#### State of Florida



# Hublic Serbice Commission -M-E-M-O-R-A-N-D-U-M-

**DATE:** August 14, 2003

TO: Division of Economic Regulation (Bohrmann)

FROM: Division of Auditing and Safety (Vandiver)

RE: Docket No. 030001-EI; Company Name: Florida Power & Light Company; Audit

Purpose: Fuel & Purchased Power Cost Recovery Clause;

Audit Control No. 03-034-4-1

Attached is the final audit report for the utility stated above. I am sending the utility a copy of this memo and the audit report. If the utility desires to file a response to the audit report, it should send the response to the Division of the Commission Clerk and Administrative Services. There are confidential work papers associated with this audit.

### DNV/jcp Attachment

CC:

Division of Auditing and Safety (Hoppe, District Offices, File Folder) Division of the Commission Clerk and Administrative Services (2) Division of Competitive Markets and Enforcement (Harvey) General Counsel
Office of Public Counsel

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Miami, FL 33131-2398

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### FLORIDA PUBLIC SERVICE COMMISSION

#### **DIVISION OF AUDITING & SAFETY BUREAU OF AUDITING**

Miami District Office

# FLORIDA POWER AND LIGHT COMPANY

# FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

HISTORICAL YEAR ENDED DECEMBER 31, 2002

**DOCKET NO. 030001-EI** AUDIT CONTROL NO. 03-034-4-1

Glosa Kia

Raymond Grant, Staff Auditor

Yen Ngo, Staff Auditor

Kathy Welch, Public Utilities Supervisor Miami District Office

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# AUDITOR'S REPORT AUGUST 5, 2003

## TO: FLORIDA PUBLIC SERVICE COMMISSION AND OTHER INTERESTED PARTIES

We have applied the procedures described in this report to audit the Fuel and Purchased Power Cost Recovery Clause schedules for the historical 12-month period ended December 31, 2002 for Florida Power and Light Company. These schedules were prepared by the utility as part of its petition for Fuel and Purchased Power Cost Recovery Clause in Docket 030001-El. There is confidential information associated with this audit.

This is an internal accounting report prepared after performing a limited scope audit. Accordingly, this report should not be relied upon for any purpose except to assist the Commission staff in the performance of their duties. Substantial additional work would have to be performed to satisfy generally accepted auditing standards and produce audited financial statements for public use.

#### SUMMARY OF SIGNIFICANT PROCEDURES

Our audit was performed by examining, on a test basis, certain transactions and account balances which we believe are sufficient to base our opinion. Our examination did not entail a complete review of all financial transactions of the company. Our more important audit procedures are summarized below. The following definitions apply when used in this report:

Scanned - The documents or accounts were read quickly looking for obvious errors.

**Compiled-** The exhibit amounts were reconciled with the general ledger, and accounts were scanned for error or inconsistency.

**Reviewed-** The exhibit amounts were reconciled with the general ledger. The general ledger account balances were traced to subsidiary ledgers, and selective analytical review procedures were applied.

**Examined-** The exhibit amounts were reconciled with the general ledger. The general ledger account balances were traced to subsidiary ledgers. Selective analytical review procedures were applied, and account balances were tested to the extent further described.

**Verified-** The item was tested for accuracy, and substantiating documentation was examined.

**Revenues -** Compiled the revenues from the revenue and rate report and reconciled to the filing; verified the billing factors to the appropriate order.

Verified that the power sold shown on Schedule A6 agrees with sales invoices. Verified that the gains derived from non-separated wholesale energy sales are credited in Schedule A6.

**Expenses -** Compiled a trial balance for all fuel related expense accounts. Reconciled the trial balance from the general ledger to Schedule A2.

Examined a sample of transactions in the fuel inventory account. Examined a sample of charges to steam generation and fuel generation expenses. Reconciled fuel usage to Form 1705 and 1192 reports.

Verified that selected hedging transactions are in accordance with PSC order and with company's policies and procedures.

Recalculated the fuel portion of the Okeelanta Settlement.

Verified that the coal inventory adjustments were recorded in accordance with PSC order.

Verified payments to Qualifying Facilities for two months. The amounts were recalculated and unit costs were reconciled to the standard offer contract or negotiated rates.

**True-up Calculation -** Recalculated the true- up provision. Verified the beginning true-up to the Commission Orders and deferred true-up to the prior filings. Traced the interest rates to the Wall Street Journal-30 day Commercial Paper Rate. Traced the prior true-up to the prior audit.

