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March 29, 2001



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Public Service Commission
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Dear Ms Bayo:

Pursuant to the Florida Statute 186.801, enclosed please find 25 copies of JEA's 2001 Ten Year Site Plan.

If you have any questions, please contact me at (904) 665-6196.

Sincerely,

Chuck Bond
Manager, Capacity Planning

APP	_____
CAF	_____
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Ten Year Site Plan



April 2001

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1.0 Introduction

The objective of JEA's Ten-Year Site Plan is to develop an environmentally sound power supply strategy, which provides reliable electric service at the lowest practical cost. This report represents the 2001 Ten Year Site Plan for JEA covering a planning period from 2001 to 2010.

2.0 Existing Facilities

2.1 Generation

Electric System

JEA's electric service area covers all of Duval County and portions of Clay County and St. Johns County. JEA's service area covers approximately 900 square miles.

The generating capability of JEA's system currently consists of the Kennedy, Northside, and Southside generating stations, and joint ownership in St. Johns River Power Park and Scherer generating stations. The total net capability of JEA's generation system is 2,828 MW in the winter and 2,704 MW in the summer. Details of the existing facilities are displayed in Schedule 1.

JEA's transmission system consists of bulk power transmission facilities operating at 69 kV or higher. This includes all transmission lines and associated facilities where each transmission line ends at the substation's termination structure. JEA owns 684 circuit-miles of transmission lines at five voltage levels: 69kV, 115kV, 138kV, 230kV, and 500kV. JEA's transmission system includes a 230 kV loop surrounding JEA's service territory. The transmission system is shown in Figure 2-1. JEA is currently interconnected with Florida Power & Light (FP&L), Seminole Electric Cooperative (SECI), and Florida Public Utilities (FPU). Interconnections with FP&L are at 230 kV to the Sampson and Duval Substations. The interconnection to SECI is at 230 kV and at 138 kV to FPU. JEA closed breaker 801 at the Neptune 138 kV Substation to interconnect to the City of Jacksonville Beach (FMPA) through the Jacksonville Beach 138 kV Substation on March 20, 2000.

JEA and FP&L jointly own two 500 kV transmission lines that are interconnected with Georgia Power Company. JEA, FP&L, Florida Power Corporation (FPC) and the City of Tallahassee each own transmission interconnections with Georgia Power Company. JEA's entitlement over these transmission lines is 1,228 out of 3,600 MW of import capability.

JEA's system is interconnected with the 500 kV transmission lines at FPL's Duval Substation.

Jointly Owned Generating Units

The St. Johns River Power Park (SJRPP) is jointly owned by JEA (80 percent) and FP&L (20 percent). SJRPP consists of two nominal 638 MW bituminous coal fired units located north of the Northside Generating Station. Unit 1 began commercial operation in March of 1987 and Unit 2 followed in May of 1988. Both owners are entitled to 50 percent of the output of SJRPP. Since FP&L's ownership is only 20 percent, the remaining 30 percent of capacity and energy output is reflected as a firm sale. The two units have operated efficiently since commercial operation. To reduce fuel costs and increase fuel diversity, a blend of petroleum coke and coal is currently being burned in the units.

JEA and FP&L have purchased an undivided interest in Georgia Power Company's Robert W. Scherer Unit 4. Unit 4 is a coal-fired generating unit with a net output of 846 MW located in Monroe County, Georgia. JEA purchased 150 megawatts of Scherer Unit 4 in July 1991 and purchased an additional 50 megawatts on June 1, 1995. Georgia Power Company delivers the power from the unit to the jointly owned 500 kV transmission lines.

Power Purchases

Southern Company and JEA entered a unit power sales contract in which JEA purchases 200 MW of firm capacity and energy from specific Southern Company coal units through the year 2010. JEA has the unilateral option, upon three years notice, to cancel 150 MW of the UPS.

JEA entered into a purchase power agreement in 1996 with Enron Power Marketing, Inc. for firm power from October 1, 1996 through December 31, 2002. The available capacity varies monthly, ranging from 64 to 85 MW in 1997 to 69 to 92 MW in 2002. JEA reserves capacity at the Florida/Georgia interface for delivery of this power.

JEA entered into an agreement with The Energy Authority (TEA) to purchase 25 MW of annual firm capacity and energy for the term March 1999 through May 31, 2001. Also, JEA acquired capacity through TEA to fill the 2001 winter (250 MW) need due to construction schedule delays on Brandy Branch Units 1 & 2.

JEA has encouraged and continues to monitor opportunities for cogeneration. Cogeneration facilities reduce the demand from JEA's system and/or provide additional capacity to the system. JEA purchases power from four customer-owned qualifying facilities (QF's), as defined in the Public Utilities Regulatory Policy Act of 1978, having a



total installed summer peak capacity of 17 MW and winter peak capacity of 19 MW. JEA purchases energy from these QF's on as-available (non-firm) basis.

The following JEA customers have Qualifying Facilities located within JEA's service territory.

<u>Cogenerator Name</u>	<u>Unit Type</u>	<u>In-Service Date</u>	<u>Net Capability³ – MW</u>	
			<u>Summer</u>	<u>Winter</u>
Anheiser Busch	COG ¹	Apr-88	8	9
Baptist Hospital	COG	Oct-82	7	8
Ring Power Landfill	SPP ²	Apr-92	1	1
St Vincents Hospital	COG	Dec-91	<u>1</u>	<u>1</u>
			17	19

Notes:

1 Cogenerator

2 Small Power Producer

3 Net generating capability, not net generation sold to the JEA

Power Sales

JEA returned Kennedy Combustion Turbine Unit 4 (CT4) to service from retirement status in March 1994. Concurrently, JEA sold to SECI priority dispatch rights for one-seventh of the aggregate CT output capacity of the JEA system. JEA's CTs include Kennedy Units 3, 4, and 5, and Northside Units 3, 4, 5, and 6. For planning purposes, JEA and SECI assume SECI's base committed capacity is 53 MW. Full entitlement sales began January 1, 1995, and will continue through December 31, 2001. SECI has extended the term through May 21, 2004.

JEA also furnishes wholesale power to Florida Public Utilities Company (FPU) for resale to the City of Fernandina Beach in Nassau County, north of Jacksonville. JEA is contractually committed to supply FPU until 2007. Sales to FPU in 2000 totaled 482 GWh (3.95 percent of JEA's total system energy requirements).

2.2 Transmission

JEA continues to monitor and upgrade the bulk power transmission system as necessary to provide reliable electric service to its customers. JEA continually reviews needs and options for increasing the capability of the transmission system. JEA has set forth the following planning criteria for the transmission system:

- Plan to limit the loading of transmission lines and auto-transformers to provide safe and reliable transmission service under normal and single contingency conditions without undue expected loss of component life.
- Plan the transmission system to withstand single contingencies without loss of customer load.
- Plan the transmission system to operate within 5 percent of nominal voltage during normal and single contingency conditions.
- Plan the transmission system so that circuit breakers can interrupt the maximum available breaker fault current.
- Plan substation relays to sense breaker failures and clear faults in sufficient time to avoid generator instability problems. The worst case fault considered in planning is a three-phase fault.
- Meet the Florida Reliability Coordinating Council's (FRCC) operation guidelines.
- Meet or exceed the FRCC's reliability guidelines for transmission system interface Available Transfer Capabilities. This includes the use of single contingency criteria as well as considering the needs for operating reserve margin requirements, and capacity benefit margins.

2.3 Demand Side Management

DSM Plan (1996 – 2000)

In December 1995, the Florida Public Service Commission (PSC) approved a Demand-Side Management (DSM) plan for JEA. At that time JEA's DSM Plan contained three residential customer programs and one commercial/industrial program. The three residential customer programs included:

- Architect, contractor, and building inspector continuing education classes,
- Appliance efficiency education and
- Low income audits.

The commercial program was a lighting modification program that promoted energy savings and power quality improvements. These programs helped improve customer satisfaction by increasing the number of valuable energy services available to JEA's customers.

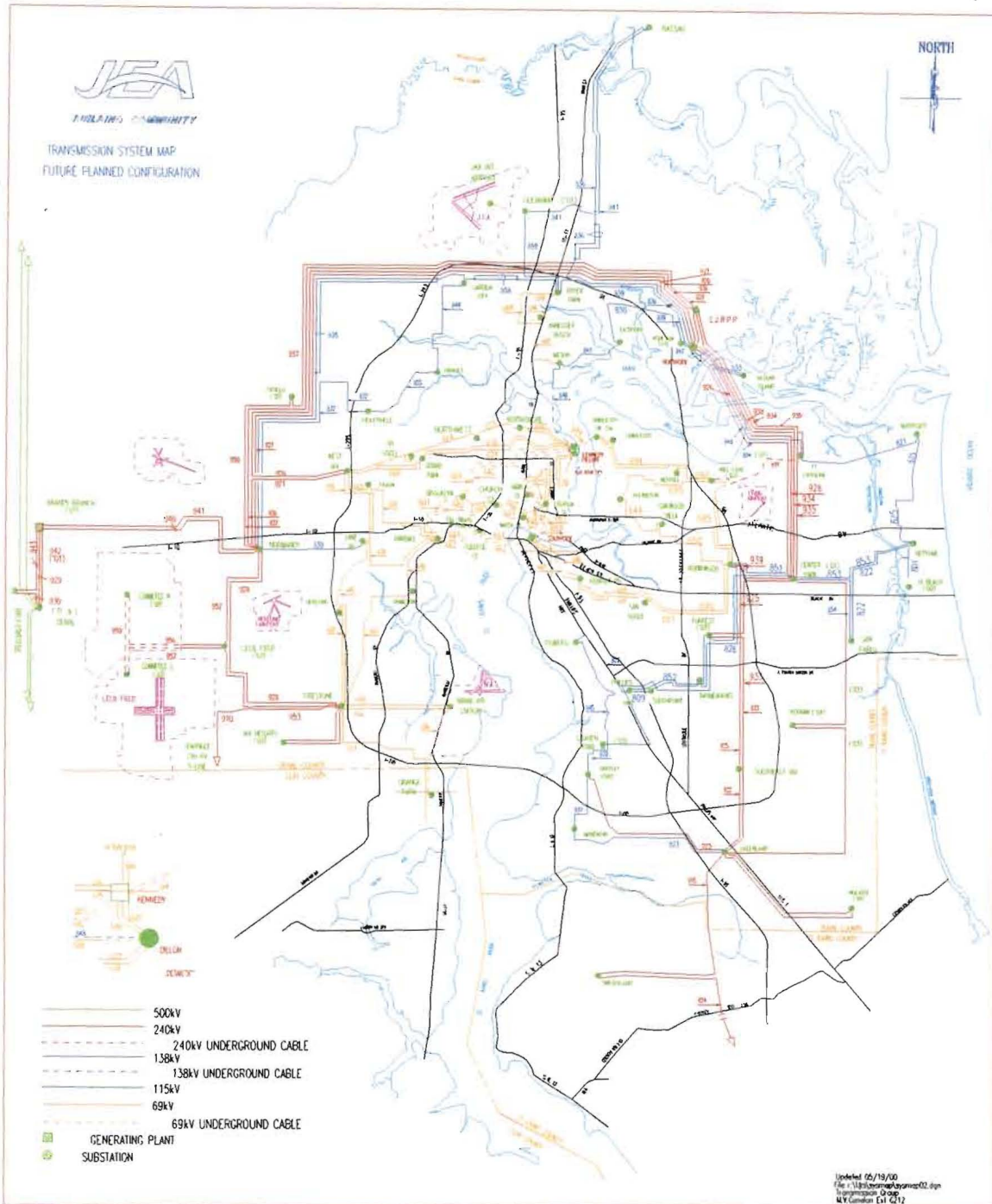
DSM Plan (2001 – 2010)

JEA studied numerous DSM measures, evaluated the measures using the Commission approved Florida Integrated Resource Evaluator (FIRE) model and developed goals and a plan based upon these results. The Rate-Impact Measure or RIM test was used to determine the cost-effectiveness of the DSM alternatives appropriate for a municipal utility. Some investor-owned utilities in the state also use the RIM test to determine cost-effective DSM alternatives.

None of the alternatives tested was found to be cost-effective for JEA. The inability to find cost-effective DSM measures is primarily due to the low cost of new generation, high efficiency of new generation, low interest rates, low fuel price and low fuel price projections. On February 21, 2001, the PSC approved JEA's Plan for zero DSM goals for 2001-2010.

JEA has, however, agreed to continue several DSM programs, including the residential education seminars, residential energy audits, commercial educational programs, commercial energy audits, and community conservation programs. These programs will be monitored and re-evaluated to determine the best programs for the customers.

**Figure 2-1
JEA Transmission Map**



3.0 Fuel Forecast

The fuel forecast represents a major economic factor in the selection of resources for future supply to JEA's electrical system. The base case fuel forecast includes coal, natural gas, residual fuel oil, distillate oil, and petroleum coke. High and low fuel price projections were also developed for sensitivity analyses. JEA currently purchases natural gas transportation from Florida Gas Transmission Company (FGT) under FTS-1. JEA's natural gas entitlements include 40,000 Mbut/day for FGT FTS-1 and contract extensions are at JEA's option. JEA has committed to an additional 14,000 Mbtu/day of FGT FTS-2 beginning in spring 2002.

4.0 Load and Energy Forecast

JEA's load and electrical characteristics have many similarities to other Peninsular Florida utilities. JEA's calendar year 2000 peak demand was 2,614 MW, occurring in December. The net energy for load (NEL) for 2000 was 12,196 GWH. Summer peak demand has increased at an average annual rate of 3.4%, winter peak demand 4.1% and net energy for load 3.5% over the period from 1991 through 2000.

The 1999 forecasts of electric power demand, energy consumption, and number of customers were prepared by JEA. These forecasts are based on trend analyses of historical electric load data for the JEA system and adjusted for JEA's assessment of the strength of the local economy. While impacts of retail wheeling and other results of deregulation on the loads served by JEA have not been explicitly forecasted, the high and low energy growth forecasts provide a range to bracket potential effects.

The electric power demand forecast is based on a trend analysis of historical data and analysis of the local economy, weather-normalized to typical ambient temperatures. Schedule 3 and 4 provides a summary of the basecase peak and energy forecasts for the Ten-Year Site Plan.

The energy consumption forecast represents a trend analysis of historical data for the aggregate customer base. Sales to ultimate customers by rate class were derived by trending the historical use per customer data and multiplying by the forecasted number of customers. Historical and forecast load factors were compared to check the reasonableness of the independently developed demand and energy forecasts. A detailed explanation of how the Load and Energy forecast is developed is included as Appendix A.

5.0 Facility Requirements

5.1 Unit Retirements and Shutdowns

The following JEA oil/gas steam units are reaching the end of their useful lifetimes and are scheduled for retirement.

<u>Unit</u>	<u>Commercial Operation Date</u>	<u>Change in Status</u>	<u>Planned Date</u>
Southside Unit 4	1958	Retirement	October 2001
Southside Unit 5	1964	Retirement	October 2001

Upon retirement, the units will have been in service for over 35 years. Retirement of the units will allow JEA the opportunity to replace the capacity with newer more efficient technology that will have lower emissions. JEA has established the above dates for the unit retirements.

5.2 Combustion Turbines

JEA contracted with General Electric for the supply of four frame 7FA combustion turbines. One unit was installed at the Kennedy Generating Station, and began commercial operation in June 2000. The three additional units are currently being installed on property owned by JEA at the Brandy Branch site near Baldwin, FL. The construction of the Brandy Branch units began in late 1999 with the scheduled completion of the first two units in May 2001 and the third unit in December 2001. Each simple cycle combustion turbine will operate primarily on natural gas with #2 distillate used as a backup fuel. The summer/winter output of each combustion turbine is 149,000/185,000 kW, respectively, operating on natural gas and 158,000/191,000 kW, respectively, operating on #2 distillate.

Each new combustion turbine utilizes a dry low NOx combustion system to regulate the distribution of fuel delivered to a multi-nozzle, total premix combustor arrangement. The fuel flow distribution is calculated to maintain unit load and fuel split for optimal turbine emissions. In addition, when operating on #2 distillate, demineralized water is injected into the combustion chamber to reduce the firing temperature, which reduces the formation of NOx. The ratio of the flowrate of demineralized water to #2 distillate is approximately equal. The NOx emissions when operating on natural gas and #2 distillate will be controlled to 10.5 and 42 ppm, respectively.

5.3 Northside Units 1 and 2

On May 21, 1997, JEA approved a plan to move forward with the repowering of Northside Units 1 and 2. The project involves the installation of new circulating fluidized bed (CFB) boilers, burning petroleum coke and coal. The project has been identified as a Clean Coal Project by the Department of Energy, which will contribute \$73.07 million to the repowering of Northside Unit 2. During the first two years of operation, Unit 2 will burn coal and petroleum coke. Two coals and two coal / petroleum coke blends will be demonstrated over the two-year period.

The repowering project will include the following items:

- 2 - 265 net MW CFB boilers
- Limestone unloading, storage and reclaim system
- Fuel unloading, storage, and reclaim system
- Ash handling and storage system
- Baghouses
- Chimney
- Polishing scrubbers
- By-product storage area
- Refurbishment of existing Balance of Plant equipment

The repowering project will result in a plant wide (steam units) 10 percent reduction of NO_x, SO₂, and particulate emissions and a 10 percent reduction in groundwater use, while providing 265 MW of additional electric supply capacity. These units are currently under construction with substantial completion dates of April 2002 for Unit 2 and summer 2002 Unit 1.

5.4 Brandy Branch Combined Cycle Conversion

On February 28, 2001, the Florida Public Service Commission issued an Order Granting Petition For Determine of Need for the Brandy Branch Combined Cycle Conversion. JEA is converting two of the Brandy Branch simple cycle units into a combined cycle unit. The Brandy Branch Plant was designed with future expansion in mind, namely adding the steam turbine unit to the site. This expansion will occur in the northwest quadrant of the current plant, adjacent to the existing combustion turbines.

The conversion is accomplished by adding two heat recovery steam generators (HRSGs) to two of the three existing combustion turbines, one steam turbine generator, and balance of plant equipment. One HRSG will be added to each of the two combustion turbines and the two HRSGs will share the steam turbine generator. This conversion will create a one-block 2 x 1 combined cycle and is currently scheduled for commercial operation June 2004. The ISO rating of the steam turbine addition is assumed to be 173 MW. The total capacity of the Brandy Branch power plant, including the remaining simple cycle unit and the combined cycle unit after the conversion, will be 683 MW.

5.5 Future Resource Needs

Based on the peak demand and energy forecasts, existing supply resources and contracts, transmission considerations, and unit retirements, JEA has evaluated future supply capacity needs for the electric system. Table 5-1 displays the likely need for capacity when assuming the base case load forecast for JEA's system for a ten-year period beginning in 2001.

Table 5-1 Resource Needs After Committed Units Forecast of Capacity and Demand at Time Of Peak									
Summer									
Year	Installed Capacity MW	Firm Capacity		QF MW	Available Capacity MW	Firm Peak Demand MW	Reserve Margin Before Maintenance		Capacity Required For 15% Reserves MW
		Import MW	Export MW				MW	Percent	
2001	3,027	298	435	0	2,891	2,380	510	21%	0
2002	2,979	299	435	0	2,844	2,461	382	16%	0
2003	3,244	207	435	0	3,017	2,544	473	19%	0
2004	3,429	207	383	0	3,254	2,627	626	24%	0
2005	3,429	207	383	0	3,254	2,712	541	20%	0
2006	3,429	207	383	0	3,254	2,799	455	16%	0
2007	3,429	207	383	0	3,254	2,887	366	13%	67
2008	3,429	207	383	0	3,254	2,977	277	9%	170
2009	3,429	207	383	0	3,254	3,069	185	6%	275
2010	3,429	0	383	0	3,047	3,162	(115)	-4%	589
Winter									
Year	Installed Capacity MW	Firm Capacity		QF MW	Available Capacity MW	Firm Peak Demand MW	Reserve Margin Before Maintenance		Capacity Required For 15% Reserves MW
		Import MW	Export MW				MW	Percent	
2000	2,827	560	445	0	2,943	2,521	422	17%	0
2002	2,929	287	445	0	2,772	2,596	176	7%	213
2003	3,459	207	445	0	3,222	2,684	538	20%	0
2004	3,077	207	445	0	2,840	2,774	0	0%	350
2005	3,650	207	383	0	3,474	2,865	609	21%	0
2006	3,650	207	383	0	3,474	2,958	516	17%	0
2007	3,650	207	383	0	3,474	3,052	422	14%	36
2008	3,650	207	383	0	3,474	3,149	326	10%	147
2009	3,650	207	383	0	3,474	3,247	228	7%	259
2010	3,650	207	383	0	3,474	3,346	128	4%	374
Committed Units:									
1. Brandy Branch CTs 1 and 2 - Jan 2001					4. Northside Unit 2 - April 2002				
2. Brandy Branch CT 3 on-line - Dec 2001					5. Northside Unit 1 - Summer 2002				
3. Northside Unit 1 - Outage for Fuel Conversion - Jan thru April 2002									

5.6 Resource Plan

The analysis of JEA's electric system to determine the current plan included a review of existing electric supply resources, forecasts of customer energy requirements and peak demands, forecasts of fuel prices and availability, and an analysis of alternatives for resources to meet future capacity and energy needs.

Forecasts of system peak demand growth and energy consumption were utilized for the resource plan. A range of demand growth and energy consumption was reviewed, with the base case peak demand indicating a need for additional capacity to meet system reserve requirements beginning in the year 2007. This need encompasses the inclusion of existing supply resources, transmission system considerations, future changes in existing resources, the addition of four combustion turbines, the Northside Units 1 and 2 CFB repowerings and the Brandy Branch Combined Cycle conversion.

Capacity alternatives were modeled using EPRI's Electric Generation Expansion Analysis System (EGEAS), an optimal generation expansion model, to determine the least-cost expansion plan. The least-cost plan was based on the total present worth costs over a twenty year planning horizon. Several sensitivity analyses were performed to determine the impact on the least-cost plan.

