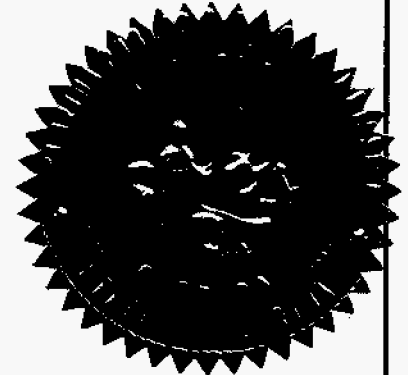


BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 050145-EI

In the Matter of

PETITION FOR DETERMINATION OF NEED FOR
ST. JOHNS-PELLICER-PRINGLE 230 KV
TRANSMISSION LINE, BY FLORIDA POWER
& LIGHT COMPANY.



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PROCEEDINGS: HEARING

BEFORE: CHAIRMAN BRAULIO L. BAEZ
COMMISSIONER J. TERRY DEASON
COMMISSIONER RUDOLPH "RUDY" BRADLEY
COMMISSIONER CHARLES M. DAVIDSON
COMMISSIONER LISA POLAK EDGAR

DATE: Monday, May 9, 2005

TIME: Commenced at 9:30 a.m.
Concluded at 9:40 a.m.

PLACE: Betty Easley Conference Center
Room 148
4075 Esplanade Way
Tallahassee, Florida

REPORTED BY: JANE FAUROT, RPR
Chief, Office of Hearing Reporter Services
FPSC Division of Commission Clerk and
Administrative Services
(850) 413-6732

DOCUMENT NUMBER-DATE

04580 MAY 11 08

1 APPEARANCES:

2 KENNETH HOFFMAN, ESQUIRE, Rutledge Law Firm, P.O. Box
3 551, Tallahassee, Florida 32302-0551, appearing on behalf of
4 Florida Power & Light Company.

5 GARSON R. KNAPP, ESQUIRE, Florida Power & Light
6 Company, 700 Universe Blvd., Juno Beach, Florida 33408-0420,
7 appearing on behalf of Florida Power & Light Company.

8 MARTHA BROWN, ESQUIRE, FPSC General Counsel's Office,
9 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850,
10 appearing on behalf of the Commission Staff.

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I N D E X

WITNESSES

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NAME:

PAGE NO.

VICENTE ORDAX, JR.

Prefiled Direct Testimony Inserted

7

EXHIBITS

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| 1 | Affidavits of Publication |
| 2 | VO-1, Exhibit A to Need Determination Petition |

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P R O C E E D I N G S

1
2 CHAIRMAN BAEZ: Let's go on the record and call the
3 hearing to order.

4 Counsel, will you read the notice.

5 MS. BROWN: By notice issued March 30th, 2005, the
6 Commission scheduled this time and place for an administrative
7 hearing in Docket Number 050145-EI, in re, petition for
8 determination of need for St. Johns-Pellicer-Pringle 230 kV
9 transmission line by Florida Power and Light Company. The
10 purpose of the hearing is described in the notice.

11 CHAIRMAN BAEZ: Take appearances.

12 MR. HOFFMAN: Good morning, Mr. Chairman. My name is
13 Kenneth A. Hoffman, I'm with the firm of Rutledge, Ecenia,
14 Purnell & Hoffman, Post Office 551, Tallahassee, Florida 32302.

15 I would also like to enter an appearance for Garson
16 Knapp, an attorney with Florida Power and Light Company. His
17 address is 700 Universe Boulevard in Juno Beach, Florida, and
18 the zip code is 33408-0420, appearing on behalf of FP&L.

19 CHAIRMAN BAEZ: Thank you. Ms. Brown.

20 MS. BROWN: Martha Carter Brown on behalf of the
21 Commission.

22 CHAIRMAN BAEZ: Ms. Brown, I'm not showing any
23 preliminary matters?

24 MS. BROWN: No, Commissioner, we have no preliminary
25 matters. In fact, there are proposed stipulations on all the

1 issues in this case. The prehearing officer has excused the
2 witness on information from the rest of the Commission that
3 they didn't have any questions for him, and we are ready to
4 introduce his testimony and exhibit into the record.

5 CHAIRMAN BAEZ: All right. And I'll take that
6 informal request, so let the record show that the prefiled
7 testimony of Vincente Ordax, Jr., be inserted into the record
8 as though read. And I am showing here two exhibits.

9 MS. BROWN: Yes, Commissioner, there are two
10 exhibits. The first one is copies of the newspaper notices
11 that FPL published. We could mark that as Exhibit 1.

12 CHAIRMAN BAEZ: Show them marked as Exhibit 1.

13 MS. BROWN: And the second exhibit is VO-1 which
14 consists of FP&L's Exhibit A to its need determination
15 petition.

16 CHAIRMAN BAEZ: And show Exhibit VO-1 attached to
17 Witness Ordax's prefiled testimony marked as Exhibit 2. And,
18 without objection, show both Exhibits 1 and 2 moved into the
19 record.

