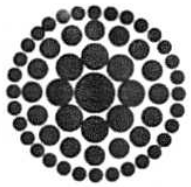

Florida Power
CORPORATION

JAMES P. FAMA
SENIOR COUNSEL

April 26, 1993

Mr. Steve Tribble, Director
Division of Records and Reporting
Florida Public Service Commission
101 E. Gaines Street
Tallahassee, Florida 32399-0870

ACK 7
AFA
APP
CAF
CMU
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EAG
LEG 1
LIN 6 Yes
OPC
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OTH

Re: Application for Determination of Need for an Intrastate Natural Gas Pipeline; Docket #920807-GP

Dear Mr. Tribble:

Enclosed for filing in the above-referenced docket is the original and fifteen copies of the Supplemental Direct Testimony of Florida Power Corporation witness James T. Pollard. Mr. Pollard is adopting the testimony of FPC witness Stephen Watsey that was previously filed in this docket. There are no changes to this testimony except for amending the name, background information and work experience pertinent to Mr. Pollard in place of Mr. Watsey.

Also attached to this supplemental testimony is J. T. Pollard Supplemental Exhibit _____ (JTP-5). An original and fifteen copies are attached to the Supplemental testimony. This exhibit was requested by Staff at the time of Mr. Watsey's deposition. As Mr. Watsey will not be testifying, we will offer this exhibit under Mr. Pollard's sponsorship.

Mr. Pollard will be available for deposition on Monday, May 3, 1993, for questioning regarding this supplemental testimony and Mr. Pollard's rebuttal testimony.

FPSC-BUREAU OF RECORDS

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Thank you for your assistance.

Sincerely,

James P. Fama

JPF/kmj
Enclosure

cc: All Parties

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for Determination of Need for an Intrastate Natural Gas Pipeline by SunShine Pipeline	)))	Docket No. 920807-GP Filed: April 26, 1993

SUPPLEMENTAL DIRECT TESTIMONY OF JAMES T. POLLARD ADOPTING THE PREFILED DIRECT TESTIMONY OF STEPHEN WATSEY

I. INTRODUCTION

Q. Please state your name and business address.

A. My name is James T. Pollard. My business address is Florida Power Corporation, 3201 34th Street South, St. Petersburg, Florida 33711.

Q. Are you the same James T. Pollard who has previously filed direct testimony in this docket?

A. Yes.

Q. What is the purpose of this testimony?

A. The sole purpose of this testimony is to supplement my testimony by adopting the testimony of Florida Power Corporation's witness Stephen Watsey, which was prefiled on April 12, 1993.

Q. Are you familiar with the subject matter of Mr. Watsey's testimony?

A. Yes. I am familiar with why Florida Power's purchase of gas transportation from the SunShine and SITCO projects best meets the needs of Florida Power's customers, having actively participated in negotiating Florida Power's precedent agreements. I also am familiar with the Commission's findings and directives in Florida Power's Polk County need case. I worked on Florida Power's Natural Gas Task Force along with Mr. Watsey. Finally, I am well acquainted with the benefits of pipeline competition.

Q. If you were asked the questions contained in Mr. Watsey's testimony, would you give the same responses that appear therein?

A. Yes.

Q. Do you wish to make any changes to that testimony?

A. Yes. I need to amend the testimony only to the extent necessary to identify a name change and background information to reflect the fact that I am not Mr. Watsey. The revised and adopted testimony of Mr. Watsey has been inserted following this answer.

II. PURPOSE AND OVERVIEW

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my supplemental testimony in this proceeding is to explain why our purchase of gas from the Sunshine Pipeline Project best meets the needs of our customers, and is responsive to the Commission's findings and directions in Docket 910759-EI. Purchase of gas transportation from SunShine will enable us to use clean, abundant natural gas in our system in the most cost-effective manner possible, and will provide additional benefits such as pipeline-to-pipeline competition and enhanced clean air compliance options. To complete the process the Commission set into motion in Docket 910759-EI, we urge the Commission to approve SunShine's request for a Need Certificate.

III. FPC'S DECISION TO PURCHASE FROM A SECOND PIPELINE WAS BASED ON A CAREFUL CONSIDERATION OF SYSTEM NEEDS

Q. Mr. Pollard, what prompted FPC to begin to evaluate gas transportation options?

A. In early 1991, our system planning studies led to a decision that natural gas-fired combined cycle units represented the most cost-effective addition of resources to our system. We also believed that adding natural gas to our fuel mix would provide a number of system wide benefits to our customers.

To assist our system planners, a task force was established to analyze and develop a gas transportation strategy. The purpose of this task force was to examine, in broad terms, the availability of natural gas, our gas transportation options, and the approximate range of likely gas transport costs to the Polk County site.

Q. Why did the task force focus on gas transportation service?

A. Our focus was primarily on gas transport because there was ample evidence that gas supplies would be available in quantities and at prices to meet our requirements in the various producing areas within reasonable proximity to Florida. However, there was not sufficient transportation capacity from those supply areas to accommodate the supplies FPC would require on a firm, reliable basis.

Q. Mr. Pollard, what general benefits does FPC realize for its customers by adding natural gas to its fuel mix?

A. Natural gas is an abundant domestic resource with excellent environmental characteristics. It will facilitate our compliance with the Clean Air Act Amendments of 1990 and many other environmental rules, and is relatively less sensitive to the proposed energy tax. It is available on attractive terms from a variety of producers all over North America.

FPC presently fuels its major generating units almost entirely with coal, oil, and nuclear fuels. While these fuels have proven to be cost-effective in the past, changes in economics, generating technologies, and environmental rules have made natural gas the fuel of choice for additions to many electric systems today. Moreover, in our case the addition of natural gas to our fuel mix will increase the diversity of our fuel sources, which is valuable in and of itself.

