438,600	18,901	120,965	9,301	9,600	1,259	0	45.7	60.4		
COVE FORT	4.0	198,640	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	31,600	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	134,800	2,560	56,422		2,560		0	37.7			
PCP DIESEL	10.0	24,700	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	16.0	30,400	5,132	111,628	2,892	2,240	2,740	2,880	53.4	164.6		
Total	183.6	1,598,144	74,908	739,033	30,288	44,620	12,796	7,125	< Avg Cost = 31.2 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,216	21,817	0	0	5.0	101.3		
HUNTER	26.0	377,000	13,008	170,402	4,015	8,993	6,177	159		75.7		
BONANZA	30.0	438,600	20,801	133,124	10,241	10,560	1,519	0	45.7	53.4		
COVE FORT	4.0	198,640	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	31,600	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	134,800	2,816	62,065		2,816		0	37.7			
PCP DIESEL	10.0	24,700	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	12.0	15,000	0				4,704	4,224				
Total	177.9	1,575,865	75,377	680,807	29,432	45,946	16,320	7,903	< Avg Cost = 29.9 mills			>

[Fiscal Year 1999-00]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,125	109,260	0	0	50.2%
HUNTER	26.0	2262002	69,736	913537	19,371	50,365	40,325	4,131	61.1%
BONANZA	31.0	2675462	113,801	728324	50,102	63,698	19,930	238	83.6%
MEI	4.0	1191841	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	379200	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	10.0	1011001	20,960	461958	0	20,960	0	0	47.7%
PCP DIESEL	10.0	148200	0	0	0	0	22,960	20,960	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,489	257625	5,474	5,015	12	0	81.9%
	31.0	299750	56,624	1231572	27,144	29,480	29,528	22,280	41.6%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	197.0	9729925	472,346	5165248	180,992	291,354	112,755	47,609	< Avg Cost = 31.5 mills >

[Fiscal Year 1999-00]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	78,512	126,368	0	0	50.1%
HUNTER	26.0	2262002	75,387	987569	25,337	50,050	34,151	4,030	66.4%
BONANZA	31.0	2660842	124,375	795997	61,255	63,120	8,153	0	91.9%
MEI	4.0	1191841	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	189600	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	10.0	909901	18,752	413294	0	18,752	0	0	42.9%
PCP DIESEL	10.0	148200	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
	19.0	154200	20,211	439583	10,809	9,402	24,351	22,422	24.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	194.6	9698656	465,444	4479969	187,352	278,092	89,536	47,252	< Avg Cost = 30.5 mills >

[Fiscal Year 1999-00]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	143,637	235,628	0	0	46.3%
HUNTER	26.0	4524004	145,123	1901106	44,708	100,415	74,476	8,161	63.7%
BONANZA	31.0	5336304	238,175	1524321	111,357	126,818	28,083	238	87.7%
MEI	4.0	2383682	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	568800	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	10.0	1920902	39,712	875252	0	39,712	0	0	45.3%
PCP DIESEL	10.0	296400	0	0	0	0	45,840	41,760	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,489	257625	5,474	5,015	12	0	41.0%
	31.0	453950	76,835	1671156	37,953	38,882	53,879	44,702	28.3%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	211.5	19428581	937,791	9645216	368,344	569,447	202,290	94,861	< Avg Cost = 31.0 mills >

[Load and Current Run Data] H-01
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2000-01] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	87574	160.3	93.5	36059
February	78332	159.7	88.6	33805
March	79349	149.3	86.9	35033
April	72524	142.3	61.3	25809
May	75142	155.5	65.8	26507
June	82376	176.7	74.8	29820
July	89955	180.0	76.7	31913
August	93050	185.4	79.1	32087
September	81037	170.3	73.2	28249
October	78805	150.9	82.5	31757
November	78386	155.0	88.4	33191
December	85698	161.9	93.6	35035
	982,228.3	1,947.2		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-sep-00

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2000-01]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	1.0	26.13							
A PacifiCorp	c	1.25	4.0	24.0	13.0	24.0					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.4	26.13							
A PacifiCorp	c	1.25	3.0	24.0	19.0	24.0					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.9	26.13							
A PacifiCorp	c	1.25	16.0	24.0	17.0	24.0					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.8	26.13							
A PacifiCorp	c	2.60	28.0	24.0	9.0	24.0					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.8	26.13							
A PacifiCorp	c	2.60	32.0	24.0	11.0	24.0					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	2.4	26.13							
A PacifiCorp	c	2.60	28.0	24.0	11.0	24.0					

[Fiscal Year 2000-01]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.50	3.0	24.0	17.0	24.0					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.50	4.0	24.0	10.0	24.0					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	8.0	24.0	11.0	24.0					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	23.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	13.0	24.0	8.0	24.0					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.90	12.0	24.0	9.0	24.0					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.56	0.0	13.60	26.0	13.60					
a BONANZA	b	16.84	7.7	6.62	22.3	6.62					
a COVE FORT	a	50.32	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	17.54	8.0	22.87							
a PCP DIESEL	c	2.55	0.0		10.0	46.90					
a PCP STEAM	c	2.55	0.0		0.0	46.90					
A DEER CREEK	a	0.00	0.0	26.13							
A PacifiCorp	c	1.25	5.0	24.0	9.0	24.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2000-01] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,219	15,590	0	0	6.0	110.2		
HUNTER	26.0	378,560	12,469	169,572	3,606	8,863	5,962	289		76.7		
BONANZA	30.0	505,200	20,175	133,558	9,615	10,560	1,425	(0)	42.7	54.4		
COVE FORT	4.0	201,280	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	33.7			
PCP DIESEL	10.0	25,500	78	3,635	78	0	3,602	3,520		149.3		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,287	358	342	(0)	0	41.7			
PacifiCorp	17.0	21,250	6,158	147,798	2,298	3,860	3,958	2,124	50.4	102.7		
Total	159.3	1,579,990	72,524	770,263	28,381	44,143	14,947	5,933	< Avg Cost = 32.4 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	120.7		
HUNTER	26.0	378,560	11,847	161,122	2,808	9,039	6,968	529		78.0		
BONANZA	30.0	505,200	18,636	123,368	7,604	11,032	3,676	8	45.0	55.7		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	85,620	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	34.7			
PCP DIESEL	10.0	25,500	11	501	11	0	3,749	3,680		161.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,725	884	866	0	0	42.7			
PacifiCorp	22.0	27,500	8,239	197,736	1,736	6,503	6,536	1,593	52.7	104.0		
Total	171.2	1,633,246	75,142	835,116	26,088	49,053	20,929	5,810	< Avg Cost = 32.8 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	11,078	18,742	0	0	7.0	121.9		
HUNTER	26.0	378,560	11,603	157,803	3,596	8,008	6,804	312		91.6		
BONANZA	30.0	505,200	18,067	119,603	8,467	9,600	3,533	0	45.6	69.3		
COVE FORT	4.0	201,280	2,880	3,312	1,600	1,280	0	0	3.0			
MEMBER H	3.0	85,620	2,160	0	1,200	960	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	34.7			
PCP DIESEL	10.0	25,500	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	54,879	1,167	933	0	(0)	42.7			
PacifiCorp	33.0	41,250	13,186	316,466	6,498	6,688	6,702	3,872	53.3	117.6		
Total	191.7	1,683,561	82,376	976,008	33,605	48,772	21,040	7,384	< Avg Cost = 32.3 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,757	20,156	0	0	6.0	123.5		
HUNTER	26.0	378,560	9,856	134,037	3,069	6,787	7,123	2,365		103.5		
BONANZA	31.0	522,040	18,487	122,383	7,575	10,912	4,577	0	44.5	80.2		
COVE FORT	4.0	201,280	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,488	0	784	704	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	33.7			
PCP DIESEL	10.0	25,500	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,881	1,107	994	(0)	0	41.7			
PacifiCorp	37.0	96,200	20,319	487,665	10,452	9,867	4,052	3,157	52.2	178.5		
Total	197.5	1,734,582	89,955	1,150,816	36,312	53,643	19,672	9,042	< Avg Cost = 32.1 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,584	21,503	0	0	5.0	129.8		
HUNTER	26.0	378,560	10,576	143,837	2,481	8,095	7,295	1,473		106.5		
BONANZA	31.0	522,040	18,468	122,257	7,086	11,382	4,570	26	43.5	83.2		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	32.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	54,881	1,061	1,039	(0)	0	40.7			
PacifiCorp	43.0	111,800	23,155	555,710	11,368	11,786	4,800	4,038	51.2	183.9		
Total	204.9	1,731,667	93,050	1,233,011	34,461	58,589	20,425	9,217	< Avg Cost = 31.9 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	11,267	16,982	0	0	5.0	126.6		
HUNTER	26.0	378,560	10,114	137,550	2,926	7,188	7,474	1,132		102.1		
BONANZA	31.0	522,040	16,988	112,463	7,283	9,705	5,117	215	43.1	78.8		
COVE FORT	4.0	201,280	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	28,540	720	0	400	320	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	32.7			
PCP DIESEL	10.0	25,500	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,736	972	778	0	(0)	40.7			
PacifiCorp	39.0	101,400	17,775	426,605	8,815	8,960	6,785	3,520	50.8	173.6		
Total	194.6	1,696,988	81,037	1,035,631	33,264	47,773	23,376	8,067	< Avg Cost = 33.7 mills			>

[Fiscal Year 2000-01] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,352	19,405	0	0	5.0	119.5		
HUNTER	26.0	378,560	12,850	174,762	3,699	9,151	6,077	417		78.7		
BONANZA	30.0	505,200	19,176	126,946	8,136	11,040	3,144	0	45.7	56.4		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	37.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	30,000	8,189	196,534	2,148	6,041	5,372	1,319	53.4	104.7		
Total	181.5	1,646,929	78,636	851,630	28,215	50,421	18,353	5,416	< Avg Cost =	31.8 mills		>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,414	20,777	0	0	5.0	108.0		
HUNTER	26.0	378,560	13,499	183,591	4,347	9,152	5,221	(0)		79.7		
BONANZA	30.0	505,200	20,892	138,303	10,332	10,560	708	0	45.7	57.4		
COVE FORT	4.0	201,280	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	28,540	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	140,320	2,816	64,402		2,816		0	37.7			
PCP DIESEL	10.0	25,500	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	14.0	21,000	4,372	104,939	2,172	2,201	2,980	2,727	53.4	105.7		
Total	181.4	1,662,039	78,370	789,947	31,104	47,266	12,589	6,247	< Avg Cost =	31.3 mills		>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,598	20,437	0	0	5.0	112.6		
HUNTER	26.0	378,560	14,255	193,873	5,519	8,736	5,089	(0)		84.7		
BONANZA	31.0	522,040	22,384	148,183	11,968	10,416	680	(0)	45.7	61.4		
COVE FORT	4.0	201,280	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	140,320	2,688	61,475		2,688		0	37.7			
PCP DIESEL	10.0	25,500	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	19.0	36,100	7,615	182,772	4,310	3,305	3,442	3,079	53.4	110.7		
Total	192.6	1,715,026	85,698	901,537	38,436	47,262	13,290	6,439	< Avg Cost =	30.5 mills		>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,014	23,045	0	0	5.0	113.7		
HUNTER	26.0	378,560	12,781	173,818	3,962	8,819	5,814	749		89.7		
BONANZA	31.0	522,040	21,905	145,010	10,497	11,408	1,159	(0)	45.7	66.4		
COVE FORT	4.0	201,280	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	140,320	2,944	67,329		2,944		0	37.7			
PCP DIESEL	10.0	25,500	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	39,900	10,165	243,970	5,381	4,784	2,515	2,944	53.4	176.5		
Total	194.5	1,718,434	87,574	954,475	34,734	52,840	13,248	7,373	< Avg Cost =	30.5 mills		>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,402	21,403	0	0	5.0	111.5		
HUNTER	26.0	378,560	11,373	154,669	3,777	7,595	5,375	725		87.7		
BONANZA	30.0	505,200	18,661	123,533	9,061	9,600	1,499	0	45.7	65.4		
COVE FORT	4.0	201,280	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	28,540	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	140,320	2,560	58,547		2,560		0	37.7			
PCP DIESEL	10.0	25,500	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	39,900	8,574	205,777	4,734	3,840	2,658	2,880	53.4	169.6		
Total	188.6	1,681,704	78,332	846,482	31,734	46,599	13,052	6,805	< Avg Cost =	32.3 mills		>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,792	21,241	0	0	5.0	106.3		
HUNTER	26.0	378,560	12,857	174,860	4,281	8,577	6,327	159		80.7		
BONANZA	30.0	505,200	20,804	137,725	10,724	10,080	1,516	0	45.7	58.4		
COVE FORT	4.0	201,280	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	140,320	2,688	61,475		2,688		0	37.7			
PCP DIESEL	10.0	25,500	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	14.0	17,500	4,246	101,914	2,566	1,680	3,146	3,024	53.4	160.9		
Total	179.9	1,652,425	79,349	791,189	33,404	45,945	15,068	6,543	< Avg Cost =	30.8 mills		>