20 (Exhibit 1 and 2 marked for identification and
21 admitted into the record.)

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **FLORIDA POWER & LIGHT COMPANY**

3 **DIRECT TESTIMONY OF**

4 **VICENTE ORDAX, JR.**

5 **DOCKET NO. 050145-EI**

6 **MARCH 25, 2005**

7
8 **Q. Please state your name and business address.**

9 A. My name is Vicente Ordax, Jr. My business address is 4200 West Flagler Street,
10 Miami, FL 33134.

11 **Q. By whom are you employed and what is your position?**

12 A. I am employed by Florida Power & Light Company (FPL) as Supervisor of Local
13 Area Planning.

14 **Q. Please describe your duties and responsibilities in that position.**

15 A. My responsibilities include the direct supervision of engineers in the development
16 and evaluation of transmission expansion plans utilizing load flow analysis. I
17 have held this position and performed these responsibilities since September of
18 2001.

19 **Q. Please describe your professional work experience and educational
20 background prior to your present position.**

21 A. Prior to my present position, I worked as a transmission planning engineer at FPL
22 from 1993 through August 2001 in the area of Bulk Transmission Planning.
23 During this time my primary duties and responsibilities included participation in

1 and performance of bulk transmission studies, joint transmission studies with
2 neighboring utilities, the evaluation of the transmission requirements of
3 alternative future power plant proposals and stability analysis related to the
4 interconnection of Independent Power Producers. In addition, I was responsible
5 for performing part of the transmission assessments assigned to the Transmission
6 Working Group of the Florida Reliability Coordinating Council (FRCC).

7
8 From 1986 through 1993 I worked in FPL's Protection and Control group as a
9 field engineer primarily responsible for calibrating and maintaining protection
10 relays. I also worked in FPL's Operations Engineering group. My primary
11 responsibilities in the Operations Engineering group included issuing transformer
12 tap settings, optimizing generator step-up and auxiliary transformer tap settings as
13 well as performing many day to day transmission studies related to transmission
14 clearances and detailed local area transmission assessment studies that would aid
15 the transmission system operator.

16
17 I graduated with honors from the University of Florida with a Bachelor of Science
18 degree in Electrical Engineering in August of 1986. I received a Master of
19 Science degree in Electrical Engineering from Florida International University in
20 August of 1990. I am a registered professional engineer in the state of Florida
21 since 1991. I have also attended seminars and short courses covering topics
22 related to transmission planning.

1 Q. **Are you a member of any professional organizations?**

2 A. Yes, I am a member of the Institute of Electrical and Electronics Engineers and of
3 the Power Engineering Society.

4 Q. **Are you sponsoring any portion of the Petition?**

5 A. Yes. I am sponsoring Exhibit "A" to FPL's Petition for Determination of Need
6 for the St. Johns-Pellicer-Pringle Project (SJPP Project or Project) filed with this
7 Commission concurrently with my testimony on March 25, 2005.

8 Q. **Was this exhibit prepared by you or under your direction and supervision?**

9 A. Yes.

10 Q. **Please describe the purpose and scope of your testimony.**

11 A. The purpose of my testimony is to sponsor and support FPL's Petition for a
12 Determination of the Need for the Project. My testimony, as well as Exhibit "A"
13 to the Petition, present the following information in support of the Project:

- 14 1. A general description of the existing load and electric characteristics of
15 FPL's electrical transmission grid;
- 16 2. A general description of the Project including the design and operating
17 voltage of the proposed transmission line, the starting and ending points of
18 the line, the approximate cost of the Project and the projected in service
19 date;
- 20 3. The specific conditions, contingencies and factors which demonstrate the
21 need for the Project including a discussion of FPL's transmission planning
22 process and the reliability benefits of the Project;

- 1 4. The major alternatives to the Project that were evaluated and rejected by
2 FPL in favor of the Project; and
- 3 5. The adverse consequences to FPL's electric system and customers if the
4 Project is delayed or denied.

5 **Q. Describe the organization of your testimony.**

6 A. First, I will provide an overview of FPL and the existing load characteristics and
7 composition of FPL's transmission network. Second, I will describe the Project,
8 the need for and benefits associated with the Project, and the estimated capital
9 cost of the Project. Third, I will explain FPL's transmission planning process.
10 Fourth, I will discuss the evaluation and analyses conducted to demonstrate the
11 need for and benefits of the Project. Fifth, I will discuss the alternatives
12 considered and explain why they were rejected in favor of the Project. Finally, I
13 will address the adverse consequences to FPL's customers if the Project is denied
14 or not timely approved.

15

16

OVERVIEW OF FPL

17 **Q. Please provide a brief description of FPL.**

18 A. FPL provides electric service to more than 4 million customers in 35 Florida
19 counties. In approximate terms, FPL's service territory includes most of the east
20 coast of Florida beginning in Miami-Dade County in southeast Florida and
21 running north to Nassau County in northeast Florida, as well as a large portion of

1 southwest Florida beginning in Collier County and running north through
2 Manatee County.