In addition to cost considerations, environmental and land use considerations were factored into the resource plans. This ensured that the least-cost plans selected were socially and environmentally responsible and demonstrated JEA's total commitment to building the community.

Based on modeling of the JEA system, forecast of demand and energy, forecast of fuel prices and availability, and environmental considerations; Table 5-2 presents the expansion plan that provides JEA with the least-cost plan which meets strategic goals. The expansion plan demonstrates strength with small variance in supply alternatives over the numerous sensitivities.

**Table 5-2
Reference Plan**

Year	Month/ Season	Expansion Plan
2001	Winter	Purchase 250 MW
	May	2-168 MW CTs at Brandy Branch (<i>In Construction</i>)
	October	Retire Southside Unit 4 and Unit 5
	December	1-168 MW CT at Brandy Branch (<i>In Construction</i>)
2002	Winter	Purchase 225 MW
	April	Northside 1 CFB Repowering
	Summer	Northside 2 CFB Repowering
2003		
2004	Winter	Purchase 350 MW
	June	Convert 2 Brandy Branch CTs to Combined Cycle (186 Additional MWs)
2005		
2006		
2007	January	Build 1-323 MW Greenfield Combined Cycle
2008		
2009		
2010	January	Build 1-250 MW Greenfield CFB
	Summer	Purchase 50 MW

6.0 Project Status

6.1 Brandy Branch Combustion Turbines And Combined Cycle Conversion

Site Description

JEA's Brandy Branch Generating Station consists of three gas/oil fired simple cycle combustion turbine electric generating units. These combustion turbines are GE PG7241 (FA) units with a nominal rating of 173 MW ISO each. The combustion turbines are dual fuel capable and will be operated with natural gas as the primary fuel and distillate oil as the backup fuel. These units were delivered to the Brandy Branch site in late 1999 and early 2000. Construction began in late 1999. Units 1 and 2 are scheduled for operation in May 2001 and Unit 3 in December 2001. The Brandy Branch site plan is shown on Figure 6-1.

Water Supply

Service and fire water for use at the generating station is normally supplied from onsite wells. Potable water, construction water, and a backup supply for service water will be provided from the City of Baldwin.

The service water will be demineralized using rental filtration and demineralizer equipment to provide high quality water for NO_x water injection.

Land Use

The plant site is a new site near the City of Baldwin. Baldwin is west of Jacksonville on Highway 301 a short distance north of Interstate 10. The plant site is a short distance north of Highway 90 east of Baldwin. The generation area will consist of the plant buildings, structures, and equipment required for the power plant.

Environmental Features

The combustion turbines selected for this project are state-of-the-art machines capable of firing natural gas and distillate oil.

Emissions

The combustion turbines utilize a dry low NO_x combustion system to regulate the distribution of fuel delivered to a multi-nozzle, total premix combustion arrangement. The fuel flow distribution is calculated to maintain unit load and fuel split for optimal

combustion turbine emissions. In addition, when operating on distillate oil, demineralized water is injected into the combustion chamber to reduce the firing temperature, which reduces the formation of NO_x. The ratio of the flow rate of demineralized water to No. 2 oil is approximately equal. Selective catalytic reduction (SCR) will be utilized to reduce NO_x emissions for the combined cycle configuration.

Fuel Storage

Natural gas will be the primary fuel for the Brandy Branch plant, with No. 2 oil as a backup fuel. Natural gas will be delivered to the site by a pipeline. JEA currently purchases natural gas transportation from Florida Gas Transmission Company (FGT) under FTS-1. FGT operates the 16-inch Jacksonville Lateral through the Brandy Branch area. No. 2 oil will be delivered by truck and stored in the No. 2 oil tank. It is estimated that sufficient distillate oil will be stored on-site for 48 hours of fired operation for each CT located at Brandy Branch.

Noise

Various sound reduction methods are being utilized for this project. The combustion turbine manufacturer has guaranteed noise limits of 85dBA for near field and 65 dBA for far field.

Certification Status

The installation of simple cycle combustion turbines is not regulated by the Power Plant Siting Act. Individual permits will be obtained for these projects in accordance with regulations.

6.2 Northside Units 1 and 2 Repowering

Site Description

The Northside Unit 1 and 2 repowering is under construction at the existing Northside Generating Station located at 4377 Hecksher Drive in Jacksonville, Florida, just south of the St. Johns River Power Park. The Northside Generating Station consists of three steam turbine and four combustion turbine units. The steam generator (boiler) for Northside Unit 2 was dismantled 1994/95. The Northside site consists of 754 total acres, of which 204 acres are currently in use. Figure 6-2 presents the Northside site plan.

Water Supply

JEA has committed to reduce the 1996 groundwater usage rate of 630,000 gallons per day (gpd) by at least 10 percent as part of the Northside Unit 1 and 2 repowering project. The water conservation measures implemented in the last five years at the Northside facility have reduced demands on the Floridan aquifer by nearly 50 percent from previous levels. To achieve the 10 percent reduction from the baseline 1996 usage levels, which has been established as one of JEA's community commitments, the repowered facility will implement reuse and recycling as well as other water conservation measures to meet the daily groundwater usage level of 570,000 gpd.

Land Use

The Northside Generating Station is an existing site located in an industrial area on the north side of Duval County. It is surrounded by heavy industrial (IH), light industrial (IL), and industrial business park (IBP) zonings to the west and north and is bordered by the St. Johns River Power Park on the north. The Blount Island industrial port is located to the south. The St. Johns River and several of its tributaries border the Northside Generating Station and ancillary facilities to the west, south and east.

Environmental Features

The circulating fluidized bed (CFB) units to be utilized for this project have inherently low emissions. A polishing scrubber will also be utilized to meet JEA's community commitment to reduce SO_x 10 percent from 1994/1995 baseline levels for the Northside steam units. The CFB units produce low nitrogen oxides (NO_x) due to relatively low combustion temperatures (approx. 1650°F). In addition, selective non-catalytic reduction (SNCR) will be used to further reduce NO_x emissions in order to fulfill JEA's community commitment to reduce NO_x emissions by 10 percent from 1994/1995 levels for the steam units at Northside. Particulates will be controlled by fabric filters.

Emissions

The permitted emission rates for these units were determined by a Best Available Control Technology requirements (BACT) analysis. In addition, JEA has a community commitment to reduce annual emissions of SO_x, NO_x, and particulate matter (PM) by 10 percent for the steam units at Northside from the historical 1994/95 baseline. The community commitment was voluntarily included as a permit specific condition.

Fuel Storage

Coal and petroleum coke fuels for the repowered facility will utilize on-site covered storage. BACT for control of fugitive particulate emissions will be utilized and additional

controls such as paving of existing dirt roads and planting of additional vegetation will be considered.

Noise

Because this is an existing site, noise levels are not expected to increase significantly due to the repowering project.

Certification Status

Since the Northside Units 1 and 2 repowering project will not increase output of the steam turbines, the project is not required to be licensed under the Power Plant Siting Act.

6.3 Other Environmental Considerations

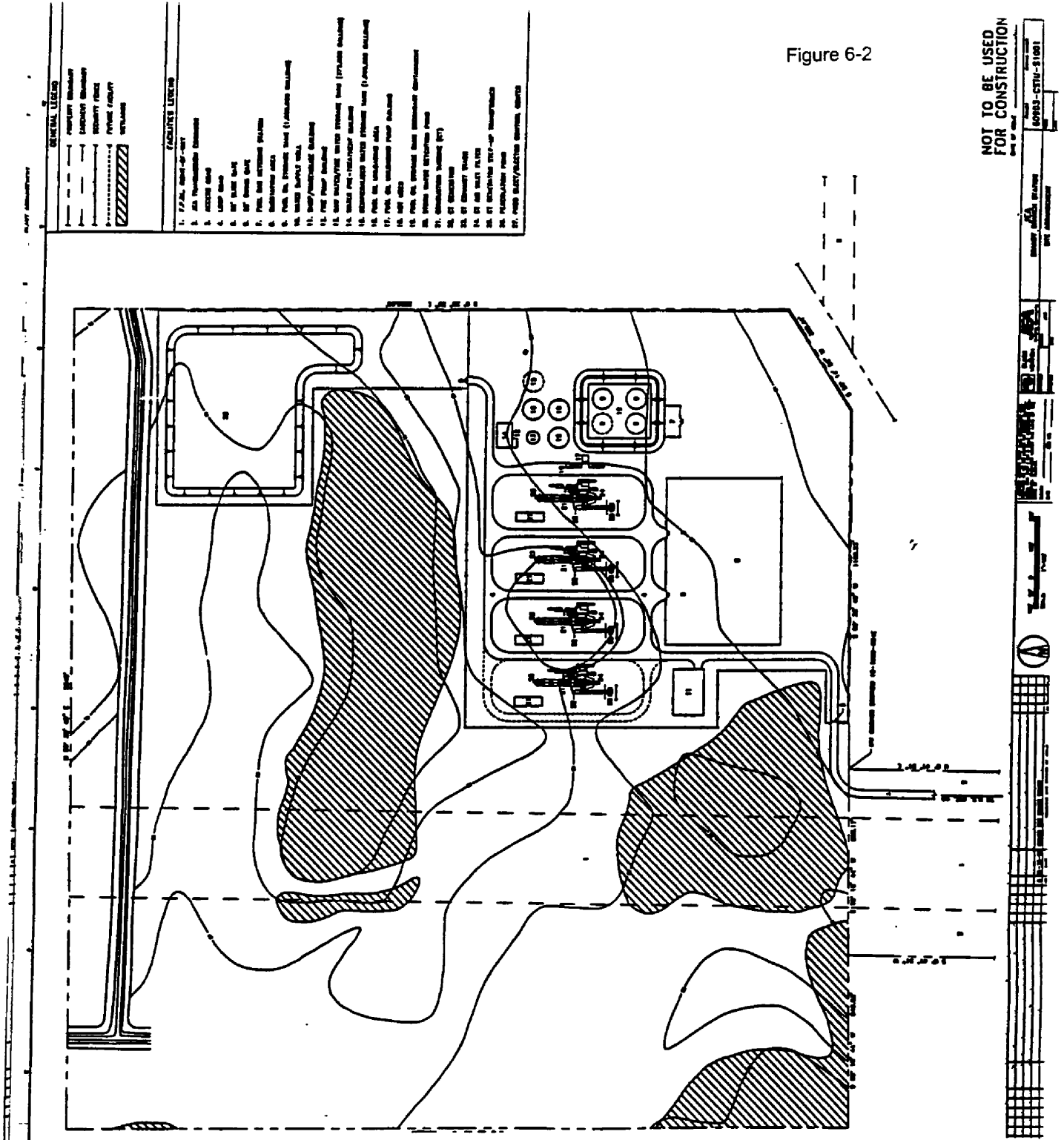
Environmental Programs

JEA participates in the American Public Power Association's (APPA) nationwide Tree Power program. Last year JEA exceeded its five-year goal of 305,000 trees planted by reaching 323,000 actual trees planted through the JEA Future Tree and Free Tree programs.

JEA also participates in the Department of Energy (DOE) voluntary CO₂ reporting program. Projects receiving CO₂ reduction credits annually include the above mentioned programs as well as gas conversion projects at all three existing stations, landfill-gas utilization projects, free residential and non-residential energy audits, free new home construction workshops, heat rate improvements, and power factor improvements.

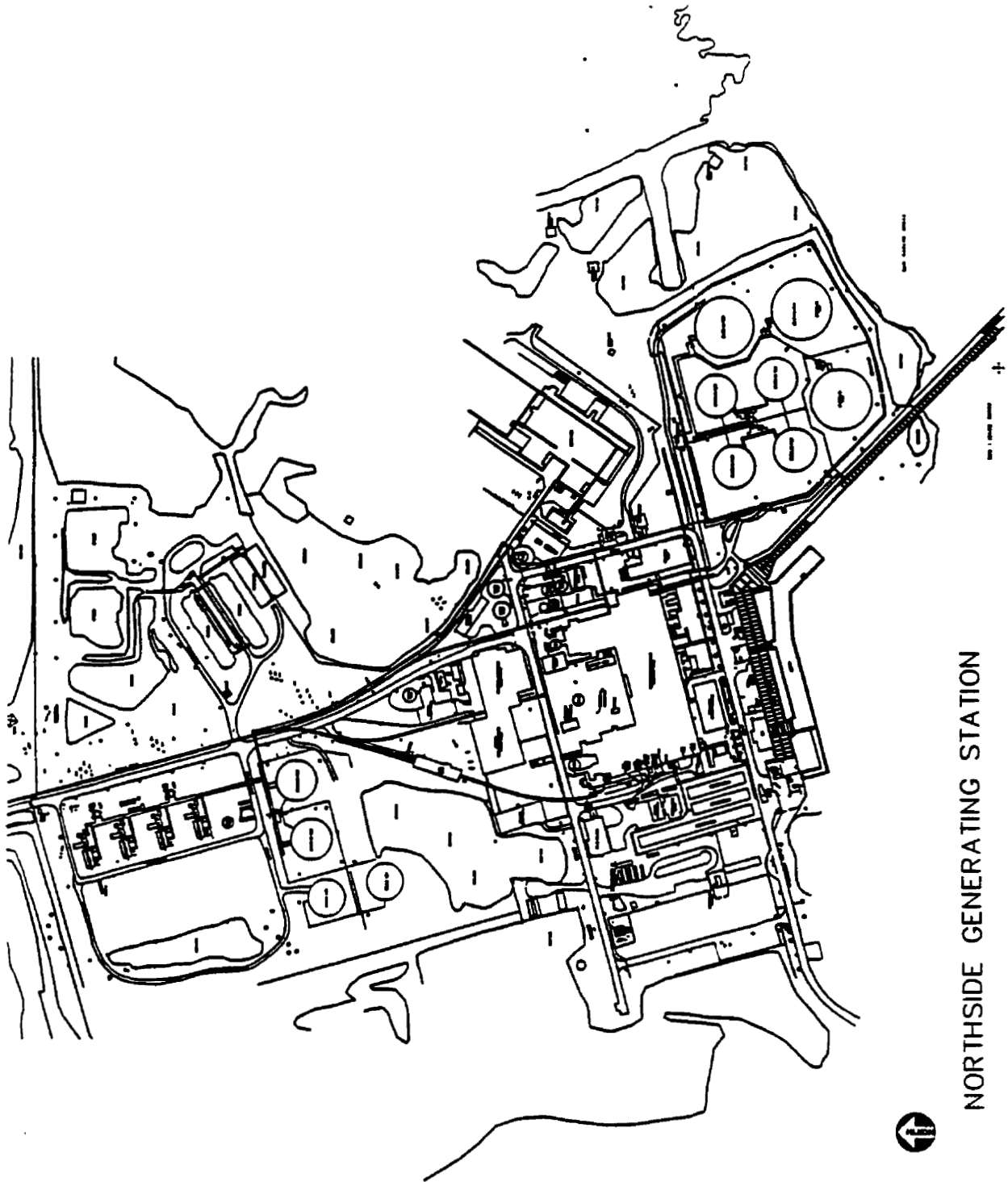
Figure 6-1
The Brandy Branch Site Plan

Figure 6-2



NOT TO BE USED
FOR CONSTRUCTION

Figure 6-2
Northside Site Plan



NORTHSIDE GENERATING STATION



7.0 Glossary

7.1 List of Abbreviations

Type of Generation Units

CC	Combined Cycle
CT	Combined Cycle – Combustion Turbine Portion
CW	Combined Cycle – Steam Turbine Portion, Waste Heat Boiler (only)
GT	Combustion Turbine
FC	Fluidized Bed Combustion
IC	Internal Combustion
ST	Steam Turbine, Boiler, Non-Nuclear

Status of Generation Units

FC	Existing generator planned for conversion to another fuel or energy source
M	Generating unit put in deactivated shutdown status
P	Planned, not under construction
RT	Existing generator scheduled to be retired
RP	Proposed for repowering or life extension
TS	Construction complete, not yet in commercial operation
U	Under construction, less than 50% complete
V	Under construction, more than 50% complete

Types of Fuel

BIT	Bituminous Coal
FO2	No. 2 Fuel Oil
FO6	No. 6 Fuel Oil
MTE	Methane
NG	Natural Gas
SUB	Sub-bituminous Coal
PC	Petroleum Coke

Fuel Transportation Methods

PL	Pipeline
RR	Railroad
TK	Truck
WA	Water

Appendix A

Load and Energy Forecast

Forecasting Methods, Assumptions, and Data Sources

Introduction

JEA's 2001 Ten Year Site Plan (TYSP) is based on the results of JEA's 2001 Energy Production and Peak Demand Forecast. JEA's Energy Production Forecast is presented in TYSP forms 2.1, 2.2, 3.3, and 4.0. JEA's Peak Demand forecast is presented in TYSP forms 3.1, 3.2, and 4.0. The following table summarizes the results of the forecast:

2001 Forecast Growth Rates

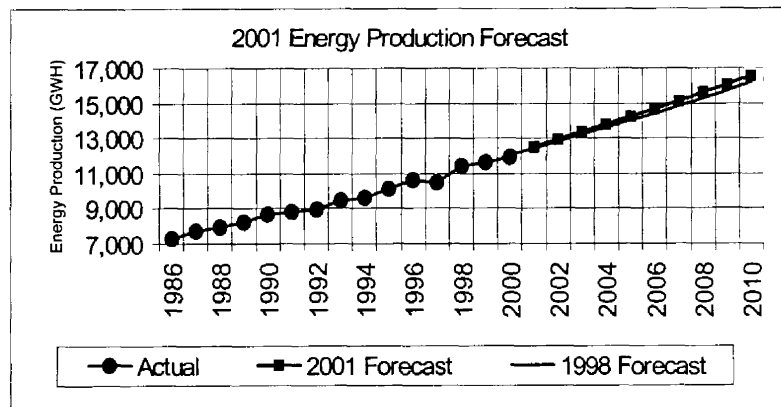
Years	Net Energy for Load		Winter Peak Demand		Summer Peak Demand	
	ΔGWH	CAGR	ΔMW	CAGR	ΔMW	CAGR
Last 15	342	3.8%	79	4.0%	67	3.6%
Last 10	331	3.3%	88	4.1%	70	3.4%
Last 5	373	3.4%	91	3.8%	69	3.1%
Next 5	455	3.6%	92	3.2%	86	3.3%
Next 10	460	3.3%	98	3.2%	91	3.2%
Next 15	478	3.2%	103	3.1%	96	3.1%
Next 20	501	3.1%	110	3.1%	101	3.0%

Forecast Assumptions and Methodology

Energy Production, Sales, and Number of Customers (Forms 2.1 and 2.2)

The energy forecast represents a trend analysis of JEA's historical energy production excluding production for off-system sales. This is commonly referred to as Net Energy for Load, or NEL. For the purpose of calculating NEL, JEA assumes a loss factor of 3% for off-system sales. Monthly NEL projections are proportional to the historical average share of annual NEL for each month.

The methodology for the trend analysis of historical energy production splits the difference between a constant growth of 410 GWH per year and a constant growth rate of 3.4% per year, starting with a base of 11,944 GWH in fiscal year 2000. The forecast for fiscal year 2001 was adjusted for first quarter actual data.

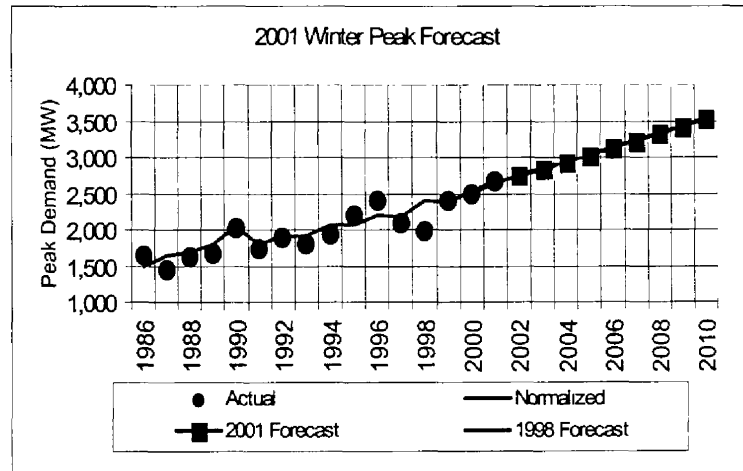


This methodology results in a forecast of energy production that grows at an increasing number of GWH per year but grows at a decreasing growth rate (percentage) each year.

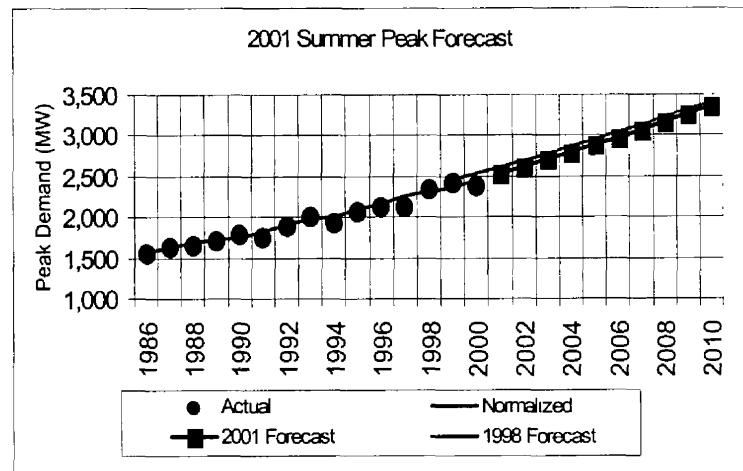
JEA uses an average loss rate of approximately 4% to convert its forecast of total energy production to total sales. Total sales represents the amount of electricity used by customers as measured at their meter. Sales are allocated to individual customer classes according to their historical share of the total. The number of customers is assumed to increase at a rate of 2% per year.

Winter and Summer Peak Demands and Non-Firm Load (Forms 5.0 and 6.0)

The winter and summer peak demand forecasts represents trend analyses of JEA's weather-normalized historical seasonal peak demands. The weather normalization methodology is presented in the next section. Monthly peak demand projections are proportional to the historical average share of seasonal peak demand for each month.



