

STEEL ■
HECTOR
& DAVIS
INTERNATIONAL™

Steel Hector & Davis LLP
200 South Biscayne Boulevard
Suite 4000
Miami, FL 33131-2398
305.577.7000
305.577.7001 Fax
www.steelhector.com

John T. Butler, P.A.
305.577.2939
jtb@steelhector.com

June 22, 2002

VIA FEDERAL EXPRESS

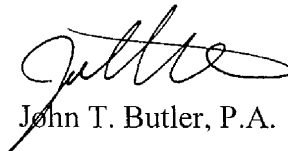
Blanca S. Bayó
Director, Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 011605-EI

Dear Ms. Bayó:

I am enclosing for filing the original and fifteen (15) copies of the prefiled testimony and exhibits of Florida Power & Light Company witnesses Joseph P. Stepenovitch and Korel M. Dubin.

Sincerely,


John T. Butler, P.A.

Copy to: All parties of record

DOCUMENT NUMBER - 011605-EI
06463 JUN 24 2002
FPSC-COMMISSION CLERK

CERTIFICATE OF SERVICE
Docket Nos. 011605-EI

I HEREBY CERTIFY that a true and correct copy of the prefiled testimony and exhibits of Florida Power & Light Company witnesses Joseph P. Stepenovitch and Korel M. Dubin have been furnished by United States Mail this 22nd day of June, 2002, to the following:

Susan D. Ritenour
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780

Angela Llewellyn
Regulatory Affairs
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601-0111

James Beasley/Lee Willis
Ausley & McMullen Law Firm
227 South Calhoun Street
Tallahassee, FL 32301

William Cochran Keating IV
Senior Attorney
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

James A. McGee
P.O. Box 14042
St. Petersburg, FL 33733-4042

Paul Lewis, Jr., Esq.
Florida Power Corporation
106 E. College Avenue, Suite 800
Tallahassee, FL 32330-7740

John Attaway
P.O. Box 32015
Lakeland, FL 33802-2018

Florida Industrial Power Users Group
c/o John McWhirter, Jr., Esq.
McWhirter Reeves Law Firm
P.O. Box 3350
Tampa, FL 33601-3350

Jeffrey Stone/Russell A. Badders,
Beggs and Lane Law Firm
P.O. Box 12950
Pensacola, FL 32576-2950

Joseph A. McGlothlin, Esq.
Vicki Gordon Kaufman, Esq.
McWhirter Reeves
117 South Gadsden
Tallahassee, FL 32301

Robert Vandiver, Esq.
Office of Public Counsel
c/o The Florida Legislature
111 W. Madison Street, Room 812
Tallahassee, FL 32399-1400

Michael G. Briggs
Reliant Energy, Inc.
801 Pennsylvania Ave, Suite 620
Washington, D.C. 20004

Myron Rollins
P.O. Box 8405
Kansas City, MO 64114

By: _____



John T. Butler, P.A.

MIA2001 108396v1

**BEFORE THE FLORIDA
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 011605-EI
FLORIDA POWER & LIGHT COMPANY**

JUNE 24, 2002

**IN RE: REVIEW OF INVESTOR-OWNED
ELECTRIC UTILITIES' RISK MANAGEMENT
POLICIES AND PROCEDURES**

TESTIMONY & EXHIBITS OF:

**J. P. STEPENOVITCH
K. M. DUBIN**

DOCUMENT NUMBER DATE

06463 JUN 24 8

FPSC-COMMISSION CLERK

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

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**
20 **a 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.

**Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI**

**JPS-1
Docket No. 011605-EI
FPL Witness: J. P. Stepenovitch
Exhibit _____
Pages 1 – 6
June 24, 2002**

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

OBJECTIVE

To reduce fuel cost volatility to FPL's customers

SUMMARY OF FPL's PLAN

- To become effective for the 2003 Fuel Cost Recovery period.
- Applies only to the commodity portion of the delivered price of residual fuel oil and natural gas; all other fuels, as well as the non-commodity portion of residual fuel oil and natural gas, charged at actual cost under present recovery mechanism. The following discussion relates to residual fuel oil and natural gas recovery.
- Customers will not pay actual fuel cost.
- Instead, customers will pay an average cost based on an agreed percentage of the volume at a fixed price and the remainder of the volume at a spot index price.
- FPL assumes risks inherent in the hedging program.
- The fixed price will also include a small risk premium to compensate FPL for those risks that FPL takes by agreeing to recover, based on a pre-determined fixed price, a set percentage of actual fuel requirements.
- FPL's Proposed Plan includes an "extreme event" (force majeure) provision associated with unpredictable events.
- FPL's Proposed Plan also calls for a sharing of the savings associated with purchased power and sales transactions.

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

FPL's PROPOSED PLAN

1. For fuel, FPL's Proposed Plan applies to the "commodity portion" of natural gas and residual fuel oil only.
2. Under FPL's Proposed Plan, beginning in 2003, FPL will no longer recover actual residual fuel oil and natural gas costs. Instead, FPL will recover the commodity cost for residual fuel oil and natural gas on an average fixed price and spot indexed price basis where –
 - a) FPL will agree to recover a predetermined percentage of the actual volume purchased for natural gas and residual fuel oil, at an agreed fixed price for each fuel. Each year, prior to FPL's Fuel Cost Recovery Projection filing, FPL will seek Commission approval of the percentage of volume purchased and the methodology to determine the fixed prices to be used for the upcoming year.

AND

- b) The balance of the actual natural gas and residual fuel oil purchases will be based on an agreed spot index price.

AND

- c) FPL will assume risks inherent in the hedging process and to compensate FPL for these risks, the Plan assumes the Commission will allow FPL to recover a risk premium.

(See Approval/ Implementation Process section.)

3. FPL's Proposed Plan assumes that the Commission will allow recovery of all prudent transaction/hedging costs (e.g., broker commissions, fees, costs of margin requirements, the cost of developing and implementing the risk management system, the incremental cost of maintaining and operating the trading floor associated with the risk management plan), and natural gas and residual fuel oil non-commodity related costs (e.g., basis, transportation.), on a dollar-for-dollar basis.
 4. FPL's Proposed Plan assumes that in the case of a force majeure event, the Commission will allow recovery of FPL's fuel cost to revert to the existing actual-cost recovery mechanism. A force majeure event is defined as unpredictable events that result in a residual fuel oil and natural gas

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

generation variance for a given month of at least 45% above the projected level or at least 30% below the projected level. Examples of force majeure events are extended unscheduled nuclear outages and acts of God, government and war.

5. FPL's Proposed Plan will not change the format of the Fuel Cost Recovery filing requirements, i.e., E-Schedules and A-Schedules. These schedules will continue to reflect the costs to be recovered from FPL's customers.
6. Under FPL's Proposed Plan, FPL's customers and FPL will share (80% to FPL's customers and 20% to FPL) savings/gains associated with wholesale power transactions. Savings associated with purchase power transactions would be calculated under the established methodology used for the Commission Fuel Cost Recovery Schedule A9. Gains associated with non-separated wholesale sales would be calculated under the established methodology used for the Commission Fuel Cost Recovery Schedules A6 and A6a.
7. Under FPL's Proposed Plan, the true-up mechanism will work in the same manner that it currently does where monthly and annual over- and under-recoveries are deferred and recovered in subsequent fuel adjustment periods. However, for residual fuel oil and natural gas, the fuel prices used to calculate the recoverable fuel costs will be based upon the fixed prices and spot price indices approved by stipulation as described in the Approval/ Implementation Section of this plan. For all other fuel types, the recoverable fuel costs will continue to be based on actual fuel prices paid by FPL. Consistent with the existing Fuel Cost Recovery Clause, these recoverable fuel costs for all fuel types will be totaled and compared to actual monthly fuel revenues to determine the over- and under- recoveries each month. The over- and under-recoveries will be deferred and recovered in subsequent fuel adjustment periods.
8. All other components of the Fuel and Purchased Power Cost Recovery Factor will remain unchanged from the current regulatory treatment.