[Fiscal Year 2000-01]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,318	109,067	0	0	50.2%
HUNTER	26.0	2271362	66,465	903920	18,486	47,979	41,626	6,101	58.2%
BONANZA	31.0	3081722	110,820	733632	47,629	63,191	22,899	249	81.4%
COVE FORT	4.0	1207681	17,568	20203	9,248	8,320	0	0	100.0%
MEMBER H	3.0	342480	8,784	0	4,624	4,160	0	0	66.7%
UP&L SUPP	8.0	841921	16,640	380557	0	16,640	0	0	47.4%
PCP DIESEL	10.0	153000	88	4136	88	0	23,032	20,800	0.2%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	274389	5,549	4,952	0	0	82.0%
	43.0	399400	88,833	2131981	41,168	47,664	32,832	18,304	47.0%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	207.0	10060035	494,084	6000845	192,110	301,974	120,389	45,453	< Avg Cost = 32.5 mills >

[Fiscal Year 2000-01]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	78,572	126,308	0	0	50.1%
HUNTER	26.0	2271362	77,616	1055573	25,586	52,029	33,902	2,051	68.3%
BONANZA	31.0	3064882	123,822	819700	60,718	63,104	8,706	(0)	91.4%
COVE FORT	4.0	1207681	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	171240	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	841921	16,640	380557	0	16,640	0	0	47.6%
PCP DIESEL	10.0	153000	0	0	0	0	22,880	20,800	
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
	21.0	184400	43,163	1035905	21,312	21,851	20,112	15,973	47.1%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	194.6	10076556	487,960	5135259	197,628	290,332	85,600	38,823	< Avg Cost = 31.2 mills >

[Fiscal Year 2000-01]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	143,890	235,375	0	0	46.3%
HUNTER	26.0	4542724	144,080	1959493	44,072	100,009	75,528	8,151	63.3%
BONANZA	31.0	6146605	234,642	1553332	108,347	126,295	31,605	249	86.4%
COVE FORT	4.0	2415362	35,040	40296	18,400	16,640	0	0	100.0%
MEMBER H	3.0	513720	13,152	0	6,912	6,240	0	0	50.0%
UP&L SUPP	8.0	1683841	33,280	761114	0	33,280	0	0	47.5%
PCP DIESEL	10.0	306000	88	4136	88	0	45,912	41,600	0.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	274389	5,549	4,952	0	0	41.1%
	43.0	583800	131,995	3167885	62,480	69,515	52,944	34,277	35.0%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	221.5	20136591	982,044	11136104	389,738	592,306	205,989	84,277	< Avg Cost = 31.8 mills >

[Load and Current Run Data] H-02
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2001-02] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	91227	166.5	93.5	36059
February	81550	165.9	88.6	33805
March	82641	155.2	86.9	35033
April	75516	147.8	61.3	25809
May	78241	161.4	65.8	26507
June	85713	183.3	74.8	29820
July	93628	186.9	76.7	31913
August	96905	192.6	79.1	32087
September	84432	176.9	73.2	28249
October	82131	156.9	82.5	31757
November	81684	161.1	88.4	33191
December	89279	168.2	93.6	35035
	1,022,947.7	2,022.8		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-02

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2001-02]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	1.0	26.23							
A PacifiCorp	c	1.25	5.0	24.0	15.0	24.0					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.4	26.23							
A PacifiCorp	c	1.25	3.0	24.0	22.0	24.0					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	3.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.9	26.23							
A PacifiCorp	c	1.25	17.0	24.0	20.0	24.0					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	2.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.8	26.23							
A PacifiCorp	c	2.60	30.0	24.0	10.0	24.0					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.8	26.23							
A PacifiCorp	c	2.60	35.0	24.0	13.0	24.0					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	2.4	26.23							
A PacifiCorp	c	2.60	30.0	24.0	13.0	24.0					

[Fiscal Year 2001-02]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FOR6T	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.50	3.0	24.0	20.0	24.0					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.50	5.0	24.0	12.0	24.0					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	7.0	24.0	13.0	24.0					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	23.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	14.0	24.0	9.0	24.0					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.90	13.0	24.0	11.0	24.0					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.34	0.0	14.10	26.0	14.10					
a BONANZA	b	15.39	7.7	6.84	22.3	6.84					
a COVE FORT	a	51.21	4.0	1.15							
a MEMBER HYD	a	28.54	1.0	0.00							
P UP&L SUPP	a	18.23	8.0	23.75							
a PCP DIESEL	c	2.64	0.0		10.0	48.77					
a PCP STEAM	c	2.64	0.0		0.0	48.77					
A DEER CREEK	a	0.00	0.0	26.23							
A PacifiCorp	c	1.25	6.0	24.0	10.0	24.0					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2001-02] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,205	15,604	0	0	6.0	115.3		
HUNTER	26.0	398,840	12,842	181,073	3,916	8,926	5,652	226		77.7		
BONANZA	30.0	461,700	20,431	139,748	9,871	10,560	1,169	0	42.7	55.4		
COVE FORT	4.0	204,840	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	57,080	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	33.7			
PCP DIESEL	10.0	26,400	151	7,367	151	0	3,529	3,520		152.3		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,357	358	342	(0)	0	41.7			
PacifiCorp	20.0	25,000	8,447	202,731	2,886	5,561	4,474	1,479	50.4	103.7		
Total	162.3	1,570,500	75,516	849,169	29,595	45,921	14,824	5,225	<	Avg Cost = 32.0 mills		>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,856	15,651	0	0	7.0	125.3		
HUNTER	26.0	398,840	12,341	174,007	3,595	8,746	6,597	406		78.0		
BONANZA	30.0	461,700	19,417	132,815	8,857	10,560	2,903	0	45.0	55.7		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	3.0			
MEMBER H	3.0	85,620	2,232	0	1,176	1,056	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	34.7			
PCP DIESEL	10.0	26,400	31	1,532	31	0	3,889	3,520		164.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,900	922	828	0	0	42.7			
PacifiCorp	25.0	31,250	10,170	244,090	2,412	7,759	7,388	1,041	52.7	104.0		
Total	174.2	1,623,756	78,241	904,559	29,418	48,823	20,776	4,967	<	Avg Cost = 32.3 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,635	19,185	0	0	7.0	129.5		
HUNTER	26.0	398,840	11,882	167,538	3,430	8,452	6,554	284		92.6		
BONANZA	30.0	461,700	18,167	124,259	8,087	10,080	3,433	0	45.6	70.3		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	85,620	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	34.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,089	1,120	980	0	(0)	42.7			
PacifiCorp	37.0	46,250	16,016	384,376	6,673	9,343	7,535	3,089	53.3	118.6		
Total	195.7	1,675,321	85,713	1,063,812	32,632	53,080	21,362	6,733	<	Avg Cost = 32.0 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,122	20,791	0	0	6.0	130.1		
HUNTER	26.0	398,840	11,399	160,725	2,845	8,554	6,931	1,014		105.5		
BONANZA	31.0	477,090	18,565	126,986	7,157	11,408	4,499	0	44.5	82.2		
COVE FORT	4.0	204,840	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	57,080	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	33.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,091	1,061	1,039	(0)	0	41.7			
PacifiCorp	40.0	104,000	22,243	533,829	11,088	11,155	3,952	3,565	52.2	180.5		
Total	200.5	1,727,692	93,628	1,233,999	35,529	58,099	19,142	8,259	<	Avg Cost = 31.6 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,124	20,963	0	0	5.0	135.0		
HUNTER	26.0	398,840	11,540	162,707	3,066	8,474	7,126	678		109.5		
BONANZA	31.0	477,090	18,725	128,076	7,813	10,912	4,339	0	43.5	86.2		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	28,540	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	32.7			
PCP DIESEL	10.0	26,400	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,091	1,107	994	(0)	0	40.7			
PacifiCorp	48.0	124,800	25,918	622,030	13,477	12,441	5,339	4,455	51.2	186.9		
Total	209.9	1,729,977	96,905	1,323,782	38,546	58,360	20,725	8,653	<	Avg Cost = 31.5 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,719	17,530	0	0	5.0	133.5		
HUNTER	26.0	398,840	10,820	152,560	2,766	8,054	7,218	682		104.1		
BONANZA	31.0	477,090	17,089	116,888	6,872	10,217	5,032	199	43.1	80.8		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	28,540	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	32.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	45,911	934	817	0	(0)	40.7			
PacifiCorp	43.0	111,800	20,236	485,657	9,180	11,055	7,332	3,393	50.8	130.1		
Total	198.6	1,692,698	84,432	1,119,586	32,390	52,042	23,422	7,634	<	Avg Cost = 33.3 mills		>