The methodology for the trend analysis of weather-normalized historical winter peak demands splits the difference between a constant growth of 91 MW per year and a constant growth rate of 3.4% per year, starting with a base of 2,655 MW in 2001. The summer methodology splits the difference between a constant growth of 84 MW per year and a constant growth rate of 3.4% per year, starting with a base of 2,450 MW in 2000. This methodology results in forecasts of peak demand that grow at an increasing number of MW per year but grow at a decreasing growth rate (percentage) each year.



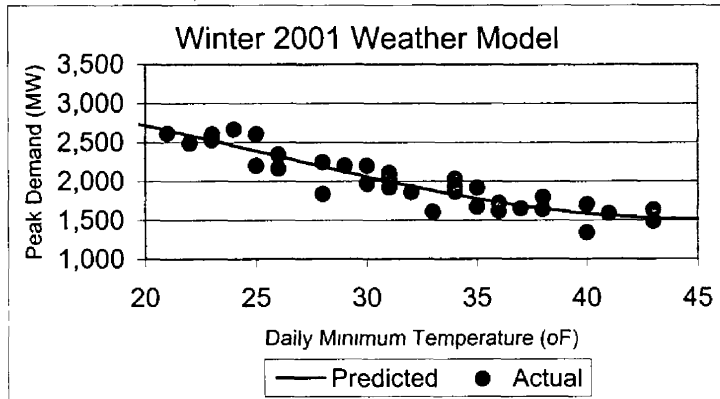
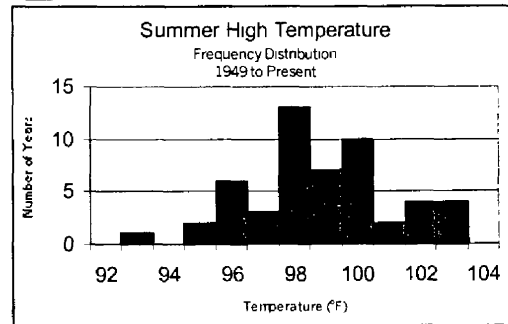
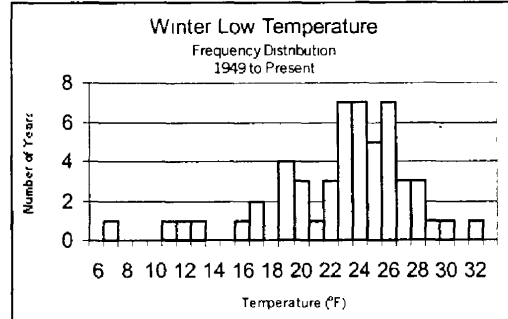
JEA adjusts historical peak demands to account for the amount of load that was not served to certain non-firm customers as a result of voluntary cutbacks by these customers during high load periods. The non-firm customers included in the analysis were those customers who elected the rate option that offers a lower rate during most hours of the year, but a higher rate during high load periods. JEA's analysis of their load patterns shows that although these customers voluntarily reduced their load in response to high price signals during the first 18 months of the program, they are no

longer doing so. Total non-firm load is assumed to grow at 3% per year over the forecast horizon.

Weather Normalization of Seasonal Peak Demands

JEA normalizes its winter peak demand to a daily low temperature of 23°F and its summer peak demand to a daily high temperature of 98°F. These are based on more than 50 years of historical weather data for Jacksonville.

The normalization procedure is a seasonal model that relates daily peak demand to daily minimum temperature in the winter and daily peak demand to daily maximum temperature in the summer. The difference between the model's value at the



temperature that actually occurred on the peak day and the model's value at typical temperature is the weather adjustment.

Forecast Accuracy

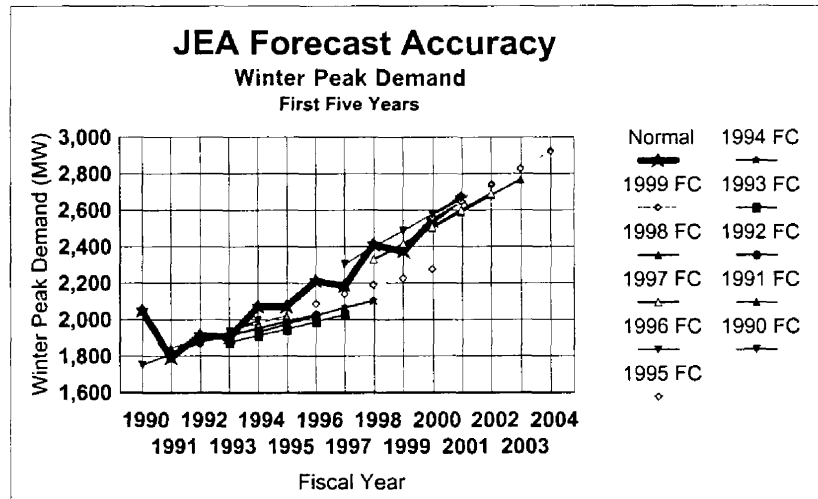
JEA tracks two indicators of forecast accuracy. The first shows forecast accuracy in the first year of the forecast and the other shows forecast accuracy in the first five years of the forecast. Both indicators compare forecasted NEL to historical NEL for the energy model and weather-normalized historical peak demand to forecasted peak demand for the peak demand models. The following chart demonstrates the first-year accuracy of last 10 JEA forecasts.

First-Year Forecast Accuracy

Forecast Year	Total NEL - First 12 Months			Winter Peak Demand			Forecast Year	Summer Peak Demand		
	Forecasted	Actual	Error	Forecasted	Normal	Error		Forecasted	Normal	Error
1990	8,592	8,649	-0.7%	1,753	2,052	-14.6%	1990	1,746	1,756	-0.6%
1991	9,034	8,789	2.8%	1,846	1,790	3.1%	1991	1,850	1,835	0.8%
1992	9,212	8,979	2.6%	1,876	1,916	-2.1%	1992	1,876	1,905	-1.5%
1993	8,989	9,452	-4.9%	1,880	1,905	-1.3%	1993	1,880	1,979	-5.0%
1994	9,515	9,619	-1.1%	1,930	2,073	-6.9%	1994	1,990	1,997	-0.4%
1995	9,961	10,540	-5.5%	2,087	2,211	-5.6%	1995	2,047	2,112	-3.1%
1996	10,492	10,433	0.6%	2,307	2,187	5.5%	1996	2,138	2,162	-1.1%
1997	10,954	10,731	2.1%	2,335	2,411	-3.2%	1997	2,226	2,253	-1.2%
1998	11,436	11,542	-0.9%	2,420	2,373	2.0%	1998	2,318	2,319	0.0%
1999	11,747	11,782	-0.3%	2,566	2,544	0.9%	1999	2,395	2,365	1.3%

As the chart indicates, first-year forecast accuracy has improved significantly since JEA began using the current trend analysis in 1996. In addition, the last two forecasts have been very accurate.

The five-year accuracy of the forecasts produced by the current trend analysis has also improved. The chart to the right illustrates this point. It compares the first five values from each of the last 10 forecasts with the weather-normalized winter peak demands since 1990. As the chart indicates, five-year forecast accuracy has improved significantly since



JEA began using the current trend analysis in 1996. Based on the results of both the one-year and five-year accuracy indicators, JEA is confident that the 2001 forecast that was developed using its trending method fully meets its capacity planning needs.

Data Sources

JEA obtains most of its data from internal sources. These sources include the Energy Management System for hourly load data, financial reports for monthly off-system sales and total energy generated and purchased, the MV-90 metering and translation system for hourly non-firm customer loads, and the billing system for customer class sales totals and number of customers. The National Oceanographic and Atmospheric Administration provides JEA's weather data.

Energy Production Forecast

JEA used the following data to produce its forecast of energy production.

Energy Data

Year	Q	kWh Generated & Purchased	Interchange		Production For Sales kWh	Year	Q	kWh Generated & Purchased	Interchange		Production For Sales kWh
			Sales kWh	Losses (3%)					Sales kWh	Losses (3%)	
1980	1	1,448,746,250	45,475,000	1,364,250	1,401,907,000	1985	1	1,621,098,898	1,573,000	47,190	1,619,478,708
1980	2	1,414,608,320	10,307,000	309,210	1,403,992,110	1985	2	1,724,547,544	8,837,000	265,110	1,715,445,434
1980	3	1,909,253,948	36,300,000	1,089,000	1,871,864,948	1985	3	2,020,770,702	53,778,000	1,613,340	1,965,379,362
1980	4	1,393,032,674	22,919,000	687,570	1,369,426,104	1985	4	1,710,076,471	15,950,000	478,500	1,693,647,971
1981	1	1,453,707,112	23,166,000	694,980	1,429,846,132	1986	1	1,618,535,709	2,977,000	89,310	1,615,469,399
1981	2	1,570,512,032	80,612,000	2,418,360	1,487,481,672	1986	2	1,780,697,254	5,697,000	170,910	1,774,829,344
1981	3	1,810,397,496	45,901,000	1,377,030	1,763,119,466	1986	3	2,245,444,468	11,464,000	343,920	2,233,636,548
1981	4	1,456,272,041	52,597,951	1,577,939	1,402,096,151	1986	4	1,725,351,649	12,958,000	388,740	1,712,004,909
1982	1	1,417,373,658	48,107,260	1,443,218	1,367,823,180	1987	1	1,768,906,087	28,573,000	857,190	1,739,475,897
1982	2	1,619,162,568	100,482,364	3,014,471	1,515,665,733	1987	2	1,952,907,347	65,366,000	1,960,980	1,885,580,367
1982	3	1,811,489,722	20,339,432	610,183	1,790,540,107	1987	3	2,416,812,010	45,135,000	1,354,050	2,370,322,960
1982	4	1,398,941,445	1,676,537	50,296	1,397,214,612	1987	4	1,763,532,241	34,168,000	1,025,040	1,728,339,201
1983	1	1,484,208,872	(475,670)	(14,270)	1,484,698,812	1988	1	1,934,258,068	3,821,000	114,630	1,930,322,438
1983	2	1,479,413,370	6,577,370	197,321	1,472,638,679	1988	2	1,930,664,259	44,058,000	1,321,740	1,885,284,519
1983	3	1,950,641,578	16,327,578	489,827	1,933,824,173	1988	3	2,610,031,553	212,972,000	6,389,160	2,390,670,393
1983	4	1,460,251,000	4,066,000	121,980	1,456,063,020	1988	4	1,897,425,651	46,941,000	1,408,230	1,849,076,421
1984	1	1,524,846,284	2,954,000	88,620	1,521,803,664	1989	1	1,949,557,756	126,045,000	3,781,350	1,819,731,406
1984	2	1,567,335,989	161,000	4,830	1,567,170,159	1989	2	2,228,557,771	143,254,000	4,297,620	2,081,006,151
1984	3	1,848,601,759	334,000	10,020	1,848,257,739	1989	3	2,548,387,124	82,697,000	2,480,910	2,463,209,214
1984	4	1,515,931,592	143,000	4,290	1,515,784,302	1989	4	2,136,076,250	44,204,000	1,326,120	2,090,546,130

Energy Data (continued)

Year	Q	kWh Generated & Purchased	Interchange		Production For Sales kWh	Year	Q	kWh Generated & Purchased	Interchange		Production For Sales kWh
			Sales kWh	Losses (3%)					Sales kWh	Losses (3%)	
1990	1	1,836,709,941	49,225,000	1,476,750	1,786,008,191	1996	1	2,552,210,682	52,569,000	1,577,070	2,498,064,612
1990	2	2,259,651,793	89,477,000	2,684,310	2,167,490,483	1996	2	2,665,523,990	74,777,000	2,243,310	2,588,503,680
1990	3	2,777,607,278	178,194,000	5,345,820	2,594,067,458	1996	3	3,112,452,020	62,494,800	1,874,844	3,048,082,376
1990	4	2,117,997,263	133,642,000	4,009,260	1,980,346,003	1996	4	2,396,929,382	24,900,000	747,000	2,371,282,382
1991	1	1,976,926,842	52,085,000	1,562,550	1,923,279,292	1997	1	2,407,180,492	26,016,000	780,480	2,380,384,012
1991	2	2,426,343,035	148,090,000	4,442,700	2,273,810,335	1997	2	2,599,082,445	32,359,000	970,770	2,565,752,675
1991	3	2,655,317,742	54,178,000	1,625,340	2,599,514,402	1997	3	3,279,181,420	109,961,000	3,298,830	3,165,921,590
1991	4	2,095,626,893	65,365,000	1,960,950	2,028,300,943	1997	4	2,610,435,516	62,044,000	1,861,320	2,546,530,196
1992	1	2,098,801,347	40,364,000	1,210,920	2,057,226,427	1998	1	2,468,195,018	21,967,000	659,010	2,445,569,008
1992	2	2,255,781,420	58,000,000	1,740,000	2,196,041,420	1998	2	3,156,280,268	113,968,000	3,419,040	3,038,893,228
1992	3	2,757,111,613	64,937,000	1,948,110	2,690,226,503	1998	3	3,564,901,641	200,482,000	6,014,460	3,358,405,381
1992	4	2,102,964,980	23,186,000	695,580	2,079,083,400	1998	4	2,691,420,432	74,432,000	2,232,960	2,614,755,472
1993	1	2,152,830,904	33,691,000	1,010,730	2,118,129,174	1999	1	2,694,951,187	120,740,000	3,622,200	2,570,588,987
1993	2	2,363,924,675	39,433,000	1,182,990	2,323,308,685	1999	2	3,130,988,587	193,178,000	5,795,340	2,932,015,247
1993	3	3,026,930,856	98,658,000	2,959,740	2,925,313,116	1999	3	3,696,885,085	143,924,000	4,317,720	3,548,643,365
1993	4	2,287,311,897	50,097,000	1,502,910	2,235,711,987	1999	4	2,729,120,394	12,032,000	360,960	2,716,727,434
1994	1	2,217,864,654	21,352,000	640,560	2,195,872,094	2000	1	2,715,191,386	18,401,000	552,030	2,696,238,356
1994	2	2,519,733,341	102,762,000	3,082,860	2,413,888,481	2000	2	3,096,331,467	78,883,000	2,366,490	3,015,081,977
1994	3	2,802,727,752	34,009,000	1,020,270	2,767,698,482	2000	3	3,585,141,801	67,194,000	2,015,820	3,515,931,981
1994	4	2,305,898,385	81,410,000	2,442,300	2,222,046,085	2000	4	2,975,041,240	11,722,000	351,660	2,962,967,580
1995	1	2,323,123,544	19,597,000	587,910	2,302,938,634						
1995	2	2,633,827,850	71,404,000	2,142,120	2,560,281,730						
1995	3	3,123,978,522	124,303,000	3,729,090	2,995,946,432						
1995	4	2,525,836,423	65,383,000	1,961,490	2,458,491,933						

Peak Demand Forecast

JEA used the following data to produce its forecast of seasonal peak demand.

Winter Peak Demand Data

DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT
11/16/79	8	830	35	3/4/80	7	1,110	24	2/26/81	9	709	47	2/23/82	7	863	35
11/30/79	8	950	28	3/5/80	9	778	42	3/13/81	7	763	39	2/24/82	8	785	43
12/4/79	9	963	34	11/7/80	8	783	41	3/17/81	8	792	32	3/2/82	8	913	38
12/5/79	9	898	34	12/1/80	8	845	36	3/18/81	8	731	48	3/3/82	8	824	39
12/18/79	8	976	33	12/4/80	8	834	43	3/20/81	9	797	37	3/8/82	7	922	34
12/19/79	8	955	32	12/5/80	8	737	45	3/24/81	8	825	40	3/9/82	8	916	36
12/20/79	9	922	34	12/8/80	8	798	42	3/25/81	8	777	42	3/10/82	8	766	46
12/27/79	10	813	34	12/12/80	8	877	36	3/26/81	8	776	41	3/11/82	9	778	47
12/28/79	10	839	38	12/15/80	9	837	38	3/27/81	9	691	45	3/26/82	11	690	45
1/2/80	9	955	34	12/17/80	8	901	39	11/16/81	8	786	42	12/14/82	8	985	35
1/3/80	8	988	30	12/18/80	9	949	31	11/18/81	8	809	37	12/20/82	10	925	33
1/7/80	8	998	29	12/19/80	9	931	33	11/19/81	8	798	39	12/21/82	9	915	33
1/8/80	8	848	44	12/29/80	10	954	45	11/23/81	8	923	32	12/22/82	9	984	28
1/14/80	9	922	46	12/30/80	9	868	40	11/24/81	8	822	38	12/23/82	9	879	35
1/15/80	8	839	42	12/31/80	9	865	40	11/25/81	9	815	33	1/7/83	10	931	33
1/16/80	8	819	42	1/2/81	10	1,051	32	11/26/81	10	712	38	1/13/83	8	1,159	26
1/17/80	8	785	48	1/6/81	9	1,076	30	12/4/81	8	859	39	1/14/83	9	1,150	26
1/21/80	8	822	38	1/8/81	9	1,062	26	12/7/81	8	886	34	1/17/83	8	1,150	25
1/24/80	8	952	31	1/9/81	9	1,043	30	12/8/81	8	870	41	1/20/83	10	887	44
1/25/80	9	848	41	1/13/81	8	1,260	13	12/11/81	8	1,135	23	1/24/83	8	997	34
1/29/80	8	869	37	1/14/81	8	1,174	28	12/16/81	8	940	35	1/25/83	8	1,009	35
1/30/80	8	817	39	1/15/81	8	894	41	12/17/81	8	1,040	30	1/26/83	8	1,058	32
2/4/80	7	1,085	25	1/16/81	10	928	35	12/21/81	9	1,109	22	1/28/83	9	938	39
2/6/80	8	942	33	1/19/81	8	1,068	25	12/22/81	9	864	40	1/31/83	9	807	45
2/7/80	7	1,019	31	1/23/81	8	990	39	1/5/82	9	923	36	2/1/83	8	797	46
2/8/80	8	1,012	31	1/26/81	8	939	30	1/6/82	8	935	36	2/4/83	8	1,049	31
2/11/80	8	918	35	1/27/81	9	899	37	1/12/82	8	1,291	17	2/8/83	8	1,075	27
2/12/80	8	941	35	1/29/81	8	957	30	1/13/82	7	931	41	2/9/83	8	1,107	28
2/14/80	7	805	45	1/30/81	8	1,006	28	1/15/82	8	1,189	27	2/10/83	8	919	37
2/15/80	8	782	47	2/4/81	8	1,089	23	1/18/82	8	1,004	30	2/14/83	10	1,038	37
2/19/80	8	824	43	2/5/81	8	1,051	27	1/19/82	8	868	43	2/15/83	8	1,017	34
2/20/80	8	815	41	2/6/81	11	972	33	1/25/82	8	976	32	2/17/83	8	807	47
2/27/80	8	1,018	29	2/9/81	9	867	31	1/27/82	8	1,167	30	2/18/83	8	891	40
2/28/80	8	848	38	2/10/81	7	777	39	1/28/82	8	1,037	34	2/24/83	8	796	43
3/3/80	8	1,143	23	2/25/81	9	810	35	1/29/82	8	886	40	2/25/83	9	742	46

Winter Peak Demand Data (Continued)

DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT
3/2/83	8	829	43	1/25/85	8	978	43	2/2/87	8	913	49	12/21/88	8	1,033	48
3/11/83	8	999	35	1/28/85	8	1,004	38	2/3/87	8	985	47	12/22/88	8	976	48
3/14/83	8	872	37	1/30/85	8	1,092	31	2/9/87	8	1,197	32	1/5/89	8	1,340	32
3/22/83	8	861	36	2/5/85	8	913	47	2/10/87	8	1,368	29	1/17/89	8	1,041	40
3/23/83	8	907	34	2/8/85	8	1,098	29	2/11/87	8	1,333	30	1/18/89	8	1,106	40
3/25/83	8	909	36	2/11/85	8	965	41	2/12/87	8	1,153	40	1/19/89	8	1,124	37
3/29/83	8	803	38	2/13/85	8	1,258	31	2/13/87	8	981	43	1/20/89	8	974	49
3/30/83	8	833	38	2/14/85	8	1,226	30	2/18/87	8	1,032	47	1/23/89	8	1,198	44
11/14/83	9	821	40	2/15/85	8	1,042	31	2/19/87	8	1,084	41	1/24/89	8	1,167	40
11/17/83	8	901	33	2/18/85	8	951	35	2/24/87	8	1,035	45	1/25/89	8	1,191	36
11/18/83	8	948	32	2/19/85	8	956	43	2/27/87	8	963	49	1/26/89	8	1,055	45
11/22/83	8	785	43	2/21/85	8	886	49	3/3/87	8	1,042	40	2/9/89	8	1,170	35
11/30/83	9	836	36	2/22/85	8	860	47	3/4/87	8	938	40	2/10/89	8	1,404	29
12/1/83	8	862	40	3/18/85	8	910	37	3/5/87	8	1,046	37	2/13/89	8	1,155	37
12/2/83	8	795	46	3/19/85	7	1,061	32	3/6/87	8	1,000	47	2/24/89	7	1,657	27
12/8/83	8	957	32	3/20/85	8	937	38	3/13/87	8	1,156	35	3/10/89	8	1,421	35
12/9/83	8	989	33	11/6/85	7	896	44	3/16/87	8	932	46	11/17/89	8	1,214	37
12/14/83	8	833	47	11/7/85	8	848	46	11/12/87	8	1,121	33	11/20/89	8	1,204	38
12/16/83	8	947	38	12/4/85	8	947	42	11/13/87	8	1,249	31	11/22/89	8	990	47
12/22/83	9	867	43	12/9/85	8	890	44	11/23/87	8	1,011	45	11/24/89	9	1,036	37
12/26/83	10	1,205	13	12/16/85	8	1,205	30	12/1/87	8	1,065	39	11/30/89	8	1,201	35
12/27/83	9	1,072	24	12/17/85	8	1,162	32	12/2/87	8	1,162	34	12/1/89	8	1,278	35
1/2/84	10	977	33	12/18/85	8	1,121	36	12/3/87	8	1,222	33	12/4/89	8	1,536	27
1/3/84	8	1,047	30	12/20/85	8	1,143	34	12/7/87	8	1,007	49	12/5/89	8	1,430	33
1/4/84	8	1,110	30	12/23/85	9	1,133	34	12/17/87	8	1,370	29	12/6/89	8	1,218	38
1/5/84	7	1,012	33	12/26/85	10	1,411	20	12/18/87	8	1,387	28	12/7/89	8	1,089	47
1/6/84	8	1,036	34	12/27/85	9	1,298	27	12/23/87	9	969	43	12/11/89	8	1,419	33
1/9/84	8	1,005	34	12/30/85	9	1,097	32	12/30/87	9	1,229	31	12/12/89	8	1,289	38
1/23/84	9	979	45	12/31/85	9	1,156	29	1/26/88	7	1,391	31	12/14/89	8	1,543	29
1/30/84	8	935	37	1/6/86	8	1,204	30	1/27/88	7	1,504	26	12/15/89	8	1,553	30
2/1/84	8	1,123	30	1/13/86	8	1,097	35	1/28/88	8	1,633	25	12/21/89	10	1,308	38
2/2/84	8	1,063	31	1/14/86	8	1,253	29	1/29/88	7	1,473	28	12/26/89	9	1,628	29
2/3/84	8	861	45	1/15/86	8	1,125	36	2/8/88	7	1,178	40	12/27/89	9	1,567	29
2/6/84	9	1,039	31	1/16/86	8	1,027	42	2/9/88	7	1,224	39	12/28/89	9	1,242	38
2/7/84	7	1,233	26	1/17/86	8	910	47	2/10/88	7	1,205	38	12/29/89	9	1,342	35
2/8/84	8	1,154	25	1/20/86	9	971	40	2/16/88	7	1,299	36	1/2/90	8	1,319	35
2/9/84	8	1,069	33	1/21/86	8	1,080	37	2/17/88	8	1,389	30	1/4/90	8	1,072	47
2/10/84	8	909	38	1/22/86	8	1,056	38	2/22/88	7	1,336	33	1/10/90	8	1,147	46
2/15/84	8	829	42	1/23/86	8	900	48	2/23/88	7	1,153	40	1/11/90	8	1,217	40
2/16/84	8	816	46	1/28/86	8	1,640	16	2/24/88	7	999	44	1/12/90	8	1,049	43
2/17/84	8	828	46	1/29/86	8	1,367	29	2/25/88	7	1,214	33	1/15/90	9	1,186	37
2/29/84	7	1,115	34	1/31/86	8	1,175	32	2/26/88	7	1,259	34	1/16/90	8	1,114	45
3/1/84	7	1,149	29	2/3/86	8	943	44	2/29/88	7	1,212	34	1/17/90	8	1,056	45
3/2/84	8	1,136	31	2/4/86	8	875	49	3/2/88	7	1,028	40	1/19/90	8	952	49
3/8/84	8	952	37	2/12/86	8	1,054	34	3/7/88	7	974	46	1/23/90	8	1,288	34
3/9/84	8	883	40	2/13/86	8	1,166	32	3/8/88	8	966	47	1/24/90	8	1,126	43
3/12/84	8	833	40	2/14/86	8	1,261	30	3/11/88	8	1,030	41	1/29/90	8	1,027	48
3/22/84	8	756	43	2/24/86	8	837	46	3/15/88	8	1,223	34	2/6/90	8	1,102	42
3/30/84	9	765	41	2/26/86	8	1,045	34	3/16/88	8	1,302	30	2/12/90	8	1,108	43
11/9/84	8	845	46	3/3/86	8	1,035	40	3/17/88	8	1,290	32	2/13/90	8	1,151	40
11/13/84	8	977	34	3/5/86	8	1,010	38	3/18/88	8	1,068	40	2/26/90	8	1,204	37
11/14/84	8	1,033	31	3/6/86	8	1,086	38	3/21/88	8	1,071	42	2/27/90	8	1,125	43
11/15/84	8	929	39	3/7/86	8	1,040	37	1/8/88	7	1,000	41	2/28/90	8	1,011	49
11/16/84	8	830	46	3/24/86	8	990	36	11/24/88	11	871	49	3/1/90	8	1,007	47
11/23/84	10	954	40	12/4/86	8	1,040	40	11/29/88	8	1,205	35	3/5/90	8	1,023	44
11/29/84	8	976	35	12/5/86	8	1,041	44	12/2/88	7	1,304	34	3/9/90	8	970	49
11/30/84	8	1,066	31	12/19/86	8	931	47	12/5/88	7	1,131	38	3/21/90	8	1,167	36
12/7/84	8	1,226	26	12/22/86	11	1,015	44	12/6/88	7	1,235	33	3/22/90	8	1,122	38
12/10/84	8	1,004	36	12/30/86	11	1,033	44	12/8/88	8	1,060	45	3/23/90	8	955	46
12/13/84	8	868	47	12/31/86	10	985	43	12/13/88	7	1,526	27	11/19/90	8	1,171	36
1/7/85	8	1,102	31	1/2/87	10	1,101	34	12/14/88	7	1,488	31	11/20/90	8	1,187	38
1/8/85	8	974	36	1/5/87	8	1,132	41	12/15/88	7	1,221	37	11/21/90	8	1,123	42
1/9/85	8	1,063	30	1/6/87	8	1,145	38	12/19/88	8	1,542	24	11/30/90	8	1,157	40
1/10/85	8	887	40	1/7/87	8	1,107	40	12/20/88	8	1,344	31	12/5/90	8	1,400	29
1/11/85	8	851	44	1/8/87	8	1,004	43	12/31/87	9	1,051	38	12/6/90	8	1,365	33
1/14/85	8	1,079	34	1/9/87	8	1,022	41	1/5/88	8	1,345	30	12/7/90	8	1,142	44
1/15/85	8	1,111	31	1/12/87	8	1,367	31	1/6/88	8	1,400	31	12/10/90	8	1,473	32
1/16/85	8	1,201	27	1/13/87	8	1,216	38	1/8/88	8	1,308	35	12/11/90	8	1,352	35
1/17/85	8	880	42	1/14/87	8	1,197	34	1/11/88	8	1,324	33	12/12/90	8	1,302	41
1/21/85	8	1,586	7	1/23/87	8	1,371	29	1/12/88	8	1,482	29	12/13/90	8	1,197	42
1/22/85	8	1,558	16	1/27/87	8	1,439	29	1/13/88	8	1,264	37	12/14/90	8	1,093	47
1/23/85	8	1,346	26	1/28/87	8	1,430	29	1/15/88	8	1,373	32	12/26/90	10	1,065	43
1/24/85	8	1,286	25	1/29/87	8	1,260	32	1/22/88	8	1,154	39	1/10/91	8	1,141	48

Winter Peak Demand Data (Continued)

DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT
1/14/91	8	1,482	31	12/15/92	8	1,261	45	3/18/94	8	1,249	41	1/26/96	8	1,432	38
1/15/91	8	1,157	44	1/15/93	8	1,214	45	11/24/94	10	1,175	37	1/29/96	8	1,455	42
1/17/91	8	1,163	41	1/18/93	9	1,247	42	11/25/94	9	1,002	45	1/30/96	8	1,327	46
1/18/91	8	1,329	36	1/19/93	8	1,265	44	12/14/94	8	1,327	47	2/5/96	8	2,401	19
1/21/91	9	1,172	43	1/27/93	8	1,626	37	12/19/94	9	1,444	38	2/6/96	8	2,153	25
1/22/91	8	1,403	32	1/28/93	8	1,672	32	12/20/94	8	1,353	41	2/7/96	8	2,025	27
1/23/91	8	1,530	31	1/29/93	8	1,349	40	12/27/94	9	1,290	43	2/8/96	8	1,675	35
2/1/91	8	1,175	45	2/1/93	8	1,361	45	12/28/94	9	1,332	41	2/13/96	8	1,773	29
2/11/91	8	1,182	42	2/3/93	8	1,556	32	12/29/94	9	1,333	41	2/14/96	8	1,668	36
2/12/91	8	1,261	37	2/4/93	8	1,324	42	1/5/95	8	1,709	34	2/19/96	8	1,491	37
2/18/91	8	1,145	43	2/9/93	8	1,333	41	1/6/95	8	1,576	37	3/4/96	8	1,428	38
2/27/91	8	1,250	36	2/15/93	8	1,317	38	1/9/95	8	1,696	35	3/5/96	8	1,242	45
2/28/91	8	1,110	46	2/18/93	8	1,406	37	1/10/95	8	1,413	43	3/11/96	8	1,816	37
3/5/91	8	1,284	40	2/19/93	8	1,768	26	1/11/95	8	1,383	43	3/12/96	8	1,697	34
3/11/91	8	1,344	35	2/23/93	8	1,399	40	1/12/95	8	1,282	47	3/13/96	8	1,739	32
3/12/91	8	1,264	39	2/24/93	8	1,466	36	1/17/95	8	1,455	42	3/14/96	8	1,515	38
3/20/91	8	1,058	43	2/25/93	8	1,379	38	1/18/95	8	1,431	42	3/15/96	8	1,298	43
11/5/91	8	1,279	39	2/26/93	8	1,099	46	1/20/95	8	1,438	39	3/20/96	8	1,445	40
11/6/91	8	1,134	46	3/1/93	8	1,475	36	1/23/95	8	1,438	38	3/21/96	8	1,669	37
11/7/91	8	1,068	43	3/2/93	8	1,388	38	1/24/95	8	1,755	33	3/22/96	8	1,552	35
11/8/91	8	1,218	39	3/5/93	8	1,190	46	1/25/95	8	1,814	29	11/8/96	11	1,278	47
11/11/91	8	1,261	39	3/8/93	8	1,178	47	1/26/95	8	1,635	35	11/11/96	9	1,354	37
11/12/91	8	1,355	36	3/12/93	8	1,040	48	1/27/95	8	1,544	37	11/12/96	8	1,522	36
11/13/91	8	1,276	38	3/15/93	8	1,791	27	1/31/95	8	1,761	31	11/13/96	8	1,319	44
11/14/91	8	1,206	40	3/16/93	8	1,382	38	2/1/95	8	1,755	30	11/14/96	8	1,258	47
11/25/91	8	1,438	30	11/1/93	8	1,537	33	2/2/95	8	1,511	40	11/27/96	8	1,407	40
11/26/91	8	1,525	29	11/2/93	7	1,425	35	2/6/95	8	1,784	30	11/28/96	10	1,209	41
11/27/91	8	1,226	43	11/8/93	8	1,237	45	2/7/95	8	1,727	32	12/3/96	8	1,377	37
11/28/91	11	934	43	11/11/93	8	1,234	42	2/9/95	8	2,190	20	12/4/96	8	1,381	38
12/5/91	8	1,497	30	11/12/93	8	1,157	48	2/10/95	8	1,614	39	12/9/96	8	1,484	34
12/6/91	8	1,292	40	11/29/93	8	1,363	38	2/13/95	8	1,379	45	12/10/96	8	1,686	30
12/16/91	8	1,439	31	11/30/93	8	1,453	36	2/14/95	8	1,329	46	12/11/96	8	1,429	39
12/17/91	8	1,563	29	12/6/93	8	1,217	44	2/21/95	8	1,367	39	12/12/96	8	1,274	48
12/18/91	8	1,462	33	12/7/93	8	1,292	40	2/22/95	8	1,544	34	12/16/96	8	1,427	37
12/20/91	9	1,262	40	12/8/93	8	1,270	39	2/23/95	8	1,585	34	12/20/96	9	2,084	25
12/23/91	9	1,117	44	12/9/93	8	1,362	41	2/24/95	8	1,240	49	12/23/96	8	1,388	41
12/31/91	8	1,223	40	12/10/93	8	1,166	48	3/3/95	8	1,332	44	1/10/97	8	1,524	37
1/6/92	8	1,165	46	12/13/93	8	1,611	31	3/9/95	8	1,333	40	1/13/97	8	1,722	34
1/7/92	8	1,369	34	12/14/93	8	1,206	43	3/10/95	8	1,438	35	1/14/97	8	1,528	42
1/8/92	8	1,327	37	12/16/93	8	1,461	40	11/9/95	8	1,347	36	1/15/97	8	1,406	42
1/15/92	8	1,513	33	12/17/93	8	1,467	37	11/10/95	8	1,192	44	1/17/97	8	1,928	28
1/16/92	8	1,589	28	12/20/93	8	1,391	39	11/13/95	8	1,421	39	1/20/97	8	1,779	30
1/17/92	8	1,883	24	12/22/93	10	1,456	35	11/15/95	8	1,584	33	1/21/97	8	1,784	33
1/20/92	9	1,560	33	12/23/93	11	1,497	38	11/16/95	8	1,620	33	1/22/97	8	1,431	43
1/21/92	8	1,710	29	12/27/93	9	1,685	31	11/17/95	8	1,301	43	1/23/97	8	1,314	46
1/22/92	8	1,560	32	12/28/93	8	1,447	37	11/20/95	8	1,240	45	1/27/97	8	1,408	43
1/24/92	8	1,219	36	12/29/93	9	1,239	44	11/22/95	8	1,429	36	1/31/97	8	1,512	42
1/27/92	8	1,223	32	12/31/93	9	1,530	33	11/23/95	9	1,369	33	2/3/97	8	1,274	49
2/3/92	8	1,407	38	1/5/94	8	1,678	32	11/24/95	9	1,096	43	2/7/97	8	1,242	49
2/4/92	8	1,423	36	1/6/94	8	1,799	30	11/27/95	8	1,356	42	2/11/97	8	1,439	38
2/7/92	8	1,358	43	1/7/94	8	1,376	42	12/1/95	8	1,348	43	2/12/97	8	1,716	33
2/11/92	8	1,273	48	1/10/94	8	1,479	37	12/8/95	8	1,208	49	2/13/97	8	1,319	48
2/12/92	8	1,268	42	1/11/94	8	1,343	48	12/11/95	8	1,984	27	2/17/97	8	1,479	37
2/13/92	8	1,113	48	1/14/94	8	1,458	43	12/12/95	8	1,912	30	2/18/97	8	1,318	44
2/14/92	8	1,159	47	1/17/94	9	1,359	41	12/13/95	8	1,541	36	2/19/97	8	1,291	45
2/21/92	8	1,179	45	1/19/94	8	1,911	26	12/21/95	8	1,763	31	3/7/97	8	1,279	38
2/28/92	8	1,248	42	1/20/94	8	1,805	33	12/22/95	9	1,627	38	11/5/97	8	1,314	44
3/2/92	8	1,077	46	1/21/94	8	1,788	30	12/26/95	9	1,724	30	11/10/97	8	1,363	44
3/12/92	8	1,288	41	1/24/94	8	1,496	40	12/27/95	9	1,859	28	11/17/97	8	1,726	32
3/13/92	8	1,194	46	1/25/94	8	1,391	40	12/28/95	10	1,777	33	11/18/97	7	1,506	40
3/17/92	8	1,441	31	1/26/94	8	1,237	47	12/29/95	9	1,675	34	11/20/97	8	1,415	42
3/24/92	8	1,084	45	2/1/94	8	1,547	36	1/4/96	8	1,811	32	11/25/97	8	1,454	42
3/26/92	8	1,043	49	2/2/94	8	1,570	31	1/5/96	8	1,803	32	11/26/97	8	1,358	43
3/27/92	8	1,030	47	2/3/94	8	1,942	26	1/8/96	8	2,278	27	11/27/97	11	1,136	47
11/17/92	8	1,251	40	2/4/94	8	1,678	32	1/9/96	8	2,276	23	12/2/97	8	1,333	46
11/30/92	8	1,520	33	2/8/94	8	1,144	48	1/10/96	8	1,733	36	12/8/97	8	1,840	32
12/2/92	8	1,442	34	2/15/94	8	1,360	39	1/11/96	8	1,944	30	12/16/97	8	1,791	42
12/3/92	8	1,444	35	2/25/94	8	1,304	39	1/15/96	9	1,480	38	12/17/97	8	1,672	39
12/4/92	8	1,451	36	3/3/94	8	1,324	46	1/16/96	8	1,414	41	12/18/97	8	1,694	39
12/7/92	8	1,180	47	3/4/94	8	1,418	39	1/22/96	8	1,617	33	12/19/97	8	1,629	38
12/9/92	8	1,426	36	3/11/94	8	1,400	37	1/23/96	8	1,370	46	12/30/97	9	1,748	36
12/11/92	8	1,306	44	3/15/94	8	1,133	46	1/24/96	8	1,201	48	12/31/97	8	1,556	36
12/14/92	8	1,428	38	3/17/94	8	1,269	33	1/25/96	8	1,650	36	1/2/98	8	1,617	35

Winter Peak Demand Data (Continued)

DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT	DATE	Hr	MW	MinT
1/12/98	8	1,596	39	1/6/99	8	2,420	22	12/15/99	8	1,581	37	11/22/00	8	2,201	25
1/20/98	8	1,689	34	1/7/99	8	2,184	27	12/17/99	8	1,709	37	11/23/00	9	1,837	28
1/21/98	8	1,445	42	1/8/99	8	1,653	38	12/27/99	9	1,731	33	11/24/00	8	1,344	40
1/26/98	8	1,609	40	1/11/99	8	2,047	29	12/28/99	9	1,624	34	11/27/00	8	1,587	41
1/28/98	8	1,541	44	1/12/99	8	1,916	32	12/29/99	8	1,714	35	11/28/00	8	1,721	36
1/29/98	8	1,617	38	1/13/99	8	1,576	41	12/30/99	8	1,818	32	11/30/00	8	1,651	37
1/30/98	8	1,524	41	1/20/99	8	1,408	43	12/31/99	9	1,388	42	12/1/00	8	1,866	34
2/5/98	8	1,733	40	1/25/99	8	1,466	41	1/6/00	8	1,443	40	12/4/00	8	2,033	34
2/6/98	8	1,741	37	1/26/99	8	1,504	43	1/12/00	8	1,492	41	12/5/00	8	2,108	31
2/9/98	8	1,588	40	2/5/99	8	1,325	46	1/13/00	8	1,499	43	12/6/00	8	2,247	28
2/10/98	8	1,685	36	2/15/99	8	1,818	29	1/18/00	8	1,376	47	12/7/00	8	2,024	31
2/11/98	8	1,425	45	2/16/99	8	1,588	39	1/21/00	8	1,935	30	12/8/00	8	1,796	38
2/12/98	8	1,287	46	2/22/99	8	1,921	31	1/25/00	8	2,151	32	12/18/00	8	2,164	26
2/13/98	8	1,479	40	2/23/99	8	2,048	30	1/26/00	8	2,328	26	12/20/00	9	2,614	21
2/19/98	8	1,297	46	2/24/99	8	1,607	39	1/27/00	8	2,483	24	12/21/00	9	2,527	23
2/24/98	8	1,494	47	2/25/99	8	1,791	33	1/28/00	8	2,037	30	12/22/00	9	1,920	31
2/25/98	8	1,403	44	2/26/99	8	1,425	47	1/31/00	8	1,837	36	12/26/00	9	1,672	35
2/26/98	8	1,352	47	3/1/99	8	1,472	42	2/1/00	8	2,141	31	12/27/00	9	1,638	38
3/3/98	8	1,505	39	3/2/99	8	1,413	40	2/2/00	8	1,806	35	12/29/00	10	1,917	35
3/4/98	8	1,726	34	3/4/99	8	1,667	35	2/3/00	8	1,950	32	1/2/01	8	2,486	22
3/5/98	8	1,511	41	3/5/99	8	1,794	32	2/4/00	8	1,865	36	1/3/01	8	2,666	24
3/10/98	8	1,554	39	3/9/99	7	1,382	44	2/7/00	8	2,083	31	1/4/01	8	2,602	23
3/11/98	8	1,820	32	3/11/99	8	1,471	41	2/8/00	8	1,706	38	1/5/01	8	2,604	25
3/12/98	8	1,868	33	3/12/99	8	1,333	42	2/9/00	8	1,590	43	1/8/01	8	1,634	43
3/13/98	7	1,938	32	3/16/99	7	1,823	33	2/10/00	8	1,798	34	1/10/01	8	2,582	23
3/16/98	8	1,311	45	3/17/99	8	1,457	41	2/11/00	8	1,596	43	1/11/01	7	2,200	30
3/23/98	8	1,424	41	3/23/99	8	1,401	39	2/16/00	8	1,564	39	1/12/01	8	1,514	47
3/24/98	8	1,392	43	11/4/99	8	1,677	34	2/21/00	9	1,523	35	1/15/01	9	1,488	43
3/25/98	8	1,229	46	11/5/99	7	1,364	48	2/22/00	8	1,535	39	1/16/01	8	1,488	47
11/6/98	8	1,301	45	11/16/99	8	1,409	41	2/23/00	8	1,483	42	1/22/01	8	2,056	31
12/16/98	8	1,743	36	11/17/99	8	1,481	40	2/25/00	8	1,327	48	1/23/01	7	1,933	34
12/17/98	8	1,684	36	11/18/99	8	1,386	46	2/29/00	8	1,364	45	1/24/01	8	2,202	29
12/18/98	8	1,757	29	11/29/99	8	1,445	43	3/13/00	8	1,461	35	1/25/01	8	1,969	30
12/28/98	10	1,335	49	12/2/99	8	2,091	26	3/14/00	8	1,350	43	1/26/01	8	2,345	26
12/31/98	8	1,829	30	12/3/99	7	1,798	33	11/15/00	8	1,610	33	1/29/01	8	1,703	40
1/4/99	8	1,985	30	12/7/99	8	1,641	35	11/16/00	8	1,618	36				
1/5/99	8	2,230	23	12/8/99	7	1,491	42	11/21/00	8	1,860	32				