Q. Planning studies performed in mid-1991 showed that new natural gas-fired plants would be the most cost-effective additions to the FPC system. Were these the studies that culminated in FPC's application to this Commission for a Certificate of Need to construct the Polk County units?

A. Yes, they were. In August, 1991, we filed our petition with the Commission for permission to construct four 235-MW gas-fired combined cycle power plants at a site in Polk County.

Q. What did FPC's testimony in the Polk County need proceeding say about the supply of natural gas and natural gas transportation?

A. With respect to the availability of natural gas, Section 10 of our Integrated Resource Planning Study [Exhibit 2, Docket 910759-EI] described the abundant quantities of gas available to U.S. consumers, the locations of the major producing areas, the distribution of reserves held by U.S. producers, and a variety of related information. FPC continues to believe that sufficient quantities

of natural gas will be available from producers at reasonable prices for the foreseeable future.

With respect to gas transportation, Exhibit 2, Docket 910759-EI, and Mr. Watsey's testimony in that docket, both described our ongoing evaluation of gas transportation options. We explained that we were looking at three options: (a) An independent pipeline owned by FPC and others; (b) Purchase gas transportation from FGT; and (c) Solicit interest from a pipeline company other than FGT to build a second pipeline into Central Florida.

As Mr. Watsey stated in his testimony from that docket, at that time FPC was evaluating all three options and had not yet reached a firm conclusion as to which option was best for its customers. However, even before our decision was finalized, we recognized that a second major pipeline into Florida would provide substantial benefits not only for us, but for other electric utilities and gas customers all over the state.

One of the factors entering into the evaluation of gas transportation options at the time of the Need case was a parallel evaluation of the conversion of Anclote to gas. Our system planning department was examining this during late 1991. This was indicated in the testimony of Stephen Watsey presented in the Polk County Need proceeding where, if we ultimately determined that it was cost-effective to

convert Anclote to gas, this would add significantly to our gas transportation needs.

Q. What was this Commission's response to FPC's request for a Need Certificate for the four Polk County units?

A. The Commission agreed with us that natural gas-fired combined cycle units at Polk County were the most cost-effective way of meeting our growing customer needs, and issued a Need certificate to us for two 235-MW plants. The Commission's Order also agreed with FPC that the construction of a second pipeline into Florida would provide benefits to the entire state, and that these benefits should be given weight by the Commission. As stated by the Hearing Examiner:

"Florida Power contends, and I agree, that construction of a second natural gas pipeline into peninsular Florida will provide a variety of strategic benefits for the state. While the strategic benefits alone cannot lead to a determination of the need for the proposed power plants, certainly the Commission may consider them in this proceeding. I have so considered them in light of the new pipeline's contribution to fuel diversity for Florida Power and the State, and in light of the lead times associated with construction of the pipeline and the plants." [Order No. 25805, Docket No. 910759-EI, p.40]

Q. In Docket 910759-EI, did the Commission recognize that a Certificate of Need for two, rather than four, Polk County units might affect FPC's transportation options?

A. Yes, it did. The Commission recognized that a reduction in gas load at Polk would reduce the transportation needed by FPC, and thereby affect the possibility of constructing a second pipeline. The Commission expressed a hope that the conversion of Anclote to natural gas, if cost-effective, would provide an additional gas load that might anchor a new pipeline. As stated by the Hearing Examiner:

"A commitment of one or more key shippers to use approximately one-third to one-half of the pipeline capacity is necessary to anchor the new pipeline."... "Anclote plus two Polk units will use approximately half the pipeline capacity, and, therefore, they should act as a strong anchor load." [Order No. 25805, Docket No. 910759-EI, p.41]

Q. Mr. Pollard, what did your Task Force do to complete the evaluation of gas transportation strategies that was under way at the time of the Polk County proceedings?

A. We engaged in many discussions with FGT and other pipeline companies that might have an interest in developing a pipeline into Florida. We also talked to

other Florida electric utilities to determine whether they were interested in jointly developing gas transport options.

Following a disciplined decision analysis process, it was determined that a joint development of an intrastate pipeline including FPC ownership would result in the lowest cost of gas transportation to Polk County. Our analysis of these strategies indicated that FPC would likely obtain substantial cost savings from the pipeline-to-pipeline competition that would result if a second major pipeline was constructed to serve Florida. Our analysis also indicated a serious possibility that the fourth alternative, joint development with a pipeline company, would be best for our system. A key element in making this option attractive was the possibility that the pipeline could be built primarily as an intrastate pipeline, thereby making it subject to regulation by this Commission rather than the FERC.

Q. Mr. Pollard, why does FPC believe that regulation of a second gas pipeline by the FPSC, rather than the FERC, is an important benefit of the SunShine Pipeline?

A. FPC believes that regulation of a second gas pipeline by the Florida Public Service Commission will provide better regulatory oversight than the FERC will provide. The Florida Commission will regulate this pipeline for the benefit of all

gas users in Florida and will be more attuned to the unique needs and characteristics of our state's economy.

Q. What actions did FPC take as a result of its analysis of gas transport strategies?

A. First, we engaged in negotiations with all pipelines that continued to indicate an interest in serving us. We also participated in proposing legislation that would give the Commission the authority to regulate an intrastate pipeline. Two items of legislation, the Natural Gas Transmission Pipeline Siting Act and the Natural Gas Transmission Pipeline Regulatory Act, were signed into law by Governor Chiles on June 24, 1992.