[Fiscal Year 2001-02] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,342	19,415	0	0	5.0	125.1		
HUNTER	26.0	398,840	13,274	187,165	4,035	9,239	5,741	329		78.7		
BONANZA	30.0	461,700	19,701	134,754	8,661	11,040	2,619	(0)	45.7	56.4		
COVE FOR6	4.0	204,840	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	37.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	23.0	34,500	10,353	248,479	2,536	7,817	6,112	647	53.4	104.7		
Total	184.5	1,638,189	81,749	926,379	29,454	52,295	18,232	4,655	< Avg Cost = 31.4 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,032	20,159	0	0	5.0	113.0		
HUNTER	26.0	398,840	14,001	197,418	5,265	8,736	4,719	(0)		80.7		
BONANZA	30.0	461,700	21,235	145,245	11,155	10,080	365	(0)	45.7	58.4		
COVE FORT	4.0	204,840	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	28,540	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	37.7			
PCP DIESEL	10.0	26,400	0				3,840	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	17.0	25,500	6,831	163,945	3,073	3,758	3,455	1,954	53.4	106.7		
Total	184.4	1,653,299	81,546	869,160	34,445	47,101	12,379	5,314	< Avg Cost = 30.9 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,839	21,196	0	0	5.0	118.4		
HUNTER	26.0	398,840	14,866	209,614	5,714	9,152	4,478	0		83.7		
BONANZA	31.0	477,090	22,800	155,952	11,888	10,912	264	(0)	45.7	60.4		
COVE FORT	4.0	204,840	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	28,540	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	145,840	2,816	66,880		2,816		0	37.7			
PCP DIESEL	10.0	26,400	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	38,000	9,762	234,299	4,242	5,521	3,598	1,519	53.4	109.7		
Total	193.6	1,702,236	89,000	981,979	37,643	51,357	12,260	5,039	< Avg Cost = 30.2 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	12,975	23,084	0	0	5.0	119.4		
HUNTER	26.0	398,840	13,962	196,862	4,394	9,568	5,382	0		90.7		
BONANZA	31.0	477,090	22,238	152,106	10,830	11,408	826	0	45.7	67.4		
COVE FORT	4.0	204,840	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	28,540	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	145,840	2,944	69,920		2,944		0	37.7			
PCP DIESEL	10.0	26,400	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	23.0	43,700	12,192	292,617	6,066	6,127	2,582	2,337	53.4	116.7		
Total	196.5	1,707,544	91,115	1,035,853	36,144	54,971	12,551	6,017	< Avg Cost = 30.1 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,361	21,444	0	0	5.0	117.1		
HUNTER	26.0	398,840	12,450	175,552	4,130	8,320	5,022	0		88.7		
BONANZA	30.0	461,700	18,976	129,797	9,376	9,600	1,184	(0)	45.7	66.4		
COVE FORT	4.0	204,840	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	28,540	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	145,840	2,560	60,800		2,560		0	37.7			
PCP DIESEL	10.0	26,400	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	24.0	45,600	10,398	249,555	5,498	4,900	2,950	2,780	53.4	114.7		
Total	191.6	1,674,164	81,550	919,659	33,126	48,424	12,675	5,980	< Avg Cost = 31.8 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,748	21,285	0	0	5.0	111.9		
HUNTER	26.0	398,840	13,373	188,553	4,637	8,736	5,971	(0)		81.7		
BONANZA	30.0	461,700	21,049	143,979	10,969	10,080	1,271	0	45.7	59.4		
COVE FORT	4.0	204,840	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	28,540	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	145,840	2,688	63,840		2,688		0	37.7			
PCP DIESEL	10.0	26,400	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	16.0	20,000	6,669	160,061	3,276	3,394	3,252	1,982	53.4	107.7		
Total	181.9	1,641,685	82,532	871,649	34,670	47,862	14,574	5,342	< Avg Cost = 30.5 mills			>

[Fiscal Year 2001-02]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552028	64,661	109,724	0	0	50.2%	
HUNTER	26.0	2393042	70,823	998611	19,618	51,206	40,078	3,290	62.0%	
BONANZA	31.0	2816372	112,394	768772	48,656	63,737	21,376	199	82.6%	
MEI	4.0	1229041	17,568	20203	9,184	8,384	0	0	100.0%	
MEMBER H	3.0	342480	8,784	0	4,592	4,192	0	0	66.7%	
UP&L SUPP	8.0	875041	16,768	398240	0	16,768	0	0	47.7%	
PCP DIESEL	10.0	158400	182	8900	182	0	22,778	20,960	0.4%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	275439	5,501	5,000	0	0	82.0%	
	48.0	443100	103,030	2472714	45,715	57,315	36,021	17,021	48.9%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	212.0	10019945	514,435	6494907	198,111	316,325	120,252	41,470	< Avg Cost = 32.1 mills	>

[Fiscal Year 2001-02]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	78,297	126,583	0	0	50.1%	
HUNTER	26.0	2393042	81,926	1155163	28,175	53,751	31,313	329	72.1%	
BONANZA	31.0	2800982	125,999	861833	62,879	63,120	6,529	(0)	93.1%	
MEI	4.0	1229041	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	171240	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	8.0	875041	16,640	395200	0	16,640	0	0	47.6%	
PCP DIESEL	10.0	158400	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
	24.0	207300	56,207	1348958	24,690	31,516	21,950	11,220	53.6%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	197.6	10017116	507,492	5604678	205,482	302,010	82,671	32,349	< Avg Cost = 30.8 mills	>

[Fiscal Year 2001-02]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,265	3375460	142,958	236,307	0	0	46.3%	
HUNTER	26.0	4786084	152,750	2153774	47,793	104,957	71,391	3,619	67.1%	
BONANZA	31.0	5617354	238,393	1630605	111,535	126,857	27,905	199	87.8%	
MEI	4.0	2458082	35,040	40296	18,336	16,704	0	0	100.0%	
MEMBER H	3.0	513720	13,152	0	6,880	6,272	0	0	50.0%	
UP&L SUPP	8.0	1750081	33,408	793440	0	33,408	0	0	47.7%	
PCP DIESEL	10.0	316800	182	8900	182	0	45,658	41,760	0.2%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	275439	5,501	5,000	0	0	41.1%	
	48.0	650401	159,236	3821672	70,406	88,831	57,970	28,241	37.9%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	226.5	20037061	1,021,927	12099585	403,592	618,335	202,923	73,819	< Avg Cost = 31.4 mills	>

[Load and Current Run Data] H-03
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2002-03] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	93782	171.2	93.5	36059
February	83833	170.5	88.6	33805
March	84963	159.5	86.9	35033
April	77636	151.9	61.3	25809
May	80432	165.9	65.8	26507
June	88115	188.5	74.8	29820
July	96259	192.1	76.7	31913
August	99637	198.0	79.1	32087
September	86821	181.9	73.2	28249
October	84455	161.2	82.5	31757
November	83983	165.6	88.4	33191
December	91779	172.9	93.6	35035
	1,051,694.9	2,079.2		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-03

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2002-03]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	1.0	26.32							
A PacifiCorp	c	2.15	5.0	25.2	20.0	25.2					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.4	26.32							
A PacifiCorp	c	2.15	3.0	25.2	30.0	25.2					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.9	26.32							
A PacifiCorp	c	2.15	19.0	25.2	27.0	25.2					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.8	26.32							
A PacifiCorp	c	2.15	32.0	25.2	14.0	25.2					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.8	26.32							
A PacifiCorp	c	2.15	37.0	25.2	18.0	25.2					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	2.4	26.32							
A PacifiCorp	c	2.15	32.0	25.2	18.0	25.2					

[Fiscal Year 2002-03]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	3.0	25.2	27.0	25.2					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	5.0	25.2	16.0	25.2					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	9.0	25.2	17.0	25.2					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	23.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	15.0	25.2	12.0	25.2					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	14.0	25.2	15.0	25.2					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	15.60	0.0	14.60	26.0	14.60					
a BONANZA	b	16.99	7.7	7.08	22.3	7.08					
a COVE FORT	a	51.75	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	18.93	8.0	24.65							
a PCP DIESEL	c	2.73	0.0		10.0	50.72					
a PCP STEAM	c	2.73	0.0		0.0	50.72					
A DEER CREEK	a	0.00	0.0	26.32							
A PacifiCorp	c	2.15	6.0	25.2	14.0	25.2					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2002-03] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,195	15,614	0	0	6.0	119.2		
HUNTER	26.0	405,600	13,201	192,736	4,216	8,985	5,352	167		77.7		
BONANZA	30.0	509,700	20,633	146,082	10,073	10,560	967	0	42.7	55.4		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	736	704	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	33.7			
PCP DIESEL	10.0	27,300	87	4,414	87	0	3,593	3,520		157.3		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,420	358	342	(0)	0	41.7			
PacifiCorp	25.0	53,700	10,070	253,758	3,213	6,856	5,987	1,944	50.4	103.7		
Total	167.3	1,651,140	77,636	917,835	30,350	47,286	15,899	5,631	< Avg Cost = 33.1 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	11,299	15,208	0	0	7.0	128.7		
HUNTER	26.0	405,600	12,681	185,144	4,241	8,440	6,367	296		78.0		
BONANZA	30.0	509,700	20,109	142,368	10,029	10,080	2,211	(0)	45.0	55.7		
COVE FORT	4.0	207,000	2,976	3,422	1,632	1,344	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,224	1,008	0	0	0.0			
UP&L SUPP	8.0	151,440	2,688	66,259		2,688		0	34.7			
PCP DIESEL	10.0	27,300	1	38	1	0	4,079	3,360		172.2		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,057	960	790	0	0	42.7			
PacifiCorp	33.0	70,950	11,489	289,523	2,970	8,519	10,494	2,569	52.7	104.0		
Total	182.2	1,709,657	80,432	968,725	32,355	48,077	23,151	6,225	< Avg Cost = 33.3 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	135.2		
HUNTER	26.0	405,600	11,913	173,930	3,080	8,833	6,488	319		94.6		
BONANZA	30.0	509,700	17,905	126,766	7,345	10,560	3,695	0	45.6	72.3		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	34.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,278	1,073	1,027	0	(0)	42.7			
PacifiCorp	46.0	98,900	18,521	466,739	6,883	11,638	10,045	4,554	53.3	120.6		
Total	204.7	1,774,171	88,115	1,160,838	31,149	56,967	23,908	8,393	< Avg Cost = 33.3 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,120	20,793	0	0	6.0	134.2		
HUNTER	26.0	405,600	11,922	174,059	2,900	9,021	6,876	547		107.5		
BONANZA	31.0	526,690	18,648	132,025	7,240	11,408	4,416	0	44.5	84.2		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	33.7			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,280	1,061	1,039	(0)	0	41.7			
PacifiCorp	46.0	98,900	24,268	611,560	12,073	12,195	5,223	4,733	52.2	133.5		
Total	206.5	1,776,132	96,259	1,332,941	36,650	59,609	20,275	8,959	< Avg Cost = 32.3 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,652	20,435	0	0	5.0	138.5		
HUNTER	26.0	405,600	11,861	173,165	3,551	8,310	7,057	426		111.5		
BONANZA	31.0	526,690	18,990	134,450	8,574	10,416	4,074	0	43.5	88.2		
COVE FORT	4.0	207,000	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	151,440	2,688	66,259		2,688		0	32.7			
PCP DIESEL	10.0	27,300	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,280	1,152	949	(0)	0	40.7			
PacifiCorp	55.0	118,250	28,191	710,405	15,222	12,969	7,218	5,511	51.2	137.5		
Total	216.9	1,782,707	99,637	1,428,556	42,190	57,446	22,430	9,297	< Avg Cost = 32.2 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,226	18,023	0	0	5.0	139.0		
HUNTER	26.0	405,600	11,019	160,879	2,572	8,447	6,996	705		106.1		
BONANZA	31.0	526,690	17,061	120,794	6,387	10,675	5,021	237	43.1	82.8		
COVE FORT	4.0	207,000	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	32.7			
PCP DIESEL	10.0	27,300	0				3,680	3,520				
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,068	895	856	0	(0)	40.7			
PacifiCorp	50.0	107,500	22,325	562,586	8,982	13,343	9,418	4,257	50.8	132.1		
Total	205.6	1,747,678	86,821	1,214,471	30,901	55,919	25,116	8,719	< Avg Cost = 34.1 mills			>