Summer Peak Demand Data

Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm
6/2/80	18	907	88	837	897	8/21/80	17	1,261	97	1,152	1,261	7/9/81	18	1,134	95	1,083	1,121
6/3/80	17	993	92	883	993	8/25/80	17	991	88	951	991	7/10/81	18	1,153	96	1,105	1,137
6/4/80	18	1,121	96	1,012	1,050	8/27/80	19	1,059	88	1,023	1,054	7/13/81	16	1,218	101	1,180	1,210
6/9/80	17	893	84	829	893	8/28/80	17	1,120	90	1,021	1,120	7/14/81	19	1,285	102	1,240	1,281
6/11/80	16	1,013	91	895	933	8/29/80	18	1,068	90	1,025	1,063	7/15/81	18	1,306	102	1,247	1,275
6/13/80	17	901	85	842	901	9/1/80	21	930	91	881	898	7/23/81	17	1,150	95	1,120	1,150
6/16/80	19	1,129	94	986	1,089	9/2/80	16	1,085	92	1,030	1,073	7/24/81	18	1,149	95	1,105	1,140
6/17/80	18	1,147	95	1,078	1,112	9/5/80	17	1,119	90	1,098	1,119	7/27/81	17	1,217	95	1,167	1,217
6/18/80	18	1,115	95	1,073	1,093	9/9/80	18	1,133	90	1,059	1,078	7/28/81	17	1,173	96	1,153	1,173
6/24/80	17	1,052	91	944	1,052	9/10/80	19	1,101	90	1,009	1,031	7/29/81	17	1,236	95	1,205	1,236
6/25/80	18	854	89	799	838	9/11/80	18	1,085	89	1,058	1,081	7/31/81	18	1,102	89	1,052	1,095
6/27/80	18	978	91	942	963	9/12/80	17	1,055	89	912	1,055	8/3/81	18	1,115	92	1,055	1,107
6/30/80	17	1,104	93	1,065	1,104	9/15/80	19	1,198	96	1,040	1,141	8/4/81	19	1,027	90	988	1,019
7/1/80	19	1,186	93	1,044	1,107	9/16/80	17	1,165	95	1,112	1,165	8/5/81	18	1,144	94	1,099	1,129
7/4/80	18	1,044	94	892	947	9/18/80	16	1,101	90	989	1,013	8/6/81	18	1,228	95	1,142	1,205
7/7/80	18	1,163	94	1,038	1,151	9/19/80	16	1,133	92	1,044	1,087	8/10/81	18	1,198	94	1,152	1,195
7/9/80	17	1,208	95	1,162	1,208	9/22/80	18	1,188	91	1,140	1,164	8/11/81	17	1,120	92	1,100	1,120
7/10/80	17	1,277	99	1,189	1,277	9/23/80	18	1,203	92	1,055	1,114	8/14/81	17	1,081	89	1,061	1,081
7/11/80	18	1,260	100	1,230	1,250	9/24/80	17	1,162	91	1,091	1,162	8/17/81	18	1,169	92	1,130	1,163
7/16/80	17	1,200	92	1,175	1,200	9/25/80	17	1,131	92	1,059	1,131	8/19/81	17	1,031	87	884	1,031
7/17/80	17	1,142	92	1,100	1,142	9/26/80	19	1,145	93	1,086	1,133	8/21/81	17	876	82	846	876
7/21/80	18	1,243	91	1,116	1,170	9/29/80	16	996	88	975	992	8/24/81	18	941	83	851	930
7/22/80	18	1,131	91	1,043	1,091	9/30/80	17	1,083	90	979	1,083	8/25/81	17	1,020	87	969	1,020
7/23/80	17	1,171	94	1,077	1,171	6/1/81	17	1,078	96	1,029	1,078	8/26/81	18	1,004	87	953	999
7/28/80	17	1,213	95	1,115	1,213	6/2/81	17	1,092	92	1,058	1,092	8/31/81	19	973	85	942	970
7/30/80	17	1,167	95	1,100	1,167	6/9/81	19	1,181	98	1,128	1,155	9/1/81	18	1,077	89	1,027	1,070
7/31/80	18	1,243	96	1,135	1,156	6/10/81	17	1,114	94	1,077	1,114	9/2/81	17	1,079	89	1,043	1,079
8/1/80	18	1,226	97	1,138	1,195	6/16/81	19	1,259	102	1,220	1,244	9/3/81	18	1,089	89	1,003	1,077
8/4/80	18	1,242	96	1,153	1,221	6/17/81	17	1,263	99	1,167	1,263	9/4/81	18	970	88	942	969
8/5/80	18	1,273	94	1,182	1,202	6/18/81	17	1,256	99	1,183	1,256	9/7/81	21	828	87	725	759
8/6/80	16	1,224	92	1,171	1,194	6/19/81	17	1,201	95	1,114	1,201	9/8/81	21	989	93	909	929
8/7/80	18	1,195	92	1,143	1,189	6/22/81	18	1,213	97	1,082	1,171	9/9/81	21	1,073	92	977	1,067
8/8/80	17	1,232	93	1,141	1,232	6/24/81	17	1,235	95	1,155	1,235	9/11/81	16	1,027	89	992	1,027
8/11/80	18	1,215	94	1,113	1,149	6/29/81	18	988	89	912	962	9/14/81	18	1,066	93	996	1,046
8/12/80	18	1,200	94	1,126	1,163	6/30/81	18	1,013	90	932	1,007	9/15/81	17	1,144	93	1,048	1,144
8/14/80	21	952	89	903	935	7/1/81	18	840	84	810	830	9/16/81	19	934	86	832	909
8/15/80	19	1,152	94	1,122	1,140	7/2/81	18	978	90	918	970	9/18/81	17	762	82	735	762
8/19/80	18	1,183	92	1,142	1,165	7/3/81	18	990	94	918	977	9/22/81	19	774	87	589	624
8/20/80	17	1,292	99	1,220	1,292	7/7/81	19	1,225	100	1,157	1,208	9/23/81	18	969	92		

Summer Peak Demand Data (Continued)

Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm
9/25/81	17	805	84	790	805	7/20/83	18	1,350	96	1,291	1,317	9/17/84	13	842	72	809	839
9/28/81	17	933	90	908	933	7/21/83	19	1,375	95	1,259	1,300	9/18/84	17	815	76	797	815
9/29/81	18	960	89	910	945	7/22/83	18	1,334	98	1,294	1,331	9/20/84	18	925	81	875	904
9/30/81	17	960	89	926	960	7/29/83	17	1,174	88	1,155	1,174	9/21/84	17	958	84	923	958
6/1/82	18	924	88	869	889	8/1/83	18	1,273	90	1,184	1,241	9/24/84	17	1,017	84	991	1,017
6/2/82	17	1,087	91	1,035	1,087	8/3/83	17	1,219	90	1,177	1,219	9/25/84	17	1,038	84	969	1,038
6/7/82	18	1,134	91	1,044	1,100	8/4/83	14	1,147	88	1,044	1,061	9/26/84	18	1,074	85	1,011	1,057
6/8/82	18	1,190	95	1,078	1,128	8/5/83	18	1,195	89	1,164	1,193	6/3/85	19	1,455	100	1,416	1,452
6/9/82	19	1,228	99	1,160	1,177	8/9/83	17	1,278	94	1,232	1,278	6/4/85	17	1,479	100	1,402	1,479
6/10/82	17	1,237	97	1,209	1,237	8/10/83	18	1,291	93	1,246	1,278	6/6/85	17	1,442	99	1,330	1,442
6/14/82	18	1,111	93	1,047	1,087	8/15/83	18	1,100	87	1,050	1,094	6/7/85	17	1,395	99	1,336	1,395
6/15/82	17	1,186	94	1,103	1,186	8/16/83	17	1,125	87	1,090	1,125	6/11/85	17	1,375	96	1,331	1,375
6/16/82	17	1,192	95	1,159	1,192	8/17/83	17	1,198	89	1,114	1,198	6/17/85	18	1,204	90	1,083	1,178
6/18/82	19	837	83	809	829	8/18/83	17	1,227	91	1,187	1,227	6/18/85	18	1,357	91	1,255	1,335
6/21/82	18	1,225	95	1,113	1,171	8/19/83	18	1,300	94	1,195	1,263	6/19/85	17	1,323	93	1,267	1,323
6/29/82	18	1,189	96	1,095	1,182	8/23/83	17	1,361	95	1,284	1,361	6/21/85	17	1,090	84	1,048	1,090
7/1/82	18	1,217	97	1,156	1,209	8/24/83	18	1,343	94	1,286	1,342	6/24/85	18	1,214	89	1,149	1,209
7/2/82	16	1,183	91	1,139	1,165	8/25/83	17	1,257	90	1,233	1,257	6/26/85	18	1,228	90	1,161	1,210
7/5/82	18	1,130	97	1,019	1,061	8/26/83	17	1,255	91	1,219	1,255	7/1/85	18	1,092	87	1,035	1,085
7/6/82	18	1,114	90	1,077	1,095	8/31/83	18	1,292	93	1,237	1,280	7/2/85	17	1,177	91	1,158	1,177
7/9/82	17	1,124	92	1,069	1,124	9/5/83	18	1,166	93	1,089	1,157	7/3/85	17	1,213	89	1,194	1,213
7/12/82	17	1,136	93	1,102	1,136	9/6/83	17	1,340	93	1,257	1,340	7/4/85	18	1,080	92	970	1,048
7/13/82	17	1,191	93	1,105	1,191	9/7/83	18	1,323	93	1,213	1,290	7/8/85	18	1,299	91	1,236	1,290
7/14/82	18	1,160	92	1,117	1,137	9/9/83	17	1,271	92	1,226	1,271	7/9/85	18	1,343	93	1,265	1,333
7/15/82	17	1,180	91	1,163	1,180	9/14/83	18	1,003	83	933	992	7/10/85	18	1,394	95	1,321	1,348
7/16/82	17	1,029	88	989	1,029	9/15/83	18	976	82	907	953	7/16/85	18	1,241	89	1,167	1,220
7/20/82	13	969	89	890	908	9/22/83	18	819	77	758	794	7/18/85	17	1,198	88	1,138	1,198
7/21/82	18	1,166	92	1,079	1,121	6/1/84	17	774	80	749	774	7/19/85	16	1,182	89	1,150	1,176
7/28/82	18	1,212	91	1,090	1,157	6/4/84	18	1,201	94	1,057	1,144	7/23/85	16	1,273	89	1,209	1,269
7/29/82	18	1,155	91	1,104	1,150	6/5/84	19	1,203	92	1,114	1,165	7/25/85	18	1,117	85	981	1,064
7/30/82	17	1,179	95	1,119	1,179	6/6/84	17	1,189	88	1,092	1,189	7/26/85	19	1,110	87	1,048	1,095
8/2/82	18	1,037	91	997	1,027	6/7/84	18	1,100	85	1,023	1,081	7/30/85	18	1,222	92	1,154	1,213
8/3/82	19	1,157	92	1,079	1,098	6/8/84	16	1,098	86	1,003	1,061	8/2/85	17	1,192	89	1,138	1,192
8/4/82	18	1,160	91	1,068	1,115	6/11/84	18	1,038	85	955	1,027	8/5/85	18	1,193	90	1,138	1,188
8/5/82	17	1,160	91	1,098	1,160	6/12/84	18	1,121	86	1,024	1,069	8/9/85	18	1,144	88	1,081	1,136
8/10/82	17	1,137	92	1,088	1,137	6/14/84	19	1,031	87	993	1,019	8/13/85	18	1,240	91	1,160	1,226
8/11/82	18	1,196	92	1,092	1,120	6/15/84	16	1,105	87	1,053	1,090	8/15/85	18	1,208	90	1,145	1,198
8/12/82	18	1,230	95	1,128	1,186	6/18/84	19	1,197	90	1,127	1,154	8/16/85	18	1,278	93	1,239	1,276
8/17/82	17	1,116	89	1,011	1,116	6/19/84	18	1,234	93	1,203	1,224	8/21/85	17	1,223	90	1,160	1,223
8/19/82	17	970	84	948	970	6/22/84	19	1,110	85	1,012	1,068	8/26/85	18	1,355	93	1,261	1,338
8/20/82	16	1,084	91	1,038	1,068	6/25/84	17	1,173	91	1,087	1,173	8/28/85	18	1,232	89	1,154	1,218
8/24/82	20	2,215	95	1,138	1,188	6/26/84	17	1,182	88	1,143	1,182	9/2/85	21	1,024	89	967	987
8/25/82	17	1,238	95	1,219	1,238	6/28/84	19	1,109	88	1,064	1,091	9/3/85	17	1,279	90	1,195	1,279
8/27/82	16	1,216	93	1,152	1,179	7/3/84	16	1,104	88	1,019	1,064	9/5/85	17	1,170	90	1,133	1,170
8/30/82	18	1,131	89	1,036	1,083	7/4/84	18	1,022	89	890	967	9/6/85	16	1,132	90	1,114	1,129
8/31/82	17	1,121	88	1,018	1,121	7/5/84	17	1,204	90	1,136	1,204	9/9/85	17	1,351	93	1,240	1,351
9/1/82	18	1,115	90	1,034	1,102	7/6/84	17	1,184	90	1,130	1,184	9/10/85	19	1,319	93	1,254	1,289
9/2/82	18	1,121	92	1,061	1,101	7/9/84	17	1,226	91	1,206	1,226	9/12/85	17	1,078	89	1,057	1,078
9/3/82	17	1,176	96	1,124	1,176	7/10/84	16	1,229	90	1,188	1,210	9/13/85	17	1,023	85	1,006	1,023
9/6/82	17	842	87	822	842	7/11/84	17	1,261	92	1,209	1,261	9/16/85	20	860	77	830	855
9/7/82	16	1,001	88	981	1,001	7/12/84	18	1,293	93	1,228	1,290	9/18/85	17	937	86	915	937
9/13/82	17	1,114	90	1,061	1,114	7/16/84	18	1,257	92	1,181	1,228	9/19/85	18	1,007	86	965	1,006
9/14/82	18	1,092	89	1,051	1,071	7/17/84	17	1,282	91	1,205	1,282	9/20/85	17	932	84	916	932
9/15/82	17	1,025	90	993	1,025	7/20/84	16	952	82	929	948	9/23/85	18	1,144	86	1,081	1,130
9/16/82	17	1,127	91	1,068	1,127	7/23/84	19	1,151	86	1,066	1,103	9/24/85	18	1,225	92	1,136	1,218
9/20/82	18	1,135	92	1,073	1,121	7/24/84	19	1,231	88	1,090	1,142	9/25/85	18	1,206	89	1,143	1,204
9/22/82	16	851	83	817	851	7/25/84	17	1,252	89	1,117	1,252	9/26/85	18	1,139	86	1,045	1,131
9/28/82	18	1,032	85	994	1,031	7/26/84	18	1,177	91	1,146	1,161	9/27/85	17	1,135	84	1,100	1,135
9/29/82	17	1,034	84	984	1,034	7/27/84	16	1,249	90	1,107	1,183	9/30/85	17	953	85	936	953
9/30/82	17	1,024	78	998	1,024	8/1/84	19	1,231	89	1,088	1,126	6/3/86	17	1,230	89	1,177	1,230
6/1/83	17	1,018	88	962	1,018	8/3/84	17	1,184	89	1,142	1,184	6/4/86	18	1,174	86	1,146	1,170
6/2/83	17	987	82	932	987	8/7/84	17	1,299	93	1,223	1,299	6/5/86	17	1,229	87	1,181	1,229
6/3/83	18	1,046	87	991	1,038	8/8/84	18	1,335	94	1,252	1,321	6/6/86	18	1,223	90	1,142	1,208
6/8/83	18	816	74	788	803	8/9/84	18	1,295	92	1,236	1,293	6/9/86	18	1,429	97	1,385	1,427
6/9/83	17	953	83	886	953	8/10/84	16	1,320	93	1,254	1,286	6/11/86	17	1,332	92	1,302	1,332
6/14/83	17	1,003	83	956	1,003	8/14/84	16	1,315	93	1,243	1,301	6/16/86	17	1,302	92	1,261	1,302
6/15/83	19	968	87	883	942	8/15/84	17	1,244	93	1,199	1,244	6/18/86	17	1,257	91	1,197	1,257
6/16/83	18	1,045	85	985	1,038	8/16/84	18	1,306	94	1,264	1,305	6/23/86	18	1,277	88	1,234	1,274
6/17/83	18	1,059	86	988	1,034	8/17/84	17	1,315	94	1,266	1,315	6/24/86	18	1,361	93	1,277	1,356
6/20/83	18	1,056	86	1,006	1,040	8/22/84	17	941	79	894	941	6/25/86	18	1,444	97	1,363	1,429
6/21/83	13	900	79	857	881	8/23/84	19	900	82	779	826	6/27/86	17	1,405	94	1,358	1,405
6/24/83	18	983	8														



Summer Peak Demand Data (Continued)

Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm
7/30/86	18	1,553	97	1,474	1,545	9/25/87	17	1,147	86	1,075	1,147	7/12/89	17	1,714	97	1,671	1,714
7/31/86	16	1,534	99	1,514	1,530	9/28/87	17	1,273	88	1,219	1,273	7/18/89	19	1,350	88	1,237	1,288
8/7/86	18	1,414	94	1,330	1,409	9/29/87	18	1,292	87	1,229	1,267	7/19/89	13	1,401	90	1,307	1,350
8/14/86	18	1,196	88	1,152	1,193	9/30/87	18	1,118	80	1,049	1,097	7/24/89	18	1,510	89	1,448	1,498
8/18/86	17	1,415	93	1,350	1,415	6/1/88	18	1,291	87	1,204	1,274	7/25/89	18	1,594	90	1,527	1,593
8/19/86	17	1,343	90	1,304	1,343	6/2/88	18	1,383	96	1,275	1,373	7/26/89	17	1,448	88	1,429	1,448
8/21/86	16	1,313	92	1,273	1,311	6/3/88	17	1,405	95	1,343	1,405	7/27/89	18	1,550	92	1,481	1,548
8/22/86	17	1,325	91	1,301	1,325	6/8/88	18	1,356	89	1,258	1,340	7/28/89	17	1,623	94	1,545	1,623
8/25/86	17	1,485	92	1,428	1,485	6/9/88	18	1,352	89	1,229	1,335	8/1/89	17	1,680	95	1,621	1,680
8/26/86	18	1,429	92	1,391	1,426	6/13/88	18	1,115	83	1,071	1,104	8/3/89	16	1,557	95	1,565	1,596
8/27/86	17	1,503	94	1,409	1,503	6/14/88	17	1,200	84	1,164	1,200	8/4/89	17	1,576	93	1,526	1,576
9/1/86	18	1,106	86	1,053	1,096	6/15/88	18	1,184	84	1,128	1,175	8/10/89	17	1,290	83	1,254	1,290
9/2/86	17	1,293	89	1,255	1,293	6/16/88	18	1,263	86	1,189	1,249	8/11/89	17	1,315	86	1,269	1,315
9/3/86	17	1,306	89	1,244	1,306	6/17/88	17	1,346	92	1,289	1,346	8/15/89	18	1,496	91	1,404	1,488
9/4/86	17	1,369	89	1,312	1,369	6/20/88	17	1,301	86	1,266	1,301	8/16/89	17	1,540	92	1,483	1,540
9/8/86	18	1,247	86	1,201	1,218	6/21/88	17	1,344	89	1,302	1,344	8/17/89	18	1,597	93	1,533	1,590
9/10/86	18	1,041	85	997	1,021	6/22/88	17	1,480	97	1,401	1,480	8/21/89	18	1,528	91	1,505	1,526
9/11/86	17	1,308	92	1,225	1,308	6/23/88	17	1,522	97	1,470	1,522	8/23/89	17	1,669	94	1,584	1,669
9/15/86	18	1,335	88	1,259	1,331	6/24/88	18	1,572	99	1,518	1,558	8/24/89	16	1,647	96	1,605	1,643
9/16/86	18	1,354	89	1,286	1,349	6/27/88	18	1,555	96	1,482	1,551	8/28/89	17	1,505	90	1,456	1,505
9/17/86	17	1,257	86	1,229	1,257	6/28/88	18	1,207	85	1,170	1,187	8/29/89	17	1,593	92	1,512	1,593
9/18/86	18	1,168	84	1,120	1,165	6/29/88	18	1,469	89	1,400	1,465	8/30/89	18	1,639	94	1,556	1,637
9/19/86	17	1,205	86	1,160	1,205	6/30/88	17	1,519	94	1,485	1,519	9/1/89	17	1,522	93	1,479	1,522
9/23/86	18	1,295	91	1,227	1,289	7/4/88	17	1,122	87	1,106	1,122	9/5/89	18	1,444	89	1,343	1,435
9/24/86	18	1,369	93	1,290	1,361	7/6/88	17	1,271	86	1,218	1,271	9/6/89	17	1,430	90	1,379	1,430
9/25/86	17	1,365	93	1,307	1,365	7/7/88	17	1,262	86	1,246	1,262	9/8/89	17	1,424	89	1,394	1,424
9/26/86	17	1,302	92	1,230	1,302	7/8/88	17	1,351	87	1,295	1,351	9/11/89	18	1,482	89	1,403	1,479
9/29/86	18	1,336	89	1,284	1,316	7/12/88	18	1,486	95	1,446	1,472	9/12/89	17	1,472	89	1,402	1,472
6/1/87	18	1,329	90	1,234	1,312	7/15/88	17	1,553	98	1,536	1,553	9/13/89	18	1,332	88	1,264	1,325
6/2/87	18	1,387	94	1,301	1,346	7/19/88	18	1,474	93	1,383	1,473	9/15/89	17	1,522	94	1,466	1,522
6/3/87	18	1,423	95	1,343	1,417	7/20/88	17	1,551	92	1,514	1,551	9/19/89	16	1,303	85	1,267	1,301
6/5/87	18	1,252	88	1,176	1,240	7/25/88	17	1,487	94	1,381	1,487	9/20/89	17	1,355	87	1,282	1,355
6/8/87	18	1,252	86	1,185	1,248	7/26/88	17	1,460	93	1,381	1,460	9/21/89	16	1,238	83	1,220	1,238
6/9/87	18	1,300	89	1,220	1,293	7/27/88	17	1,499	94	1,447	1,499	9/25/89	20	1,176	80	1,111	1,155
6/10/87	17	1,376	95	1,310	1,376	7/28/88	17	1,513	94	1,474	1,513	9/26/89	17	1,387	89	1,290	1,387
6/11/87	17	1,345	94	1,317	1,345	7/29/88	16	1,487	93	1,452	1,474	9/28/89	20	1,193	79	1,112	1,170
6/12/87	17	1,406	95	1,354	1,406	8/1/88	17	1,546	95	1,451	1,546	9/29/89	17	1,369	87	1,319	1,369
6/15/87	18	1,389	94	1,312	1,380	8/2/88	17	1,488	95	1,396	1,488	6/1/90	17	1,416	86	1,369	1,416
6/16/87	17	1,414	93	1,366	1,414	8/9/88	17	1,491	92	1,369	1,491	6/5/90	17	1,387	90	1,326	1,387
6/24/87	17	1,414	93	1,380	1,414	8/10/88	17	1,510	93	1,475	1,510	6/6/90	18	1,503	90	1,456	1,487
6/29/87	17	1,397	91	1,345	1,397	8/11/88	17	1,466	90	1,424	1,466	6/8/90	16	1,556	94	1,514	1,550
7/1/87	17	1,449	90	1,419	1,449	8/12/88	17	1,453	91	1,432	1,453	6/12/90	17	1,449	89	1,389	1,449
7/6/87	17	1,456	95	1,432	1,456	8/15/88	18	1,390	90	1,354	1,389	6/13/90	17	1,409	86	1,360	1,409
7/7/87	17	1,503	95	1,463	1,503	8/17/88	17	1,523	92	1,452	1,523	6/14/90	18	1,497	92	1,393	1,481
7/8/87	17	1,491	95	1,465	1,491	8/18/88	16	1,554	94	1,516	1,554	6/15/90	17	1,577	96	1,523	1,577
7/13/87	18	1,605	99	1,552	1,593	8/19/88	16	1,589	96	1,565	1,584	6/18/90	17	1,556	91	1,506	1,556
7/16/87	17	1,432	93	1,369	1,432	8/22/88	18	1,655	96	1,615	1,651	6/19/90	17	1,693	99	1,619	1,693
7/17/87	17	1,385	89	1,350	1,385	8/24/88	17	1,627	94	1,560	1,627	6/20/90	17	1,789	100	1,747	1,789
7/21/87	18	1,483	90	1,400	1,472	8/29/88	17	1,533	92	1,490	1,533	6/21/90	17	1,768	99	1,711	1,768
7/22/87	18	1,462	93	1,400	1,456	8/31/88	17	1,469	90	1,430	1,469	6/25/90	17	1,536	94	1,498	1,536
7/23/87	17	1,555	99	1,492	1,555	9/1/88	20	1,221	88	1,130	1,181	6/27/90	17	1,473	90	1,442	1,473
7/24/87	17	1,513	92	1,480	1,513	9/5/88	20	1,046	82	997	998	6/28/90	18	1,528	92	1,504	1,521
7/27/87	18	1,543	95	1,473	1,538	9/6/88	19	1,144	79	1,117	1,132	6/29/90	17	1,605	97	1,571	1,605
7/28/87	18	1,585	96	1,505	1,563	9/8/88	20	1,031	75	975	999	7/3/90	18	1,261	84	1,106	1,211
7/29/87	16	1,523	94	1,465	1,500	9/9/88	17	1,406	91	1,381	1,406	7/4/90	18	1,414	94	1,358	1,409
8/3/87	17	1,504	94	1,440	1,504	9/12/88	17	1,479	89	1,455	1,479	7/5/90	18	1,677	95	1,593	1,672
8/6/87	17	1,591	98	1,528	1,591	9/13/88	17	1,420	86	1,376	1,420	7/6/90	17	1,695	97	1,630	1,695
8/7/87	17	1,628	98	1,572	1,628	9/14/88	17	1,491	89	1,425	1,491	7/9/90	17	1,734	96	1,671	1,734
8/10/87	17	1,615	99	1,590	1,615	9/20/88	17	1,500	94	1,436	1,500	7/11/90	18	1,749	97	1,686	1,742
8/11/87	17	1,583	96	1,548	1,583	9/21/88	17	1,544	94	1,499	1,544	7/16/90	17	1,571	92	1,495	1,571
8/13/87	13	1,186	86	1,126	1,159	9/22/88	17	1,510	93	1,448	1,510	7/17/90	18	1,574	89	1,510	1,567
8/17/87	18	1,531	94	1,462	1,524	9/23/88	16	1,426	92	1,404	1,425	7/19/90	17	1,638	91	1,580	1,638
8/18/87	18	1,588	95	1,514	1,585	9/27/88	17	1,245	82	1,211	1,245	7/20/90	17	1,451	89	1,378	1,451
8/19/87	17	1,588	95	1,548	1,588	9/28/88	17	1,292	86	1,239	1,292	7/26/90	17	1,523	89	1,443	1,523
8/20/87	18	1,462	95	1,383	1,438	9/29/88	17	1,356	86	1,302	1,356	7/27/90	17	1,551	91	1,502	1,551
8/21/87	18	1,430	90	1,402	1,425	9/30/88	16	1,252	85	1,229	1,252	7/30/90	18	1,680	94	1,601	1,675
8/24/87	17	1,596	99	1,547	1,596	6/1/89	18	1,510	94	1,430	1,507	7/31/90	17	1,728	98	1,691	1,728
8/25/87	18	1,580	95	1,499	1,561	6/2/89	17	1,602	97	1,532	1,602	8/1/90	17	1,775	97	1,724	1,775
8/28/87	17	1,552	96	1,489	1,552	6/7/89	17	1,384	90	1,336	1,384	8/3/90	17	1,594	90	1,567	1,594
9/3/87	21	1,093	82	1,034	1,059	6/8/89	17	1,152	80	1,092	1,152	8/13/90	17	1,577	92	1,546	1,577