3 **Q. Please provide a general description of the existing load and electric**
4 **characteristics of FPL's electrical transmission grid.**

5 A. FPL's existing load characteristics consist primarily of residential load with
6 limited commercial and industrial load. A listing of historic and forecasted FPL
7 peak demand and energy is provided in Attachment 2 of Exhibit "A". FPL's
8 summer peak demand in 2004 was 20,545MW and the winter peak demand in
9 2004/05 was 18,108MW serving 4,272,459 customers (January 2005). An
10 overview of FPL's existing electrical transmission network indicating the general
11 location of generating plants, substations, and transmission lines is shown in
12 Attachment 1 of Exhibit "A".

13 14 **DESCRIPTION OF THE PROJECT**

15 **Q. Describe the proposed SJPP Project.**

16 A. As shown in Attachment 4 of Exhibit "A", the SJPP Project consists of a new
17 230kV transmission line that will provide electric service to three planned
18 substations located south of the existing St. Johns Substation, north of the planned
19 Pringle Substation and to the west of the existing Bunnell-St. Johns 115kV
20 transmission line. This is the Project Service Area. The Project also will provide
21 a 230kV injection at the Pellicer Substation into the existing Bunnell-St. Johns
22 115kV transmission line. The proposed in-service date for the SJPP Project is
23 December 2008.

1 **Q. Please describe the transmission line for which FPL is seeking a**
2 **determination of need in this docket.**

3 A. The proposed transmission line will connect FPL's St. Johns and proposed
4 Pellicer and Pringle Substations. The line will be constructed with a single pole
5 design and will have a design and operating voltage of 230kV. The map included
6 as Attachment 4 of Exhibit "A" shows the electrical facilities in the Project
7 Service Area that currently exist as well as other planned facilities in the general
8 area (in black) and a conceptual electrical connection for the SJPP Project (in
9 red). The locations on the map of facilities not yet in service are approximate. In
10 particular, the line depicting the SJPP Project is intended to indicate conceptually
11 an electrical connection from the St. Johns Substation to the proposed Pringle
12 Substation strictly from an engineering and planning perspective. The final length
13 and routing of the line will be determined in further proceedings under the
14 Transmission Line Siting Act (TLSA).

15 **Q. What is FPL's timetable for licensing, design and construction of the**
16 **Project?**

17 A. FPL presently is evaluating corridors in anticipation of submitting an application
18 under the TLSA in the summer of 2005. A final decision by the Siting Board is
19 expected in the summer of 2006. Detailed design of the SJPP Project will begin
20 as soon as a final corridor is approved. Construction is expected to begin in the
21 fourth quarter of 2007 and expected to be completed by December 2008.

1 **Q. What is FPL's estimated capital cost of the Project?**

2 **A.** The final route has not been selected and final costs will be subject to a number of
3 factors including the determination of the final length and route of the line as
4 determined under the TLSA. Specifically, the length and route of the line, and
5 other conditions that could be imposed through the TLSA process, will affect land
6 acquisition costs, line construction costs, environmental permitting and mitigation
7 costs, ROW preparation costs, and other compliance costs. Subject to these types
8 of cost variances that could arise through the TLSA process, the estimated capital
9 cost of the SJPP Project is \$21.8 million. The corresponding present value
10 revenue requirement (PVRR) is \$24.0 million.

11

12

FPL'S PLANNING PROCESS

13 **Q. How does FPL determine the need for new transmission lines?**

14 **A.** Planning for the FPL transmission system follows practices and criteria that are
15 consistent with the NERC, FRCC and other applicable standards. The NERC
16 Planning Standards, which have been adopted by the FRCC, specify transmission
17 system operating scenarios that should be evaluated, and the attendant levels of
18 system performance that should be attained. The NERC Planning Standards are
19 provided in Attachment 5a of Exhibit "A".

20

21 FPL's transmission planning process is explained in Attachment 5b of Exhibit
22 "A". FPL conducts an annual transmission assessment of the effects of forecasted
23 future load growth on the transmission system, the need to serve new load areas

1 or large new customers, future interconnections with neighboring utilities,
2 integration of new generation facilities and firm contractual transmission service
3 obligations. The effect of changes in system performance due to these factors is
4 simulated and analyzed in the present and future years to identify existing and
5 future system limitations. Alternative solutions to these limitations are then
6 developed, analyzed, and screened on the basis of their electrical performance.
7 Viable alternatives are compared for their relative merits with respect to
8 economics, reliability, feasibility, compatibility with long range area
9 requirements, and operating flexibility. Transmission facility additions such as a
10 new transmission line are implemented as a result of this process when they
11 provide the most cost effective and efficient solution.

12 **Q. What studies did FPL perform to determine the need for the SJPP Project?**

13 A. In developing the need for the SJPP Project, FPL conducted regional transmission
14 assessment studies which show transmission limitations on the existing 115kV
15 transmission network south of the St. Johns Substation and north of the Bunnell
16 Substation due to projected load growth in the 2008/2009 time frame.