[Fiscal Year 2002-03] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,337	19,420	0	0	5.0	129.1		
HUNTER	26.0	405,600	13,572	198,148	4,275	9,297	5,501	271		78.7		
BONANZA	30.0	509,700	20,014	141,699	8,974	11,040	2,306	0	45.7	56.4		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	37.7			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	12,318	310,420	3,050	9,269	8,230	1,771	53.4	104.7		
Total	191.5	1,725,869	84,325	1,008,897	30,516	53,809	19,798	5,722	< Avg Cost = 32.4 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	13,619	19,572	0	0	5.0	116.4		
HUNTER	26.0	405,600	14,591	213,027	6,271	8,320	4,129	(0)		80.7		
BONANZA	30.0	509,700	21,468	151,992	11,868	9,600	132	(0)	45.7	58.4		
COVE FORT	4.0	207,000	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	22,800	720	0	400	320	0	0	0.0			
UP&L SUPP	8.0	151,440	2,560	63,104		2,560		0	37.7			
PCP DIESEL	10.0	27,300	0				4,000	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	8,464	213,290	3,788	4,676	4,612	2,044	53.4	106.7		
Total	188.4	1,730,629	83,874	940,125	37,545	46,328	12,874	5,244	< Avg Cost = 31.8 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,145	21,890	0	0	5.0	123.0		
HUNTER	26.0	405,600	14,779	215,780	5,211	9,568	4,565	0		85.7		
BONANZA	31.0	526,690	22,628	160,205	11,220	11,408	436	(0)	45.7	62.4		
COVE FORT	4.0	207,000	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	151,440	2,944	72,570		2,944		0	37.7			
PCP DIESEL	10.0	27,300	0				3,760	3,680				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	12,522	315,542	5,059	7,463	4,717	2,105	53.4	111.7		
Total	199.6	1,779,416	91,628	1,079,331	36,515	55,113	13,478	5,785	< Avg Cost = 31.2 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,697	22,362	0	0	5.0	122.9		
HUNTER	26.0	405,600	14,324	209,135	5,172	9,152	5,020	0		91.7		
BONANZA	31.0	526,690	22,532	159,527	11,620	10,912	532	0	45.7	68.4		
COVE FORT	4.0	207,000	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	37.7			
PCP DIESEL	10.0	27,300	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	14,238	358,792	7,155	7,083	3,429	2,421	53.4	117.7		
Total	200.5	1,781,174	93,689	1,121,217	39,604	54,086	12,901	5,941	< Avg Cost = 31.0 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,328	21,477	0	0	5.0	121.2		
HUNTER	26.0	405,600	12,650	184,688	4,330	8,320	4,822	(0)		89.7		
BONANZA	30.0	509,700	19,111	135,307	9,511	9,600	1,049	0	45.7	67.4		
COVE FORT	4.0	207,000	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	151,440	2,560	63,104		2,560		0	37.7			
PCP DIESEL	10.0	27,300	0				3,520	3,200				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	12,347	311,149	6,134	6,213	4,074	3,067	53.4	115.7		
Total	196.6	1,748,594	83,833	998,203	34,063	49,770	13,465	6,267	< Avg Cost = 32.8 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,079	21,954	0	0	5.0	116.7		
HUNTER	26.0	405,600	13,595	198,493	4,443	9,152	5,749	(0)		81.7		
BONANZA	30.0	509,700	21,097	149,364	10,537	10,560	1,223	0	45.7	59.4		
COVE FORT	4.0	207,000	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	151,440	2,816	69,414		2,816		0	37.7			
PCP DIESEL	10.0	27,300	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	8,601	216,746	3,342	5,259	4,498	1,781	53.4	107.7		
Total	185.9	1,722,365	84,862	949,234	33,361	51,501	15,390	5,301	< Avg Cost = 31.5 mills			>

[Fiscal Year 2002-03]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	79.1	1762468	174,385	1552028	64,684	109,701	0	0	50.2%	
HUNTER	26.0	2433602	72,597	1059912	20,560	52,037	39,136	2,459	63.6%	
BONANZA	31.0	3109172	113,345	802484	49,647	63,699	20,385	237	83.2%	
COVE FORT	4.0	1242001	17,568	20203	9,184	8,384	0	0	100.0%	
MEMBER H	3.0	273600	8,784	0	4,592	4,192	0	0	66.7%	
UP&L SUPP	8.0	908641	16,768	413331	0	16,768	0	0	47.7%	
PCP DIESEL	10.0	163800	88	4452	88	0	22,872	20,960	0.2%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	276384	5,499	5,002	0	0	82.0%	
	55.0	548200	114,864	2894571	49,343	65,521	48,385	23,567	47.6%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	219.0	10441485	528,900	7023365	203,596	325,304	130,778	47,224	< Avg Cost = 33.0 mills	>

[Fiscal Year 2002-03]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	2182070	204,880	1823432	78,205	126,675	0	0	50.1%	
HUNTER	26.0	2433602	83,512	1219271	29,703	53,809	29,785	271	73.5%	
BONANZA	31.0	3092182	126,850	898095	63,730	63,120	5,678	0	93.7%	
COVE FORT	4.0	1242001	17,472	20093	9,152	8,320	0	0	100.0%	
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%	
UP&L SUPP	8.0	908641	16,640	410176	0	16,640	0	0	47.6%	
PCP DIESEL	10.0	163800	0	0	0	0	22,880	20,800		
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	0.0	0	0	0	0	0	0	0		
	30.0	328950	68,490	1725940	28,527	39,963	29,561	13,189	52.3%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	203.6	10488047	522,211	6097007	211,605	310,606	87,905	34,260	< Avg Cost = 31.8 mills	>

[Fiscal Year 2002-03]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor	
WAPA	93.6	3944538	379,265	3375460	142,889	236,376	0	0	46.3%	
HUNTER	26.0	4867204	156,108	2279183	50,263	105,846	68,921	2,730	68.5%	
BONANZA	31.0	6201355	240,195	1700579	113,376	126,819	26,064	237	88.4%	
COVE FORT	4.0	2484002	35,040	40296	18,336	16,704	0	0	100.0%	
MEMBER H	3.0	410400	13,152	0	6,880	6,272	0	0	50.0%	
UP&L SUPP	8.0	1817281	33,408	823507	0	33,408	0	0	47.7%	
PCP DIESEL	10.0	327600	88	4452	88	0	45,752	41,760	0.1%	
PCP STEAM	0.0	0	0	0	0	0	0	0		
DEER CREE	2.9	0	10,501	276384	5,499	5,002	0	0	41.1%	
	55.0	877151	183,354	4620511	77,870	105,484	77,946	36,756	38.1%	
	0.0	0	0	0	0	0	0	0		
	0.0	0	0	0	0	0	0	0		
Total	233.5	20929532	1,051,111	13120372	415,201	635,910	218,683	81,484	< Avg Cost = 32.4 mills	>

[Load and Current Run Data] H-04
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2003-04] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	97099	177.0	93.5	36059
February	86770	176.2	88.6	33805
March	87961	165.0	86.9	35033
April	80365	157.1	61.3	25809
May	83257	171.5	65.8	26507
June	91176	194.7	74.8	29820
July	99622	198.6	76.7	31913
August	103153	204.7	79.1	32087
September	89910	188.1	73.2	28249
October	87474	166.7	82.5	31757
November	86975	171.2	88.4	33191
December	95028	178.8	93.6	35035
	1,088,789.7	2,149.5		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-sep-03

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2003-04]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	1.0	26.42							
A PacifiCorp	c	2.15	5.0	26.5	20.0	26.5					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.4	26.42							
A PacifiCorp	c	2.15	3.0	26.5	30.0	26.5					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	3.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.9	26.42							
A PacifiCorp	c	2.15	19.0	26.5	27.0	26.5					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	2.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.8	26.42							
A PacifiCorp	c	2.15	32.0	26.5	14.0	26.5					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.8	26.42							
A PacifiCorp	c	2.15	37.0	26.5	18.0	26.5					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	2.4	26.42							
A PacifiCorp	c	2.15	32.0	26.5	18.0	26.5					

[Fiscal Year 2003-04]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	3.0	26.5	27.0	26.5					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	5.0	26.5	16.0	26.5					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	9.0	26.5	17.0	26.5					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	23.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	15.0	26.5	12.0	26.5					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	14.0	26.5	15.0	26.5					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	15.10	26.0	15.10					
a BONANZA	b	16.21	7.7	7.32	22.3	7.32					
a COVE FORT	a	53.20	4.0	1.15							
a MEMBER HYD	a	22.80	1.0	0.00							
P UP&L SUPP	a	19.62	8.0	25.59							
a PCP DIESEL	c	2.82	0.0		10.0	52.75					
a PCP STEAM	c	2.82	0.0		0.0	52.75					
A DEER CREEK	a	0.00	0.0	26.42							
A PacifiCorp	c	2.15	6.0	26.5	14.0	26.5					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2003-04] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,656	15,153	0	0	6.0	123.0		
HUNTER	26.0	386,360	13,876	209,529	5,214	8,662	4,770	74		77.7		
BONANZA	30.0	486,300	21,135	154,707	11,055	10,080	465	0	42.7	55.4		
COVE FORT	4.0	212,800	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	768	672	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	33.7			
PCP DIESEL	10.0	28,200	308	16,253	308	0	3,532	3,360		157.3		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,490	373	327	(0)	0	41.7			
PacifiCorp	25.0	53,750	11,529	305,513	3,795	7,734	5,805	666	50.4	103.7		
Total	167.3	1,620,770	80,365	1,006,290	33,705	46,659	14,572	4,100	<	Avg Cost = 32.7 mills		>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,856	15,651	0	0	7.0	134.4		
HUNTER	26.0	386,360	13,033	196,800	4,141	8,893	6,051	259		78.0		
BONANZA	30.0	486,300	20,234	148,115	9,674	10,560	2,086	(0)	45.0	55.7		
COVE FORT	4.0	212,800	2,976	3,422	1,568	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,176	1,056	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	34.7			
PCP DIESEL	10.0	28,200	121	6,364	34	86	3,886	3,434		134.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,232	922	828	0	0	42.7			
PacifiCorp	33.0	70,950	13,588	360,087	2,967	10,621	9,969	995	52.7	104.0		
Total	182.2	1,679,236	83,257	1,068,994	31,338	51,919	21,992	4,688	<	Avg Cost = 33.0 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	140.6		
HUNTER	26.0	386,360	12,255	185,048	3,346	8,909	6,222	243		94.6		
BONANZA	30.0	486,300	18,264	133,694	7,704	10,560	3,336	0	45.6	72.3		
COVE FORT	4.0	212,800	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	34.7			
PCP DIESEL	10.0	28,200	0	14		0	3,680	3,520		194.7		
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,488	1,073	1,027	0	(0)	42.7			
PacifiCorp	46.0	98,900	20,880	553,327	7,418	13,462	9,510	2,730	53.3	120.6		
Total	204.7	1,743,751	91,176	1,268,343	32,309	58,867	22,748	6,493	<	Avg Cost = 33.0 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,106	20,807	0	0	6.0	139.5		
HUNTER	26.0	386,360	12,253	185,013	3,081	9,171	6,695	397		107.5		
BONANZA	31.0	502,510	19,080	139,664	7,672	11,408	3,984	0	44.5	84.2		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	752	736	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	33.7			
PCP DIESEL	10.0	28,200	13	688		13	3,760	3,667		196.5		
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,490	1,061	1,039	(0)	0	41.7			
PacifiCorp	46.0	98,900	26,855	711,664	12,905	13,950	4,391	2,978	52.2	133.5		
Total	206.5	1,744,932	99,622	1,455,304	38,082	61,540	18,830	7,042	<	Avg Cost = 32.1 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	11,615	20,472	0	0	5.0	144.3		
HUNTER	26.0	386,360	12,299	185,720	3,900	8,399	6,708	337		111.5		
BONANZA	31.0	502,510	19,473	142,545	9,057	10,416	3,591	0	43.5	88.2		
COVE FORT	4.0	212,800	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	32.7			
PCP DIESEL	10.0	28,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,490	1,152	949	(0)	0	40.7			
PacifiCorp	55.0	118,250	30,785	815,808	15,957	14,828	6,483	3,652	51.2	137.5		
Total	216.9	1,751,507	103,153	1,557,346	43,721	59,432	20,861	7,349	<	Avg Cost = 32.1 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,215	18,034	0	0	5.0	144.8		
HUNTER	26.0	386,360	11,399	172,123	2,854	8,545	6,714	607		106.1		
BONANZA	31.0	502,510	17,289	126,557	6,547	10,742	4,861	170	43.1	82.8		
COVE FORT	4.0	212,800	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	32.7			
PCP DIESEL	10.0	28,200	35	1,869	35	0	3,645	3,520		195.6		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,243	895	856	0	(0)	40.7			
PacifiCorp	50.0	107,500	24,771	656,431	9,641	15,130	8,759	2,470	50.8	132.1		
Total	205.6	1,716,478	89,910	1,330,014	32,027	57,883	23,979	6,767	<	Avg Cost = 33.9 mills		>