Q. What gas transportation alternatives did your gas transportation task force ultimately develop and evaluate?

A. When FPC began its effort to negotiate an agreement for firm gas transportation service in late 1991, it identified two alternatives: The FGT Phase III project, and the proposed SunCoast Pipeline Project, which was a joint venture of ANR Southern Pipeline Company ("ANR") and United Gas Pipeline Company ("United"). Subsequently the ANR-United joint venture was terminated, and each of ANR and United presented separate offers for service over ANR's SunShine Pipeline Project and United's SunCoast Pipeline Project, respectively. Thus, there were three alternative transporters from which FPC received offers for its

gas transportation service requirements. The service contemplated by each transporter required the construction of new pipeline facilities in order to make the capacity available that FPC requires.

Q. How did FPC evaluate these three gas transport options?

A. Our final response to our strategy analysis was to initiate a full-scale evaluation of the three best transportation service proposals we received as a result of our negotiations. This study concluded that the economic and other characteristics of the transportation service offered by the SunShine Pipeline Project were the most cost-effective and valuable from the standpoint of our customers. I further describe this study in my direct testimony previously filed in this proceeding.

Q. Could you summarize this supplemental testimony, Mr. Pollard?

A. Yes. Increasing the availability of natural gas to FPC is essential if we are to maintain an adequate, cost-effective electric power system for our customers. To obtain the supplies FPC needs, new gas transportation capacity is required. We have carefully considered our gas transportation strategy options and concluded that the SunShine pipeline will provide FPC and its customers with the most cost-effective gas transportation alternative. It will also give other gas users in Florida a much-needed alternative to FGT and enhance Florida's access to gas. As a customer of this new Florida pipeline, we request that the Commission grant SunShine its Certificate of Need.

Q. Did Mr. Watsey's testimony contain any exhibits?

A. No. However, I am supplementing the exhibits already contained in my prefiled testimony with the attached supplemental Exhibit _____ (JTP-5) Gas Fired Megawatts in Florida. This data was requested by Staff at Mr. Watsey's deposition.

Q. Are you familiar with the work papers associated with the preparation of Mr. Watsey's testimony?

A. Yes. Those workpapers have to do with Florida Power's Natural Gas Task Force and with the Polk County need case. As discussed above, I am knowledgeable about both of those matters.

Q. Does this conclude your supplemental testimony?

A. Yes.

Gas Fired Megawatts in Florida

Information about gas fired megawatts in Florida is shown in the Southeastern Electric Reliability Council Coordinated Bulk Power Supply Program 1993 OE-411 Report for the Florida Subregion in item 2-A and 2-AQ. A copy of these items is attached, along with the report cover page and two pages of abbreviations.

The total gas fired megawatts in Florida is determined by adding the Net Capabilities for all units who's Primary Fuel Type is Natural Gas (NG). For the 1993 report, this value is 9,227 MW for summer and 9,582 MW for winter.

SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

FLORIDA SUBREGION

COORDINATED BULK POWER SUPPLY PROGRAM

Florida Keys Electric Cooperative Association, Inc.
Florida Municipal Power Agency
Florida Power Corporation
Florida Power & Light Company
Fort Pierce Utilities Authority
Gainesville Regional Utilities
City of Homestead
Jacksonville Electric Authority
Utility Board of the City of Key West
Kissimmee Utility Authority
City of Lake Worth Utilities
City of Lakeland
City of Ocala
Utilities Commission of New Smyrna Beach
Orlando Utilities Commission
Reedy Creek Improvement District
Seminole Electric Cooperative, Inc.
City of St. Cloud
City of Starke
City of Tallahassee
Tampa Electric Company
City of Vero Beach
City of Wauchula

1993-2002

March 16, 1993

Prepared by the Florida Electric Power Coordinating Group, Inc.

SERC
FLORIDA SUBREGION

IDENTIFICATION OF REPORTING PARTIES

Reporting Party Code	Utility Systems Comprising Reporting Party
FKEC	Florida Keys Electric Cooperative Association, Inc.
FLPC	Florida Power Corporation
FLPL	Florida Power & Light Company
FMPA	Florida Municipal Power Agency
FOPC	Fort Pierce Utilities Authority
GAMW	Gainesville Regional Utilities
HSTM	City of Homestead
JACO	Jacksonville Electric Authority
KEYW	Utility Board of the City of Key West
KUAM	Kissimmee Utility Authority
CLWU	City of Lake Worth Utilities
LALW	City of Lakeland
NSBM	Utilities Commission of New Smyrna Beach
OCAL	City of Ocala
ORLA	Orlando Utilities Commission
RCID	Reedy Creek Improvement District
STCM	City of St. Cloud
SECI	Seminole Electric Cooperative, Inc.
STKE	City of Starke
TALL	City of Tallahassee
TAEC	Tampa Electric Company
VEBM	City of Vero Beach
WAUC	City of Wauchula

UNIT TYPE ABBREVIATIONS

CC = Combined Cycle
CCT = Combined-Cycle: Combustion Turbine Portion/ Steam Portion - Auxiliary Fired
CCW = Combined-Cycle: Combustion Turbine Portion/ Steam Portion - Waste Heat Only
CW = Combined Cycle, Waste Heat
COG = Cogeneration Facility
GT = Combustion Turbine (Gas Turbine)
HY = Hydro
IC = Internal Combustion
IGCC = Integrated Coal Gasification
NP = Nuclear Power
SPP = Small Power Producer
SSG = Self Service Generation
ST = Steam Turbine/Non-Nuclear
UN = Unknown

FUEL TYPE ABBREVIATIONS

ALT = Alternate Fuel
BIO = Biomass
BIT = Bituminous Coal
C = Coal
F02 = No. 2 Fuel Oil (Distillate)
F06 = No. 6 Fuel Oil (Heavy)
LG = Landfill Gas
MSW = Municipal Solid Waste
NG = Natural Gas
PG = Propane Gas
PT = Peat
SW = Solid Waste
UN = Unknown
UR = Uranium
WAT = Water
WH = Waste Heat

FUEL TRANSPORTATION ABBREVIATIONS

PL = Pipeline
RR = Railroad
TK = Truck
UN = Unknown.
WA = Water Transportation

FUTURE UNIT STATUS ABBREVIATIONS

P = Planned
L = Regulatory approval pending; not under construction
U = Under Construction, less than 50% complete.
V = Under Construction, more than 50% complete.
T = Regulatory Approval received, but not under construction.
A = Capability Increase
D = Capability Decrease
M = Inactive Reserve
S = Reactivated from M
R = Permanently Removed
RP = Repowering
C = Conversion from oil to coal.
G = Conversion from oil to natural gas.
O = Conversion to alternate fuel.