**Investment -** Recalculated the return on investment. Verified the equity and debt ratios and traced to proper documentation.

Other - Read selected internal audits.

Reconciled heat rates for Generating Performance Incentive Factor (GPIF) units from Schedule A4 to the GPIF filing; reconciled service hours, shutdown hours and unavailable hours from the GPIF filing to company's documentation.

Reconciled coal and oil purchases from Schedule A5 to FPSC Form 423.

II. EXHIBITS

(c) Per Estimated Schedule E-2, filed November 5, 2001.

(1)

119,974,068 25

(2)

89,346,972 49

(3)

MAR

138,814,883 44

(b) Generation Performance Incentive Factor is ((\$9,004,713/12) x 98.4280%) - See Order No. PSC-01-2516-FOF-EL

(4)

APR

167,505,301 20

(5)

MAY

195,936,128 14

(6)

JUN

181,750,529 87

CALCULATION OF ACTUAL TRUE-UP AMOUNT FLORIDA POWER & LIGHT COMPANY

LINE NO.

FOR THE PERIOD JANUARY THROUGH DECEMBER 2002

Fuel Costs & Net Power Transactions

CALCUI	ΔТ	ION OF ACTUAL TRUE-UP AMOUNT		<del></del>	T	<del></del> 1				
		OWER & LIGHT COMPANY			<del> -</del> -	-	· · · · · ·		. – – – – – – – – – – – – – – – – – – –	
		RIOD JANUARY THROUGH DECEMBER 2002								
	7				†					
		,	(7)	(8)		(9)	(10)	(11)	(12)	(13)
LINE					l					TOTAL
NO.			<b>JUL</b>	AUG		SEP	OCT	NOV	DEC	PERIOD
<u> </u>		Fuel Costs & Net Power Transactions			L					
-	-	Fuel Cost of System Net Generation	\$ 193,534,022 83	\$ 208,986,504 97	S 21	11,490,286 40	\$ 235,448,378 31	S 159,497,158 04	162,804,161 26	\$ 2,065,088,395 2
		Cost of Repairing Leaking Nuclear Fuel Rods	0 00	0.00	ـ ـ	0.00	\$ 314,598 00	\$ 0.00	5 0 00	314,598 0
-1-1-	c l	Nuclear Fuel Disposal Costs	2,084,842 33	2,024,429 73	<u> </u>	2,022,409 59	1,469,889 42	2,071,206 04	2,021,757 46	23,469,210 9
	-	Coal Cars Depreciation & Return	291,222 57	289,489 95	<u> </u>	287,757 36	286,024 74	284,292 12	282,559 52	3,505,066 5
	-	Gas Pipelines Depreciation & Return	188,393 95	186,938 41	ــــــــــــــــــــــــــــــــــــــ	185,482 85	184,027 33	182,571 79	181,116 24	2,269,460 6
$\perp$		DOE D&D Fund Payment	0 00	0 00	ــــــــــــــــــــــــــــــــــــــ	0.00	0.00	6,004,645 48	0.00	6,004,645 4
$\overline{}$	_	Fuel Cost of Power Sold Transmission Reactive Fuel (Per A6)	(3,560,315 00)		<u> </u>	(4,061,563 00)	(2,270,566 00)	(4,288,388 00)	(5,352,101 00)	(45,194,870 0
		Gains from Off-System Sales	(672,676 00)	(541,245 00)	<del> </del>   -	(706,122 00)	43,696 00	(713,018 00)	(1,348,205 00)	(9,726,487 (
		Fuel Cost of Purchased Power (Per A7) Energy Payments to Qualifying Facilities (Per A8)	19,297,242 00	21,459,370 00 12,057,648 00		10,504,339 00	31,722,327 00 6,803,802 00	15,695,125 00	14,447,716 00	222,816,438 0
+	$\rightarrow$	Cypress Settlement Payment		<del></del>	<del> </del>			8,121,807 00	11,513,247 00	122,262,959 0
		Okcelanta Settlement Amogization including interest	0 00 839,161 53	0 00 837,350 94	<del> </del>	0 00 836,736 05	1,108,358 00 834,626 93	826,132 07	0 00 819,509 45	2,216,716 0 10,057,956 9