17

18

NEED FOR THE PROJECT

19 **Q. Explain the need for the SJPP Project.**

20 A. The need for the Project is based on the following considerations:

21 1. The need to serve the increasing load and customer base in the Project
22 Service Area in a reliable manner consistent with NERC, FRCC, and other
23 applicable standards.

- 1 2. The need to provide additional transmission reinforcement to the existing
- 2 115kV transmission line between Bunnell and St. Johns Substations.
- 3 3. The opportunity, subject to final corridor certification under the TLSA, to
- 4 efficiently and effectively integrate and serve new distribution substations
- 5 that are needed to serve the projected load growth in the Project Service
- 6 Area.

7 **Q. Please explain the benefits of this Project.**

- 8 A. The Project will provide FPL with the optimal choice of facilities necessary to
- 9 maintain reliability in the existing and projected areas of customer load in the
- 10 Project Service Area. Specifically, the Project will allow FPL to :
- 11 1. Serve new customer load along the I-95/US-1 corridor and west of the
 - 12 existing 115kV transmission network from the southern portion of St. Johns
 - 13 County to the northern portion of Flagler County.
 - 14 2. Maintain area reliability by providing a parallel path to the existing Bunnell
 - 15 – St. Johns 115kV transmission network.
 - 16 3. Reduce loading on the existing Bunnell – St. Johns 115kV transmission
 - 17 network through the new injection at the planned Pellicer Substation.
 - 18 4. Reduce transmission losses by approximately 1.6MW.
 - 19 5. Provide a reduction of loading on the Bunnell and St. Johns
 - 20 autotransformers.
 - 21 6. Meet the Project Service Area’s long term growth requirements for at least
 - 22 the next 10 years, based on the regional load forecast.

1 **Q. Please describe the contingencies that require the addition of the SJPP**
2 **Project.**

3 A. As outlined in Exhibit "A" of the Petition, FPL analyzed load flows for the
4 2008/2009 winter peak load without any new transmission facilities in service.
5 As referenced in Attachment 9 of Exhibit "A," these analyses indicate that for
6 eight different single contingency events, a variety of overloads ranging from
7 102% to 130% of thermal MVA facility rating and low voltages ranging from
8 below 0.95 per unit to as low as 0.73 per unit can be experienced within and near
9 the Project Service Area. The NERC Planning Standards require that the facility
10 ratings not exceed 100% of the applicable thermal MVA facility rating. The
11 overloads would require the interruption of service of 1,000 to 8,300 customers
12 (approximately 1,700 to 13,800 people), depending on the specific outage, in
13 order to continue to operate the facilities in accordance with NERC Planning
14 Standards.

15 **Q. How would construction of the SJPP Project provide for further load growth**
16 **as well as resolve these contingencies?**

17 A. The SJPP Project will provide service to 3 new substations and will also provide a
18 230kV injection from Pellicer into the existing Bunnell-St. Johns 115kV
19 transmission line. The construction of the SJPP Project, based on a projected in-
20 service date of December 2008, would mitigate the thermal overloads and low
21 voltage conditions caused by single contingency events in accordance with NERC
22 Planning Standards and would provide reliable service to existing and new
23 customers as the load in the Project Service Area continues to grow.

DISCUSSION OF ALTERNATIVES

1
2 **Q. Did FPL consider alternatives to the SJPP Project?**

3 A. Yes.

4 **Q. What factors were employed to evaluate the alternatives?**

5 A. The factors used to evaluate the performance of the alternatives included
6 reliability, cost, construction feasibility, operational flexibility, and compatibility
7 with future transmission system expansion.

8 **Q. Please describe the transmission alternatives that were considered and
9 explain the reasons why they were rejected.**

10 Two transmission alternatives were considered. Alternative I consists of:

- 11 1. Building a new 115kV transmission line from Bunnell 115kV Substation
12 to St. Johns 115kV Substation to provide transmission service to proposed
13 Pellicer, Anastasia and Vermont Substations;
- 14 2. Installing a new 300 MVA 230/115kV autotransformer at the St. Johns
15 Substation and another 300 MVA 230/115kV autotransformer at the
16 existing Millcreek Substation;
- 17 3. Upgrading or rebuilding four transmission line sections of the existing
18 Bunnell-St. Johns 115kV transmission line;
- 19 4. Adding 110 MVARs of capacitor banks throughout the Project Service
20 Area.

21 The estimated capital cost of this alternative is \$26.0M (\$29.5M PVRR).

1 Alternative I was rejected for the following four reasons:

- 2 1. This alternative requires much of the existing 115kV transmission network
3 to be rebuilt between the Bunnell and St. Johns Substations at a higher
4 cost than the SJPP Project.
- 5 2. This alternative also requires the expansion of the St. Johns Substation to
6 upgrade the transformation capacity, thereby increasing the cost of this
7 alternative.
- 8 3. This alternative provides limited support to and expansion capability of
9 the existing Bunnell-St. Johns 115kV transmission line.
- 10 4. This alternative exposes FPL customers to potential reliability concerns
11 due to extended (multiple day) clearances during construction.