ITEM 2-A

SERC
FLORIDA SUBREGION

EXISTING GENERATING CAPABILITY
(AS OF JANUARY 1, 1993)

SYSTEM	STATION NAME AND UNIT NO.		LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP. METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02		03	04	05	06	07	08	09	10	11
FKEC	MARATHON	1-7	12-087	IC	18	18	FO2	TK	FO6	TK	
FMPA	ST. LUCIE	2	12-111	NP	74	75	UR	TK	–	–	1
FMPA	STANTON ENERGY CTR.	1	12-095	ST	111	111	BIT	RR	–	–	2
FMPA	INDIAN RIVER	CT-A,B	12-009	GT	29	37	NG	PL	FO2	WA	6
FMPA	INDIAN RIVER	CT-C,D	12-009	GT	46	50	NG	PL	FO2	WA	8
	TOTAL				260	273					
FLPC	ANCLOTE	1	12-101	ST	503	517	FO6	PL	–	–	
FLPC	ANCLOTE	2	12-101	ST	503	517	FO6	PL	–	–	
FLPC	AVON PARK	P1-2	12-055	GT	44	60	FO2	TK	–	–	
FLPC	BARTOW	1	12-103	ST	112	113	FO6	WA	–	–	
FLPC	BARTOW	2	12-103	ST	117	119	FO6	WA	–	–	
FLPC	BARTOW	3	12-103	ST	210	215	FO6	WA	NG	PL	
FLPC	BARTOW	P1-4	12-103	GT	176	212	FO2	WA	–	–	
FLPC	BAYBORO	P1-4	12-103	GT	172	216	FO2	WA	–	–	
FLPC	CRYSTAL RIVER	1	12-017	ST	372	373	BIT	WA,RR	–	–	
FLPC	CRYSTAL RIVER	2	12-017	ST	468	469	BIT	WA,RR	–	–	
FLPC	CRYSTAL RIVER	3	12-017	NP	738	751	UR	TK	–	–	3
FLPC	CRYSTAL RIVER	4	12-017	ST	697	717	BIT	WA,RR	–	–	
FLPC	CRYSTAL RIVER	5	12-017	ST	697	717	BIT	WA,RR	–	–	
FLPC	DEBARY	P1-6	12-127	GT	294	354	FO2	TK,RR	–	–	
FLPC	DEBARY	P7-10	12-127	GT	304	364	FO2	TK,RR	–	–	
FLPC	HIGGINS	1	12-103	ST	39	40	FO6	WA	NG	PL	
FLPC	HIGGINS	2	12-103	ST	41	42	FO6	WA	NG	PL	
FLPC	HIGGINS	3	12-103	ST	39	41	FO6	WA	–	–	
FLPC	HIGGINS	P1-2	12-103	GT	44	60	FO2	WA	–	–	
FLPC	HIGGINS	P3-4	12-103	GT	52	66	FO2	WA	–	–	
FLPC	INTERCESSION	P1-6	12-097	GT	276	342	FO2	PL	–	–	
FLPC	PORT ST. JOE	P1	12-045	GT	13	16	FO2	TK	–	–	
FLPC	RIO PINAR	P1	12-095	GT	13	16	FO2	TK	–	–	
FLPC	SUWANEE RIVER	1	12-121	ST	33	34	FO6	TK	NG	PL	
FLPC	SUWANEE RIVER	2	12-121	ST	32	33	FO6	TK	NG	PL	
FLPC	SUWANEE RIVER	3	12-121	ST	80	80	FO6	TK	NG	PL	
FLPC	SUWANEE RIVER	P1-3	12-121	GT	153	189	FO2	TK	–	–	
FLPC	TURNER	3	12-127	ST	70	72	FO6	TK,WA	NG	PL	
FLPC	TURNER	4	12-127	ST	71	73	FO6	TK,WA	NG	PL	
FLPC	TURNER	P1-2	12-127	GT	26	32	FO2	TK,WA	–	–	
FLPC	TURNER	P3-4	12-127	GT	122	152	FO2	TK,WA	–	–	
	TOTAL				6511	7002					

ITEM 2-A

SERC
FLORIDA SUBREGION

EXISTING GENERATING CAPABILITY
(AS OF JANUARY 1, 1993)