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

Approval/ Implementation Process

1. On April 1st of each year FPL will file a proposed stipulation containing the percentage of fuel volume that will be recovered on a fixed-price basis, the methodology to determine the fixed prices, the spot price indices, and the percent risk premium to be used for the upcoming year beginning in January. In order to ensure the maximum benefit to FPL's customers, FPL will request confidential treatment for this information. At the same time it is filed, the proposed stipulation and accompanying confidential information will be provided, on a confidential basis, to Staff, the Office of Public Counsel and the Florida Industrial Power Users Group (FIPUG), and also to other parties that have been granted intervention in the fuel adjustment docket as the Commission determines is necessary to protect legitimate interests of FPL retail customers. The reviewing parties have until the end of May to review the filing, discuss it with FPL and advise whether they will concur in the stipulation.
2. FPL will request that the proposed stipulation be addressed at the first Agenda Conference in June for Commission approval.
3. The Company will implement this stipulation and include it in the calculation of their September Fuel Cost Recovery filing for the following year only if :
 - all parties agree to the Stipulation and,
 - the Commission approves the Stipulation.
4. If the conditions listed in item no. 3 do not occur, then the proposed stipulation will not become the basis for the fuel cost recovery charge in the coming year. In that event, FPL will have the option to submit a second (revised) proposed stipulation (on a confidential basis) along with its September fuel filing. This revised proposed stipulation will contain the percentage of fuel volume that will be recovered on a fixed-price basis, the methodology to determine the fixed prices, the spot price indices, and the percent risk premium to be used for a portion of the upcoming year beginning in February. FPL will request that this revised proposed stipulation be addressed at the November Fuel Hearing for Commission approval.
5. If approved by the Commission, the Company will implement this stipulation effective in February. If it is not approved, then all fuel volume will be recovered in the upcoming year based on the existing actual-cost recovery mechanism.

**Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI**

Transition Period

1. A transition filing will be made for the first year 2003 as soon as practicable after the conclusion of the Hedging Docket No. 011605-EI. FPL will submit a proposed stipulation (on a confidential basis) to become effective in January 2003. This filing will contain the percentage of fuel volume that will be recovered on a fixed-price basis, the methodology to determine the fixed prices, the spot price indices, and the percent risk premium to be used for the upcoming year beginning in January 2003.
2. The parties will have 21 days thereafter to review the proposed stipulation and confidential information, ask FPL clarifying questions and confirm to FPL that they do or do not concur with the stipulation (including any modifications to which FPL and the parties have agreed).
3. FPL will request that this proposed stipulation be addressed at the next available Agenda Conference for Commission approval.
4. If approved by the Commission, the Company will implement this stipulation effective in January 2003.
5. If time does not permit the transition schedule described in items 1 through 3 above, FPL will submit the proposed stipulation (on a confidential basis) with its September 20, 2002 projection filing to become effective in February 2003 (rather than January). In this case, FPL will request that this proposed stipulation be addressed at the November 20-22, 2002 Fuel Hearing for Commission approval. And, if approved by the Commission, the Company will implement this stipulation effective in February 2003. (Note: One fuel factor will be set as usual for the twelve months, January through December 2003.)

FPL's Proposed Risk Sharing Program vs. Status Quo (Current Actual Cost Recovery Mechanism)

By Assumption Only:
 Fixed % = 20%
 Spot % = 80%
 Risk Premium = 5%

Forecasting and Fuel Charge Setting

- Spot Price Forecast \$2.40/MMBTU
- Forward Price Index \$2.20/MMBTU
- Forecast Generation 20,000 kWh
- Volume Forecast 100 MMBTU

Status Quo (Current Actual Fuel Cost Recovery Mechanism)

- Fuel Charge equals forecasted spot price per MMBTU
- Forecasted Fuel Charge = $100\% \times \$2.4 = \$2.4/\text{MMBTU}$
- Forecasted Fuel Charge/kWh = $\$2.4 \times \frac{100 \text{ MMBTU}}{20000 \text{ kWh}} = 1.2\text{¢}/\text{kWh}$

