

August 8, 2002

**VIA FEDERAL EXPRESS**

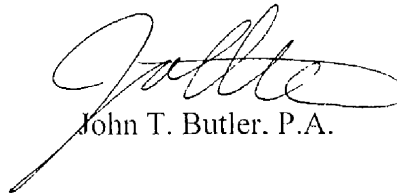
Blanca S. Bayó  
Director, Commission Clerk and Administrative Services  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 011605-EI**

Dear Ms. Bayó:

I am enclosing for filing the original and fifteen (15) copies of the direct and rebuttal testimony of Florida Power & Light Company witness Joseph P. Stepenovitch and the rebuttal testimony of Florida Power & Light Company witness Korel M. Dubin, which have been redacted to conform to FPL's revised positions on the issues in this docket as stated at the August 5, 2002, prehearing conference. All of these witnesses' exhibits have been redacted and hence are not included with the enclosed testimony, with the exception of JPS-3 to Mr. Stepenovitch's rebuttal testimony, which is attached thereto. The entire content of Ms. Dubin's direct testimony has been redacted and hence no redacted version of that testimony is enclosed.

Sincerely,



John T. Butler, P.A.

Copy to: All parties of record

Dubin Rebuttal  
Testimony  
DOCUMENT NUMBER - DATE  
08415 AUG -9 2002

FPSC-COMMISSION CLERK

Stepenovitch  
Rebuttal Testimony  
DOCUMENT NUMBER - DATE  
08414 AUG -9 2002

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Stepenovitch  
Direct Testimony  
DOCUMENT NUMBER - DATE  
08413 AUG -9 2002

FPSC-COMMISSION CLERK

**CERTIFICATE OF SERVICE**

**Docket Nos. 011605-EI**

**I HEREBY CERTIFY** that true and correct copies of the foregoing have been furnished by Federal Express (\*) or United States Mail this 8<sup>th</sup> day of August, 2002. to the following:

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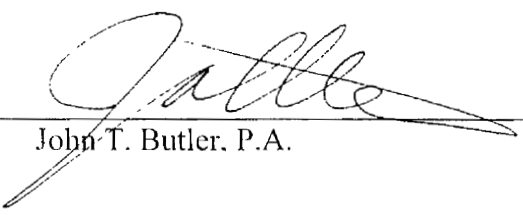
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By: \_\_\_\_\_

  
John T. Butler, P.A.

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **FLORIDA POWER & LIGHT COMPANY**

3 **TESTIMONY OF JOSEPH P. STEPENOVITCH**

4 **DOCKET NO. 011605-EI**

5 **June 24, 2002**

6 **Q. Please state your name and business address.**

7 A. My name is Joseph P. Stepenovitch. My business address is 11770 U.S.  
8 Highway One, North Palm Beach, Florida 33408.

9 **Q. Please state your position and the nature of your responsibilities at**  
10 **FPL.**

11 A. I am the Director of FPL's Energy Marketing & Trading Division. My primary  
12 responsibility is to oversee all functions related to generation asset  
13 optimization. These functions include fuel procurement, wholesale power  
14 trading and transportation for fuel and power.

15 **Q. Please describe your educational background, and work experience.**

16 A. I received a Bachelor of Science degree in Business Administration in 1989  
17 from Barry University in Miami, Florida. I have been employed by FPL since  
18 1980. In that time, I have held various positions within FPL's Power Supply  
19 Department; (1) System Operation Senior Specialist from October 1980  
20 through February 1982; (2) Interchange Coordinator from February 1982  
21 through February 1986; (3) Operational Planning Supervisor from February  
22 1986 through May 1991; (4) Manager of Interchange Operations from May

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1 1991 through April 1997; and (5) my current position since April 1997. Prior to  
2 my employment with FPL, I worked for New England Power Service  
3 Company for twelve years in a variety of positions in power delivery and  
4 systems operations areas.