SYSTEM	STATION NAME AND UNIT NO.	LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP. METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02	03	04	05	06	07	08	09	10	11
FLPL	CAPE CANAVERAL 1	12-009	ST	367	370	FO6	WA	NG	PL	
FLPL	CAPE CANAVERAL 2	12-009	ST	367	370	FO6	WA	NG	PL	
FLPL	CUTLER 5	12-025	ST	67	68	NG	PL	–	–	
FLPL	CUTLER 6	12-025	ST	140	140	NG	PL	–	–	
FLPL	FT. LAUDERDALE 4	12-011	ST	137	138	NG	PL	FO6	TK	
FLPL	FT. LAUDERDALE 5	12-011	ST	137	138	NG	PL	FO6	TK	
FLPL	FT. LAUDERDALE 1-12	12-011	GT	426	486	NG	PL	FO2	PL	
FLPL	FT. LAUDERDALE 13-24	12-011	GT	426	486	NG	PL	FO2	PL	
FLPL	FT. MYERS 1	12-071	ST	137	138	FO6	WA	–	–	
FLPL	FT. MYERS 2	12-071	ST	367	370	FO6	WA	–	–	
FLPL	FT. MYERS 1-12	12-071	GT	618	756	FO2	WA	–	–	
FLPL	MANATEE 1	12-081	ST	783	790	FO6	WA	–	–	
FLPL	MANATEE 2	12-081	ST	783	790	FO6	WA	–	–	
FLPL	MARTIN 1	12-085	ST	783	790	NG	PL	FO6	PL	
FLPL	MARTIN 2	12-085	ST	783	790	NG	PL	FO6	PL	
FLPL	PORT EVERGLADES 1	12-011	ST	204	205	NG	PL	FO6	WA	
FLPL	PORT EVERGLADES 2	12-011	ST	204	205	NG	PL	FO6	WA	
FLPL	PORT EVERGLADES 3	12-011	ST	367	369	NG	PL	FO6	WA	
FLPL	PORT EVERGLADES 4	12-011	ST	367	369	NG	PL	FO6	WA	
FLPL	PORT EVERGLADES 1-12	12-011	GT	426	486	NG	PL	FO2	WA	
FLPL	PUTNAM 1	12-107	CC	239	250	NG	PL	FO2	WA	
FLPL	PUTNAM 2	12-107	CC	239	250	NG	PL	FO2	WA	
FLPL	RIVIERA 3	12-099	ST	272	274	FO6	WA	NG	PL	
FLPL	RIVIERA 4	12-099	ST	272	274	FO6	WA	NG	PL	
FLPL	SANFORD 3	12-127	ST	137	139	FO6	WA	NG	PL	
FLPL	SANFORD 4	12-127	ST	362	366	NG	PL	FO6	PL	
FLPL	SANFORD 5	12-127	ST	362	366	FO6	WA	–	–	
FLPL	SCHERER 4	13-207	ST	150	150	BIT	RR	–	–	7
FLPL	ST. JOHNS RIVER 1	12-031	ST	125	125	BIT	RR	–	–	4
FLPL	ST. JOHNS RIVER 2	12-031	ST	125	125	BIT	RR	–	–	4
FLPL	ST. LUCIE 1	12-111	NP	839	853	UR	TK	–	–	
FLPL	ST. LUCIE 2	12-111	NP	714	726	UR	TK	–	–	1
FLPL	TURKEY POINT 1	12-025	ST	367	370	FO6	WA	NG	PL	
FLPL	TURKEY POINT 2	12-025	ST	367	370	FO6	WA	NG	PL	
FLPL	TURKEY POINT 3	12-025	NP	666	688	UR	TK	–	–	
FLPL	TURKEY POINT 4	12-025	NP	666	688	UR	TK	–	–	
FLPL	TURKEY POINT 1-5	12-025	IC	14	14	FO2	TK	–	–	
	TOTAL			13805	14282					

ITEM 2-A

EXISTING GENERATING CAPABILITY
(AS OF JANUARY 1, 1993)

SERC
FLORIDA SUBREGION

SYSTEM	STATION NAME AND UNIT NO.		LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP. METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02		03	04	05	06	07	08	09	10	11
FOPC	H. D. KING	1-2	12-111	IC	5	5	FO2	TK	–	–	
FOPC	H. D. KING	5	12-111	CW	8	8	WH	–	–	–	
FOPC	H. D. KING	7	12-111	ST	32	32	NG	PL	FO6	TK	
FOPC	H. D. KING	8	12-111	ST	50	50	NG	PL	FO6	TK	
FOPC	H. D. KING	9	12-111	GT	23	23	NG	PL	FO2	TK	
	TOTAL				118	118					
GAMW	CRYSTAL RIVER	3	12-017	NP	11	11	UR	TK	–	–	3
GAMW	DEERHAVEN	1	12-001	GT	18	20	NG	PL	FO2	TK	
GAMW	DEERHAVEN	1	12-001	ST	81	81	NG	PL	FO6	TK	
GAMW	DEERHAVEN	2	12-001	ST	218	218	BIT	RR	–	–	
GAMW	DEERHAVEN	2	12-001	GT	18	20	NG	PL	FO2	TK	
GAMW	J. R. KELLY	1-3	12-001	GT	42	45	NG	PL	FO2	TK	
GAMW	J. R. KELLY	6	12-001	ST	0	0	NG	PL	FO6	TK	M
GAMW	J. R. KELLY	7	12-001	ST	20	20	NG	PL	FO6	TK	
GAMW	J. R. KELLY	8	12-001	ST	44	46	NG	PL	FO6	TK	
	TOTAL				452	461					
HSTM	G. W. IVEY	2-3	12-025	IC	4	4	NG	PL	FO2	TK	
HSTM	G. W. IVEY	8	12-025	IC	2	2	NG	PL	FO2	TK	
HSTM	G. W. IVEY	9-10	12-025	IC	4	4	NG	PL	FO2	TK	
HSTM	G. W. IVEY	11-12	12-025	IC	6	6	NG	PL	FO2	TK	
HSTM	G. W. IVEY	13-17	12-025	IC	9	9	NG	PL	FO2	TK	
HSTM	G. W. IVEY	18-19	12-025	IC	15	15	NG	PL	FO2	TK	
HSTM	G. W. IVEY	20-21	12-025	IC	12	12	NG	PL	FO2	TK	
	TOTAL				52	52					
JACO	KENNEDY	10	12-031	ST	129	129	NG	PL	FO6	WA	
JACO	KENNEDY	4	12-031	GT	0	0	FO2	WA	–	TK	M
JACO	KENNEDY	3&5	12-031	GT	108	126	FO2	WA	–	TK	
JACO	KENNEDY	8	12-031	ST	0	0	FO6	WA	–	–	M
JACO	KENNEDY	9	12-031	ST	0	0	NG	PL	FO6	WA	M
JACO	NORTHSIDE	1	12-031	ST	262	262	NG	WA	FO6	–	
JACO	NORTHSIDE	3	12-031	ST	499	499	NG	PL	FO6	WA	
JACO	NORTHSIDE	3-6	12-031	GT	208	246	FO2	WA	–	TK	
JACO	NORTHSIDE	2	12-031	ST	0	0	FO6	WA	–	–	M
JACO	SCHERER	4	13-207	ST	150	150	BIT	RR	–	–	7
JACO	SOUTHSIDE	4	12-031	ST	67	67	NG	PL	FO6	WA	
JACO	SOUTHSIDE	5	12-031	ST	142	142	NG	PL	FO6	WA	
JACO	SOUTHSIDE	3	12-031	ST	0	0	FO6	WA	–	–	M
JACO	ST. JOHNS RIVER	1	12-031	ST	499	501	BIT	RR,WA	–	–	4
JACO	ST. JOHNS RIVER	2	12-031	ST	499	501	BIT	RR,WA	–	–	4
	TOTAL				2563	2623					