FPL's Proposed Risk Sharing Program

- Forward Price Index becomes \$2.31/MMBTU including 5% risk premium
- Acquire 20% of forecast volume (20 units) at actual available forward price of \$2.21/MMBTU
- Forecasted Fuel Charge = $80\% \times \$2.40 + 20\% \times \$2.31 = \$2.382/\text{MMBTU}$
- Forecasted Fuel Charge/kWh = $\frac{\$2.382 \times 100 \text{ MMBTU}}{20000 \text{ kWh}} = 1.19\text{¢}/\text{kWh}$

Random Events Index and Actual Prices

- Actual Spot Price Index Value \$2.70
- Actual Spot Price Paid \$2.71 (paid 1¢ above index)
- Actual Available Forward Price \$2.21 (paid 1¢ above index)
- Actual Generation 21,000 kWh
- Actual Volume Burned is 110 MMBTU (10% variance)

True Up Based on Spot Price Index and Actual Volume

JPS-2
Docket No. 011605-EI
FPL Witness: J. P. Stepenovitch
Exhibit _____
Page 1 of 2
June 24, 2002

FPL Proposed Risk Sharing Program vs. Status Quo (Current Actual Cost Recovery Mechanism)

-Example-

	Status Quo	FPL's Proposed Risk Sharing Program
• Fuel Charge Collected	$1.2\text{¢} \times 21,000 \text{ kWh}$ = \$252	$1.19\text{¢} \times 21,000 \text{ kWh}$ = \$250.1
• Required Recovery	$110 \times \$2.71 = \298.1	$(.8 \times 110) \times \$2.7 +$ $(.2 \times 110) \times \$2.31 =$ \$288.4
• True-up in 2003	(Collected – Actual) (\$46.1)	(Collected – Index) (\$38.3)
• Actual Fuel Cost	Actual Prices Paid × Volume Burned = $110 \times \$2.71$ = \$298.1	$90 \times \$2.71 +$ $20 \times \$2.21$ = \$288.1
• Customer Volume Risk (vs. 20% Actual Volume)	NA	\$0
• The Company Volume Risk	\$0	$2 \text{ units} \times (\$.4) = (\$0.8)$
• Customer Benefit vs Status Quo	NA	Required Recovery (Status Quo – the Company's Plan) $\$298.1 - \288.4 = \$9.7
• The Company Benefit vs. Status Quo	NA	Required Recovery – Actual Fuel Cost = $\$288.4 - \288.1 = \$0.3

By Assumption Only: Fixed % = 20% Spot % = 80% Risk Premium = 5%

JPS-2 Docket No. 011605-EI FPL Witness: J. P. Stepenovitch Exhibit _____ Page 2 of 2 June 24, 2002

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
FLORIDA POWER & LIGHT COMPANY
TESTIMONY OF KOREL M. DUBIN
DOCKET NO. 011605-EI
June 24, 2002

Q. Please state your name, business address, employer and position.

A. My name is Korel M. Dubin, and my business address is 9250 West Flagler Street, Miami, Florida, 33174. I am employed by Florida Power & Light Company (FPL) as the Manager of Regulatory Issues in the Regulatory Affairs Department.

Q. Please state your education and business experience.

A. I received a Bachelor of Arts in Political Science from Emory University in 1980 and in 1982 I received a Master of Business Administration from Barry University. In June 1982, I joined Florida Power and Light Company's Fossil Fuel Section of the Fuel Resources Department. From 1982 through 1985 my responsibilities included administration of fuel supply and operations contracts, development of procurement procedures, research/analysis of transportation options and by-product sales, and support for regulatory filings. In December of 1985 I joined the Rates and Research Department as a Rate Analyst. Since 1985, I have held various positions of increasing responsibility in the Rates and Research Department and the Regulatory Affairs Department and my primary responsibilities have been in the area of the

1 adjustment clause filings. In June 2000 I became Manager of Regulatory
2 Issues in the Regulatory Affairs Department where I am primarily responsible
3 for the coordination, development, and preparation of the Company's Fuel,
4 Capacity and Environmental Cost Recovery filings. I am a company witness
5 in these clause dockets.