[Fiscal Year 2003-04] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,872	18,885	0	0	5.0	133.5		
HUNTER	26.0	386,360	14,024	211,767	5,030	8,994	5,162	158		78.7		
BONANZA	30.0	486,300	20,619	150,930	10,059	10,560	1,701	0	45.7	56.4		
COVE FORT	4.0	212,800	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	156,960	2,816	72,061		2,816		0	37.7			
PCP DIESEL	10.0	28,200	0				3,920	3,520				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	13,665	362,110	3,860	9,804	7,900	756	53.4	104.7		
Total	191.5	1,695,449	86,601	1,082,928	33,781	52,820	18,683	4,433	< Avg Cost = 32.1 mills >			
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,903	20,288	0	0	5.0	122.1		
HUNTER	26.0	386,360	14,954	225,808	6,218	8,736	3,766	0		80.7		
BONANZA	30.0	486,300	21,504	157,411	11,424	10,080	96	0	45.7	58.4		
COVE FORT	4.0	212,800	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	22,800	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	37.7			
PCP DIESEL	10.0	28,200	451	23,815	451	0	3,389	3,360		178.4		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	10,586	280,533	3,768	6,818	4,296	238	53.4	106.7		
Total	188.4	1,700,209	86,975	1,055,064	36,685	50,290	11,546	3,598	< Avg Cost = 31.7 mills >			
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,103	21,932	0	0	5.0	128.3		
HUNTER	26.0	386,360	15,118	228,275	5,550	9,568	4,226	0		85.7		
BONANZA	31.0	502,510	22,865	167,371	11,457	11,408	199	(0)	45.7	62.4		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	37.7			
PCP DIESEL	10.0	28,200	519	27,380	519	0	3,241	3,680		189.6		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	14,828	392,933	5,416	9,412	4,360	156	53.4	111.7		
Total	199.6	1,748,216	95,028	1,206,531	37,924	57,104	12,027	3,836	< Avg Cost = 31.1 mills >			
JANUARY												
WAPA	93.5	382,293	36,059	320,925	14,347	21,712	0	0	5.0	127.3		
HUNTER	26.0	386,360	15,199	229,505	6,463	8,736	4,145	0		91.7		
BONANZA	31.0	502,510	22,930	167,850	12,514	10,416	134	0	45.7	68.4		
COVE FORT	4.0	212,800	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	156,960	2,688	68,786		2,688		0	37.7			
PCP DIESEL	10.0	28,200	0				4,080	3,360				
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	15,938	422,347	7,677	8,260	3,339	812	53.4	117.7		
Total	200.5	1,749,974	96,534	1,212,834	43,041	53,492	11,697	4,172	< Avg Cost = 30.7 mills >			
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,295	21,510	0	0	5.0	126.3		
HUNTER	26.0	386,360	13,077	197,461	4,757	8,320	4,395	(0)		89.7		
BONANZA	30.0	486,300	19,457	142,423	9,857	9,600	703	(0)	45.7	67.4		
COVE FORT	4.0	212,800	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	156,960	2,560	65,510		2,560		0	37.7			
PCP DIESEL	10.0	28,200	254	13,408	254	0	3,266	3,200		186.6		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	14,257	377,803	6,389	7,868	3,819	1,412	53.4	115.7		
Total	196.6	1,718,174	86,770	1,100,562	35,311	51,458	12,184	4,612	< Avg Cost = 32.5 mills >			
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,470	22,563	0	0	5.0	122.5		
HUNTER	26.0	386,360	13,905	209,960	4,337	9,568	5,439	0		81.7		
BONANZA	30.0	486,300	21,106	154,496	10,066	11,040	1,214	(0)	45.7	59.4		
COVE FORT	4.0	212,800	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	156,960	2,944	75,337		2,944		0	37.7			
PCP DIESEL	10.0	28,200	594	31,307	311	282	3,449	3,398		121.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	10,660	282,485	3,327	7,333	4,193	27	53.4	107.7		
Total	185.9	1,691,945	87,961	1,068,802	32,391	55,570	14,295	3,425	< Avg Cost = 31.4 mills >			

[Fiscal Year 2003-04]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	64,639	109,746	0	0	50.2%
HUNTER	26.0	2318162	75,115	1134232	22,536	52,579	37,160	1,917	65.8%
BONANZA	31.0	2966432	115,476	845282	51,709	63,766	18,323	170	84.8%
COVE FORT	4.0	1276801	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,576	4,208	0	0	66.7%
UP&L SUPP	8.0	941761	16,768	429093	0	16,768	0	0	47.7%
PCP DIESEL	10.0	169200	477	25187	378	100	22,582	20,860	1.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	277434	5,477	5,024	0	0	82.0%
	55.0	548250	128,409	3402831	52,683	75,725	44,917	13,491	53.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	219.0	10256675	547,483	7686291	211,183	336,300	122,981	36,438	< Avg Cost = 32.8 mills >

[Fiscal Year 2003-04]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	77,989	126,891	0	0	50.1%
HUNTER	26.0	2318162	86,277	1302776	32,354	53,922	27,134	158	76.0%
BONANZA	31.0	2950222	128,481	940480	65,377	63,104	4,047	(0)	94.9%
COVE FORT	4.0	1276801	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	941761	16,640	425818	0	16,640	0	0	47.6%
PCP DIESEL	10.0	169200	1,818	95911	1,536	282	21,344	20,518	4.2%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
	30.0	328950	79,933	2118211	30,437	49,495	27,907	3,401	61.0%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	203.6	10303966	539,868	6726720	219,133	320,735	80,432	24,076	< Avg Cost = 31.5 mills >

[Fiscal Year 2003-04]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	142,628	236,637	0	0	46.3%
HUNTER	26.0	4636324	161,391	2437009	54,890	106,501	64,294	2,075	70.9%
BONANZA	31.0	5916655	243,957	1785762	117,086	126,870	22,370	170	89.8%
COVE FORT	4.0	2553602	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,864	6,288	0	0	50.0%
UP&L SUPP	8.0	1883522	33,408	854911	0	33,408	0	0	47.7%
PCP DIESEL	10.0	338400	2,296	121098	1,914	382	43,926	41,378	2.6%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	277434	5,477	5,024	0	0	41.1%
	55.0	877201	208,341	5521042	83,120	125,221	72,824	16,891	43.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	233.5	20560642	1,087,351	14413011	430,316	657,035	203,413	60,514	< Avg Cost = 32.2 mills >

[Load and Current Run Data] H-05
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2004-05] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	100562	183.0	93.5	36059
February	89833	182.1	88.6	33805
March	91090	170.6	86.9	35033
April	83212	162.5	61.3	25809
May	86205	177.3	65.8	26507
June	94367	201.3	74.8	29820
July	103129	205.3	76.7	31913
August	106823	211.6	79.1	32087
September	93134	194.5	73.2	28249
October	90626	172.4	82.5	31757
November	90099	177.1	88.4	33191
December	98421	184.9	93.6	35035
	1,127,501	2,222.6		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-05

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

[Fiscal Year 2004-05]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	27.8	20.0	27.8					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	27.8	30.0	27.8					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	27.8	27.0	27.8					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	27.8	14.0	27.8					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	27.8	18.0	27.8					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	32.0	27.8	18.0	27.8					

[Fiscal Year 2004-05]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	27.8	27.0	27.8					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	27.8	16.0	27.8					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	27.8	17.0	27.8					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	27.8	12.0	27.8					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	27.8	15.0	27.8					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	27.8	14.0	27.8					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2004-05] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	11,116	14,693	0	0	6.0	127.5		
HUNTER	26.0	386,360	14,650	262,231	6,336	8,314	4,064	6		77.7		
BONANZA	30.0	537,000	21,462	162,468	11,862	9,600	138	(0)	42.7	55.4		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	800	640	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	34.7			
PCP DIESEL	10.0	29,200	1,708	93,735	572	1,136	3,428	2,064		123.7		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	389	311	(0)	0	33.7			
PacifiCorp	25.0	53,750	11,941	331,959	4,307	7,634	5,693	366	50.4	103.7		
Total	167.3	1,674,790	83,150	1,169,984	36,982	46,167	13,323	2,436	< Avg Cost = 34.2 mills			>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	140.4		
HUNTER	26.0	386,360	13,310	238,249	3,986	9,324	5,790	244		78.0		
BONANZA	30.0	537,000	20,174	152,717	9,134	11,040	2,146	0	45.0	55.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.0			
PCP DIESEL	10.0	29,200	2,003	109,949	117	1,887	3,643	1,793		134.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,407	884	866	0	0	34.7			
PacifiCorp	33.0	70,950	14,309	397,779	3,067	11,241	9,341	903	52.7	104.0		
Total	182.2	1,733,257	86,205	1,262,658	30,233	55,971	20,920	2,940	< Avg Cost = 34.8 mills			>
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,191	19,629	0	0	7.0	145.8		
HUNTER	26.0	386,360	12,606	225,645	3,608	8,998	5,960	154		94.6		
BONANZA	30.0	537,000	18,678	141,390	8,118	10,560	2,922	0	45.6	72.3		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,104	1,056	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.6			
PCP DIESEL	10.0	29,200	179	9,797		179	3,680	3,341		194.7		
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,073	1,027	0	(0)	34.7			
PacifiCorp	46.0	98,900	23,129	642,976	8,088	15,041	8,840	1,151	53.3	120.6		
Total	204.7	1,797,771	94,367	1,419,038	33,654	60,713	21,403	4,646	< Avg Cost = 34.1 mills			>
JULY												
WAPA	76.7	313,601	31,913	284,026	12,337	19,576	0	0	6.0	143.9		
HUNTER	26.0	386,360	12,661	226,627	4,145	8,516	6,463	220		107.5		
BONANZA	31.0	554,900	19,920	150,791	9,504	10,416	3,144	(0)	44.5	84.2		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	816	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	36.5			
PCP DIESEL	10.0	29,200	606	33,272	441	165	3,639	3,195		196.5		
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,152	949	(0)	0	33.7			
PacifiCorp	46.0	98,900	28,778	800,015	14,633	14,144	4,135	1,312	52.2	133.5		
Total	206.5	1,800,642	103,129	1,625,273	44,660	58,470	17,381	4,727	< Avg Cost = 33.2 mills			>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,487	21,600	0	0	5.0	152.7		
HUNTER	26.0	386,360	12,586	225,290	3,351	9,235	6,425	333		111.5		
BONANZA	31.0	554,900	19,505	147,656	8,097	11,408	3,559	0	43.5	88.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	35.5			
PCP DIESEL	10.0	29,200	250	13,696	178	72	3,582	3,608		206.9		
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	33,630	934,921	14,713	18,917	5,967	1,323	51.2	137.5		
Total	216.9	1,807,217	106,823	1,744,483	39,768	67,055	19,533	5,264	< Avg Cost = 33.2 mills			>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,211	18,038	0	0	5.0	150.4		
HUNTER	26.0	386,360	11,658	208,686	3,086	8,573	6,482	579		106.1		
BONANZA	31.0	554,900	17,542	132,791	6,711	10,831	4,697	81	43.1	82.8		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	35.1			
PCP DIESEL	10.0	29,200	295	16,164	212	83	3,468	3,437		150.1		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	895	856	0	(0)	32.7			
PacifiCorp	50.0	107,500	27,224	756,834	10,381	16,843	8,019	757	50.8	132.1		
Total	205.6	1,772,189	93,134	1,490,444	33,336	59,799	22,666	4,855	< Avg Cost = 35.0 mills			>