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SYSTEM	STATION NAME AND UNIT NO.	LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02	03	04	05	06	07	08	09	10	11
KEYW	KEY WEST 1	12-087	GT	20	20	FO2	WA	–	–	
KEYW	STOCK ISLAND 1	12-087	ST	36	36	FO6	WA	–	–	
KEYW	STOCK ISLAND 1-3	12-087	IC	6	6	FO2	TK	–	–	
KEYW	CUDJOE 2-3	12-087	IC	5	5	FO2	TK	–	–	
KEYW	BIG PINE 1	12-087	IC	3	3	FO2	TK	–	–	
KEYW	MEDIUM SPEED DIESEL 1-2	12-087	IC	17	17	FO2	TK	–	–	
	TOTAL			87	87					
KUAM	CRYSTAL RIVER 3	12-017	NP	5	5	UR	TK	–	–	3
KUAM	HANSEL 21	12-097	CT	40	44	NG	PL	–	–	
KUAM	HANSEL 8	12-097	IC	3	3	NG	PL	FO2	PL	
KUAM	HANSEL 14-18	12-097	IC	11	11	NG	PL	FO2	PL	
KUAM	HANSEL 19-20	12-097	IC	5	5	FO2	PL	–	–	
KUAM	STANTON ENERGY CTR. 1	12-095	ST	20	20	BIT	RR	–	–	2
KUAM	INDIAN RIVER CT-A,B	12-009	GT	10	12	NG	PL	FO2	–	6
	TOTAL			94	100					
LALW	LARSEN 4	12-105	ST	19	20	NG	PL	FO6	TK	
LALW	LARSEN 6	12-105	ST	25	26	NG	PL	FO6	TK	
LALW	LARSEN 7	12-105	ST	50	52	NG	PL	FO6	TK	
LALW	LARSEN 1-3	12-105	GT	30	33	NG	PL	FO2	TK	
LALW	LARSEN 8ST	12-105	CW	25	26	WH	PL	NA	–	
LALW	LARSEN 8CT	12-105	CT	78	87	NG	PL	FO2	TK	
LALW	MCINTOSH 1	12-105	ST	87	89	NG	PL	FO6	TK	
LALW	MCINTOSH 1	12-105	GT	19	23	NG	PL	FO2	TK	
LALW	MCINTOSH 2	12-105	ST	100	102	NG	PL	FO6	TK	
LALW	MCINTOSH 3	12-105	ST	199	204	BIT	RR	FO6	TK	5
LALW	MCINTOSH 1-2	12-105	IC	6	6	FO2	TK	NA	–	
	TOTAL			638	668					
CLWU	TOM G. SMITH S-1	12-099	ST	7	8	NG	PL	FO6	TK	
CLWU	TOM G. SMITH S-3	12-099	ST	22	24	NG	PL	FO6	TK	
CLWU	TOM G. SMITH S-4	12-099	ST	32	33	NG	PL	FO6	TK	
CLWU	TOM G. SMITH S-5	12-099	CW	9	9	WH	–	–	–	
CLWU	TOM G. SMITH GT-1	12-099	GT	26	31	FO2	TK	–	–	
CLWU	TOM G. SMITH GT-2	12-099	CCW	21	23	NG	PL	FO2	TK	
CLWU	TOM G. SMITH MU1-5	12-099	IC	9	10	FO2	TK	–	–	
	TOTAL			126	138					