6

7 **Q. Have you prepared or caused to be prepared under your direction,**
8 **supervision or control an exhibit in this proceeding?**

9 A. Yes, I have. It consists of the following Document:

10 Document KMD-1, FPL's Proposed Risk Sharing Plan.

11

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

13 A. The purpose of my testimony is to address FPL's proposed approval/
14 implementation process for FPL's Proposed Risk Sharing Plan as well as the
15 impact of the Plan on the Fuel Cost Recovery process.

16

17 **Q. When does FPL propose to implement its Proposed Risk Sharing Plan**
18 **initially?**

19 A. FPL would like to begin implementation in 2003, so that customers will begin
20 to benefit from volatility reduction as soon as possible.

21

22 **Q. How does FPL propose to implement its Proposed Risk Sharing Plan in**
23 **2003?**

1 A. As Mr. Stepenovitch has explained in greater detail, the Proposed Risk
2 Sharing Plan is based upon charging customers for the commodity portion of
3 residual fuel oil and natural gas purchases based upon agreed market-based
4 fixed prices and spot price indices, rather than upon FPL's actual costs for
5 those fuels. FPL proposes to file as soon as practicable after the conclusion
6 of the Hedging Docket No. 011605-EI, a proposed stipulation for the
7 methodology that will be used for 2003, together with confidential information
8 describing and explaining the following: the proposed fixed price percentage
9 of actual purchases for 2003, the methodology proposed to be used for
10 setting the fixed prices for 2003, the proposed spot price indices to be used
11 for the remaining percentage of residual fuel oil and natural gas actual
12 purchases in 2003, and the percent risk premium to be used in 2003.

13
14 At the time of filing, the stipulation and accompanying confidential information
15 would be provided, subject to a confidentiality order, to Staff, Public Counsel,
16 FIPUG, and any other party that the Commission determines legitimately
17 needs to see the information to protect the interests of FPL retail customers.
18 The parties will have 21 days thereafter to review the proposed stipulation
19 and confidential information, ask FPL clarifying questions and confirm to FPL
20 that they do or do not concur with the stipulation (including any modifications
21 to which FPL and the parties have agreed). If all parties concur in the
22 stipulation, then FPL proposes that the Commission consider the stipulation
23 at the next available Agenda Conference. If approved, the stipulation will
24 provide the basis for FPL to charge customers for the commodity portion of

1 residual fuel oil and natural gas purchased during the period January 2003
2 through December 2003.

3

4 If time does not permit the transition schedule described above, FPL will
5 submit the proposed stipulation (on a confidential basis) with its September
6 20, 2002 projection filing to become effective in February 2003 (rather than
7 January). In this case, FPL will request that this proposed stipulation be
8 addressed at the November 20-22, 2002 Fuel Hearing for Commission
9 approval. And, if approved by the Commission, the Company will implement
10 this stipulation effective in February 2003. (Note: One fuel factor will be set as
11 usual for the twelve months, January through December 2003.) Under either
12 schedule, if the stipulation were not approved, then residual fuel oil and
13 natural gas purchased during the remainder of 2003 would be charged on the
14 existing actual-cost basis.