Summer Peak Demand Data (Continued)

Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm
9/10/90	18	1,645	94	1,588	1,637	7/1/92	17	1,644	93	1,618	1,644	8/13/93	17	1,797	94	1,724	1,797
9/11/90	17	1,628	93	1,570	1,628	7/2/92	17	1,730	94	1,658	1,730	8/16/93	17	1,786	90	1,730	1,786
9/12/90	17	1,609	91	1,564	1,609	7/3/92	18	1,652	94	1,569	1,645	8/17/93	17	1,793	91	1,731	1,793
9/13/90	17	1,624	92	1,565	1,624	7/6/92	18	1,807	95	1,727	1,794	8/18/93	17	1,920	97	1,853	1,920
9/14/90	18	1,566	95	1,490	1,564	7/7/92	17	1,834	97	1,802	1,834	8/20/93	17	1,861	94	1,813	1,861
9/17/90	17	1,579	93	1,515	1,579	7/9/92	17	1,882	97	1,844	1,882	8/23/93	17	1,822	92	1,789	1,822
9/18/90	17	1,430	89	1,405	1,430	7/10/92	17	1,855	98	1,786	1,855	8/24/93	18	1,803	89	1,744	1,795
9/19/90	18	1,473	89	1,387	1,463	7/13/92	17	1,816	96	1,734	1,816	8/25/93	18	1,769	90	1,722	1,766
9/20/90	17	1,521	94	1,431	1,521	7/14/92	17	1,740	94	1,693	1,740	8/27/93	18	1,488	88	1,377	1,462
9/21/90	17	1,609	97	1,519	1,609	7/20/92	18	1,715	91	1,633	1,714	8/30/93	18	1,729	88	1,655	1,728
9/24/90	17	1,092	80	1,047	1,092	7/21/92	18	1,633	92	1,571	1,602	8/31/93	18	1,742	89	1,673	1,735
9/25/90	18	1,169	86	1,094	1,168	7/22/92	16	1,732	93	1,687	1,715	9/3/93	17	1,806	92	1,768	1,806
9/26/90	18	1,319	89	1,229	1,312	7/23/92	17	1,791	94	1,721	1,791	9/6/93	16	1,551	94	1,525	1,546
9/27/90	17	1,415	89	1,339	1,415	7/24/92	17	1,712	94	1,668	1,712	9/7/93	17	1,574	89	1,453	1,574
6/3/91	18	1,615	92	1,505	1,599	7/27/92	17	1,848	96	1,787	1,848	9/8/93	18	1,510	86	1,379	1,475
6/4/91	17	1,705	96	1,646	1,705	7/29/92	17	1,805	95	1,785	1,805	9/10/93	17	1,644	90	1,624	1,644
6/6/91	18	1,091	80	1,061	1,086	7/31/92	17	1,704	95	1,640	1,704	9/13/93	17	1,675	87	1,630	1,675
6/10/91	18	1,358	83	1,284	1,349	8/5/92	17	1,717	93	1,640	1,717	9/14/93	17	1,694	89	1,674	1,694
6/11/91	17	1,437	87	1,366	1,437	8/6/92	18	1,600	92	1,542	1,578	9/15/93	18	1,734	91	1,693	1,727
6/12/91	18	1,479	91	1,400	1,471	8/7/92	17	1,692	93	1,645	1,692	9/16/93	18	1,724	92	1,635	1,716
6/13/91	18	1,572	91	1,492	1,565	8/10/92	17	1,769	97	1,693	1,769	9/17/93	16	1,745	90	1,723	1,745
6/20/91	16	1,632	95	1,580	1,626	8/11/92	18	1,741	94	1,695	1,735	9/21/93	17	1,759	92	1,679	1,759
6/21/91	17	1,661	94	1,604	1,661	8/12/92	16	1,696	94	1,667	1,686	9/22/93	17	1,729	92	1,640	1,729
6/26/91	18	1,474	87	1,380	1,458	8/19/92	17	1,648	91	1,567	1,648	9/23/93	17	1,657	91	1,598	1,657
6/27/91	18	1,584	91	1,549	1,580	8/20/92	18	1,658	91	1,577	1,648	9/24/93	17	1,663	92	1,590	1,663
7/1/91	18	1,607	91	1,558	1,603	8/21/92	17	1,649	92	1,603	1,649	9/27/93	17	1,543	89	1,458	1,543
7/2/91	17	1,695	96	1,625	1,695	8/25/92	18	1,638	90	1,570	1,634	9/28/93	17	1,395	82	1,344	1,395
7/3/91	17	1,682	94	1,660	1,682	8/26/92	18	1,685	91	1,602	1,683	9/29/93	18	1,254	83	1,184	1,248
7/4/91	17	1,502	94	1,464	1,502	8/27/92	18	1,729	92	1,618	1,723	9/30/93	18	1,159	79	1,107	1,155
7/8/91	17	1,714	96	1,653	1,714	8/28/92	18	1,418	86	1,356	1,417	6/1/94	18	1,688	90	1,567	1,687
7/10/91	18	1,565	90	1,378	1,558	9/1/92	17	1,652	90	1,598	1,652	6/2/94	17	1,570	90	1,510	1,570
7/11/91	18	1,388	89	1,171	1,344	9/3/92	17	1,578	90	1,537	1,578	6/8/94	16	1,581	91	1,543	1,573
7/12/91	19	1,299	88	1,148	1,234	9/7/92	17	1,467	91	1,420	1,467	6/9/94	18	1,770	93	1,718	1,758
7/15/91	17	1,666	94	1,613	1,666	9/9/92	18	1,415	86	1,367	1,410	6/10/94	17	1,715	92	1,643	1,715
7/16/91	17	1,642	93	1,581	1,642	9/10/92	21	1,178	79	1,111	1,139	6/14/94	17	1,773	95	1,727	1,773
7/22/91	17	1,711	98	1,660	1,711	9/11/92	17	1,486	89	1,393	1,486	6/17/94	18	1,416	84	1,257	1,395
7/24/91	17	1,756	95	1,685	1,756	9/14/92	18	1,344	85	1,293	1,338	6/20/94	17	1,731	89	1,657	1,731
7/25/91	17	1,665	93	1,644	1,665	9/15/92	21	1,258	82	1,178	1,208	6/22/94	17	1,813	92	1,753	1,813
7/29/91	16	1,681	95	1,639	1,665	9/16/92	17	1,528	87	1,466	1,528	6/24/94	17	1,770	92	1,711	1,770
8/1/91	17	1,458	88	1,415	1,458	9/17/92	17	1,578	88	1,544	1,578	6/27/94	18	1,808	91	1,716	1,793
8/2/91	17	1,582	92	1,524	1,582	9/18/92	17	1,565	90	1,513	1,565	6/28/94	17	1,885	94	1,785	1,885
8/6/91	17	1,697	95	1,641	1,697	9/21/92	17	1,653	94	1,603	1,653	6/29/94	17	1,895	94	1,821	1,895
8/7/91	18	1,735	95	1,687	1,722	9/22/92	17	1,705	94	1,646	1,705	6/30/94	17	1,826	92	1,755	1,826
8/9/91	17	1,677	96	1,628	1,677	9/23/92	17	1,695	92	1,624	1,695	7/1/94	17	1,686	92	1,632	1,686
8/15/91	18	1,534	91	1,460	1,527	9/28/92	20	1,328	85	1,254	1,309	7/4/94	16	1,419	89	1,388	1,419
8/16/91	17	1,519	89	1,489	1,519	6/1/93	17	1,570	89	1,494	1,570	7/5/94	17	1,732	92	1,661	1,732
8/20/91	17	1,630	93	1,551	1,630	6/2/93	17	1,599	91	1,558	1,599	7/8/94	17	1,753	90	1,655	1,753
8/21/91	18	1,645	92	1,553	1,643	6/3/93	18	1,702	93	1,594	1,692	7/11/94	17	1,849	95	1,805	1,849
8/22/91	17	1,553	89	1,499	1,553	6/4/93	18	1,686	92	1,581	1,678	7/12/94	17	1,852	94	1,811	1,852
8/23/91	17	1,539	89	1,492	1,539	6/7/93	18	1,859	100	1,801	1,850	7/13/94	17	1,848	93	1,756	1,848
8/26/91	17	1,659	93	1,584	1,659	6/8/93	17	1,885	99	1,815	1,885	7/14/94	18	1,815	94	1,729	1,814
8/27/91	18	1,432	88	1,350	1,424	6/9/93	17	1,871	96	1,820	1,871	7/15/94	17	1,843	93	1,776	1,843
8/28/91	18	1,602	92	1,539	1,594	6/10/93	17	1,893	99	1,850	1,893	7/18/94	17	1,918	95	1,855	1,918
8/29/91	18	1,551	89	1,431	1,530	6/11/93	17	1,879	99	1,849	1,879	7/19/94	16	1,883	95	1,855	1,875
9/2/91	21	1,215	86	1,131	1,182	6/15/93	17	1,647	88	1,602	1,647	7/28/94	13	1,436	87	1,383	1,409
9/3/91	17	1,366	86	1,331	1,366	6/16/93	17	1,690	87	1,639	1,690	8/1/94	17	1,815	93	1,764	1,815
9/4/91	18	1,523	89	1,462	1,516	6/17/93	17	1,641	87	1,576	1,641	8/2/94	17	1,871	92	1,808	1,871
9/5/91	18	1,560	91	1,495	1,550	6/18/93	17	1,567	87	1,526	1,567	8/3/94	17	1,860	90	1,789	1,860
9/6/91	17	1,554	92	1,524	1,554	6/21/93	17	1,739	93	1,677	1,739	8/4/94	16	1,838	91	1,808	1,838
9/9/91	18	1,527	91	1,459	1,524	6/23/93	17	1,606	93	1,476	1,606	8/5/94	17	1,857	93	1,810	1,857
9/10/91	18	1,492	89	1,396	1,486	6/25/93	17	1,524	89	1,473	1,524	8/8/94	17	1,556	86	1,504	1,556
9/11/91	17	1,564	90	1,498	1,564	6/30/93	17	1,747	95	1,694	1,747	8/9/94	18	1,569	85	1,487	1,552
9/12/91	17	1,637	94	1,573	1,637	7/5/93	18	1,746	96	1,656	1,726	8/10/94	17	1,725	89	1,652	1,725
9/13/91	17	1,604	91	1,573	1,604	7/7/93	18	1,819	92	1,758	1,811	8/12/94	17	1,718	88	1,666	1,718
9/16/91	18	1,654	96	1,589	1,649	7/9/93	17	1,838	95	1,813	1,838	8/19/94	16	1,740	91	1,722	1,737
9/17/91	17	1,587	95	1,505	1,587	7/12/93	18	1,840	95	1,737	1,834	8/23/94	14	1,542	90	1,499	1,525
9/18/91	18	1,505	94	1,342	1,484	7/13/93	18	1,829	94	1,774	1,818	8/24/94	18	1,694	88	1,621	1,686
9/19/91	18	1,654	91	1,597	1,643	7/15/93	18	1,871	95	1,780	1,868	8/25/94	17	1,589	84	1,537	1,589
9/23/91	18	1,434	85	1,353	1,432	7/16/93	17	1,872	95	1,825	1,872	8/26/94	17	1,664	86	1,602	1,664
9/24/91	18	1,558	90	1,466	1,551	7/19/93	18	1,943	96	1,870	1,938	8/29/94	17	1,776	93	1,695	1,776
9/25/91	13																



Summer Peak Demand Data (Continued)

Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm
9/23/94	17	1,455	84	1,419	1,455	7/3/96	16	1,973	94	1,944	1,962	8/22/97	17	1,890	88	1,827	1,890
9/26/94	18	1,518	86	1,387	1,502	7/8/96	17	1,852	93	1,797	1,852	8/25/97	18	1,691	85	1,641	1,685
9/27/94	17	1,466	84	1,410	1,466	7/9/96	19	1,612	85	1,445	1,557	8/26/97	18	1,759	85	1,671	1,748
9/28/94	17	1,506	87	1,453	1,506	7/10/96	17	1,929	92	1,876	1,929	8/27/97	18	1,657	84	1,592	1,636
9/29/94	17	1,623	91	1,541	1,623	7/11/96	16	1,752	88	1,711	1,750	8/28/97	18	1,947	92	1,828	1,936
9/30/94	17	1,559	86	1,512	1,559	7/15/96	18	1,987	93	1,941	1,973	8/29/97	17	2,007	93	1,952	2,007
6/1/95	17	1,810	94	1,759	1,810	7/16/96	18	1,835	89	1,741	1,819	9/1/97	18	1,692	89	1,648	1,680
6/5/95	18	1,585	86	1,513	1,581	7/17/96	17	1,933	90	1,862	1,933	9/2/97	17	1,814	89	1,751	1,814
6/6/95	18	1,796	93	1,673	1,780	7/18/96	18	1,953	91	1,869	1,946	9/3/97	18	1,934	91	1,814	1,911
6/7/95	18	1,887	93	1,789	1,877	7/19/96	17	1,994	93	1,931	1,994	9/5/97	17	1,610	81	1,566	1,610
6/8/95	18	1,918	95	1,838	1,910	7/22/96	18	2,033	92	1,953	2,020	9/8/97	17	1,764	86	1,674	1,764
6/9/95	17	1,979	100	1,940	1,979	7/23/96	17	2,063	94	2,024	2,063	9/9/97	18	1,616	89	1,718	1,815
6/13/95	17	1,573	86	1,510	1,573	7/25/96	16	1,987	94	1,948	1,970	9/11/97	18	1,864	91	1,832	1,858
6/14/95	17	1,510	86	1,456	1,510	7/26/96	17	1,932	89	1,864	1,932	9/12/97	17	1,886	90	1,834	1,886
6/15/95	17	1,561	85	1,450	1,561	7/29/96	17	2,023	94	1,939	2,023	9/15/97	18	1,905	88	1,831	1,902
6/19/95	17	1,594	87	1,493	1,594	7/30/96	17	2,014	92	1,954	2,014	9/16/97	17	1,921	90	1,866	1,921
6/20/95	17	1,621	89	1,529	1,621	7/31/96	17	2,016	92	1,952	2,016	9/17/97	17	1,931	88	1,857	1,931
6/21/95	16	1,616	88	1,588	1,615	8/2/96	17	1,628	85	1,564	1,628	9/18/97	17	1,911	90	1,852	1,911
6/22/95	18	1,664	87	1,568	1,653	8/5/96	17	1,948	91	1,882	1,948	9/19/97	17	1,917	90	1,872	1,917
6/23/95	17	1,823	93	1,760	1,823	8/8/96	18	1,803	87	1,764	1,800	9/22/97	18	1,840	87	1,746	1,833
6/28/95	16	1,841	95	1,801	1,817	8/9/96	17	1,861	89	1,797	1,861	9/23/97	18	1,831	87	1,733	1,827
7/4/95	17	1,695	96	1,626	1,695	8/15/96	17	1,724	90	1,638	1,724	9/24/97	17	1,959	91	1,866	1,959
7/5/95	17	1,928	97	1,862	1,928	8/16/96	17	1,767	87	1,727	1,767	9/29/97	18	1,758	87	1,668	1,750
7/6/95	17	1,923	95	1,860	1,923	8/19/96	17	1,884	88	1,847	1,884	9/30/97	18	1,750	88	1,656	1,748
7/11/95	17	1,873	96	1,822	1,873	8/20/96	17	1,808	88	1,752	1,808	6/1/98	18	2,173	95	2,012	2,145
7/12/95	18	1,877	92	1,794	1,840	8/21/96	18	1,734	87	1,694	1,723	6/2/98	18	2,301	98	2,210	2,277
7/13/95	17	1,886	92	1,833	1,886	8/22/96	17	1,838	87	1,766	1,838	6/3/98	18	2,310	98	2,164	2,277
7/14/95	17	1,858	94	1,811	1,858	8/23/96	17	1,810	87	1,743	1,810	6/4/98	18	2,297	97	2,199	2,269
7/17/95	18	1,480	85	1,444	1,479	8/26/96	17	1,643	86	1,548	1,643	6/5/98	17	2,247	98	2,193	2,244
7/18/95	18	1,760	88	1,592	1,751	8/27/96	18	1,886	90	1,777	1,869	6/8/98	18	1,788	83	1,708	1,784
7/19/95	17	1,901	93	1,814	1,901	8/28/96	17	1,945	90	1,846	1,945	6/9/98	18	1,889	88	1,818	1,888
7/20/95	17	1,978	98	1,924	1,978	8/29/96	17	1,820	86	1,738	1,820	6/10/98	18	2,114	95	2,015	2,106
7/24/95	17	2,034	96	1,972	2,034	9/3/96	18	1,835	90	1,746	1,825	6/11/98	17	2,207	97	2,129	2,207
7/26/95	17	1,893	93	1,811	1,893	9/4/96	17	1,798	89	1,718	1,798	6/12/98	17	2,238	99	2,150	2,226
7/28/95	18	1,728	89	1,691	1,719	9/5/96	18	1,788	88	1,611	1,761	6/15/98	17	2,287	101	2,205	2,262
8/1/95	17	1,790	88	1,759	1,790	9/6/96	16	1,888	90	1,851	1,884	6/16/98	17	2,269	100	2,169	2,253
8/2/95	17	1,586	84	1,507	1,586	9/11/96	17	1,642	87	1,578	1,642	6/17/98	17	2,278	99	2,212	2,256
8/3/95	18	1,668	88	1,534	1,632	9/12/96	18	1,763	88	1,682	1,762	6/18/98	17	2,315	100	2,267	2,299
8/4/95	17	1,856	89	1,811	1,856	9/13/96	17	1,781	90	1,757	1,781	6/19/98	16	2,284	103	2,237	2,257
8/7/95	17	1,989	94	1,928	1,989	9/17/96	18	1,687	88	1,547	1,643	6/22/98	17	2,264	97	2,192	2,231
8/9/95	17	1,747	86	1,701	1,747	9/18/96	17	1,800	87	1,735	1,800	6/23/98	16	2,245	99	2,179	2,220
8/10/95	18	1,739	88	1,680	1,730	9/20/96	17	1,507	82	1,461	1,507	6/24/98	18	2,248	97	2,117	2,226
8/11/95	16	1,847	92	1,814	1,843	9/23/96	18	1,580	87	1,447	1,566	6/26/98	17	2,064	90	1,970	2,047
8/14/95	18	2,067	96	2,015	2,066	9/24/96	18	1,632	87	1,508	1,627	6/29/98	17	2,332	100	2,276	2,319
8/16/95	17	2,001	93	1,940	2,001	9/25/96	18	1,644	86	1,555	1,642	6/30/98	17	2,313	99	2,225	2,301
8/17/95	17	2,038	94	1,991	2,038	9/26/96	17	1,698	86	1,617	1,698	7/1/98	18	2,341	99	2,279	2,328
8/21/95	18	1,689	86	1,603	1,680	9/27/96	17	1,678	87	1,651	1,678	7/2/98	17	2,272	98	2,229	2,262
8/22/95	18	1,659	87	1,562	1,645	9/30/96	17	1,593	84	1,568	1,593	7/3/98	17	2,072	95	2,010	2,063
8/23/95	17	1,783	87	1,732	1,783	6/2/97	17	1,620	84	1,556	1,620	7/7/98	18	2,082	90	1,971	2,056
8/25/95	18	1,460	84	1,378	1,441	6/3/97	18	1,616	84	1,557	1,614	7/8/98	17	2,246	96	2,173	2,238
8/28/95	17	1,937	90	1,869	1,937	6/10/97	18	1,456	79	1,397	1,442	7/9/98	17	2,315	97	2,258	2,310
8/29/95	17	1,543	83	1,497	1,543	6/11/97	17	1,553	83	1,526	1,553	7/10/98	18	2,154	94	2,081	2,149
8/30/95	17	1,735	86	1,704	1,735	6/16/97	18	1,854	88	1,780	1,844	7/13/98	17	1,589	83	1,548	1,576
8/31/95	18	1,752	86	1,701	1,740	6/18/97	14	1,809	91	1,715	1,798	7/14/98	18	1,720	82	1,611	1,713
9/1/95	17	1,631	86	1,564	1,631	6/19/97	17	1,886	89	1,817	1,886	7/17/98	13	1,862	88	1,743	1,765
9/4/95	21	1,381	84	1,275	1,347	6/20/97	18	1,730	87	1,651	1,712	7/20/98	17	2,069	92	2,001	2,069
9/6/95	17	1,436	82	1,367	1,436	6/23/97	17	1,891	90	1,863	1,891	7/21/98	18	1,925	89	1,732	1,916
9/8/95	17	1,610	85	1,551	1,610	6/25/97	18	1,970	89	1,886	1,968	7/23/98	17	2,169	94	2,088	2,169
9/11/95	17	1,715	87	1,675	1,715	6/27/97	17	1,966	91	1,896	1,966	7/27/98	17	2,184	94	2,135	2,184
9/12/95	18	1,674	86	1,628	1,657	7/1/97	18	1,986	91	1,863	1,962	7/29/98	17	2,206	95	2,106	2,206
9/13/95	16	1,805	91	1,760	1,794	7/2/97	18	2,030	94	1,934	2,021	7/30/98	17	2,208	94	2,123	2,208
9/14/95	17	1,864	91	1,793	1,864	7/3/97	17	2,077	97	2,025	2,077	7/31/98	18	2,132	93	2,041	2,131
9/15/95	17	1,680	86	1,607	1,680	7/8/97	18	1,961	90	1,872	1,948	8/3/98	18	1,782	85	1,722	1,773
9/18/95	17	1,812	88	1,785	1,812	7/9/97	17	1,991	90	1,927	1,991	8/4/98	17	1,892	87	1,835	1,892
9/19/95	17	1,671	84	1,635	1,671	7/10/97	18	2,006	92	1,919	1,993	8/5/98	17	1,887	86	1,827	1,887
9/20/95	18	1,565	83	1,501	1,539	7/14/97	17	1,894	89	1,817	1,894	8/10/98	18	1,884	90	1,773	1,841
9/21/95	18	1,693	86	1,643	1,686	7/15/97	17	1,996	91	1,919	1,996	8/11/98	18	2,142	94	2,078	2,135
9/22/95	17	1,810	90	1,737	1,810	7/17/97	17	1,989	92	1,950	1,989	8/12/98	17	2,206	95	2,147	2,206
9/25/95	20	1,418	81	1,270	1,377	7/21/97	17	2,009	92	1,947	2,009	8/14/98	16	2,014	91	1,984	1,999
9/26/95	17	1,584	88	1,557	1,584	7/22/97	18	2,061	92	1,992	2,059	8/19/98	18	1,984	89	1,856	

Summer Peak Demand Data (Continued)

Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm	Date	Hr	MW	MaxT	MW3pm	MW5pm
9/22/98	16	1,970	91	1,896	1,950	8/18/99	17	2,338	95	2,258	2,338	7/18/00	17	2,283	98	2,252	2,277
9/23/98	17	1,860	87	1,842	1,860	8/19/99	17	2,262	94	2,206	2,262	7/19/00	18	2,364	101	2,267	2,319
9/25/98	17	1,765	84	1,736	1,765	8/23/99	17	2,184	89	2,106	2,184	7/21/00	17	2,285	99	2,211	2,280
9/28/98	17	1,918	89	1,871	1,918	8/24/99	17	2,207	91	2,108	2,207	7/24/00	13	1,780	84	1,622	1,718
9/30/98	20	1,518	80	1,465	1,499	8/26/99	18	2,204	92	2,149	2,186	7/25/00	17	2,063	89	1,941	2,063
6/1/99	18	1,854	86	1,765	1,850	8/27/99	16	2,249	94	2,209	2,244	7/26/00	17	2,114	88	2,028	2,114
6/2/99	18	1,903	87	1,747	1,874	8/30/99	18	2,195	93	2,135	2,185	7/27/00	18	2,093	88	2,036	2,078
6/3/99	16	1,989	92	1,963	1,984	8/31/99	17	1,991	85	1,930	1,991	7/31/00	18	2,171	92	2,112	2,169
6/4/99	17	2,147	94	2,013	2,147	9/1/99	17	1,956	87	1,871	1,956	8/1/00	17	2,201	91	2,111	2,201
6/8/99	17	1,965	87	1,890	1,965	9/2/99	18	1,998	90	1,856	1,970	8/2/00	17	2,249	92	2,196	2,249
6/9/99	18	1,941	87	1,852	1,895	9/3/99	18	2,127	93	2,009	2,126	8/7/00	18	2,241	92	2,187	2,235
6/11/99	17	1,884	85	1,775	1,884	9/7/99	17	2,172	93	2,120	2,172	8/8/00	17	2,246	93	2,199	2,245
6/14/99	17	2,114	90	2,024	2,114	9/9/99	17	2,089	90	2,023	2,089	8/9/00	18	2,241	94	2,124	2,198
6/15/99	17	2,099	91	1,996	2,099	9/10/99	17	2,017	88	1,941	2,017	8/10/00	17	2,282	93	2,224	2,282
6/18/99	17	1,716	82	1,686	1,716	9/13/99	17	1,854	85	1,813	1,854	8/11/00	17	2,307	95	2,279	2,304
6/21/99	18	1,819	83	1,724	1,798	9/15/99	21	1,141	78	840	905	8/14/00	17	2,195	93	2,128	2,193
6/22/99	17	1,971	85	1,928	1,971	9/16/99	18	1,884	90	1,746	1,876	8/15/00	18	2,099	92	2,063	2,087
6/23/99	17	1,967	84	1,885	1,967	9/17/99	17	1,900	86	1,852	1,900	8/16/00	18	2,209	91	2,112	2,188
6/24/99	17	1,862	85	1,774	1,862	9/21/99	18	1,733	84	1,629	1,728	8/17/00	17	2,245	94	2,142	2,245
6/30/99	17	2,017	90	1,741	2,017	9/23/99	21	1,465	78	1,377	1,445	8/18/00	17	2,256	96	2,226	2,256
7/2/99	17	1,946	86	1,874	1,946	9/24/99	18	1,697	83	1,622	1,696	8/22/00	18	2,007	88	1,909	1,993
7/5/99	18	1,898	89	1,787	1,874	9/28/99	17	1,916	89	1,899	1,916	8/23/00	18	2,184	88	2,073	2,182
7/6/99	17	2,153	92	2,084	2,153	9/29/99	17	2,048	89	1,968	2,048	8/24/00	17	2,204	91	2,116	2,204
7/8/99	17	2,185	94	2,121	2,185	9/30/99	17	1,622	79	1,553	1,622	8/28/00	17	2,267	94	2,180	2,267
7/12/99	17	2,210	93	2,135	2,210	6/1/00	18	2,011	88	1,857	2,002	8/29/00	17	2,060	88	2,007	2,060
7/13/99	17	2,166	91	2,093	2,166	6/2/00	17	2,108	93	2,048	2,108	8/30/00	18	1,921	87	1,807	1,882
7/15/99	17	2,079	88	2,022	2,079	6/6/00	18	1,997	90	1,939	1,994	8/31/00	17	2,078	88	2,013	2,078
7/16/99	17	2,073	90	2,005	2,073	6/7/00	18	1,795	81	1,751	1,794	9/1/00	17	1,975	88	1,920	1,975
7/19/99	18	2,015	89	1,891	2,000	6/8/00	17	1,894	85	1,826	1,894	9/4/00	17	1,961	90	1,904	1,961
7/20/99	17	2,253	94	2,162	2,253	6/9/00	17	1,865	85	1,812	1,865	9/6/00	19	1,611	79	1,515	1,567
7/21/99	17	2,289	95	2,210	2,261	6/12/00	18	2,002	89	1,938	1,999	9/7/00	21	1,698	81	1,553	1,595
7/22/99	17	2,299	95	2,191	2,274	6/13/00	17	2,168	93	2,102	2,168	9/11/00	17	1,995	86	1,920	1,995
7/23/99	17	2,294	95	2,222	2,264	6/16/00	18	2,108	92	2,063	2,083	9/12/00	18	1,954	87	1,830	1,915
7/26/99	18	2,305	95	2,188	2,294	6/19/00	18	2,214	94	2,118	2,191	9/13/00	18	2,093	90	2,006	2,083
7/27/99	17	2,376	99	2,288	2,344	6/22/00	17	1,896	89	1,773	1,896	9/14/00	16	2,136	91	2,089	2,133
7/28/99	17	2,394	98	2,326	2,368	6/26/00	17	1,829	89	1,689	1,829	9/15/00	17	2,106	91	2,032	2,106
7/29/99	18	2,353	97	2,284	2,324	6/28/00	16	1,901	88	1,835	1,881	9/19/00	21	1,640	81	1,548	1,593
7/30/99	17	2,376	99	2,338	2,376	7/3/00	18	1,892	87	1,855	1,891	9/20/00	17	1,760	87	1,638	1,760
8/3/99	17	2,165	91	2,110	2,165	7/4/00	18	1,855	89	1,796	1,847	9/25/00	17	2,178	91	2,102	2,178
8/4/99	19	1,763	85	1,676	1,741	7/5/00	17	2,191	96	2,171	2,191	9/26/00	17	1,862	81	1,793	1,862
8/5/99	18	2,110	88	2,035	2,089	7/10/00	18	2,185	95	2,119	2,167	9/28/00	17	1,665	80	1,626	1,665
8/6/99	17	2,226	92	2,180	2,226	7/11/00	18	2,337	98	2,270	2,336						
8/9/99	18	2,034	88	1,889	2,016	7/12/00	18	2,112	87	1,963	2,054						
8/11/99	17	2,222	94	2,127	2,222	7/13/00	18	2,305	95	2,216	2,298						
8/17/99	17	2,234	92	2,200	2,234	7/17/00	17	2,357	98	2,229	2,357						

Non-Firm Customer Load Data

The average of the top 10 peak days per season (excluding the highest and lowest values) in FY 2000 are the base-line coincident peak demand estimates for non-firm customer load.

System Winter Peak Days

Fiscal Year	Date	Hour	Peak	Effect of Peaking Prices	Adjusted Peak
1999	1/6/99	8	2,403	17	2,420
2000	1/27/00	8	2,478	5	2,483

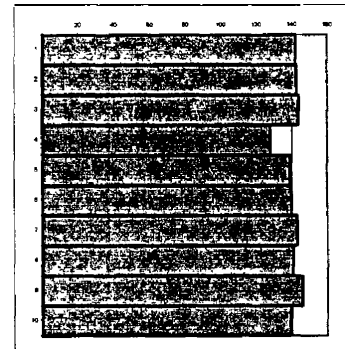
Coincident Peak Demand			
I/C Load	EOPP	Adj Load	Typical
81	17	98	
137	5	142	141

Fiscal Year	Date	Hour	Peak	Effect of Peaking Prices	Adjusted Peak
1998	7/1/98	18	2,338	3	2,341
1999	8/2/99	16	2,427	0	2,427
2000	7/20/00	14	2,380	0	2,380

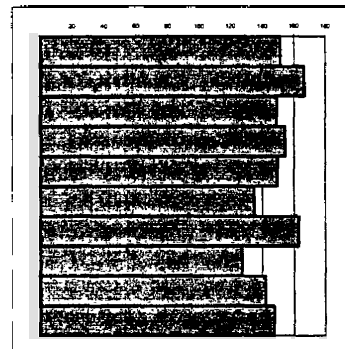
Coincident Peak Demand			
I/C Load	EOPP	Adj Load	Typical
94	3	97	
130	0	130	
151	0	151	149

FY 2000 Top 10 Peak Days Per Season

Date	Hour	Peak	I/C Load	EOPP	Adj Load
1/27/00			137	5	142
1/26/00	8	2,295	110	33	143
1/25/00	8	2,151	144	0	144
2/1/00	8	2,141	128	0	128
2/7/00	8	2,083	139	0	139
12/2/99	8	2,052	101	39	140
1/28/00	8	2,034	140	3	143
1/24/00	21	1,965	141	0	141
2/3/00	8	1,950	146	0	146
1/21/00	8	1,935	139	0	139
Average w/o highest and lowest					141



Date	Peak Hr	System Peak	I/C Load	EOPP	Adj Load
7/20/00	14	2,380	151	0	151
7/17/00	17	2,357	167	0	167
7/11/00	18	2,337	149	0	149
7/19/00	18	2,321	111	43	154
7/13/00	18	2,305	149	0	149
8/11/00	17	2,304	132	3	135
7/6/00	15	2,289	163	0	163
7/7/00	15	2,283	127	0	127
8/10/00	17	2,282	142	0	142
7/21/00	17	2,280	142	5	147
Average w/o Highest and Lowest					149



Appendix B

**Ten-Year Site Plan
Schedules**



Schedule 1 Existing Generating Facilities As of January 1, 2001															
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(13)	(14)		(15)	
Plant Name	Unit Number	Location	Unit Type	Fuel Type		Fuel Transport		Commercial In-Service Mo/Yr	Expected Retirement Mo/Yr	Gen Max Nameplate kW	Net MW Capability		Ownership	Status	
				Primary	Alt.	Primary	Alt.				Summer	Winter			
Kennedy	3-5	12-031	GT	FO2		WA	TK	7/1973	(b)	372,400	311	380	Utility	(a)	
	7	12-031	GT	NG	FO2	PL	WA	6/2000		168,600	153	189			Utility
Northside										1,407,100	979	1,015	Utility	M	
	1	12-031	ST	NG	FO6	PL	WA	11/1966		297,500	262	262			Utility
	2	12-031	ST	FO6		WA		3/1972		297,500	262	262			Utility
	3	12-031	ST	NG	FO6	PL	WA	7/1977	(b)	563,700	505	505			Utility
	3-6	12-031	GT	FO2		WA	TK	1/1975	(b)	248,400	212	248	Utility		
Southside										231,600	209	209	Utility	(a)	
	4	12-031	ST	NG	FO6	PL	WA	11/1958	10/2001	75,000	67	67			Utility
	5	12-031	ST	NG	FO6	PL	WA	9/1964	10/2001	156,600	142	142	Utility		
Girvin Landfill	1-4	12-301	IC	NG		PL		6/1997	2010	3	3	3	Utility		
St. Johns River Power Park										1,359,200	1,002	1,021	Joint	(c)	
	1	12-301	ST	BIT/PC		RR	WA	3/1987	3/2027	679,600	501	510			Joint
	2	12-301	ST	BIT/PC		RR	WA	5/1988	5/2028	679,600	501	510	Joint	(c)	
Scherer	4	13-207	ST	SUB	BIT	RR	RR	2/1989	2/2029	846,000	200	200	Joint	(d)	
JEA System Total											2,704	2,828		(a)	

NOTE:

- (a) Plant and System total net capability do not include units designated as inactive reserve (M)
- (b) Life extension will continue to be an evaluated consideration for future capacity additions.
- (c) Net capability reflects the JEA's 80% ownership of Power Park. Nameplate is original nameplate of the unit.
- (d) Nameplate and net capability reflects the JEA's 23.64% ownership in Scherer 4.



Schedule 2.1 History And Forecast of Energy Consumption and Number of Customers By Class											
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Calendar Year	Duval County Population	Rural and Residential				Commercial			Industrial		
		Members Per Household	GWH Sales	Average No. of Customers	Average kWh/ Customer	GWH Sales	Average No. of Customers	Average kWh/ Customer	GWH Sales	Average No. of Customers	Average kWh/ Customer
1991	681,631	2.60	3,602	262,376	13,730	874	28,995	30,133	3,590	2,477	1,449,326
1992	693,546	2.61	3,696	266,219	13,883	873	29,144	29,945	3,660	2,596	1,409,926
1993	701,608	2.59	3,830	270,818	14,143	862	29,378	29,327	3,889	2,670	1,456,427
1994	710,592	2.55	3,909	278,682	14,027	897	29,571	30,324	4,048	2,731	1,482,265
1995	721,900	2.55	4,137	283,551	14,589	937	29,972	31,269	4,174	2,742	1,522,385
* 1996	0	0.00	4,391	288,947	15,195	937	30,162	31,079	4,353	2,975	1,463,160
* 1997	0	0.00	4,165	295,916	14,075	949	30,709	30,903	4,526	3,025	1,496,198
* 1998	0	0.00	4,643	301,883	15,380	1,035	31,297	33,070	4,835	3,094	1,562,702
* 1999	0	0.00	4,529	305,917	14,805	1,036	31,873	32,504	5,130	3,203	1,601,623
* 2000	0	0.00	4,701	312,103	15,062	1,079	32,351	33,353	5,205	3,309	1,572,983
* 2001	0	0.00	4,923	318,345	15,463	1,130	32,998	34,240	5,450	3,375	1,614,838
* 2002	0	0.00	5,087	324,712	15,665	1,168	33,658	34,689	5,632	3,443	1,635,972
* 2003	0	0.00	5,254	331,206	15,863	1,206	34,331	35,125	5,817	3,512	1,656,559
* 2004	0	0.00	5,424	337,830	16,055	1,245	35,018	35,551	6,005	3,582	1,676,626
* 2005	0	0.00	5,597	344,587	16,242	1,285	35,718	35,966	6,197	3,653	1,696,198
* 2006	0	0.00	5,773	351,479	16,425	1,325	36,432	36,371	6,392	3,726	1,715,301
* 2007	0	0.00	5,953	358,508	16,604	1,366	37,161	36,766	6,591	3,801	1,733,957
* 2008	0	0.00	6,135	365,678	16,778	1,408	37,904	37,153	6,793	3,877	1,752,192
* 2009	0	0.00	6,322	372,992	16,949	1,451	38,662	37,531	7,000	3,955	1,770,026
* 2010	0	0.00	6,512	380,452	17,116	1,495	39,436	37,901	7,210	4,034	1,787,484

* Duval County population not used in forecast projections



Schedule 2.2 History And Forecast of Energy Consumption and Number of Customers By Class								
Calendar Year	(13) Street & Highway Lighting GWH	(14) Other Sales to Ultimate Customers GWH	(15) Total Sales to Ultimate Customers GWH	(16) Sales For Resale GWH	(17) Utility Use & Losses GWH	(18) Net Energy For Load GWH	(19) Other Customers (Average No.)	(20) Total No. of Customers
1991	58	0	8,124	224	487	8,835	0	293,848
1992	59	0	8,288	309	431	9,028	0	297,959
1993	61	0	8,642	339	628	9,609	0	302,866
1994	63	0	8,917	304	388	9,609	0	310,984
1995	72	0	9,320	339	667	10,326	0	316,265
1996	70	0	9,751	363	401	10,515	0	322,084
1997	71	0	9,711	383	571	10,665	0	329,650
1998	77	0	10,590	438	442	11,470	0	336,274
1999	86	0	10,781	454	547	11,782	0	340,993
2000	120	0	11,105	482	609	12,196	0	347,763
2001	94	0	11,597	505	499	12,600	0	354,718
2002	97	0	11,984	522	514	13,019	0	361,813
2003	101	0	12,377	539	529	13,445	0	369,049
2004	104	0	12,778	556	545	13,879	0	376,430
2005	107	0	13,186	574	561	14,320	0	383,958
2006	111	0	13,601	592	577	14,770	0	391,638
2007	114	0	14,024	610	594	15,228	0	399,470
2008	118	0	14,455	629	611	15,695	0	407,460
2009	121	0	14,894	648	628	16,170	0	415,609
2010	125	0	15,341	668	646	16,655	0	423,921