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SYSTEM	STATION NAME AND UNIT NO.		LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP. METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02		03	04	05	06	07	08	09	10	11
NSBM	CRYSTAL RIVER	3	12-017	NP	4	4	UR	TK	–	–	3
NSBM	GLENCOE ROAD	1	12-127	IC	1	1	FO2	TK	–	–	
NSBM	SMITH STREET	3	12-127	IC	1	1	FO2	TK	–	–	
NSBM	SMITH STREET	4	12-127	IC	1	1	FO2	TK	–	–	
NSBM	SMITH STREET	6	12-127	IC	2	2	FO2	TK	–	–	
NSBM	SMITH STREET	7	12-127	IC	2	2	FO2	TK	–	–	
NSBM	SMITH STREET	8	12-127	IC	1	1	FO2	TK	–	–	
NSBM	SMITH STREET	9-11	12-127	IC	6	6	FO2	TK	–	–	
NSBM	SWOOPE STATION	2	12-127	IC	1	1	NG	PL	FO2	TK	
NSBM	SWOOPE STATION	3-4	12-127	IC	4	4	NG	PL	FO2	TK	
NSBM	NORTH CAUSEWAY	1	12-127	IC	1	1	FO2	TK	–	–	
	TOTAL				24	24					
OCAL	CRYSTAL RIVER	3	12-017	NP	11	11	UR	TK	–	–	3
ORLA	CRYSTAL RIVER	3	12-017	NP	13	13	UR	TK	–	–	3
ORLA	INDIAN RIVER	1	12-009	ST	88	90	NG	PL	FO6	WA	
ORLA	INDIAN RIVER	2	12-009	ST	201	205	NG	PL	FO6	WA	
ORLA	INDIAN RIVER	3	12-009	ST	319	324	NG	PL	FO6	WA	
ORLA	INDIAN RIVER	CT-A,B	12-009	GT	36	46	NG	PL	FO2	TK	6
ORLA	INDIAN RIVER	CT-C,D	12-009	GT	170	186	NG	PL	FO2	TK	8
ORLA	MCINTOSH	3	12-105	ST	133	136	BIT	RR	FO6	TK	5
ORLA	ST. LUCIE	2	12-111	NP	51	52	UR	TK	–	–	1
ORLA	STANTON ENERGY CTR.	1	12-095	ST	301	302	BIT	RR	–	–	2
	TOTAL				1312	1354					
RCID	RCID	1	12-095	OT	31	33	NG	PL	FO2	TK	
SECI	CRYSTAL RIVER	3	12-017	NP	13	14	UR	TK	–	–	3
SECI	SEMINOLE	1-2	12-107	ST	1230	1230	BIT	WA,RR	–	–	
	TOTAL				1243	1244					
STCM	ST. CLOUD	1	12-097	IC	2	2	NG	PL	FO2	TK	
STCM	ST. CLOUD	2	12-097	IC	5	5	NG	PL	FO2	TK	
STCM	ST. CLOUD	3	12-097	IC	2	2	NG	PL	FO2	TK	
STCM	ST. CLOUD	4	12-097	IC	3	3	NG	PL	FO2	TK	
STCM	ST. CLOUD	6	12-097	IC	3	3	NG	PL	FO2	TK	
STCM	ST. CLOUD	7	12-097	IC	6	6	NG	PL	FO2	TK	
STCM	ST. CLOUD	8	12-097	IC	6	6	NG	PL	FO2	TK	
	TOTAL				27	27					

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EXISTING GENERATING CAPABILITY
(AS OF JANUARY 1, 1993)

SYSTEM	STATION NAME AND UNIT NO.	LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP. METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02	03	04	05	06	07	08	09	10	11
STKE	STARKE 7	12-007	IC	1	1	FO2	TK	–	–	
STKE	STARKE 1-6	12-007	IC	7	7	NG	PL	FO2	TK	
	TOTAL			8	8					
TALL	A. B. HOPKINS 1	12-073	ST	76	80	NG	PL	FO6	TK	
TALL	A. B. HOPKINS 2	12-073	ST	238	248	NG	PL	FO6	TK	
TALL	A. B. HOPKINS GT-1	12-073	GT	12	14	NG	PL	FO2	TK	
TALL	A. B. HOPKINS GT-2	12-073	GT	24	26	NG	PL	FO2	TK	
TALL	CRYSTAL RIVER 3	12-017	NP	11	11	UR	TK	UR	TK	3
TALL	C. H. CORN HYDRO 1	12-073	HY	4	4	WAT	WA	WAT	WA	
TALL	C. H. CORN HYDRO 2	12-073	HY	4	4	WAT	WA	WAT	WA	
TALL	C. H. CORN HYDRO 3	12-073	HY	3	3	WAT	WA	WAT	WA	
TALL	SAM PURDOM 5	12-129	ST	23	24	NG	PL	FO6	WA	
TALL	SAM PURDOM 6	12-129	ST	23	24	NG	PL	FO6	WA	
TALL	SAM PURDOM 7	12-129	ST	48	50	NG	PL	FO6	WA	
TALL	SAM PURDOM GT-1	12-129	GT	12	12	NG	PL	FO2	TK	
TALL	SAM PURDOM GT-2	12-129	GT	12	12	NG	PL	FO2	TK	
TALL	SAM PURDOM 1-2	12-129	ST	0	0	NG	PL	FO6	WA	M
TALL	SAM PURDOM 3	12-129	ST	0	0	NG	PL	FO6	WA	M
TALL	SAM PURDOM 4	12-129	ST	0	0	NG	PL	FO6	WA	M
	TOTAL			490	512					
TAEC	BIG BEND 1	12-057	ST	406	406	BIT	WA	–	–	
TAEC	BIG BEND 2	12-057	ST	407	407	BIT	WA	–	–	
TAEC	BIG BEND 3	12-057	ST	426	430	BIT	WA	–	–	
TAEC	BIG BEND 4	12-057	ST	441	446	BIT	WA	–	–	
TAEC	BIG BEND CT-1	12-057	GT	15	17	FO2	WA	–	–	
TAEC	BIG BEND CT-2	12-057	GT	65	80	FO2	WA	–	–	
TAEC	BIG BEND CT-3	12-057	GT	65	80	FO2	WA	–	–	
TAEC	DINNER LAKE 1	12-055	ST	11	11	NG	PL	FO6	TK	
TAEC	GANNON 1	12-057	ST	119	119	BIT	WA	–	RR	
TAEC	GANNON 2	12-057	ST	119	119	BIT	WA	–	RR	
TAEC	GANNON 3	12-057	ST	155	155	BIT	WA	–	RR	
TAEC	GANNON 4	12-057	ST	189	189	BIT	WA	–	RR	
TAEC	GANNON 5	12-057	ST	227	227	BIT	WA	–	RR	
TAEC	GANNON 6	12-057	ST	363	363	BIT	WA	–	RR	
TAEC	GANNON CT-1	12-057	GT	15	17	FO2	WA	–	–	
TAEC	HOOKERS POINT 1-3	12-057	ST	96	102	FO6	WA	–	–	
TAEC	HOOKERS POINT 4	12-057	ST	41	43	FO6	WA	–	–	
TAEC	HOOKERS POINT 5	12-057	ST	67	67	FO6	WA	–	–	
TAEC	PHILLIPS PLANT 1-2	12-055	IC	34	34	FO6	TK	–	–	
TAEC	PHILLIPS PLANT HRSG	12-055	CW	3	3	WH	–	–	–	
	TOTAL			3264	3315					