12

13 Alternative II consists of:

- 14 1. Rebuilding or upgrading six transmission line sections of the existing
15 115kV transmission network between the St. Johns and Bunnell
16 Substations as well as the provision of transmission service to the
17 proposed Pellicer, Anastatia and Vermont Substations;
- 18 2. Installing a new 300 MVA 230/115kV autotransformer at the St. Johns
19 Substation;
- 20 3. Installing another 300 MVA 230/115kV autotransformer at the existing
21 Millcreek Substation;
- 22 4. Installing another 300 MVA 230/115kV autotransformer at the Bunnell
23 Substation; and

- 1 5. Adding 110 MVARs of capacitor banks throughout the Project Service
2 Area.

3 The estimated capital cost of this alternative is \$21.4M (\$24.0M PVRR).

4
5 Alternative II was rejected for the following four reasons:

- 6 1. Serving a larger number of customers, via the additional proposed new
7 substations, from the existing Bunnell-St. Johns 115kV transmission line
8 could adversely impact customer reliability for the outage of the
9 transmission line.
- 10 2. The existing Bunnell – St. Johns 115kV transmission line would have to be
11 rebuilt and extended west to provide transmission service to the proposed
12 future substations creating a less effective transmission system with less
13 capability than a 230kV alternative within the Project Service Area.
- 14 3. This alternative provides limited operational flexibility and virtually no
15 future expansion capability for the existing Bunnell-St. Johns 115kV
16 transmission line.
- 17 4. This alternative exposes FPL customers to potential reliability concerns due
18 to extended clearances during construction.

1 **ADVERSE CONSEQUENCES OF DELAY OR DENIAL OF THE PROJECT**

2 **Q. Would there be adverse consequences to FPL's customers in the Project**
3 **Service Area if the SJPP Project is not timely approved?**

4 A. Yes. If the SJPP Project is not timely approved and no other alternative is built,
5 inadequate transmission capability would result, therefore jeopardizing reliable
6 service to existing and future customers in the Project Service Area as discussed
7 in Section IV of Exhibit "A". The inability to serve additional loads could result
8 in requiring the implementation of rolling outages to prevent system degradation.

9 **Q. What would be the impact if certification of the SJPP Project were denied?**

10 A. If certification of the SJPP Project were denied, FPL would most likely
11 implement Alternative I as shown in Attachment 10 of Exhibit "A". The result
12 would be that FPL would be required to address its customers' needs with a less
13 reliable and more costly alternative and one that is not in the best long term
14 interest of FPL's customers.

15 **Q. Should the Commission approve the need for the Project?**

16 A. Yes. The Commission should determine that there is a need for a 230kV
17 transmission line connecting the St. Johns and proposed Pellicer and Pringle
18 Substations.

19 **Q. Does this conclude your testimony?**

20 A. Yes.

1 CHAIRMAN BAEZ: Now, Ms. Brown, if we can go through,
2 I don't know how you want to introduce the stipulations, but
3 I'll let you --

4 MS. BROWN: Well, I was going to propose that the
5 Commission approve the stipulations. We can go through one by
6 one, if you want. There are, I think, six issues altogether.

7 CHAIRMAN BAEZ: Commissioners, what is your pleasure?
8 We can leave it open to question, if there are any questions on
9 the stipulated issues, or would you like to go through them
10 individually?

11 COMMISSIONER DEASON: Mr. Chairman, I have no
12 questions.

13 COMMISSIONER BRADLEY: I don't have any questions.

14 COMMISSIONER EDGAR: I'm prepared to go ahead and
15 make a motion, if it is the appropriate time.

16 CHAIRMAN BAEZ: If there are no questions,
17 Commissioners, we can take up a motion.

18 COMMISSIONER EDGAR: Then I'll make a motion to
19 approve the stipulated Issues 1 through 3 as regards the need
20 and the proposed starting and ending points, and that we grant
21 the determination of need for the proposed line, which is
22 Issue 4.

23 COMMISSIONER BRADLEY: And I'll second the motion.

24 CHAIRMAN BAEZ: There is a motion and a second on
25 stipulated Issues 1, 2, 3 and 4, and a second.

1 stipulated Issues 1, 2, 3 and 4, and a second.

2 All those in favor say aye.

3 (Unanimous affirmative vote.)

4 CHAIRMAN BAEZ: Show the motion passes unanimously.

5 And we do need a motion on Issue 5, Commissioners.

6 COMMISSIONER BRADLEY: I'll move Issue 5.

7 COMMISSIONER EDGAR: Second.

8 CHAIRMAN BAEZ: There's a motion and a second. All
9 of those in favor say aye.

10 (Unanimous affirmative vote.)