5 ~~Q. Have you prepared or caused to be prepared under your direction,~~  
6 ~~supervision or control an exhibit in this proceeding?~~

7 ~~A. Yes, I have. It consists of the following documents:~~

8 ~~Document JPS-1, FPL's Proposed Risk Sharing Plan~~

9 ~~Document JPS-2, Sample Calculations of Fuel Charges under Status~~  
10 ~~Quo (Current Actual Fuel Cost Recovery Mechanism) and FPL's~~  
11 ~~Proposed Risk Sharing Plan~~

12  
13 **Q. What is the purpose of your testimony?**

14 A. The purpose of my testimony is to address FPL's positions on the issues that  
15 the Commission has identified regarding risk management (hedging) policies  
16 and procedures (those issues have been identified in the Commission's  
17 procedural orders as Issues No. 1a, 1b, 1c, 2, 3, 4 and 7; the Commission has  
18 taken action at agenda conferences to resolve Issues No. 5 and 6, which relate  
19 specifically to FPL and Florida Power Corporation, respectively). I will also  
20 address some additional issues that FPL believes are important for the  
21 Commission to consider in connection with hedging.

1 ~~Q. What role should the Commission take concerning the manner in which~~  
2 ~~each investor-owned electric utility manages risks associated with fuel~~  
3 ~~procurement? (Issue No. 1a)~~

4 ~~A. The Commission should encourage utilities to adopt plans that provide~~  
5 ~~incentives to engage in an appropriate level of fuel hedging to reduce fuel~~  
6 ~~cost volatility to customers. FPL believes that its Proposed Risk Sharing~~  
7 ~~Program will meet the objective of reducing fuel cost volatility to the customer.~~

8 **Q. Is each investor-owned electric utility taking reasonable steps to**  
9 **manage the price risk associated with its natural gas and residual oil**  
10 **transactions, as well as purchased power transactions based on natural**  
11 **gas prices, through the use of physical, operational, or financial**  
12 **hedging practices or a combination of those practices? (Issue No. 1b)**

13 A. Yes, FPL continually manages natural gas, residual fuel oil, and wholesale  
14 energy price risk through multiple hedging practices. FPL maintains well-  
15 balanced, diversified portfolios of generation assets, fuel contracts and  
16 purchased power contracts. FPL's generation mix consists of nuclear, coal,  
17 petroleum coke, oil and natural gas-fired generation. This diversified mix of  
18 resources reduces the risk of fuel price volatility because FPL is not captive to  
19 one energy or fuel source. Additionally, FPL upholds diversification within its  
20 physical fuel and purchase power contracts through a mix of long-, mid- and  
21 short-term transactions.

22 FPL employs numerous operational hedging techniques on a daily basis to  
23 achieve complete asset optimization. Operational hedging includes fuel  
24 switching, optimizing fuel storage and transportation, and wholesale power

1 trading. The ability to fuel switch between natural gas and oil helps FPL  
2 continually optimize the economic dispatch of its system. FPL can also optimize  
3 its firm natural gas transportation by selling delivered natural gas in the Florida  
4 markets when oil prices are below natural gas prices. Wholesale power trading  
5 helps reduce fuel costs as savings and gains are realized through purchasing  
6 and selling power. These are some examples of how FPL is able to utilize  
7 operational hedging techniques on its diverse and flexible system to provide  
8 value to its customers.

9

10 **Q. For what purposes does each investor-owned electric utility engage in**  
11 **physical, operational, or financial fuel price hedging practices, or a**  
12 **combination of those practices, and to what extent do such purposes**  
13 **involve reductions in fuel price volatility versus reductions in fuel**  
14 **costs? (Issue No. 1c)**

15 A. Utilities engage in fuel price hedging to protect customers from the volatility of  
16 large price movements in the fuel markets. Fuel price hedging results in a  
17 reduction in price volatility, because the high and low prices in each fuel  
18 market are removed in favor of a known fixed price. Fuel price hedging may  
19 not necessarily result in a reduction in fuel costs, as the spot market price of  
20 fuel may be lower than the fixed price position at any given time. Likewise,  
21 the spot market for fuel may be higher than the fixed price position at times,  
22 which results in cost reduction. I would like to point out, however, that  
23 although one cannot predict for any particular hedging transaction whether it  
24 will result in cost savings compared to the spot market, FPL's extensive

1 research and analysis of historical fuel market data indicates that, on  
2 average, forward purchases show a discount relative to the spot market at the  
3 time of maturity. This discount has been observed to increase as the length  
4 of the forward contract increases. ~~Given this analysis, FPL projects that, over~~  
5 ~~time, its Proposed Risk Sharing Plan can achieve a reduction in volatility, as~~  
6 ~~well as, a reduction in costs to its customers.~~

