

STEEL ■  
HECTOR  
■ DAVIS

Steel Hector & Davis LLP  
215 South Monroe, Suite 601  
Tallahassee, Florida 32301-1804  
904.222.2300  
904.222.8410 Fax

ORIGINAL  
FILE COPY

Matthew M. Childs, P.A.

August 7, 1996

Ms. Blanca S. Bayó, Director  
Division of Records and Reporting  
Florida Public Service Commission  
4075 Esplanade Way, Room 110  
Tallahassee, FL 32399

RE: DOCKET NO. 960001-EI

ACK \_\_\_\_\_ Dear Ms. Bayó:

AFA \_\_\_\_\_  
APP \_\_\_\_\_ Enclosed for filing please find the original and fifteen  
CAF \_\_\_\_\_ (15) copies of Florida Power & Light Company's Revised Generating  
Performance Incentive Factor (GPIF) Testimony of R. Silva.

CMU \_\_\_\_\_

Very truly yours,

CTR \_\_\_\_\_  
EAG 5-Baw

  
Matthew M. Childs, P.A.

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AUG 7 1996  
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SEC 1 Enclosures

WAS \_\_\_\_\_  
OTH \_\_\_\_\_ cc: All Parties of Record

FILE COPY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

REVISED TESTIMONY OF RENE SILVA

DOCKET NO. 960001-EI

AUGUST 7, 1996

1 Q Please state your name and address.

2 A. My name is Rene Silva. My business address is 9250 W. Flagler  
3 Street, Miami, Florida 33174.

4

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

6 A. I am employed by Florida Power & Light Company (FPL) as Manager  
7 of Forecasting and Regulatory Response in the Power Generation  
8 Business Unit.

9

10 Q. Have you previously testified in this docket?

11 A. Yes.

12

13 Q. What is the purpose of your testimony?

14 A. The purpose of my testimony is to provide corrections to my

1           Generating Performance Incentive Factor (GPIF) Testimony that was  
2           filed on June 24, 1996.

3

4   **Q.   Please describe the correction.**

5   A.   Due to changes in FPL's computer program, the Equivalent  
6       Availability Factor (EAF) for Martin Unit 3, Putnam Units 1 & 2,  
7       Turkey Point Unit 4, and St. Lucie Unit 2 were calculated incorrectly.  
8       The EAF reported in my testimony were 95.2%, 89.3%, 87.8%, 89.2%  
9       and 81.2%, respectively. The correct EAFs are 94.5%, 87.3%, 88.0%,  
10      89.4% and 81.5%, respectively.

11

12   **Q.   Have you prepared any exhibits that reflect this correction?**

13   A.   Yes. I have provided two revised pages to my Document No. 1. They  
14       are pages 6 and 10. These pages reflect the correct numbers for the  
15       Equivalent Availability Factors.

16

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

18   A.   Yes, it does.

19

20

21

## GPIF TARGET AND RANGE SUMMARY

FLORIDA POWER & LIGHT COMPANY  
 PERIOD OF: OCTOBER 1996 THROUGH SEPTEMBER 1997

Plant / Unit	Weighting Factor (%)	EAF Target (%)	EAF Range		Max. Fuel Savings (\$000's)	Max. Fuel Loss (\$000's)
			Max. (%)	Min. (%)		
Cape Canaveral 1	0.12	93.5	96.0	91.0	41.74	-41.73
Cape Canaveral 2	0.10	92.7	95.2	90.2	34.84	-34.78
Lauderdale 4	0.98	93.4	95.4	91.4	326.87	-326.84
Lauderdale 5	0.97	91.8	93.8	89.8	324.91	-324.95
Fort Myers 2	0.21	76.1	78.6	73.6	69.73	-70.2
Martin 3	1.32	94.5	96.5	92.5	441.67	-441.71
Martin 4	1.94	86.6	90.1	83.1	650.06	-766.52
Port Everglades 3	0.14	94.9	97.4	92.4	47.38	-47.49
Port Everglades 4	0.14	78.1	81.1	75.1	46.56	-46.61
Putnam 1	0.47	87.3	89.8	84.8	157.13	-157.09
Putnam 2	0.34	88.0	90.0	86.0	114.84	-114.91
Turkey Point 3	9.95	82.1	85.1	79.1	3330.17	-3331.8
Turkey Point 4	10.85	89.4	92.4	86.4	3633.33	-3635.35
St. Lucie 1	20.17	75.0	79.5	70.5	6753.2	-6757.76
St. Lucie 2	9.84	81.5	84.5	78.5	3292.98	-3294.93
Scherer 4	2.92	86.6	89.1	84.1	976.69	-609.45
	<u>60.46</u>				<u>20242.1</u>	<u>-20002.1</u>

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Docket No.: 960001-EI

FPL Witness: R. Silva

Exhibit No.:

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REVISED

ESTIMATED UNIT PERFORMANCE DATA  
 FLORIDA POWER & LIGHT COMPANY  
 OCTOBER, 1996 THROUGH SEPTEMBER, 1997

<u>Plant/Unit</u>	<u>EAF</u>	<u>EPOF</u>	<u>EUOF</u>	<u>EUOR</u>	<u>PH</u>	<u>SH</u>	<u>RSH</u>	<u>UH</u>	<u>EPOH</u>	<u>EFOH</u>	<u>EMOH</u>	<u>NET GEN</u>
Cape Canaveral 1	93.5	0.0	6.5	7.7	8760	6862	1328.6	569.4	0.0	175.2	394.2	2074921
Cape Canaveral 2	92.7	0.0	7.3	9.3	8760	6246	1874.5	639.5	0.0	175.2	464.3	1957635
Lauderdale 4	93.4	2.7	3.9	4.1	8760	7902	279.8	578.2	236.5	175.2	166.4	3442108
Lauderdale 5	91.8	4.4	3.8	4.0	8760	7967	74.7	718.3	385.4	166.4	166.4	3482666
Fort Myers 2	76.1	19.2	4.7	6.1	8760	6297	369.4	2093.6	1681.9	157.7	254.0	2161888
Martin 3	94.5	1.5	4.0	4.1	8760	8278	0.0	481.8	131.4	175.2	175.2	3730478
Martin 4	86.6	1.6	11.8	12.0	8760	7586	0.0	1173.8	140.2	315.4	718.3	3714913
Port Everglades 3	94.9	0.0	5.1	5.7	8760	7337	976.2	446.8	0.0	175.2	271.6	2379239
Port Everglades 4	78.1	15.3	6.6	9.3	8760	5652	1189.6	1918.4	1340.3	324.1	254.0	1704022
Putnam 1	87.3	5.5	7.2	7.9	8760	7355	292.5	1112.5	481.8	411.7	219.0	1763088
Putnam 2	88.0	7.7	4.3	5.3	8760	6751	957.8	1051.2	674.5	157.7	219.0	1568481
Turkey Point 3	82.1	12.3	5.6	6.4	8760	7192	0.0	1568.0	1077.5	245.3	245.3	5073342
Turkey Point 4	89.4	4.4	6.2	6.5	8760	7831	0.0	928.6	385.4	271.6	271.6	5586470
St. Lucie 1	75.0	0.0	25.0	25.0	8760	6570	0.0	2190.0	0.0	1909.7	280.3	6912726
St. Lucie 2	81.5	12.3	6.2	7.1	8760	7139	0.0	1620.6	1077.5	297.8	245.3	5182231
Scherer 4	86.6	7.7	5.7	6.2	8760	7586	0.0	1173.8	674.5	341.6	157.7	4447427

Issued By: Florida Power & Light Company

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Docket No.: 960001-EI  
 FPL Witness: R. Silva  
 Exhibit No.:  
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 REVISED

Original Sheet No. 7.201.010

**CERTIFICATE OF SERVICE  
DOCKET NO. 960001-ZI**

**I HEREBY CERTIFY** that a true and correct copy of Florida Power & Light Company's Revised GPIF Testimony of R. Silva has been furnished by Hand Delivery,\*\* or U.S. Mail this 7th day of August, 1996, to the following:

Vicki D. Johnson, Esq.\*\*  
Division of Legal Services  
FPSC  
2540 Shumard Oak Blvd. Rm.370  
Tallahassee, FL 32399-0850

Joseph A. McGlothlin, Esq.  
Vicki Gordon Kaufman, Esq.  
McWhirter, Reeves, McGlothlin,  
Davidson, Rief & Bakas, P.A.  
117 South Gadsden Street  
Tallahassee, FL 32301

G. Edison Holland, Esq.  
Jeffrey A. Stone, Esq.  
Beggs and Lane  
P. O. Box 12950  
Pensacola, FL 32576

Norman Horton, Jr., Esq.  
Messer, Caparello,  
Madsen, Goldman & Metz  
P. O. Box 1876  
Tallahassee, FL 32302-1876

Suzanne Brownless, P.A.  
1311-B Paul Russell Road  
Suite 202  
Tallahassee, Florida 32301

John Roger Howe, Esq.  
Office of Public Counsel  
111 West Madison Street  
Room 812  
Tallahassee, FL 32399

Lee L. Willis, Esq.  
James D. Beasley, Esq.  
Ausley & McMullen  
227 S. Calhoun Street  
P. O. Box 391  
Tallahassee, FL 32302

James A. McGee, Esq.  
Florida Power Corporation  
P. O. Box 14042  
St. Petersburg, FL 33733

John W. McWhirter, Jr., Esq.  
McWhirter, Reeves, McGlothlin,  
Davidson, Rief & Bakas, P.A.  
Post Office Box 3350  
Tampa, Florida 33601-3350

  
Matthew M. Childs, P.A.