15

16 **Q. How does FPL propose to implement the Proposed Risk Sharing Plan**
17 **after 2003?**

18 A. In following years, we will have the benefit of more time, which will allow the
19 approval process to conclude in time for FPL to make fixed-price
20 commitments further in advance and thus take advantage of the greater price
21 stability and forward discounts that Mr. Stepenovitch has described. For 2004
22 and beyond, FPL proposes to file its proposed stipulation and accompanying
23 confidential information on April 1st of the prior year (e.g., April 1, 2003 for
24 2004) and that the reviewing parties have until the end of May to review the

1 filing, discuss it with FPL and advise whether they will concur in the
2 stipulation. If all parties concur, FPL would then ask the Commission to
3 consider the stipulation at the first Agenda Conference in June, so that, if the
4 Commission approves the stipulation, FPL will be able to implement it for the
5 upcoming year beginning in January. This would allow FPL to enter into,
6 forward contracts for the fixed-price percentage of residual fuel oil and natural
7 gas well in advance of the delivery of those fuels, which Mr. Stepenovitch
8 explains is advantageous to take advantage of the opportunity to stabilize
9 prices and realize forward discounts.

10

11 If the proposed stipulation is not approved, then the proposed stipulation will
12 not become the basis for the fuel cost recovery charge in the coming year. In
13 that event, FPL will have the option to submit a second (revised) proposed
14 stipulation (on a confidential basis) along with its September fuel filing. This
15 revised proposed stipulation will contain the percentage of fuel volume that
16 will be recovered on a fixed-price basis, the methodology to determine the
17 fixed prices, the spot price indices, and the percent risk premium to be used
18 for the upcoming year beginning in February (rather than January). FPL will
19 request that this revised proposed stipulation be addressed at the November
20 Fuel Hearing for Commission approval. If approved by the Commission, the
21 Company will implement this stipulation effective in February. If it is not
22 approved, then all fuel volume will be recovered in the upcoming year based
23 on the existing actual-cost recovery mechanism.

1 **Q. Why does FPL propose to revisit the fuel-pricing methodology each**
2 **year, rather than simply continuing to implement the methodology**
3 **approved for 2003?**

4 A. FPL expects that circumstances may change over time that make the
5 elements of that methodology less appropriate for future years. As a simple
6 example, FPL's view of the market may result in a decision to increase or
7 decrease the percent of fixed price purchases for the following year. FPL may
8 also learn of other indices or other price-determination mechanisms that
9 would result in more representative fixed and spot index prices than those
10 used initially. Unless the methodology is revisited by the Commission each
11 year, this opportunity for enhancement could be lost.

12

13 **Q. During the first year of the Proposed Risk Sharing Plan, will any**
14 **transition adjustments be necessary?**

15 A. Yes. Since residual fuel oil is charged to customers when burned using a
16 weighted average inventory cost, an adjustment will be needed when the
17 Proposed Risk Sharing Plan first starts. The 2003 weighted average
18 inventory cost for the month ending just prior to the month of implementation
19 will need to be reflected in the price charged to customers. After
20 approximately two months of oil burns the elements of the Proposed Risk
21 Sharing Plan will be in full effect.

22

23 **Q. Under FPL's proposed plan, what will be the impact on the Fuel Cost**
24 **Recovery filing requirements?**

1 A. FPL's Proposed Plan will not change the format of the Fuel Cost Recovery
2 filing requirements, i.e., E-Schedules and A-Schedules. These schedules will
3 continue to reflect the costs to be recovered from FPL's customers.
4 Additionally, FPL will provide the documentation, on a confidential basis, that
5 is necessary to audit the fixed price position.

6

7 **Q. Under FPL's proposed plan, how will the true up mechanism work?**

8 A. Under FPL's Proposed Plan, the true-up mechanism will work in the same
9 manner that it currently does where monthly and annual over- and under-
10 recoveries are deferred and recovered in subsequent fuel adjustment periods.

11 However, for residual fuel oil and natural gas, the fuel prices used to
12 calculate the recoverable fuel costs will be based upon the fixed prices and
13 spot price indices approved by stipulation as described in the Approval/
14 Implementation Section of this plan. For all other fuel types and the non-
15 commodity portion of residual fuel oil and natural gas, the recoverable fuel
16 costs will continue to be based on actual fuel prices paid by FPL. Consistent
17 with the existing Fuel Cost Recovery Clause, the recoverable fuel costs for all
18 fuel types will be totaled and compared to actual monthly fuel revenues to
19 determine the over- and under- recoveries each month. The over- and under-
20 recoveries will be deferred and recovered in subsequent fuel adjustment
21 periods.