7 **Q. What is the appropriate regulatory treatment for gains and losses an**  
8 **investor-owned electric utility incurs from hedging fuel and purchased**  
9 **power transactions through futures contracts? (Issue No. 2)**

10 A. ~~Under FPL's Proposed Risk Sharing Program, FPL is seeking to modify the~~  
11 ~~current fuel cost recovery mechanism from actual cost to recovery that is~~  
12 ~~based on a combination of an approved market-based, fixed price for a set~~  
13 ~~percentage of actual volume and a market-based, spot index price, for the~~  
14 ~~balance of actual volume. This proposed modification would apply only to the~~  
15 ~~commodity portion of natural gas and residual fuel oil. The difference~~  
16 ~~between FPL's actual cost and the combination of fixed and spot index prices~~  
17 ~~(gains or losses) would not be included for recovery through the Fuel Cost~~  
18 ~~Recovery Clause. If the Commission does not permit FPL to implement the~~  
19 ~~Proposed Risk Sharing Program and continues the current actual-cost~~  
20 ~~recovery mechanism, then gains from futures contracts should be credited to~~  
21 ~~the fuel adjustment clause and losses from futures contracts should be~~  
22 ~~charged to the fuel adjustment clause.~~

1 ~~Q. In FPL's Proposed Risk Sharing Program, is FPL seeking approval for a~~  
2 ~~risk premium to compensate FPL for those risks that FPL takes by~~  
3 ~~agreeing to recover, based on a predetermined fixed price, a set~~  
4 ~~percentage of actual fuel requirements?~~

5 ~~A. Yes, FPL's Proposed Risk Sharing Program assumes that the Commission~~  
6 ~~will allow FPL to recover a market-based risk premium for the inherent risks~~  
7 ~~FPL is transferring from the customer, under the current actual-cost based~~  
8 ~~recovery program, to the shareholder. These inherent risks include timing and~~  
9 ~~execution of fixed price transactions and counterparty risks associated with~~  
10 ~~the availability of credit and with the deliverability of the commodity at the~~  
11 ~~agreed to fixed price. In addition, since FPL's Proposed Risk Sharing~~  
12 ~~Program assumes that the customer will receive a fixed price on a~~  
13 ~~predetermined percentage of actual volume purchased, instead of the~~  
14 ~~projected volume purchased, FPL has transferred the volume risk from the~~  
15 ~~customer to the Company.~~

16 ~~Q. Does FPL's Proposed Risk Sharing Program include an "extreme event"~~  
17 ~~(force majeure) provision associated with unpredictable events?~~

18 ~~A. Yes, FPL's Proposed Risk Sharing Program assumes that in the case of a~~  
19 ~~force majeure event, the Commission will allow recovery of FPL's fuel cost to~~  
20 ~~revert to the existing actual-cost recovery mechanism. A force majeure event~~  
21 ~~is defined as an unpredictable event that results in a residual fuel oil and~~  
22 ~~natural gas generation variance for a given month of at least 45% above the~~  
23 ~~projected level or at least 30% below the projected level. Examples of force~~



1       ~~majeure events are extended unscheduled nuclear outages and acts of God,~~  
2       ~~government and war.~~

3       **Q.    What is the appropriate regulatory treatment for the premiums an**  
4       **investor-owned electric utility receives and pays for hedging fuel and**  
5       **purchased power transactions through options contracts? (Issue No. 3)**

6       A.    ~~Under FPL's Proposed Risk Sharing Program, premiums received or paid for~~  
7       ~~hedging natural gas and residual fuel oil would be part of the commodity cost of~~  
8       ~~fuel procurement and therefore, would not be recovered through the Fuel Cost~~  
9       ~~Recovery Clause. Option premiums received or paid for wholesale power~~  
10       ~~transactions would remain under the current recovery mechanism and, as such,~~  
11       ~~would be recovered through the Capacity Clause. If the Commission does not~~  
12       ~~permit FPL to implement the Proposed Risk Sharing Program and continues the~~  
13       ~~current actual-cost recovery mechanism, then premiums received for option~~  
14       contracts should be credited to the fuel adjustment clause, and premiums paid  
15       for option contracts should be charged to the fuel adjustment clause.

