

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Joint Petition of Seminole)	DOCKET NO. 891367-EU
Electric Cooperative, Inc. and)	ORDER NO. 22466
Jacksonville Electric Authority for)	ISSUED: 1-24-90
Determination of Need for Seminole)	
Plant-Keystone-JEA Firestone 230kV)	
Transmission Line Project.)	
)	

Pursuant to Notice, a Prehearing Conference was held on January 22, 1990, in Tallahassee, Florida, before Commissioner Betty Easley, Prehearing Officer.

APPEARANCES:

RICHARD D. MELSON, Esquire, and CHERYL G. STUART, Esquire, Hopping Boyd Green & Sams, Post Office Box 6526, Tallahassee, Florida 32314
On behalf of Seminole Electric Cooperative, Inc. and the Jacksonville Electric Authority.

MICHAEL A. PALECKI, Esquire, Florida Public Service Commission, 101 East Gaines Street, Tallahassee, Florida 32399-0863
On behalf of the Commission Staff.

PRENTICE P. PRUITT, Esquire, Florida Public Service Commission, 101 East Gaines Street, Tallahassee, Florida 32399-0862
On behalf of the Commissioners.

PREHEARING ORDERI. Background

On December 15, 1989, Seminole Electric Cooperative, Inc.

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and Jacksonville Electric Authority jointly filed a petition to determine need for their proposed Seminole Plant-Keystone-JEA Firestone 230 kV Transmission Line (the proposed project) in Putnam, Clay and Duval Counties. Pursuant to Section 403.537, Florida Statutes, in the determination of need, the Commission shall take into account the need for electric system reliability and integrity, the need for abundant, low-cost electrical energy to assure the economic well-being of the citizens of this state, the appropriate starting and ending points of the transmission line, and other matters within its jurisdiction deemed relevant to the determination of need.

II. Prefiled Testimony and Exhibits

Testimony of all witnesses to be sponsored by the parties has been prefiled. All prefiled testimony in this case will be inserted in the record as though read after the witness has taken the stand and affirmed the correctness of the testimony and exhibits. Each witness will have an opportunity, if he or she wishes, to orally summarize his/her testimony at the time he/she takes the stand. Upon insertion of a witness' testimony, exhibits appended thereto may be marked for identification. After an opportunity for opposing parties to object and cross-examine, the document may be moved into the record. All other exhibits will be similarly identified and entered at the appropriate time during hearing.

III. Order of Witnesses

<u>Witness</u>	<u>Appearing For</u>	<u>Issues</u>	<u>Subject Matter of Testimony</u>
John R. Twitchell	Seminole	All	Overview of Seminole and the transmission line project; reliability, strategic and economic benefits of project; Seminole's power supply and wheeling arrangements before and after the project; cost estimate for Seminole portion of the project.

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Barbara V. Ziberna	Seminole	All	Technical basis of Seminole's need for the transmission line project; Seminole's economic analysis of the project and alternatives.
P.G. Para	JEA	All	Overview of the JEA; benefits of the project to the JEA; cost estimate for the JEA portion of the project; technical basis of the JEA's need for the project; the JEA's economic analysis of the project and alternatives.

IV. Basic Positions

SEMINOLE AND JEA: Seminole and the JEA should be granted a determination of need for the Seminole Plant-Keystone-JEA Firestone 230 kV Transmission Line Project (the "Project" or the "Seminole/JEA Interconnection"). The Project is needed to improve the reliability of service to Seminole's Keystone, Florahome, and Riverview substations and to the JEA's Firestone substation. Specifically, the Project will correct existing and/or future low voltage problems at these substations, will reduce or prevent line overloadings, and will provide basic "single contingency" reliability to the three Seminole substations. In addition, by providing a direct interconnection between Seminole and the JEA, the Project will eliminate wheeling charges on transactions between the two utilities, will give Seminole a direct method of access to the JEA's interconnection with the Southern Companies, and will give the JEA an interconnection with a second Florida utility. Finally, the Project will enable Seminole to directly serve the load at four substations (including Black Creek) that today are served by wheeling power through Florida Power & Light Company's transmission system. The Project results in a net economic savings of over \$48 million PWRR (1989\$) to Seminole's member-consumers, and approximately \$0.5 million PWRR (1989\$) to the JEA customers.

STAFF: No position at this time.