[Fiscal Year 2004-05] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	13,405	18,352	0	0	5.0	138.2		
HUNTER	26.0	386,360	14,478	259,151	5,777	8,701	4,831	35		78.7		
BONANZA	30.0	537,000	21,308	161,301	11,228	10,080	1,012	0	45.7	56.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.7			
PCP DIESEL	10.0	29,200	2,472	135,689	547	1,926	3,533	1,434		131.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	14,080	391,434	4,610	9,471	7,630	609	53.4	104.7		
Total	191.5	1,749,469	90,503	1,305,054	37,606	52,897	17,007	2,078	< Avg Cost = 33.8 mills >			
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,274	20,917	0	0	5.0	128.0		
HUNTER	26.0	386,360	15,225	272,526	6,073	9,152	3,495	0		80.7		
BONANZA	30.0	537,000	21,524	162,935	10,964	10,560	76	0	45.7	58.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	2,437	133,758	637	1,800	3,043	1,720		122.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	11,173	310,618	3,788	7,385	3,940	7	53.4	106.7		
Total	188.4	1,754,229	89,966	1,253,369	35,575	54,391	10,554	1,726	< Avg Cost = 33.4 mills >			
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	13,785	21,250	0	0	5.0	133.3		
HUNTER	26.0	386,360	15,757	282,058	6,605	9,152	3,587	0		85.7		
BONANZA	31.0	554,900	23,034	174,367	12,122	10,912	30	0	45.7	62.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	2,500	137,210	909	1,591	3,011	1,929		128.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	15,370	427,278	6,218	9,152	3,974	0	53.4	111.7		
Total	199.6	1,803,926	98,232	1,410,967	41,600	56,633	10,602	1,929	< Avg Cost = 32.7 mills >			
JANUARY												
WAPA	93.5	382,293	36,059	320,925	13,551	22,508	0	0	5.0	133.3		
HUNTER	26.0	386,360	15,686	280,775	6,534	9,152	3,658	0		91.7		
BONANZA	31.0	554,900	23,000	174,111	12,088	10,912	64	(0)	45.7	68.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	2,152	118,111	914	1,238	3,006	2,282		129.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	17,022	473,205	7,518	9,504	3,066	(0)	53.4	117.7		
Total	200.5	1,805,684	100,455	1,445,371	42,565	57,890	9,795	2,282	< Avg Cost = 32.4 mills >			
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,265	21,540	0	0	5.0	131.8		
HUNTER	26.0	386,360	13,476	241,222	5,156	8,320	3,996	(0)		89.7		
BONANZA	30.0	537,000	19,759	149,576	10,159	9,600	401	(0)	45.7	67.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	37.7			
PCP DIESEL	10.0	29,200	1,026	56,295	705	321	2,815	2,879		130.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	15,847	440,555	6,571	9,276	3,637	4	53.4	115.7		
Total	196.6	1,772,194	89,833	1,259,623	36,616	53,217	10,849	2,883	< Avg Cost = 33.7 mills >			
MARCH												
WAPA	86.9	355,524	35,033	311,794	12,462	22,571	0	0	5.0	127.4		
HUNTER	26.0	386,360	14,373	257,281	4,805	9,568	4,971	(0)		81.7		
BONANZA	30.0	537,000	21,487	162,654	10,447	11,040	833	0	45.7	59.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.7			
PCP DIESEL	10.0	29,200	2,497	137,022	437	2,060	3,323	1,620		121.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	10,920	303,583	3,571	7,350	3,949	10	53.4	107.7		
Total	185.9	1,745,965	90,974	1,253,978	33,602	57,372	13,077	1,630	< Avg Cost = 33.0 mills >			

[Fiscal Year 2004-05]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	64,756	109,629	0	0	50.2%
HUNTER	26.0	2318162	77,471	1386728	24,512	52,959	35,184	1,537	67.8%
BONANZA	31.0	3275703	117,280	887813	53,426	63,855	16,606	81	86.1%
COVE FORT	4.0	1286881	17,568	20203	9,184	8,384	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,592	4,192	0	0	66.7%
UP&L SUPP	8.0	945601	16,768	445526	0	16,768	0	0	47.7%
PCP DIESEL	10.0	175200	5,040	276614	1,520	3,520	21,440	17,440	11.5%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,454	5,046	0	0	82.0%
	55.0	548250	139,010	3864483	55,189	83,821	41,995	5,811	57.5%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	219.0	10585865	566,808	8711880	218,633	348,175	115,225	24,869	< Avg Cost = 34.0 mills >

[Fiscal Year 2004-05]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	77,743	127,137	0	0	50.1%
HUNTER	26.0	2318162	88,995	1593013	34,950	54,045	24,538	35	78.4%
BONANZA	31.0	3257803	130,111	984943	67,007	63,104	2,417	0	96.1%
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.6%
PCP DIESEL	10.0	175200	13,085	718085	4,148	8,937	18,732	11,863	30.0%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
	30.0	328950	84,413	2346672	32,275	52,138	26,197	630	64.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	203.6	10631467	559,964	7928363	227,563	332,401	71,884	12,528	< Avg Cost = 33.1 mills >

[Fiscal Year 2004-05]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	142,499	236,766	0	0	46.3%
HUNTER	26.0	4636324	166,466	2979742	59,462	107,004	59,722	1,572	73.1%
BONANZA	31.0	6533505	247,392	1872756	120,433	126,959	19,023	81	91.1%
COVE FORT	4.0	2573762	35,040	40296	18,336	16,704	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,880	6,272	0	0	50.0%
UP&L SUPP	8.0	1891202	33,408	887651	0	33,408	0	0	47.7%
PCP DIESEL	10.0	350400	18,125	994699	5,668	12,457	40,172	29,303	20.7%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,454	5,046	0	0	41.1%
	55.0	877201	223,423	6211156	87,464	135,959	68,192	6,441	46.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	233.5	21217332	1,126,772	16640243	446,196	680,576	187,109	37,397	< Avg Cost = 33.6 mills >

[Load and Current Run Data] H-06
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2005-06] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	104179	189.3	93.5	36059
February	93031	188.3	88.6	33805
March	94356	176.5	86.9	35033
April	86184	168.1	61.3	25809
May	89282	183.3	65.8	26507
June	97696	208.1	74.8	29820
July	106789	212.3	76.7	31913
August	110653	218.8	79.1	32087
September	96501	201.2	73.2	28249
October	93919	178.4	82.5	31757
November	93362	183.3	88.4	33191
December	101964	191.3	93.6	35035
	1,167,915	2,298.8		

Weekday Peak/Offpk hours:
oooooooppppppppppppppo

Run Date: 1-sep-05

Run Hours: 720

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	73.2	28249

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2005-06]
SUMMER SEASON

Resource Name and *Priority*		Capacity Cost *$/kW-mo*	Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy *MWH*
APRIL											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P *UP&L SUPP*	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	29.2	20.0	29.2					
MAY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	29.2	30.0	29.2					
JUNE											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	29.2	27.0	29.2					
JULY											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	29.2	14.0	29.2					
AUGUST											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	29.2	18.0	29.2					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	45.5	8.9					8309
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P *UP&L SUPP*	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	32.0	29.2	18.0	29.2					

[Fiscal Year 2005-06]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	29.2	27.0	29.2					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	29.2	16.0	29.2					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	29.2	17.0	29.2					
JANUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	29.2	12.0	29.2					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	29.2	15.0	29.2					
MARCH											
A WAPA	a	4.09	32.7	8.9	40.4	8.9					4671
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	8.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	29.2	14.0	29.2					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2005-06] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,639	15,170	0	0	6.0	133.3		
HUNTER	26.0	386,360	15,013	268,736	6,277	8,736	3,707	0		77.7		
BONANZA	30.0	537,000	21,511	162,835	11,431	10,080	89	0	42.7	55.4		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	768	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	34.7			
PCP DIESEL	10.0	29,200	3,635	199,474	654	2,981	3,186	379		123.7		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	373	327	(0)	0	33.7			
PacifiCorp	25.0	53,750	12,260	358,004	4,184	8,076	5,416	324	50.4	103.7		
Total	167.3	1,674,790	85,936	1,312,041	35,862	50,074	12,398	703	< Avg Cost = 34.8 mills >			
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	146.5		
HUNTER	26.0	386,360	13,666	244,621	4,269	9,397	5,507	171		78.0		
BONANZA	30.0	537,000	20,452	154,818	9,412	11,040	1,868	0	45.0	55.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.0			
PCP DIESEL	10.0	29,200	3,346	183,626	254	3,092	3,506	588		134.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,407	884	866	0	0	34.7			
PacifiCorp	33.0	70,950	14,705	429,388	3,342	11,363	9,066	781	52.7	104.0		
Total	182.2	1,733,257	88,578	1,376,418	31,207	57,371	19,947	1,541	< Avg Cost = 35.1 mills >			
JUNE												
WAPA	74.8	305,830	29,820	265,398	10,635	19,185	0	0	7.0	150.3		
HUNTER	26.0	386,360	13,021	233,081	4,321	8,700	5,663	36		94.6		
BONANZA	30.0	537,000	19,279	145,941	9,199	10,080	2,321	0	45.6	72.3		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,152	1,008	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.6			
PCP DIESEL	10.0	29,200	1,257	68,989	37	1,221	3,803	2,139		147.6		
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,120	980	0	(0)	34.7			
PacifiCorp	46.0	98,900	24,441	713,679	9,571	14,870	8,093	586	53.3	120.6		
Total	204.7	1,797,771	97,647	1,557,519	37,570	60,076	19,880	2,761	< Avg Cost = 34.4 mills >			
JULY												
WAPA	76.7	313,601	31,913	284,026	12,280	19,633	0	0	6.0	149.9		
HUNTER	26.0	386,360	13,086	234,232	4,480	8,606	6,128	130		107.5		
BONANZA	31.0	554,900	20,436	154,700	10,020	10,416	2,628	0	44.5	84.2		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	816	672	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	36.5			
PCP DIESEL	10.0	29,200	2,123	116,506	1,058	1,065	3,022	2,295		147.5		
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,152	949	(0)	0	33.7			
PacifiCorp	46.0	98,900	29,884	872,617	14,764	15,121	4,004	335	52.2	133.5		
Total	206.5	1,800,642	106,694	1,792,623	46,201	60,493	15,783	2,761	< Avg Cost = 33.7 mills >			
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,460	21,627	0	0	5.0	159.2		
HUNTER	26.0	386,360	12,965	232,071	3,632	9,333	6,144	235		111.5		
BONANZA	31.0	554,900	19,999	151,390	8,591	11,408	3,065	0	43.5	88.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	35.5			
PCP DIESEL	10.0	29,200	1,815	99,632	394	1,421	3,366	2,259		155.5		
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	34,966	1,021,021	15,167	19,799	5,513	441	51.2	137.5		
Total	216.9	1,807,217	110,597	1,927,033	41,186	69,411	18,088	2,934	< Avg Cost = 33.8 mills >			
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	10,672	17,577	0	0	5.0	155.5		
HUNTER	26.0	386,360	11,934	213,616	3,712	8,222	6,272	514		106.1		
BONANZA	31.0	554,900	17,847	135,104	7,433	10,414	4,471	2	43.1	82.8		
COVE FORT	4.0	214,480	2,880	3,312	1,536	1,344	0	0	1.0			
MEMBER H	1.0	22,800	720	0	384	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	35.1			
PCP DIESEL	10.0	29,200	2,045	112,211	496	1,549	3,344	1,811		150.1		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	934	817	0	(0)	32.7			
PacifiCorp	50.0	107,500	28,317	826,849	12,105	16,212	7,095	588	50.8	132.1		
Total	205.6	1,772,189	96,430	1,660,349	37,271	59,159	21,183	2,915	< Avg Cost = 35.6 mills >			