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FLORIDA SUBREGION

EXISTING GENERATING CAPABILITY
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SYSTEM	STATION NAME AND UNIT NO.		LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP. METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02		03	04	05	06	07	08	09	10	11
VEBM	DIESEL PLANT	1-6	12-061	IC	13	13	FO2	TK	–	–	
VEBM	MUNICIPAL PLANT	1	12-061	ST	13	13	NG	PL	FO6	TK	
VEBM	MUNICIPAL PLANT	2	12-061	CA	17	17	NG	PL	FO6	TK	
VEBM	MUNICIPAL PLANT	3	12-061	ST	33	33	NG	PL	FO6	TK	
VEBM	MUNICIPAL PLANT	4	12-061	ST	56	56	NG	PL	FO6	TK	
VEBM	MUNICIPAL PLANT	5	12-061	CT	35	43	NG	PL	FO2	TK	
	TOTAL				167	175					
WAUC	MUNICIPAL PLANT	1	12-049	IC	1	1	FO2	TK	–	–	
WAUC	MUNICIPAL PLANT	2	12-049	IC	1	1	FO2	TK	–	–	
WAUC	MUNICIPAL PLANT	3	12-049	IC	1	1	FO2	TK	–	–	
WAUC	MUNICIPAL PLANT	4	12-049	IC	2	2	FO2	TK	–	–	
WAUC	MUNICIPAL PLANT	5	12-049	IC	2	2	FO2	TK	–	–	
	TOTAL				7	7					

NOTES:

(1) TOTAL CAPABILITY: 839/853 MW; 74/75 MW OWNED BY FMPA, 51/52 MW OWNED BY ORLA AND 714/726 MW OWNED BY FLPL.

(2) TOTAL CAPABILITY: 439/440 MW; 301/302 MW OWNED BY ORLA, 117/117 MW BY FMPA AND 21/21 MW BY KISM.

(3) TOTAL CAPABILITY: 816/830 MW; 82/83 MW OWNED BY VARIOUS MUNICIPALS AND REA UTILITIES AND 747/760 MW OWNED BY FLPC.

(4) TOTAL CAPABILITY: 624/626 MW; 499/501 MW OWNED BY JACO AND 125/125 MW OWNED BY FLPL.

(5) TOTAL CAPABILITY: 332/340 MW; 199/204 MW OWNED BY LALW AND 133/136 MW OWNED BY ORLA.

(6) TOTAL CAPABILITY: 74/96 MW; 36/46 MW OWNED BY ORLA, 29/37 MW OWNED BY FMPA AND 10/12 MW OWNED BY KISM.

(7) TOTAL CAPABILITY: 846/846 MW; 150/150 MW OWNED BY JACO, 150/150 MW OWNED BY FLPL, AND 546/546 MW OWNED BY GEORGIA POWER COMPANY.

(8) TOTAL CAPABILITY: 216/236 MW; 170/186 MW OWNED BY ORLA AND 46/50 MW OWNED BY FMPA.

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*EXISTING NON-UTILITY FACILITIES

FLORIDA SUBREGION

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SYSTEM	STATION NAME AND UNIT NO.		LOCATION	UNIT TYPE	NET CAPABILITY-MW SUMMER	NET CAPABILITY-MW WINTER	PRIMARY FUEL FUEL TYPE	PRIMARY FUEL TRANSP. METHOD	ALTERNATE FUEL FUEL TYPE	ALTERNATE FUEL TRANSP. METHOD	NOTES
01	02		03	04	05	06	07	08	09	10	11
FLPC	BAY COUNTY RES. REC.	1	12-005	SPP	11	11	SW	–	–	–	
FLPC	DADE COUNTY RES. REC.	1	12-025	SPP	43	43	SW	–	–	–	
FLPC	SEMINOLE FERTILIZER	2	12-105	COG	25	25	WH	–	NG	–	
FLPC	TIMBER ENERGY	1	12-077	SPP	13	13	BIO	–	–	–	
FLPL	BIO-ENERGY PARTNERS	1	12-011	SPP	10	10	LG	–	–	–	
FLPL	BROWARD RES. REC.-NO.	1	12-011	SPP	52	52	SW	–	–	–	
FLPL	BROWARD RES. REC.-SO.	1	12-011	SPP	52	52	SW	–	–	–	
FLPL	FLORIDA CRUSHED STONE	1	12-011	COG	110	110	C	–	–	–	
FLPL	ROYSTER COMPANY	1	12-011	COG	8	8	WH	–	–	–	
FLPL	PALM BEACH SW AUTHORITY	1	12-011	SPP	42	42	SW	–	–	–	
SECI	HARDEE POWER STATION	1	12-049	CC	220	220	NG	–	FO2	–	
SECI	HARDEE POWER STATION	2	12-049	GT	75	75	NG	–	FO2	–	
TAEC	CITY OF TAMPA REFUSE	1	12-057	SPP	16	16	SW	–	–	–	
TAEC	HILLSBOROUGH CTY. REF.	1	12-057	SPP	23	23	SW	–	–	–	
	GRAND TOTAL				700	700					

* THIS LIST PERTAINS TO THE NON-UTILITY FACILITIES HAVING FIRM CONTRACTS WITH THE UTILITIES.