22

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

24 A. Yes, it does.

**Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI**

**KMD-1
Docket No. 011605-EI
FPL Witness: K. M. Dubin
Exhibit _____
Pages 1 – 6
June 24, 2002**

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

OBJECTIVE

To reduce fuel cost volatility to FPL's customers

SUMMARY OF FPL's PLAN

- To become effective for the 2003 Fuel Cost Recovery period.
- Applies only to the commodity portion of the delivered price of residual fuel oil and natural gas; all other fuels, as well as the non-commodity portion of residual fuel oil and natural gas, charged at actual cost under present recovery mechanism. The following discussion relates to residual fuel oil and natural gas recovery.
- Customers will not pay actual fuel cost.
- Instead, customers will pay an average cost based on an agreed percentage of the volume at a fixed price and the remainder of the volume at a spot index price.
- FPL assumes risks inherent in the hedging program.
- The fixed price will also include a small risk premium to compensate FPL for those risks that FPL takes by agreeing to recover, based on a pre-determined fixed price, a set percentage of actual fuel requirements.
- FPL's Proposed Plan includes an "extreme event" (force majeure) provision associated with unpredictable events.
- FPL's Proposed Plan also calls for a sharing of the savings associated with purchased power and sales transactions.

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

FPL's PROPOSED PLAN

1. For fuel, FPL's Proposed Plan applies to the "commodity portion" of natural gas and residual fuel oil only.
2. Under FPL's Proposed Plan, beginning in 2003, FPL will no longer recover actual residual fuel oil and natural gas costs. Instead, FPL will recover the commodity cost for residual fuel oil and natural gas on an average fixed price and spot indexed price basis where –
 - a) FPL will agree to recover a predetermined percentage of the actual volume purchased for natural gas and residual fuel oil, at an agreed fixed price for each fuel. Each year, prior to FPL's Fuel Cost Recovery Projection filing, FPL will seek Commission approval of the percentage of volume purchased and the methodology to determine the fixed prices to be used for the upcoming year.

AND

- b) The balance of the actual natural gas and residual fuel oil purchases will be based on an agreed spot index price.

AND

- c) FPL will assume risks inherent in the hedging process and to compensate FPL for these risks, the Plan assumes the Commission will allow FPL to recover a risk premium.

(See Approval/ Implementation Process section.)

3. FPL's Proposed Plan assumes that the Commission will allow recovery of all prudent transaction/hedging costs (e.g., broker commissions, fees, costs of margin requirements, the cost of developing and implementing the risk management system, the incremental cost of maintaining and operating the trading floor associated with the risk management plan), and natural gas and residual fuel oil non-commodity related costs (e.g., basis, transportation.), on a dollar-for-dollar basis.
4. FPL's Proposed Plan assumes that in the case of a force majeure event, the Commission will allow recovery of FPL's fuel cost to revert to the existing actual-cost recovery mechanism. A force majeure event is defined as unpredictable events that result in a residual fuel oil and natural gas

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

generation variance for a given month of at least 45% above the projected level or at least 30% below the projected level. Examples of force majeure events are extended unscheduled nuclear outages and acts of God, government and war.

5. FPL's Proposed Plan will not change the format of the Fuel Cost Recovery filing requirements, i.e., E-Schedules and A-Schedules. These schedules will continue to reflect the costs to be recovered from FPL's customers.
6. Under FPL's Proposed Plan, FPL's customers and FPL will share (80% to FPL's customers and 20% to FPL) savings/gains associated with wholesale power transactions. Savings associated with purchase power transactions would be calculated under the established methodology used for the Commission Fuel Cost Recovery Schedule A9. Gains associated with non-separated wholesale sales would be calculated under the established methodology used for the Commission Fuel Cost Recovery Schedules A6 and A6a.
7. Under FPL's Proposed Plan, the true-up mechanism will work in the same manner that it currently does where monthly and annual over- and under-recoveries are deferred and recovered in subsequent fuel adjustment periods. However, for residual fuel oil and natural gas, the fuel prices used to calculate the recoverable fuel costs will be based upon the fixed prices and spot price indices approved by stipulation as described in the Approval/ Implementation Section of this plan. For all other fuel types, the recoverable fuel costs will continue to be based on actual fuel prices paid by FPL. Consistent with the existing Fuel Cost Recovery Clause, these recoverable fuel costs for all fuel types will be totaled and compared to actual monthly fuel revenues to determine the over- and under- recoveries each month. The over- and under-recoveries will be deferred and recovered in subsequent fuel adjustment periods.
8. All other components of the Fuel and Purchased Power Cost Recovery Factor will remain unchanged from the current regulatory treatment.