		Energy Cost of Economy Purchases (Per A9)	3,628,394 00	5,578,128 00	<del> </del> -	11,060,826 00	13,527,887 00	8,185,127 00	9,133,306 00	88,747,526 0
5		Total Fuel Costs & Net Power Transactions	\$ 228,456,576 21			58,023,853 25	\$ 289,473,048 73	\$ 195,866,658 54	\$ 194,503,066 93	\$ 2,491,831,615 8
6		Adjustments to Fuel Cost		1				,		2, 1,221,240
		Sales to Fla Keys Elect Coop (FKEC) & City of Key West (CKW)	(2,570,298 33)	(2,825,337 83)		(2,891,004 48)	(2,901,870 49)	(3,457,638 89)	(2,260,380 10)	(30,127,365
		Reactive and Voltage Control / Energy Imbalance Fuel Revenues	(24,050 91)	1,952 28	1	(56,367 18)	(51,680 29)	(39,556 79)	(103,878 32)	(498,346 0
-4-1	-	nveniory Adjustments	(16,945 47)	60,540 74	1	(34,060 38)	(167,858 27)	(67,216 57)	(4,416 48)	(260,350 7
_ _ _		Non Recoverable Oil/Tank Bottoms	(35,112 68)	0.00	+	0.00	0 00	(30,698 46)	397,811 08	270,657 7
+		Incremental Plant Security Costs plar Order No PSC -01-2516	627,611 67	911,987 30	<del></del>	517,064 49	367,883 48	1,165,895 84	(6,120,365 63)	0.0
	f	ncremental Hedging Implementation Costs	0 00	0.00		2,149,721 87	160,320 00	227,912 06	188,099 69	2,726,053 6
7		Adjusted Total Fuel Costs & Net Power Transactions	\$ 226,437,780 50	\$ 245,706,943 49	S 2	57,709,207 57	\$ 286,879,843 16	\$ 193,665,355 73	S 186,599,937 17	\$ 2,463,942,265 3
	4				J					
В	-	kWh Sales			1					~~~
-1-4-		urisdictional kWh Sales (RTP @ CBL) (a)	8,354,425,512	9,110,874,101		9,237,002,940	8,995,730,671	8,067,694,729	7,154,389,841	95,525,064,71
- 2		Sale for Resale (excluding FKEC & CKW)	32,447,470	35,005,970		37,025,235	39,391,847	48,868,221	35,428,225	231,204,15
3	-#	Sub-Total Sales (excluding FKEC & CKW)	8,386,872,982	9,145,880,071	<b>├</b> ─'	9,274,028,175	9,035,122,518	8,116,562,950	7,189,818,066	95,756,268,86
	-		00 (10100)	00 (1000)		00.4007404	00.554010	00.007038	99 50724%	00.76066
6	$\dashv$	Jurisdictional % of Total Sales (B1/B3)	99 61312%	99 61725%	`	99 60076%	99 56401%	99 39792%	99 30/2476	99 75855
	-	See Footnotes on page 2.		<del></del>	<del> </del>					
	-+	True-up Calculation		<del>                                     </del>	1		•			
1	1	luris Fuel Revenues (Incl RTP @ CBL) Net of Revenue Taxes	\$ 216,200,699 88	S 235,870,281 94	S 2	139,132,162 38	\$ 232,889,049 39	\$ 208,830,663 69	\$ 184,956,342 10	\$ 2,528,712,970 8
2	_	Fuel Adjustment Revenues Not Applicable to Period		1	1	· · · · ·		<u> </u>		
	. 1	Amortize 1/24 of \$518,005,376 per Order PSC-00-2385-FOF	(21,583,557 33)	(21,583,557 33)	1 0	(21,583,557 33)	(21,583,557 33)	(21,583,557 33)	(21,583,557 50)	(259,002,688 1
		Prior Penod True-up (Collected)/Refunded This Period	1,149,505 58	1,149,505 58		1,149,505 58	1,149,505 58	1,149,505 58	1,149,505 58	13,794,067 0
		2001 Final True-up Refunded per Rate Case Order PSC-02-0501-AS-EI	12,112,808 30	12,112,808 30		12,112,808 30	12,112,808 30	12,112,808 30	12,112,808 30	103,006,558 7
		GPIF, Net of Revenue Taxes (b)	(738,596 58)	(738,596 58)		(738,596 58)	(738,596 58)	(738,596 58)	(738,596 58)	(8,863,158 9