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V. Issues and Positions

ISSUE 1: Is the proposed project needed for electric system reliability and integrity?

SEMINOLE AND JEA: Yes.

STAFF: No position at this time.

ISSUE 2: Is the proposed project needed for abundant, low-cost electrical energy to assure the economic well-being of the citizens of this state?

SEMINOLE AND JEA: Yes.

STAFF: No position at this time.

ISSUE 3: Have the major transmission alternatives been adequately addressed?

SEMINOLE AND JEA: Yes. None of the transmission alternatives meets the long term reliability needs that the project is designed to satisfy.

STAFF: No position at this time.

ISSUE 4: Have the specific situations which indicate a need for the project been adequately addressed?

SEMINOLE AND JEA: Yes. The project is needed to improve the reliability of service to Seminole's Keystone, Florahome, and Riverview substations and to the JEA's Firestone substation. Specifically, the project will correct existing and/or future low voltage problems at these substations, will reduce or prevent line overloading and will provide basic "single contingency" reliability to the three Seminole substations. In addition, the project improves inter-utility transfer capability by providing a direct interconnection between Seminole and JEA, enables

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Seminole to directly serve a portion of its load, and provides net savings to the customers of both utilities.

STAFF: No position at this time.

ISSUE 5: Will there be adverse consequences to the electrical system if approval of the project is delayed or denied?

SEMINOLE AND JEA: Yes.

STAFF: No position at this time.

ISSUE 6: Are the Seminole Plant substation in Putnam County and the JEA Firestone substation in Duval County the appropriate starting and ending points for the project?

SEMINOLE AND JEA: Yes. In addition, the existing Black Creek and Keystone substations in Clay County and the existing Florahome and Riverview substations in Putnam County are the appropriate intermediate points for the project.

STAFF: No position at this time.

ISSUE 7: Have the petitioners satisfied the informational requirements of Rule 25-22.076, Florida Administrative Code?

SEMINOLE AND JEA: Yes.

STAFF: Yes.

VI. Stipulations

None exist at this time.

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<u>Exhibit No.</u>	<u>Witness</u>	<u>Proffered By</u>	<u>Description</u>
Exhibit _____	Ziberna Para Twitchell	Seminole and JEA	Exhibit 1 to Petition to Determine Need
Exhibit _____	Ziberna	Seminole	Revised Load Flow Diagram (Appendix L to Exhibit 1)
Exhibit _____ (JRT-1)	Twitchell	Seminole	Project Map
Exhibit _____ (JRT-2)	Twitchell	Seminole	Cost Estimate for the Project
Exhibit _____ (BVZ-1)	Ziberna	Seminole	Illustration of MW-Mile Calculation
Exhibit _____ (BVZ-2)	Ziberna	Seminole	MW-Mile Values for Seminole Substations
Exhibit _____ (BVZ-3)	Ziberna	Seminole	Additional Load Flow Diagrams
Exhibit _____ (BVZ-4)	Ziberna	Seminole	SECI-JEA Interconnection Project-Cost Impacts to the SECI Consumers
Exhibit _____ (BVZ-5)	Ziberna	Seminole	Decision Making Worksheet to Evaluate Transmission Alternatives
Exhibit _____ (PGP-1)	Para	JEA	JEA Transmission System Map
Exhibit _____ (PGP-2)	Para	JEA	SECI-JEA Interconnection Project -- Cost Impacts to the JEA Customers
Exhibit _____		JEA	Composite Exhibit of Notices

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Exhibit___ Ziberna Staff SECI's Responses to Staff's First Set of Interrogatories numbered 1-8.

Exhibit___ Para Staff JEA's Response to Staff's First Set of Interrogatories numbered 1-2.

In addition, Seminole and JEA are in the process of identifying large-scale visual aids for use at the hearing.

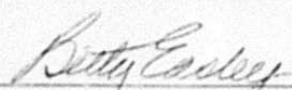
VII. Motions

There are no motions outstanding.

Based on the foregoing it is

ORDERED by Commissioner Betty Easley, as Prehearing Officer, that this Prehearing Order shall govern the conduct of these proceedings as set forth above unless modified by the Commission.

By ORDER of Commissioner Betty Easley, Prehearing Officer, this 24th day of JANUARY, 1990.



 BETTY EASLEY, Commissioner
 and Prehearing Officer

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