11 CHAIRMAN BAEZ: All right. Show all five -- am I
12 missing one? You didn't say six, did you?

13 MS. BROWN: I did say six, and I was wrong.

14 CHAIRMAN BAEZ: Okay. You threw me off there,
15 Ms. Brown.

16 MS. BROWN: I'm sorry.

17 CHAIRMAN BAEZ: That's okay. Very well. Show all
18 five stipulated issues approved.

19 And do we have anything else?

20 MS. BROWN: Not that I'm aware of.

21 CHAIRMAN BAEZ: Mr. Hoffman, any other matters we
22 need to take up at this moment?

23 MR. HOFFMAN: No, sir.

24 CHAIRMAN BAEZ: All right. Seeing there are no
25 further matters to be considered, we can adjourn the hearing.

1 Thank you all.

2 MS. BROWN: Thank you.

3 MR. HOFFMAN: Thank you.

4 CHAIRMAN BAEZ: Thank you, Commissioners.

5 (The hearing concluded at 9:40 a.m.)

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1 STATE OF FLORIDA)

2 : CERTIFICATE OF REPORTER

3 COUNTY OF LEON)

4

5 I, JANE FAUROT, RPR, Chief, Office of Hearing
6 Reporter Services, FPSC Division of Commission Clerk and
7 Administrative Services, do hereby certify that the foregoing
8 proceeding was heard at the time and place herein stated.

9 IT IS FURTHER CERTIFIED that I stenographically
10 reported the said proceedings; that the same has been
11 transcribed under my direct supervision; and that this
12 transcript constitutes a true transcription of my notes of said
13 proceedings.

14 I FURTHER CERTIFY that I am not a relative, employee,
15 attorney or counsel of any of the parties, nor am I a relative
16 or employee of any of the parties' attorney or counsel
17 connected with the action, nor am I financially interested in
18 the action.

19 DATED THIS 11th day of May, 2005.

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JANE FAUROT, RPR
Chief, Office of Hearing Reporter Services
FPSC Division of Commission Clerk and
Administrative Services
(850) 413-6732

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET

NO. 050145-EE EXHIBIT NO. 1

COMPANY/ FPL

WITNESS: Affidavits of Publication

DATE: 05/09/08

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Determination of Need for St.
Johns-Pellicer-Pringle 230 kV Transmission Line
By Florida Power & Light Company

Docket No. 050145-EI

Filed April 8, 2005

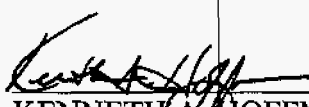
**FLORIDA POWER & LIGHT COMPANY'S
NOTICE OF FILING
NOTICES OF FINAL HEARING PUBLISHED
IN NEWSPAPERS IN AREAS WHERE
PROPOSED LINE COULD BE PLACED AND
AFFIDAVITS OF PUBLICATION**

Florida Power & Light Company ("FPL"), by and through its undersigned counsel and pursuant to Rule 25-22.075(4), Florida Administrative Code, hereby submits the Notices of Final Hearing published in the following newspapers of general circulation where FPL's proposed St. Johns-Pellicer-Pringle 230 kV transmission line could be placed:

1. The St. Augustine Record – published on March 19, 2005; and
2. The Flagler/Palm Coast NEWS-TRIBUNE – published on March 19, 2005.

The above-referenced Notices of Final Hearing and the Affidavits of Publication of such Notices are filed herewith as Composite Exhibit "A" to this Notice of Filing.

Respectfully submitted,


KENNETH A. HOFFMAN, ESQ.
Rutledge, Ector, Purnell & Hoffman, P.A.
P.O. Box 551
Tallahassee, Florida 32302
850/681-6788 (Telephone)
850/681-6515 (Telecopier)

-- and--

GARSON R. KNAPP, ESQ.
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, Florida 33408-0420
561/304-5720 (Telephone)
561/625-7504 (Telecopier)

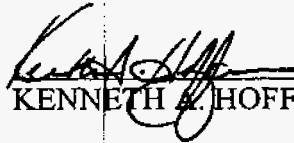
Attorneys for Florida Power & Light Company

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing was furnished by Hand Delivery to the following this 8th day of April, 2005:

Martha Carter-Brown, Esq.
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

By:



KENNETH A. HOFFMAN, ESQ.

THE ST. AUGUSTINE RECORD

PUBLISHED EVERY MORNING MONDAY THROUGH FRIDAY, SATURDAY AND SUNDAY MORNING
ST. AUGUSTINE AND ST. JOHNS COUNTY, FLORIDA

STATE OF FLORIDA,
COUNTY OF ST. JOHNS

Before the undersigned authority personally appeared CHARLES BARRETT
who on oath says that he is an Accounting Clerk of the St. Augustine Record,
a daily newspaper published at St. Augustine in St. Johns County, Florida:
that the attached copy of advertisement, being PUBLIC NOTICE
in the matter HEARING TRANS LINE
was published in said newspaper in the issues of
MARCH 19, 2005.

Affiant further says that the St. Augustine Record is a newspaper published
at St. Augustine, in said St. Johns County, Florida, and that the said newspaper
heretofore been continuously published in said St. Johns County, Florida, each
day and has been entered as second class mail matter at the post office in the
City of St. Augustine, in said St. Johns County, for a period of one year preceding
the first publication of the copy of advertisement; and affiant further says that
he has neither paid nor promised any person, firm or corporation any discount,
rebate, commission or refund for the purpose of securing the advertisement for
publication in the said newspaper.