[Fiscal Year 2005-06] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,847	18,910	0	0	5.0	144.8		
HUNTER	26.0	386,360	14,668	262,557	5,527	9,141	4,665	11		78.7		
BONANZA	30.0	537,000	21,396	161,970	10,836	10,560	924	0	45.7	56.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	3,778	207,315	609	3,169	3,311	351		131.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	14,511	423,717	4,533	9,978	7,227	582	53.4	104.7		
Total	191.5	1,749,469	92,646	1,416,440	36,311	56,335	16,128	944	< Avg Cost = 34.2 mills			>
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,277	20,914	0	0	5.0	133.0		
HUNTER	26.0	386,360	15,881	284,272	6,729	9,152	2,839	(0)		80.7		
BONANZA	30.0	537,000	21,590	163,439	11,030	10,560	10	0	45.7	58.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	4,273	234,517	805	3,469	2,875	51		122.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	11,530	336,677	4,138	7,392	3,590	(0)	53.4	106.7		
Total	188.4	1,754,229	92,882	1,392,438	36,819	56,063	9,314	51	< Avg Cost = 33.9 mills			>
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,444	20,591	0	0	5.0	138.2		
HUNTER	26.0	386,360	16,734	299,538	7,998	8,736	2,610	0		85.7		
BONANZA	31.0	554,900	23,064	174,594	12,648	10,416	0	0	45.7	62.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	8.0	157,600	2,688	71,420		2,688		0	37.7			
PCP DIESEL	10.0	29,200	4,351	238,807	1,171	3,181	2,909	179		128.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	15,721	459,047	6,985	8,736	3,623	0	53.4	111.7		
Total	199.6	1,803,926	101,313	1,558,641	45,285	56,028	9,143	179	< Avg Cost = 33.2 mills			>
JANUARY												
WAPA	93.5	382,293	36,059	320,925	12,875	23,184	0	0	5.0	139.7		
HUNTER	26.0	386,360	16,002	286,430	6,434	9,568	3,342	(0)		91.7		
BONANZA	31.0	554,900	23,025	174,300	11,617	11,408	39	(0)	45.7	68.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	8.0	157,600	2,944	78,222		2,944		0	37.7			
PCP DIESEL	10.0	29,200	4,585	251,645	950	3,635	2,810	45		129.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	17,294	504,996	7,358	9,936	2,794	0	53.4	117.7		
Total	200.5	1,805,684	103,630	1,619,940	41,114	62,515	8,985	45	< Avg Cost = 33.1 mills			>
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,238	21,567	0	0	5.0	137.4		
HUNTER	26.0	386,360	13,882	248,487	5,562	8,320	3,590	0		89.7		
BONANZA	30.0	537,000	19,978	151,237	10,378	9,600	182	(0)	45.7	67.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	8.0	157,600	2,560	68,019		2,560		0	37.7			
PCP DIESEL	10.0	29,200	3,028	166,172	905	2,122	2,615	1,078		130.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	16,131	471,022	6,851	9,280	3,357	(0)	53.4	115.7		
Total	196.6	1,772,194	92,744	1,408,893	37,694	55,050	9,743	1,078	< Avg Cost = 34.3 mills			>
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,058	21,975	0	0	5.0	131.9		
HUNTER	26.0	386,360	15,041	269,225	5,889	9,152	4,303	(0)		81.7		
BONANZA	30.0	537,000	21,934	166,042	11,374	10,560	386	0	45.7	59.4		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	1.0			
MEMBER H	1.0	22,800	744	0	392	352	0	0	0.0			
UP&L SUPP	8.0	157,600	2,816	74,821		2,816		0	37.7			
PCP DIESEL	10.0	29,200	4,250	233,229	767	3,483	3,153	37		121.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	11,154	325,707	4,114	7,040	3,726	(0)	53.4	107.7		
Total	185.9	1,745,965	93,948	1,384,242	37,162	56,786	11,568	37	< Avg Cost = 33.3 mills			>

[Fiscal Year 2005-06]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	65,098	109,287	0	0	50.2%
HUNTER	26.0	2318162	79,685	1426357	26,690	52,994	33,422	1,086	69.8%
BONANZA	31.0	3275703	119,523	904788	56,085	63,438	14,443	2	87.8%
COVE FORT	4.0	1286881	17,568	20203	9,248	8,320	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,624	4,160	0	0	66.7%
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.4%
PCP DIESEL	10.0	175200	14,221	780439	2,893	11,328	20,227	9,472	32.4%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,524	4,976	0	0	82.0%
	55.0	548250	144,574	4221558	59,133	85,441	39,187	3,055	59.9%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	219.0	10585865	585,881	9625984	229,296	356,585	107,279	13,615	< Avg Cost = 34.5 mills >

[Fiscal Year 2005-06]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	77,738	127,142	0	0	50.1%
HUNTER	26.0	2318162	92,207	1650511	38,138	54,069	21,350	11	81.2%
BONANZA	31.0	3257803	130,988	991582	67,884	63,104	1,540	0	96.7%
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	8.0	945601	16,640	442125	0	16,640	0	0	47.6%
PCP DIESEL	10.0	175200	24,265	1331685	5,206	19,059	17,674	1,741	55.6%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
	30.0	328950	86,341	2521166	33,979	52,362	24,317	582	65.9%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	203.6	10631467	577,162	8780593	234,386	342,776	64,880	2,333	< Avg Cost = 33.6 mills >

[Fiscal Year 2005-06]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	142,836	236,429	0	0	46.3%
HUNTER	26.0	4636324	171,892	3076868	64,828	107,064	54,772	1,096	75.5%
BONANZA	31.0	6533505	250,511	1896371	123,969	126,542	15,983	2	92.2%
COVE FORT	4.0	2573762	35,040	40296	18,400	16,640	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,912	6,240	0	0	50.0%
UP&L SUPP	8.0	1891202	33,280	884250	0	33,280	0	0	47.5%
PCP DIESEL	10.0	350400	38,486	2112124	8,100	30,387	37,900	11,213	43.9%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,524	4,976	0	0	41.1%
	55.0	877201	230,915	6742724	93,112	137,803	63,504	3,637	47.9%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	233.5	21217332	1,163,043	18406577	463,682	699,361	172,159	15,948	< Avg Cost = 34.1 mills >

[Load and Current Run Data] H-07
Current Year Loads and Allocations JSS%Grth
[Fiscal Year 2006-07] NCP/GenL

Month	Energy MWH	Demand MW	WAPA MW	WAPA MWH
January	107957	195.9	93.5	36059
February	96370	194.8	88.6	33805
March	97768	182.7	86.9	35033
April	89288	173.9	61.3	25809
May	92495	189.6	65.8	26507
June	101169	215.1	74.8	29820
July	110608	219.5	76.7	31913
August	114652	226.4	79.1	32087
September	100018	208.1	73.2	28249
October	97358	184.6	82.5	31757
November	96771	189.6	88.4	33191
December	105666	198.0	93.6	35035
	1,210,120	2,378.2		

Weekday Peak/Offpk hours:
ooooooopppppppppppppppo

Run Date: 1-mar-07

Run Hours: 744

Runtime load adjustments:
% demand: 100.0000%
% energy: 100.0000%

% Reserves: 7.0%

Committment weighting factors:
1.00 0.00 0.00 0.00

WAPA/CRSP values for current run:	MW	MWH
	86.9	35033

** **** SEASONAL RUN INPUT DATA ********* **********

[Fiscal Year 2006-07]
SUMMER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Minimum MW	$/MWH	Incr. 2 MW	$/MWH	Incr. 3 MW	$/MWH	Incr. 4 MW	$/MWH	Peaking Energy MWH
APRIL											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	1.0	26.5							
A PacifiCorp	c	2.15	5.0	30.6	20.0	30.6					
MAY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp	c	2.15	3.0	30.6	30.0	30.6					
JUNE											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	3.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.9	26.5							
A PacifiCorp	c	2.15	19.0	30.6	27.0	30.6					
JULY											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	2.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	32.0	30.6	14.0	30.6					
AUGUST											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.8	26.5							
A PacifiCorp	c	2.15	37.0	30.6	18.0	30.6					
SEPTEMBER											
A WAPA	a	4.09	27.7	8.9	59.2	8.9					14429
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	2.4	26.5							
A PacifiCorp]	c	2.15	32.0	30.6	18.0	30.6					

[Fiscal Year 2006-07]
WINTER SEASON

Resource Name and Priority		Capacity Cost $/kW-mo	Capacity Loading: Minimum MW	Minimum $/MWH	Incr. 2 MW	Incr. 2 $/MWH	Incr. 3 MW	Incr. 3 $/MWH	Incr. 4 MW	Incr. 4 $/MWH	Peaking Energy MWH
OCTOBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	3.0	30.6	27.0	30.6					
NOVEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	5.0	30.6	16.0	30.6					
DECEMBER											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	9.0	30.6	17.0	30.6					
JANUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	23.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	15.0	30.6	12.0	30.6					
FEBRUARY											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	14.0	30.6	15.0	30.6					
MARCH											
A WAPA	a	4.09	32.7	8.9	54.2	8.9					10668
a HUNTER	b	14.86	0.0	17.9	26.0	17.90					
a BONANZA	b	17.90	7.7	7.6	22.3	7.57					
a COVE FORT	a	53.62	4.0	1.2							
a MEMBER HYD	a	22.80	1.0	0.0							
P UP&L SUPP	a	19.70	0.0	26.6							
a PCP DIESEL	c	2.92	0.0		10.0	54.88					
a PCP STEAM	c	2.92	0.0		0.0	54.88					
A DEER CREEK	a	0.00	0.0	26.5							
A PacifiCorp	c	2.15	6.0	30.6	14.0	30.6					

[MONTHLY OUTPUT REPORTS FOR SEASONAL RUNS]