16       **Q.    What is the appropriate regulatory treatment for the transaction costs**  
17       **an investor-owned electric utility incurs from hedging its fuel and**  
18       **purchased power transactions through futures and options contracts?**  
19       **(Issue No. 4)**

20       A.    ~~Under FPL's Proposed Risk Sharing Program, transaction costs are a~~  
21       component of the non-commodity costs associated with hedging fuel and  
22       wholesale energy (e.g., broker commissions, fees, costs of margin  
23       requirements) and should be included for recovery through the Fuel Cost  
24       Recovery Clause. Additionally, FPL believes that it is appropriate to continue

1 to recover natural gas and residual fuel oil non-commodity related costs, such  
2 as basis and transportation, through the Fuel Cost Recovery Clause on a  
3 dollar-for-dollar basis. ~~FPL would recommend the same treatment if the~~  
4 ~~Commission does not permit FPL to implement the Proposed Risk Sharing~~  
5 ~~Program and continues the current actual cost recovery mechanism.~~

6 **Q. What is the appropriate regulatory treatment for costs an investor-**  
7 **owned electric utility incurs from developing, implementing and**  
8 **maintaining a hedging program?**

9 ~~FPL believes it is appropriate for the Commission to allow recovery through~~  
10 ~~the Fuel Cost Recovery Clause of the prudent costs incurred while~~  
11 ~~developing and implementing the risk management and trading system~~  
12 ~~necessary to monitor and successfully execute its Proposed Risk Sharing~~  
13 ~~Program. FPL currently estimates its costs for development and~~  
14 ~~implementation to be approximately \$3 million. Additionally, FPL believes it~~  
15 ~~is appropriate for the Commission to allow recovery through the Fuel Cost~~  
16 ~~Recovery Clause of the incremental cost of maintaining and operating the~~  
17 ~~trading floor associated with the risk management plan. FPL currently~~  
18 ~~estimates its incremental costs to be approximately \$1 million, annually.~~

19 ~~**Q.Should purchased power and sales transactions be included as part of a**~~  
20 ~~**utilities hedging program?**~~

21 ~~A. FPL engages in wholesale power trading to help realize its overall goals of~~  
22 ~~asset optimization and an optimal portfolio of energy sources for FPL's~~  
23 ~~customers. Wholesale power trading has a direct impact on fuel~~

1 requirements and the economic dispatch of FPL's system. For these  
2 reasons, FPL believes that power transactions should be included as part of a  
3 hedging program. Purchased power, as well as sales transactions help to  
4 reduce fuel costs to FPL's customers. Under FPL's Proposed Risk Sharing  
5 Program, FPL's customers and FPL would share savings and gains  
6 associated with wholesale power transactions. FPL is proposing a sharing  
7 mechanism of 80% to FPL's customers and 20% to FPL on all wholesale  
8 power transactions. Savings associated with purchased power transactions  
9 would be calculated under the established methodology used for the  
10 Commission Fuel Cost Recovery Schedule A9. Gains associated with non-  
11 separated wholesale sales would be calculated under the established  
12 methodology used for the Commission Fuel Cost Recovery Schedules A6  
13 and A6a. FPL believes that this sharing mechanism will provide appropriate  
14 incentives for FPL to maximize its gains from wholesale customers, to the  
15 benefit of its customers.

16  
17 **Q. What incentive(s), if any, should the Commission establish to**  
18 **encourage investor-owned electric utilities to optimally manage the**  
19 **risks to ratepayers associated with fuel and purchased power price**  
20 **volatility? (Issue No. 7)**

21 **A.** On June 5, 2002, FPL filed a Proposed Risk Sharing Program with the  
22 Commission. Since the Commission Workshop, held on June 17, 2002, FPL  
23 has revised the Implementation/Approval section of this plan. FPL's revised  
24 Program is my Document JPS-1. FPL believes that its proposed program

1 includes the appropriate incentives to encourage FPL to aggressively  
2 manage both the volatility and price risks associated with fuel and purchased  
3 power transactions. FPL's proposal also transfers to FPL some of the risks  
4 that its customers currently bear. FPL believes that it is appropriate to bring  
5 this proposal forward for Commission consideration and approval.

6 **Q. Do you have any examples of how implementing FPL's Proposed Risk**  
7 **Sharing Program would affect FPL's customers compared to continuing**  
8 **under the current actual-cost recovery mechanism (status quo)?**

9 A. Yes. An example of hypothetical calculations under FPL's Proposed Risk  
10 Sharing program are included as Document JPS-2.

11 **Q. Does that conclude your testimony?**

12 A. Yes it does.