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

Approval/ Implementation Process

1. On April 1st of each year FPL will file a proposed stipulation containing the percentage of fuel volume that will be recovered on a fixed-price basis, the methodology to determine the fixed prices, the spot price indices, and the percent risk premium to be used for the upcoming year beginning in January. In order to ensure the maximum benefit to FPL's customers, FPL will request confidential treatment for this information. At the same time it is filed, the proposed stipulation and accompanying confidential information will be provided, on a confidential basis, to Staff, the Office of Public Counsel and the Florida Industrial Power Users Group (FIPUG), and also to other parties that have been granted intervention in the fuel adjustment docket as the Commission determines is necessary to protect legitimate interests of FPL retail customers. The reviewing parties have until the end of May to review the filing, discuss it with FPL and advise whether they will concur in the stipulation.
2. FPL will request that the proposed stipulation be addressed at the first Agenda Conference in June for Commission approval.
3. The Company will implement this stipulation and include it in the calculation of their September Fuel Cost Recovery filing for the following year only if :
 - all parties agree to the Stipulation and,
 - the Commission approves the Stipulation.
4. If the conditions listed in item no. 3 do not occur, then the proposed stipulation will not become the basis for the fuel cost recovery charge in the coming year. In that event, FPL will have the option to submit a second (revised) proposed stipulation (on a confidential basis) along with its September fuel filing. This revised proposed stipulation will contain the percentage of fuel volume that will be recovered on a fixed-price basis, the methodology to determine the fixed prices, the spot price indices, and the percent risk premium to be used for a portion of the upcoming year beginning in February. FPL will request that this revised proposed stipulation be addressed at the November Fuel Hearing for Commission approval.
5. If approved by the Commission, the Company will implement this stipulation effective in February. If it is not approved, then all fuel volume will be recovered in the upcoming year based on the existing actual-cost recovery mechanism.

Florida Power & Light Company
Fuel Cost Recovery
Proposed Risk Sharing Program Revised 6/24/02
Docket No. 011605-EI

Transition Period

1. A transition filing will be made for the first year 2003 as soon as practicable after the conclusion of the Hedging Docket No. 011605-EI. FPL will submit a proposed stipulation (on a confidential basis) to become effective in January 2003. This filing will contain the percentage of fuel volume that will be recovered on a fixed-price basis, the methodology to determine the fixed prices, the spot price indices, and the percent risk premium to be used for the upcoming year beginning in January 2003.
2. The parties will have 21 days thereafter to review the proposed stipulation and confidential information, ask FPL clarifying questions and confirm to FPL that they do or do not concur with the stipulation (including any modifications to which FPL and the parties have agreed).
3. FPL will request that this proposed stipulation be addressed at the next available Agenda Conference for Commission approval.
4. If approved by the Commission, the Company will implement this stipulation effective in January 2003.
5. If time does not permit the transition schedule described in items 1 through 3 above, FPL will submit the proposed stipulation (on a confidential basis) with its September 20, 2002 projection filing to become effective in February 2003 (rather than January). In this case, FPL will request that this proposed stipulation be addressed at the November 20-22, 2002 Fuel Hearing for Commission approval. And, if approved by the Commission, the Company will implement this stipulation effective in February 2003. (Note: One fuel factor will be set as usual for the twelve months, January through December 2003.)