Schedule 3 History And Forecast of Seasonal Peak Demand and Annual Net Energy For Load														
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Calendar Year	Summer Peak Demand @ Generator - MW					Annual Net Energy for Load (GWH)				Winter Peak Demand @ Generator - MW				
	Retail	Wholesale	Total	Interruptible	Net Firm Demand	Retail	Wholesale	Total	Load Factor %	Retail	Wholesale	Total	Interruptible	Net Firm Demand
1991	1,709	47	1,756	0	1,756	8,710	318	9,028	59	1,717	73	1,790	0	1,725
1992	1,825	56	1,881	0	1,881	9,260	349	9,609	58	1,852	64	1,916	0	1,881
1993	1,938	60	1,998	0	1,998	9,296	313	9,609	55	1,836	69	1,905	0	1,791
1994	1,865	53	1,918	0	1,918	9,977	349	10,326	61	2,007	66	2,073	0	1,936
1995	2,001	66	2,067	0	2,067	10,141	374	10,515	55	2,002	70	2,072	0	2,190
1996	2,050	64	2,114	0	2,114	10,271	394	10,665	51	2,129	82	2,211	0	2,401
1997	2,061	70	2,131	0	2,131	11,019	451	11,470	61	2,099	88	2,187	0	1,986
1998	2,252	86	2,338	0	2,338	11,314	468	11,782	58	2,339	72	2,411	0	1,975
1999	2,335	92	2,427	0	2,427	11,286	454	11,740	55	2,305	68	2,373	0	2,403
2000	2,287	93	2,380	0	2,380	11,714	482	12,196	53	2,451	93	2,544	0	2,544
2001	2,438	96	2,534	153	2,380	12,102	499	12,600	54	2,561	105	2,666	0	2,666
2002	2,520	100	2,619	158	2,461	12,503	516	13,019	54	2,637	109	2,746	150	2,596
2003	2,603	103	2,706	163	2,544	12,911	534	13,445	54	2,726	113	2,838	154	2,684
2004	2,688	107	2,795	168	2,627	13,326	553	13,879	54	2,816	116	2,933	159	2,774
2005	2,775	110	2,885	173	2,712	13,748	572	14,320	54	2,908	121	3,029	163	2,865
2006	2,863	114	2,977	178	2,799	14,178	593	14,770	54	3,002	125	3,126	168	2,958
2007	2,952	118	3,071	183	2,887	14,615	613	15,228	54	3,097	129	3,226	173	3,052
2008	3,043	122	3,166	189	2,977	15,060	635	15,695	53	3,194	134	3,327	179	3,149
2009	3,136	127	3,263	194	3,069	15,513	657	16,170	53	3,292	138	3,431	184	3,247
2010	3,231	131	3,362	200	3,162	15,975	680	16,655	53	3,393	143	3,536	189	3,346

Note: The peak for Winter 2001 is the actual peak.



Schedule 4 Previous Year Actual and Two Year Forecast of Peak Demand And Net Energy For Load By Month Base Case						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Actual 2000		Forecast 2001		Forecast 2002	
	Peak Demand (MW)	Net Energy For load (GWH)	Peak Demand (MW)	Net Energy For load (GWH)	Peak Demand (MW)	Net Energy For load (GWH)
January	2,478	983	2,666	1,038	2,746	1,073
February	2,141	864	2,421	901	2,493	931
March	1,461	849	2,050	901	2,111	931
April	1,599	812	1,804	875	1,865	905
May	2,238	1,086	2,113	1,038	2,185	1,073
June	2,214	1,118	2,415	1,176	2,496	1,215
July	2,380	1,223	2,534	1,301	2,619	1,344
August	2,304	1,239	2,476	1,313	2,559	1,357
September	2,178	1,054	2,329	1,163	2,407	1,202
October	2,048	956	2,224	982	2,299	1,014
November	2,201	902	1,982	905	2,049	934
December	2,614	1,105	2,350	1,008	2,430	1,041
Total		12,190		12,600		13,019



Schedule 5 Fuel Requirements														
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Fuel Requirements	Type	Units	Actuals 2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
(1)	NUCLEAR		TRILLION BTU	0	0	0	0	0	0	0	0	0	0	0
(2)	COAL		1000 TON	3,322	3,199	2,867	3,009	2,931	2,873	3,126	3,117	3,166	3,280	2,998
	RESIDUAL													
(3)		STEAM	1000 BBL	3,367	4,545	2,582	2,437	1,797	1,350	54	93	170	217	266
(4)		CC	1000 BBL	0	0	0	0	0	0	0	0	0	0	0
(5)		CT	1000 BBL	0	0	0	0	0	0	0	0	0	0	0
(6)		TOTAL:	1000 BBL	3,367	4,545	2,582	2,437	1,797	1,350	54	93	170	217	266
	DISTILLATE													
(7)		STEAM	1000 BBL	28	19	25	20	24	21	23	23	21	22	26
(8)		CC	1000 BBL	0	0	0	0	0	0	0	0	0	0	0
(9)		CT	1000 BBL	316	87	9	19	34	19	43	7	20	39	25
(10)		TOTAL:	1000 BBL	344	106	34	38	58	41	66	30	41	61	51
	NATURAL GAS													
(11)		STEAM	1000 MCF	10,308	4,827	63	77	77	97	8,767	7,984	8,502	8,824	8,367
(12)		CC	1000 MCF	0	0	0	0	9,111	15,895	14,486	19,948	21,122	22,651	21,368
(13)		CT	1000 MCF	1,836	5,234	2,853	3,625	1,512	809	1,215	329	580	806	919
(14)		TOTAL:	1000 MCF	12,144	10,060	2,916	3,702	10,699	16,801	24,469	28,261	30,204	32,281	30,655
	PETROLEUM COKE													
(15)		STEAM	1000 MCF	630	712	1,940	2,198	2,160	2,118	2,180	2,178	2,191	2,190	2,895
(16)		CC	1000 MCF	0	0	0	0	0	0	0	0	0	0	0
(17)		CT	1000 MCF	0	0	0	0	0	0	0	0	0	0	0
(18)		TOTAL:	1000 MCF	630	712	1,940	2,198	2,160	2,118	2,180	2,178	2,191	2,190	2,895
(19)	OTHER (SPECIFY)		TRILLION BTU	24	20	16	12	11	11	11	11	12	12	4

NOTE:
 1. Coal includes 50% SJRPP output, Scherer 4 (200 MW) and Northside Units 1 and 2 Pet. Coke.
 2. Other is JEA's net interchange.



Schedule 6.1 Energy Sources (GWH)														
	(1) Fuel	(2) Type	(3) Units	(4) Actuals										
				(6) 2000	(7) 2001	(8) 2002	(9) 2003	(10) 2004	(11) 2005	(12) 2006	(13) 2007	(14) 2008	(15) 2009	(16) 2010
(1)	Annual Firm Intchange		GWH	(1,723)	(1,302)	(1,253)	(1,864)	(1,838)	(1,825)	(2,092)	(2,045)	(2,036)	(2,153)	(2,636)
(2)	NUCLEAR		GWH	0	0	0	0	0	0	0	0	0	0	0
(3)	COAL		GWH	7,886	7,848	7,064	7,395	7,250	7,057	7,684	7,682	7,796	8,029	7,388
(4)	RESIDUAL		GWH	2,052	2,846	1,573	1,484	1,076	781	35	61	112	143	175
(5)		STEAM	GWH	0	0	0	0	0	0	0	0	0	0	0
(6)		CC	GWH	0	0	0	0	0	0	0	0	0	0	0
(7)		CT	GWH	0	0	0	0	0	0	0	0	0	0	0
(7)		TOTAL:	GWH	2,052	2,846	1,573	1,484	1,076	781	35	61	112	143	175
(8)	DISTILLATE		GWH	0	0	0	0	0	0	0	0	0	0	0
(9)		STEAM	GWH	0	0	0	0	0	0	0	0	0	0	0
(10)		CC	GWH	115	28	3	6	11	6	14	2	6	12	8
(11)		CT	GWH	115	28	3	6	11	6	14	2	6	12	8
(11)		TOTAL	GWH	115	28	3	6	11	6	14	2	6	12	8
(12)	NATURAL GAS		GWH	887	524	0	0	0	0	849	753	815	844	803
(13)		STEAM	GWH	0	0	0	0	1,343	2,350	2,131	2,737	2,888	3,064	2,870
(14)		CC	GWH	172	509	269	348	145	75	115	30	54	77	87
(15)		CT	GWH	1,059	1,033	269	348	1,488	2,425	3,095	3,520	3,756	3,985	3,760
(15)		TOTAL	GWH	1,059	1,033	269	348	1,488	2,425	3,095	3,520	3,756	3,985	3,760
(16)	NUG		GWH	8	0	0	0	0	0	0	0	0	0	0
(17)	HYDRO		GWH	0	0	0	0	0	0	0	0	0	0	0
(18)	PETROLEUM COKE	TOTAL	GWH	1,886	2,065	5,361	6,076	5,887	5,876	6,034	6,008	6,060	6,154	7,953
(19)		STEAM	GWH	1,886	2,065	5,361	6,076	5,887	5,876	6,034	6,008	6,060	6,154	7,953
(20)	OTHER (SPECIFY)		GWH	906	82	2	0	4	0	0	0	0	1	7
(19)	NET ENERGY FOR LOAD		GWH	12,190	12,600	13,019	13,445	13,879	14,320	14,770	15,228	15,695	16,170	16,655

NOTE:

1. Coal includes 50% SJRPP output, Scherer 4 (200 MW) and Northside Units 1 and 2 Pet Coke
2. Other is JEA's net interchange within the state



Schedule 6.2 Energy Sources (Percent)														
	(1) Fuel	(2) Type	(3) Units	(4)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				Actuals 2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
(1)	Annual Firm Interchange		%	-14.1%	-10.3%	-9.6%	-13.9%	-13.2%	-12.7%	-14.2%	-13.4%	-13.0%	-13.3%	-15.8%
(2)	NUCLEAR		%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(3)	COAL		%	64.7%	62.3%	54.3%	55.0%	52.2%	49.3%	52.0%	50.4%	49.7%	49.7%	44.4%
	RESIDUAL													
(4)		STEAM	%	16.8%	22.6%	12.1%	11.0%	7.7%	5.5%	0.2%	0.4%	0.7%	0.9%	1.0%
(5)		CC	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(6)		CT	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(7)		TOTAL:	%	16.8%	22.6%	12.1%	11.0%	7.7%	5.5%	0.2%	0.4%	0.7%	0.9%	1.0%
	DISTILLATE													
(8)		STEAM	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(9)		CC	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(10)		CT	%	0.9%	0.2%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
(11)		TOTAL:	%	0.9%	0.2%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
	NATURAL GAS													
(12)		STEAM	%	7.3%	4.2%	0.0%	0.0%	0.0%	0.0%	5.7%	4.9%	5.2%	5.2%	4.8%
(13)		CC	%	0.0%	0.0%	0.0%	0.0%	9.7%	16.4%	14.4%	18.0%	18.4%	18.9%	17.2%
(14)		CT	%	1.4%	4.0%	2.1%	2.6%	1.0%	0.5%	0.8%	0.2%	0.3%	0.5%	0.5%
(15)		TOTAL:	%	8.7%	8.2%	2.1%	2.6%	10.7%	16.9%	21.0%	23.1%	23.9%	24.6%	22.6%
(16)	NUG		%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(17)	HYDRO		%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(19)	PETROLEUM COKE	TOTAL	%	15.5%	16.4%	41.2%	45.2%	42.4%	41.0%	40.9%	39.5%	38.6%	38.1%	47.7%
(20)														
(18)	OTHER (SPECIFY)		%	7.4%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(19)	NET ENERGY FOR LOAD		%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

NOTE:
 1. Coal includes 50% SJRPP output, Scherer 4 (200 MW) and Northside Units 1 and 2 Pet. Coke.
 2. Other is JEA's net interchange within the state.



Schedule 7											
Forecast of Capacity, Demand, and Scheduled Maintenance at Time Of Peak											
Summer											
Year	Installed Capacity MW	Firm Capacity		QF MW	Available Capacity MW	Firm Peak Demand MW	Reserve Margin Before Maintenance		Scheduled Maintenance MW	Reserve Margin After Maintenance	
		Import MW	Export MW				MW	Percent		MW	Percent
2001	3,023	298	430	0	2,891	2,380	511	21%	0	511	21%
2002	2,975	299	430	0	2,844	2,461	383	16%	0	383	16%
2003	3,240	207	430	0	3,017	2,544	473	19%	0	473	19%
2004	3,477	207	430	0	3,254	2,627	627	24%	0	627	24%
2005	3,430	207	383	0	3,254	2,712	542	20%	0	542	20%
2006	3,430	207	383	0	3,254	2,799	455	16%	0	455	16%
2007	3,725	207	383	0	3,549	2,887	662	23%	0	662	23%
2008	3,725	207	383	0	3,549	2,977	572	19%	0	572	19%
2009	3,725	207	383	0	3,549	3,069	480	16%	0	480	16%
2010	3,975	0	383	0	3,592	3,162	430	14%	0	430	14%
Winter											
Year	Installed Capacity MW	Firm Capacity		QF MW	Available Capacity MW	Firm Peak Demand MW	Reserve Margin Before Maintenance		Scheduled Maintenance MW	Reserve Margin After Maintenance	
		Import MW	Export MW				MW	Percent		MW	Percent
2001	2,828	560	445	0	2,943	2,521	422	17%	0	422	17%
2002	2,930	512	445	0	2,997	2,596	401	15%	0	401	15%
2003	3,460	207	445	0	3,222	2,684	538	20%	0	538	20%
2004	3,016	557	383	0	3,190	2,774	416	15%	0	416	15%
2005	3,650	207	383	0	3,474	2,865	609	21%	0	609	21%
2006	3,650	207	383	0	3,474	2,958	516	17%	0	516	17%
2007	4,002	207	383	0	3,826	3,052	774	25%	0	774	25%
2008	4,002	207	383	0	3,826	3,149	677	22%	0	677	22%
2009	4,002	207	383	0	3,826	3,247	579	18%	0	579	18%
2010	4,252	207	383	0	4,076	3,346	730	22%	0	730	22%
Committed Units:											
1. Brandy Branch CTs 1 and 2 - May 2001 2. Brandy Branch CT 3 - December 2001 3. Northside Unit 1 - Outage for Fuel Conversion - October 2001 4. Northside Unit 2 - April 2002 5. Northside Unit 1 - Summer 2002											



Schedule 8.0																
Planned and Prospective Generating Facility Additions and Changes																
(1)	(2)	(3)	(4)	(5)		(6)		(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Plant Name	Unit	Location	Unit Type	Fuel Type		Fuel Transport		Construction Start Date	Commercial In-Service Date	Expected Retirement	Gen Max Nameplate kW	Net Capability		Status		
				Primary	Alternate	Primary	Alternate					Summer MW	Winter MW			
Brandy Branch	1	Brandy Branch	GT	NG	FO2	PL	TK	10/01/99	05/01/01		195,280	158	191	U		
Brandy Branch	2	Brandy Branch	CT	NG	FO2	PL	TK	10/01/99	05/01/01	10/01/03	195,280	158	191	U		
Southside	4	12-031	ST	NG	FO6	PL	WA			10/01/01	75,000	67	67	R		
Southside	5	12-031	ST	NG	FO6	PL	WA			10/01/01	156,600	142	142	R		
Brandy Branch	3	Brandy Branch	GT	NG	FO2	PL	TK	10/01/99	12/01/01	10/01/03	195,280	158	191	U		
Northside	2	12-031	FC	PC	Coal	WA	WA	09/01/99	04/01/02		297,000	265	265	RP		
Northside	1	12-031	FC	PC	Coal	WA	WA	09/01/99	Summer 2002		297,000	265	265	FC		
Brandy Branch	4	Brandy Branch	CC	NG	FO2	PL	TK		06/01/04			501	573	U		
Combined Cycle		Greenfield	CC	NG	FO2	PL	TK		01/01/07			295	352	P		
CFB		Greenfield	FC	PC	Coal	WA	WA		01/01/10			250	250	P		

Schedule 9.1	
Status Report and Specifications of Proposed Generating Facilities	
(1) Plant Name and Unit Number:	Brandy Branch CTs 1, 2 and 3
(2) Capacity:	<u>Gas</u> <u>Oil</u>
(3) Summer MW	149 MW 158 MW
(4) Winter MW	186 MW 191 MW
(5) Technology Type:	Simple Cycle Combustion Turbine
(6) Anticipated Construction Timing:	
(7) Field Construction Start-date:	12/1999
(8) Commercial In-Service date:	05/2001 Units 1 & 2 12/2001 Unit 3
(9) Fuel	
(10) Primary	Natural Gas
(11) Alternate	Diesel Fuel Oil
(12) Air Pollution Control Strategy:	Low NO _x Burners
(13) Cooling Method:	N/A
(14) Total Site Area:	153 acres
(15) Construction Status:	Initial Phase
(16) Certification Status:	Not Required
(17) Status with Federal Agencies:	Filed
(18) Projected Unit Performance Data:	
(19) Planned Outage Factor (POF):	1.96 percent
(20) Forced Outage Factor (FOF):	2.00 percent
(21) Equivalent Availability Factor (EAF):	96.04 percent
(22) Resulting Capacity Factor (%):	5.0 percent
(23) Average Net Operating Heat Rate (ANOHR):	11,200 Btu/kWh
(24) Projected Unit Financial Data:	
(25) Book Life:	30 years
(26) Total Installed Cost (In-Service year \$/kW):	\$417.10
(27) Direct Construction Cost (\$/kW):	Included in total installed cost
(28) AFUDC Amount (\$/kW):	Included in total installed cost
(29) Escalation (\$/kW):	Included in total installed cost
(30) Fixed O&M (\$/kW-yr):	1.32
(31) Variable O&M (\$/MWh):	11.68



Schedule 9.2 Status Report and Specifications of Proposed Generating Facilities		
(1)	Plant Name and Unit Number:	Northside Units 1 and 2
(2)	Net Capacity:	
(3)	Summer MW	265
(4)	Winter MW	265
(5)	Technology Type:	Circulating Fluidized Bed
(6)	Anticipated Construction Timing:	
(7)	Field Construction Start-date:	08/1999
(8)	Commercial In-Service date:	04/2002 Unit 2 Summer 2002 Unit 1
(9)	Fuel	
(10)	Primary	Petroleum Coke
(11)	Alternate	Coal
(12)	Air Pollution Control Strategy:	CFB with Dry Scrubber, Bag House and SNCR
(13)	Cooling Method:	Once Through Flow
(14)	Total Site Area:	200 acres
(15)	Construction Status:	Active
(16)	Certification Status:	Not Required
(17)	Status with Federal Agencies:	Construction Permit Recieved
(18)	Projected Unit Performance Data:	
(19)	Planned Outage Factor (POF):	7.35 percent
(20)	Forced Outage Factor (FOF):	2.50 percent
(21)	Equivalent Availability Factor (EAF):	90.15 percent
(22)	Resulting Capacity Factor (%):	90.00 percent
(23)	Average Net Operating Heat Rate (ANOHR):	9946 Btu/kWh
(24)	Projected Unit Financial Data:	
(25)	Book Life:	30 years
(26)	Total Installed Cost (In-Service year \$/kW):	
(27)	Direct Construction Cost (\$/kW):	\$1,205
(28)	AFUDC Amount (\$/kW):	Included in direct construction cost
(29)	Escalation (\$/kW):	Included in direct construction cost
(30)	Fixed O&M (\$/kW-yr):	7.07
(31)	Variable O&M (\$/MWh):	1.74

Schedule 10.1 Status Report and Specifications of Proposed Directly Associated Transmission Lines Brandy Branch (Brandy Branch – Duval)		
(1)	Point of Origin and Termination	Brandy Branch - Duval
(2)	Number of Lines	One (1) New Line (Increase Reliability)
(3)	Right of Way	Existing ROW
(4)	Line Length	3.1 Miles
(5)	Voltage	230 kV
(6)	Anticipated Construction Time	19 Months(ISD: October, 2001)
(7)	Anticipated Capital Investment	\$3,000,000
(8)	Substations	Brandy Branch and Duval 230 kV
(9)	Participation with Other Utilities	FPL (at Duval Substation)

Schedule 10.2 Status Report and Specifications of Proposed Directly Associated Transmission Lines Northside (Center Pk-Northside)	
(1) Point of Origin and Termination	Convert Center Pk-Northside to 230 kV
(2) Number of Lines	One (1) line
(3) Right of Way	No new ROW Required
(4) Line Length	11.03 Miles
(5) Voltage	230 kV
(6) Anticipated Construction Time	20 Months (ISD: November, 2002)
(7) Anticipated Capital Investment	\$2,000,000
(8) Substations	Line terminations at Center Pk and Northside Substations
(9) Participation with Other Utilities	None

Schedule 10.3 Status Report and Specifications of Proposed Directly Associated Transmission Lines Northside (New Center Pk-Greenland)	
(1) Point of Origin and Termination	New Center Pk-Greenland 230 kV Line
(2) Number of Lines	One (1) line
(3) Right of Way	New ROW Required
(4) Line Length	19.3 Miles
(5) Voltage	230 kV
(6) Anticipated Construction Time	37 months (ISD: May, 2003)
(7) Anticipated Capital Investment	\$6,000,000
(8) Substations	Line terminations at Center Pk and Greenland Substations
(9) Participation with Other Utilities	None