Sworn to and subscribed before me this 22ND day of MARCH 2005.

by Charles Barrett who is personally known to me
or who has produced PERSONALLY KNOWN as identification.

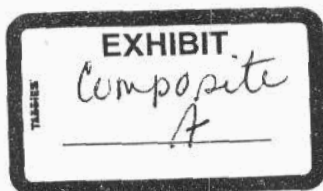
Patricia A. Bergquist
(Signature of Notary Public)



Patricia A. Bergquist
My Commission 00275991
Expires December 18 2007

(Seal)

PATRICIA A. BERGQUIST



COPY OF ADVERTISEMENT

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION NOTICE OF NEED DETERMINATION HEARING DOCKET NO. 050145-EI

PETITION OF FLORIDA POWER & LIGHT COMPANY TO DETERMINE THE NEED FOR A PROPOSED 230 KV ELECTRICAL TRANSMISSION LINE

Notice is hereby given that the Florida Public Service Commission will hold a public hearing in the above docket at the following time and place:

May 9, 2005, Beginning at 9:30 a.m.
Florida Public Service Commission
Easley Conference Center
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

PURPOSE AND PROCEDURE

The purpose of this hearing will be for a determination of need pursuant to Section 403.537, Florida Statutes (2004), for the construction of a 230 kV electrical transmission line. Segments of this 230 kV electrical transmission line may be located in St. Johns and Flagler Counties. The proposed electrical transmission line will start at FPL's existing St. Johns Substation in St. Johns County and will terminate at FPL's planned Pringle Substation in Flagler County. The proceeding will be governed by the provisions of Chapter 120, Florida Statutes, Section 403.537, Florida Statutes, and Rules 25-22.075 and 25-22.076, Florida Administrative Code. Anyone wishing to become a party to the need determination proceeding should file an appropriate petition pursuant to Rule 25-22.039, Florida Administrative Code, with the Director, Commission Clerk and Administrative Services Division, at the following address:
Director, Commission Clerk and Administrative Services Division
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850
Re: Docket No. 050145-EI

PREHEARING CONFERENCE

A prehearing conference will be conducted at the following time and place:

May 2, 2005 at 1:30 p.m.
Florida Public Service Commission
Easley Conference Center
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

The purpose of this prehearing conference will be to consider: (1) the simplification of the issues; (2) the identification of the positions of the parties on the issues; (3) the identification of witnesses and exhibits; (4) the establishment of an order of witnesses; (5) the possibility of obtaining stipulations concerning any matters of issue; and (6) the resolution of any remaining procedural matters that may aid in the disposition of the action.

APPLICATION

A copy of the Petition for Determination of Need and supporting exhibits will be available for public inspection during normal business hours at the following locations, beginning on or about (March 25, 2005):

FPL Location(s)
FLORIDA POWER & LIGHT COMPANY
FLORIDA POWER & LIGHT COMPANY
477 East Highway 100, Bunnell, FL 32110-0303
Hostling Road, St. Augustine, FL 32086
FLORIDA PUBLIC SERVICE COMMISSION
Easley Conference Center
2540 Shumard Oak Boulevard, Tallahassee, FL 32399-0850

JURISDICTION

Jurisdiction over Florida Power & Light Company and this action is vested in the Commission pursuant to Chapter 386, Florida Statutes and Section 403.537, Florida Statutes.

By Direction of the Florida Public Service Commission.

Bianca S. Boya, Director
Commission Clerk and
Administrative Services
an FPL Group Company



FPL

L670-5 Mar 19, 2005

Flagler/Palm Coast
NEWS-TRIBUNE

Published Each Wednesday and Saturday
Flagler County, Florida

State of Florida,
County of Flagler:

Before the undersigned authority personally appeared

Kevin Hancock

Who, on oath says that he is

Classified Sales Manager

of The Flagler/Palm Coast NEWS-TRIBUNE, a
twice weekly newspaper published Flagler County,
Florida; that the attached copy of advertisement,
being a

Notice of Need Determination Hearing

in the matter of Proposed 230 KV Electrical
Transmission Line

in the Court

was published in said newspaper in the issues
March 19, 2005

Affiant further says that The Flagler/Palm Coast
News-Tribune is a newspaper published in said
Flagler County, Florida, and that the said newspaper
has heretofore been continuously published in said
Flagler County, Florida, each Wednesday and
Saturday and has been entered as second-class mail
matter at the post office in Flagler Beach, in said
Flagler County, Florida, for a period of one year next
preceding the first publication of the attached copy of
advertisement; and affiant further says that he has
neither paid nor promised any person, firm or
corporation any discount, rebate, commission or
refund for the purpose of securing this advertisement
for publication in the said newspaper.