[Fiscal Year 2006-07] SUMMER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
APRIL												
WAPA	61.3	250,799	25,809	229,700	10,191	15,618	0	0	6.0	139.0		
HUNTER	26.0	386,360	15,235	272,705	6,083	9,152	3,485	(0)		69.7		
BONANZA	30.0	537,000	21,520	162,910	10,960	10,560	80	(0)	34.7	47.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,440	0	736	704	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,068	223,261	768	3,300	2,912	220		115.7		
PCP STEAM	0.0											
DEER CREE	1.0	0	700	18,560	358	342	(0)	0	33.7			
PacifiCorp	25.0	53,750	12,882	394,177	4,194	8,687	5,006	113	42.4	95.7		
Total	159.3	1,517,190	84,534	1,304,625	34,763	49,771	11,482	333	<	Avg Cost = 33.4 mills		>
MAY												
WAPA	65.8	269,265	26,507	235,912	10,413	16,094	0	0	7.0	152.1		
HUNTER	26.0	386,360	14,181	253,840	4,620	9,561	5,156	7		70.0		
BONANZA	30.0	537,000	20,856	157,880	9,816	11,040	1,464	0	37.0	47.7		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	3.0			
MEMBER H	3.0	68,400	2,232	0	1,128	1,104	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	3,749	205,743	364	3,385	3,396	295		126.0		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,407	884	866	0	0	34.7			
PacifiCorp	33.0	70,950	15,233	466,125	3,675	11,557	8,733	587	44.7	96.0		
Total	174.2	1,575,656	87,484	1,369,330	32,404	55,079	18,749	888	<	Avg Cost = 33.7 mills		>
JUNE												
WAPA	74.8	305,830	29,820	265,398	11,078	18,742	0	0	7.0	155.1		
HUNTER	26.0	386,360	13,476	241,223	5,156	8,320	5,244	0		86.6		
BONANZA	30.0	537,000	19,990	151,325	10,390	9,600	1,610	0	37.6	64.3		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	3.0			
MEMBER H	3.0	68,400	2,160	0	1,200	960	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	3,326	182,507	329	2,996	3,671	204		139.6		
PCP STEAM	0.0											
DEER CREE	2.9	0	2,100	55,698	1,167	933	0	(0)	34.7			
PacifiCorp	46.0	98,900	25,146	769,477	10,706	14,440	7,694	280	45.3	112.6		
Total	196.7	1,640,171	98,898	1,668,940	41,626	57,272	18,218	483	<	Avg Cost = 33.5 mills		>
JULY												
WAPA	76.7	313,601	31,913	284,026	11,532	20,381	0	0	6.0	156.8		
HUNTER	26.0	386,360	13,494	241,543	4,342	9,152	5,850	0		99.5		
BONANZA	31.0	554,900	20,786	157,349	9,874	10,912	2,278	0	36.5	76.2		
COVE FORT	4.0	214,480	2,976	3,422	1,568	1,408	0	0	2.0			
MEMBER H	2.0	45,600	1,488	0	784	704	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,299	235,919	1,017	3,282	2,903	238		139.5		
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,107	994	(0)	0	33.7			
PacifiCorp	46.0	98,900	30,162	922,951	14,156	16,006	3,876	186	44.2	125.5		
Total	198.5	1,643,042	107,218	1,900,910	44,380	62,838	14,907	424	<	Avg Cost = 33.1 mills		>
AUGUST												
WAPA	79.1	323,626	32,087	285,574	10,452	21,635	0	0	5.0	165.5		
HUNTER	26.0	386,360	13,513	241,877	3,945	9,568	5,831	0		103.5		
BONANZA	31.0	554,900	20,605	155,981	9,197	11,408	2,459	0	35.5	80.2		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	3,933	215,868	491	3,443	3,269	237		147.5		
PCP STEAM	0.0											
DEER CREE	2.8	0	2,100	55,700	1,061	1,039	(0)	0	32.7			
PacifiCorp	55.0	118,250	35,505	1,086,456	15,622	19,884	5,058	356	43.2	129.5		
Total	208.9	1,649,617	111,464	2,044,880	42,648	68,816	16,618	594	<	Avg Cost = 33.1 mills		>
SEPTEMBER												
WAPA	73.2	299,347	28,249	251,418	11,130	17,119	0	0	5.0	161.0		
HUNTER	26.0	386,360	12,380	221,603	4,272	8,108	6,128	212		98.1		
BONANZA	31.0	554,900	18,172	137,563	8,252	9,920	4,148	0	35.1	74.8		
COVE FORT	4.0	214,480	2,880	3,312	1,600	1,280	0	0	1.0			
MEMBER H	1.0	22,800	720	0	400	320	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	3,511	192,684	603	2,908	3,397	292		142.1		
PCP STEAM	0.0											
DEER CREE	2.4	0	1,750	46,418	972	778	0	(0)	32.7			
PacifiCorp}	50.0	107,500	29,523	903,391	13,883	15,640	6,117	360	42.8	124.1		
Total	197.6	1,614,588	97,185	1,756,389	41,112	56,074	19,791	863	<	Avg Cost = 34.7 mills		>

[Fiscal Year 2006-07] WINTER SEASON

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Dispatch Capacity Threshholds (MW) Base	2nd	3rd	4th
OCTOBER												
WAPA	82.5	337,528	31,757	282,637	12,313	19,444	0	0	5.0	151.4		
HUNTER	26.0	386,360	14,812	265,141	5,244	9,568	4,532	0		70.7		
BONANZA	30.0	537,000	21,388	161,909	10,348	11,040	932	(0)	37.7	48.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,129	226,596	701	3,428	3,059	252		123.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	30.0	64,500	15,198	465,067	4,520	10,678	6,760	362	45.4	96.7		
Total	183.5	1,591,869	91,005	1,404,773	35,007	55,998	15,282	614	< Avg Cost = 32.9 mills >			
NOVEMBER												
WAPA	88.4	361,638	33,191	295,400	12,273	20,918	0	0	5.0	138.4		
HUNTER	26.0	386,360	16,557	296,363	7,405	9,152	2,163	(0)		72.7		
BONANZA	30.0	537,000	21,600	163,512	11,040	10,560	0	0	37.7	50.4		
COVE FORT	4.0	214,480	2,880	3,312	1,472	1,408	0	0	1.0			
MEMBER H	1.0	22,800	720	0	368	352	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,509	247,444	989	3,520	2,691	(0)		114.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	21.0	45,150	11,836	362,174	4,444	7,392	3,284	0	45.4	98.7		
Total	180.4	1,596,629	91,292	1,368,205	37,990	53,302	8,139	(0)	< Avg Cost = 32.5 mills >			
DECEMBER												
WAPA	93.6	382,685	35,035	311,812	14,426	20,609	0	0	5.0	144.0		
HUNTER	26.0	386,360	17,376	311,026	8,640	8,736	1,968	(0)		77.7		
BONANZA	31.0	554,900	23,064	174,594	12,648	10,416	0	0	37.7	54.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,832	265,191	1,472	3,360	2,608	(0)		120.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	26.0	55,900	15,963	488,473	7,227	8,736	3,381	0	45.4	103.7		
Total	191.6	1,646,326	99,990	1,554,519	46,453	53,537	7,957	(0)	< Avg Cost = 32.0 mills >			
JANUARY												
WAPA	93.5	382,293	36,059	320,925	12,830	23,229	0	0	5.0	145.7		
HUNTER	26.0	386,360	16,656	298,141	7,088	9,568	2,688	(0)		83.7		
BONANZA	31.0	554,900	23,060	174,564	11,652	11,408	4	0	37.7	60.4		
COVE FORT	4.0	214,480	2,976	3,422	1,504	1,472	0	0	1.0			
MEMBER H	1.0	22,800	744	0	376	368	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,736	259,916	1,056	3,680	2,704	0		121.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	27.0	58,050	17,575	537,781	7,639	9,936	2,513	(0)	45.4	109.7		
Total	192.5	1,648,084	101,805	1,594,749	42,145	59,661	7,910	(0)	< Avg Cost = 31.9 mills >			
FEBRUARY												
WAPA	88.6	362,403	33,805	300,865	12,209	21,596	0	0	5.0	143.3		
HUNTER	26.0	386,360	14,401	257,771	6,081	8,320	3,071	0		81.7		
BONANZA	30.0	537,000	20,092	152,093	10,492	9,600	68	(0)	37.7	59.4		
COVE FORT	4.0	214,480	2,688	3,091	1,408	1,280	0	0	1.0			
MEMBER H	1.0	22,800	672	0	352	320	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,175	229,113	975	3,200	2,545	0		122.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	29.0	62,350	16,411	502,180	7,131	9,280	3,077	(0)	45.4	107.7		
Total	188.6	1,614,594	92,243	1,445,113	38,647	53,596	8,762	(0)	< Avg Cost = 33.2 mills >			
MARCH												
WAPA	86.9	355,524	35,033	311,794	13,634	21,399	0	0	5.0	136.7		
HUNTER	26.0	386,360	15,959	285,663	7,223	8,736	3,385	0		73.7		
BONANZA	30.0	537,000	22,206	168,100	12,126	10,080	114	0	37.7	51.4		
COVE FORT	4.0	214,480	2,976	3,422	1,632	1,344	0	0	1.0			
MEMBER H	1.0	22,800	744	0	408	336	0	0	0.0			
UP&L SUPP	0.0											
PCP DIESEL	10.0	29,200	4,436	243,453	1,076	3,360	3,004	0		113.7		
PCP STEAM	0.0											
DEER CREE	0.0											
PacifiCorp	20.0	43,000	11,376	348,108	4,656	6,720	3,504	(0)	45.4	99.7		
Total	177.9	1,588,365	92,730	1,360,540	40,755	51,975	10,007	0	< Avg Cost = 31.8 mills >			

[Fiscal Year 2006-07]
SUMMER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	79.1	1762468	174,385	1552028	64,797	109,589	0	0	50.2%
HUNTER	26.0	2318162	82,279	1472792	28,417	53,861	31,695	219	72.1%
BONANZA	31.0	3275703	121,930	923008	58,490	63,440	12,038	0	89.6%
COVE FORT	4.0	1286881	17,568	20203	9,248	8,320	0	0	100.0%
MEMBER H	3.0	273600	8,784	0	4,624	4,160	0	0	66.7%
UP&L SUPP	0.0	0	0	0	0	0	0	0	
PCP DIESEL	10.0	175200	22,886	1255982	3,572	19,314	19,548	1,486	52.1%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,549	4,952	0	0	82.0%
	55.0	548250	148,450	4542577	62,236	86,214	36,484	1,882	61.5%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	211.0	9640265	586,783	10045075	236,933	349,850	99,765	3,586	< Avg Cost = 33.5 mills >

[Fiscal Year 2006-07]
WINTER SEASON TOTAL

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	2182070	204,880	1823432	77,685	127,195	0	0	50.1%
HUNTER	26.0	2318162	95,760	1714104	41,680	54,080	17,808	(0)	84.3%
BONANZA	31.0	3257803	131,410	994772	68,306	63,104	1,118	(0)	97.0%
COVE FORT	4.0	1286881	17,472	20093	9,152	8,320	0	0	100.0%
MEMBER H	1.0	136800	4,368	0	2,288	2,080	0	0	100.0%
UP&L SUPP	0.0	0	0	0	0	0	0	0	
PCP DIESEL	10.0	175200	26,817	1471714	6,269	20,548	16,611	252	61.4%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	0.0	0	0	0	0	0	0	0	
	30.0	328950	88,359	2703784	35,617	52,742	22,519	362	67.4%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	195.6	9685866	569,066	8727899	240,997	328,069	58,057	614	< Avg Cost = 32.4 mills >

[Fiscal Year 2006-07]
TOTAL YEAR

Resource Name	Capacity (MW)	($)	Energy (MWH)	($)	Energy Dispatched Off-Peak (MWH)	Energy Dispatched On-Peak (MWH)	Surplus Energy Off-Peak (MWH)	Surplus Energy On-Peak (MWH)	Capacity Factor
WAPA	93.6	3944538	379,265	3375460	142,482	236,783	0	0	46.3%
HUNTER	26.0	4636324	178,039	3186896	70,097	107,941	49,503	219	78.2%
BONANZA	31.0	6533505	253,340	1917781	126,796	126,544	13,156	0	93.3%
COVE FORT	4.0	2573762	35,040	40296	18,400	16,640	0	0	100.0%
MEMBER H	3.0	410400	13,152	0	6,912	6,240	0	0	50.0%
UP&L SUPP	0.0	0	0	0	0	0	0	0	
PCP DIESEL	10.0	350400	49,703	2727696	9,840	39,863	36,160	1,737	56.7%
PCP STEAM	0.0	0	0	0	0	0	0	0	
DEER CREE	2.9	0	10,501	278484	5,549	4,952	0	0	41.1%
	55.0	877201	236,809	7246361	97,853	138,956	59,003	2,244	49.2%
	0.0	0	0	0	0	0	0	0	
	0.0	0	0	0	0	0	0	0	
Total	225.5	19326131	1,155,849	18772974	477,929	677,919	157,822	4,200	< Avg Cost = 33.0 mills >