	c (	Dil Backout Revenues, Net of revenue taxes	(1 32)	3 12		(0 38)	91,354 35	(1 66)	1 02	91,566 1
3		Jurisdictional Fuel Revenues Applicable to Period	\$ 207,140,858.54	\$ 226,810,445 04	S 2:	30,072,321 97	\$ 223,920,563 72	\$ 199,770,822 00	\$ 175,896,502 93	\$ 2,377,739,315 6
4	2	Adjusted Total Fuel Costs & Net Power Transactions (Line A-7)	\$ 226,437,780 50	\$ 245,706,943 49	S 2	57,709,207 57	\$ 286,879,843 16	\$ 193,665,355 73	\$ 186,599,937 17	\$ 2,463,942,265 3
		Nuclear Fuel Expense - 100% Retail (Acct 518 111)	0 00	0.00		0 00	0.00	0.00	0.00	0.0
		RTP Incremental Fuel -100% Retail	(43,082 00)	20,570 47		(51,105 78)	1,216 53	27,961 41	(2,612 71)	(80,288 8
		D&D Fund Payments -100% Retail	0.00	0 00	1	0 00	0.00	6,004,645 48	0 00	6,004,645 4
		Ad; Total Fuel Costs & Net Power Transactions - Excluding 100% Retail Items C4a-C4b-C4c-C4d)	226,480,862 50	245,686,373 02	.	57,760,313 35	286,878,626 63	187,632,748 85	186,602,549 88	2,458,017,908
5		(42-C40-C46-C40) Jurisdictional Sales % of Total kWh Sales (Line B-6)	99.61312 %	99 61725 %		99 60076 %	280,878,626 63 99 56401 %	187,632,748 85 99 39792 %		2,438,017,908 ( 99 75855 %
- 6 -		Jurisdictional Total Fuel Costs & Net Power Transactions (Line C4e x C5 x		<u> </u>	i –		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1
$\perp$		1 00052(c)) +(Lines C4b,c,d)	\$ 225,678,886 00	\$ 244,893,846 47	S 2	56,813,625 22	\$ 285,777,607 53	\$ 192,632,637 89	\$ 185,776,989 29	\$ 2,459,001,015
7	T				T			1		
$\perp$	$\rightarrow$	True-up Provision for the Month - Over/(Under) Recovery (Line C3 - Line C6)				(26,741,303 25)		·		
8		Interest Provision for the Month (Line D10)	162,305 04	115,414 74		65,009 72	(17,805 39)		(73,245 65)	1,746,736
9	-+	True-up & Interest Provision Beg of Period - Over/(Under) Recovery	24,828,118 76	(6,809,917.54	_	(38,040,218 12)	(77,978,825 53)	(153,115,988 61)	(159,305,476 78)	13,794,067
1	-	Deferred True-up Beginning of Period - Over/(Under) Recovery	103,006,558 76	103,006,558 76		03,006,558 76	103,006,558 76	103,006,558 76	103,006,558 76	103,006,558
$\rightarrow$	_	Prior Period True-up Collected/(Refunded) This Period	(1,149,505 58	(1,149,505 58)	+	(1,149,505 58)	(1,149,505 58)	(1,149,505 58)	(1,149,505 58)	(13,794,067
		2001 Final True-up Refunded per Rate Case Order PSC-02-0501-AS-El End of Period Net True-up Amount Over/(Under) Recovery (Lines C7 through	(12,112,808.30	(12,112,808.30)	<del>) (</del>	(12,112,808 30)	(12,112,808 30)	(12,112,808 30)	(12,112,808 30)	(103,006,558
51	- 1	Esia of Period. Net True-up Amount Over/(Under) Recovery (Lines C7 unough C10)	s 96,196,641.22	\$ 64,966,340 64	s	25,027,733 23	S (50,109,429 85)	\$ (56,298,918 02)	s (79,514,963 91)	\$ (79,514,963
+	7		NOTES		_				I	
++	-+			(RTP) sales are shown	at the C	nstomer Rass	Load (CBL) KWH TI	e incremental/decree	ental kwh sales are exc	luded
+	+							jurisdictional fuel reve		T
++						·		No. PSC-01-2516-FOI		
++	+			hedule E-2, filed Nove					T	
-+	t			T_	7			<u> </u>		