Sworn to and subscribed before me

this 21st day of March

A.D. 2005



ANITA MARIE SAUNDERS
Notary Public, State of Florida
My comm. expires Aug. 30, 2007
Comm. No. 00 222131

LEGAL ADVERTISEMENT

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
NOTICE OF NEED DETERMINATION HEARING
DOCKET NO. 050145-EI**

PETITION OF FLORIDA POWER & LIGHT COMPANY TO DETERMINE THE NEED FOR A
PROPOSED 230 KV ELECTRICAL TRANSMISSION LINE

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May 9, 2005, Beginning at 9:30 a.m.
Florida Public Service Commission
Easley Conference Center
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

PURPOSE AND PROCEDURE

The purpose of this hearing will be for a determination of need pursuant to Section 403.537, Florida
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Florida Administrative Code, with the Director, Commission Clerk and Administrative Services
Division, at the following address:

Director, Commission Clerk and Administrative Services Division
Florida Public Services Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850
Re: Docket No. 050145-EI

PREHEARING CONFERENCE

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May 2, 2005 at 1:30 p.m.
Florida Public Service Commission
Easley Conference Center
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

The purpose of this prehearing conference will be to consider: (1) the simplification of the issues;
(2) the identification of the positions of the parties on the issues; (3) the identification of witnesses
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APPLICATION

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public inspection during normal business hours at the following locations, beginning on or about
(March 25, 2005):

FPL Location(s)

FLORIDA POWER & LIGHT COMPANY FLORIDA POWER & LIGHT COMPANY
4277 East Highway 100, Bunnell, FL 32110 303 Hastings Road, St. Augustine, FL 32086
FLORIDA PUBLIC SERVICE COMMISSION
Easley Conference Center
2540 Shumard Oak Boulevard, Tallahassee, FL 32399-0850

JURISDICTION

Jurisdiction over Florida Power & Light Company and this action is vested in the Commission
pursuant to Chapter 386, Florida Statutes and Section 403.537, Florida Statutes.

By Direction of the Florida Public Service Commission.

Bianca S. Bayo, Director
Commission Clerk and Administrative Services

An FPL Group Company

Legal NT1339, March 19, 2005 14



EXHIBIT "A"
(REDACTED)

Appendices A & B

**FLORIDA POWER & LIGHT COMPANY'S
PETITION TO DETERMINE NEED FOR:**

**THE ST. JOHN'S-PELLICER-
PRINGLE PROJECT**

DOCKET NO. 050145-EI

MARCH 25, 2005



FPL

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET
NO. 050145-EI EXHIBIT NO. 2
COMPANY: FPL/VO-1, Exhibit A
WITNESS: To need determination Petition
DATE: 05/09/05

APPENDIX A

Load Flow Diagrams – With and Without Project

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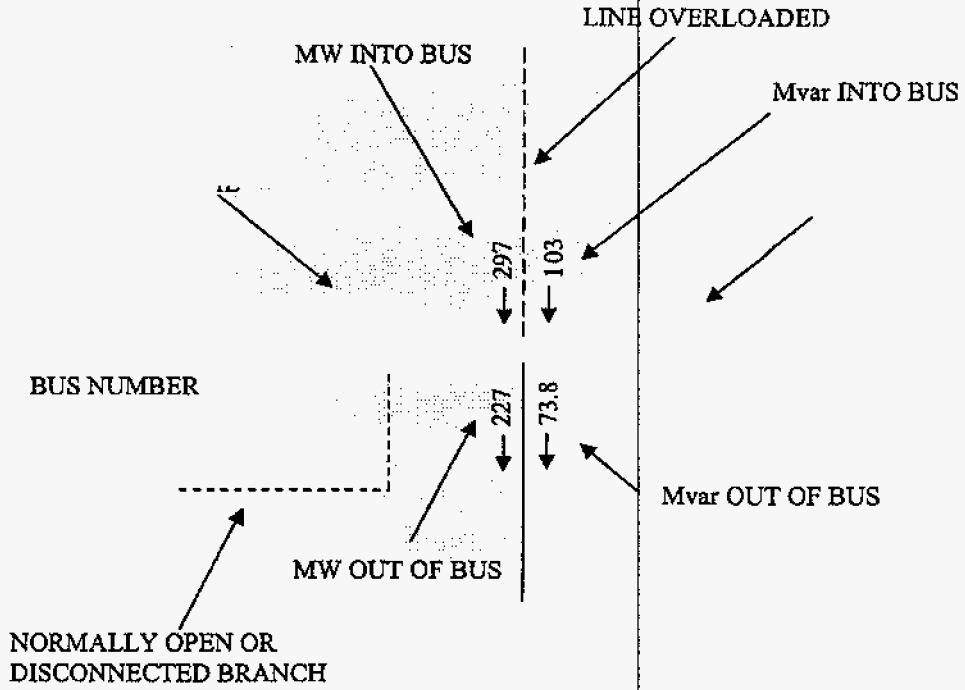
Winter 2008/09 Loss of Millcreek 230/115kV autotransformer

A.18

Winter 2008/09 Loss of St. Joe-Forest Grove 115kV line section

A.19

Load Flow Diagram Key



PAGES A.2 - A.19 REDACTED

APPENDIX B

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PAGES B.1 – B.18 REDACTED