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March 2, 2016

BY ELECTRONIC FILING

Ms. Carlotta Stauffer, Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

**Re: Docket No. 160001-EI: Fuel and Purchased Power Cost Recovery Clause with
Generating Performance Incentive Factor**

Dear Ms. Stauffer:

Attached for electronic filing on behalf of Florida Public Utilities Company, please find the Petition for Approval of Final True-Up Amount for 2015, along with the Direct Testimony and Exhibit CDY-1 of Mr. Curtis Young.

Thank you for your assistance with this filing. As always, please don't hesitate to let me know if you have any questions whatsoever.

Sincerely,


Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

MEK
cc:/(Certificate of Service)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor. | DOCKET NO. 160001-EI
| DATED: March 2, 2016

**FLORIDA PUBLIC UTILITIES COMPANY'S
PETITION FOR APPROVAL
OF FUEL ADJUSTMENT AND PURCHASED POWER COST RECOVERY FINAL
TRUE-UP AMOUNT FOR PERIOD ENDED DECEMBER 2015**

Florida Public Utilities Company (FPUC or Company), by and through its undersigned counsel, hereby files this Petition asking the Florida Public Service Commission (FPSC or Commission) for approval of FPUC's fuel adjustment and purchased power cost recovery final net true-up amount for the period ended December 2015. In support of this request, the Company hereby states:

- 1) FPUC is an electric utility subject to the Commission's jurisdiction. Its principal business address is:

Florida Public Utilities Company
1750 S 14th Street, Suite 200
Fernandina Beach FL 32034

- 2) The name and mailing address of the persons authorized to receive notices are:

Beth Keating, Esq.
Gunster, Yoakley & Stewart, P.A.
215 South Monroe Street, Suite 601
Tallahassee, FL 32301-1839
bkeating@gunster.com
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Mike Cassel
Director, Regulatory and Governmental
Affairs
Florida Public Utilities Company
1750 S 14th Street, Suite 200
Fernandina Beach, FL 32034
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- 3) Consistent with the requirements for this proceeding, the Company has prefiled the fuel adjustment and purchased power cost recovery true-up forms supplied by the Commission consistent with the requirements for such filings.

- 4) With this Petition, the Company is also submitting the Direct Testimony and Exhibit CDY-1 of Mr. Curtis Young in support of the Company's request for approval of the final true-up amount.
- 5) The final true-up amount for the period ended December 2015 is an under-recovery of \$1,610,257.
- 6) The Commission-approved total true-up amount to be refunded for the period January 2016 through December 2016 by the Company is a \$1,582,148, as reflected in Commission Order No. PSC-15-0586-FOF-EI.
- 7) The Company now therefore seeks approval to include the final remaining true-up amount, which is an under-recovery of \$28,109 in the calculation of cost recovery factors for the period beginning January 2016.

WHEREFORE, FPUC respectfully requests that the Commission approve the Company's final net true-up amounts for the period ended December 2015 as set forth above.

RESPECTFULLY SUBMITTED this 2nd day of March, 2016.



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Attorneys for Florida Public Utilities Company

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition for Approval of Final True-Up, as well as the Direct Testimony and Exhibit CDY-1 of Curtis D. Young, has been furnished by Electronic Mail to the following parties of record this 2nd day of March, 2016:

Danjela Janjic John Villafrate Suzanne Brownless Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850 djanjic@psc.state.fl.us jvillafr@psc.state.fl.us sbrownle@psc.state.fl.us	James D. Beasley/J. Jeffrey Wahlen/Ashley Daniels Ausley Law Firm Post Office Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com adaniels@ausley.com
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John T. Butler Maria Moncada Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420 John.Butler@fpl.com	Kenneth Hoffman Florida Power & Light Company 215 South Monroe Street, Suite 810 Tallahassee, FL 32301 Ken.Hoffman@fpl.com
Ms. Paula K. Brown Tampa Electric Company Regulatory Affairs P.O. Box 111 Tampa, FL 33601-0111 Regdept@tecoenergy.com	Florida Industrial Users Power Group Jon C. Moyle, Jr. Moyle Law Firm 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com
Mike Cassel Florida Public Utilities Company 1750 SW 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com	Florida Retail Federation Robert Scheffel Wright/John T. LaVia Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com

<p>Robert L. McGee, Jr. Gulf Power Company One Energy Place Pensacola, FL 32520 rlmcgee@southernco.com</p>	<p>P. Christensen/C. Rehwinkel/E. Saylor Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 Christensen.patty@leg.state.fl.us Rehwinkel.Charles@leg.state.fl.us Saylor.Eric@leg.state.fl.us</p>
<p>Matthew Bernier Duke Energy 106 East College Avenue, Suite 800 Tallahassee, FL 32301 Matthew.Bernier@duke-energy.com</p>	<p>Dianne M. Triplett Duke Energy 299 First Avenue North St. Petersburg, FL 33701 Dianne.Triplett@duke-energy.com</p>
	<p>Michael Barrett Division of Accounting and Finance Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, Florida 32399-0850 mbarrett@psc.state.fl.us</p>

By: 
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

Docket No. 160001-EI
Fuel and Purchased Power Cost Recovery Clause
Direct Testimony of
Curtis Young
(2015 Final True-Up)
on behalf of
Florida Public Utilities Company

1 Q. Please state your name and business address.

2 A. Curtis Young, 1641 Worthington Road, Suite 220, West Palm Beach, FL 33409.

3 Q. By whom are you employed?

4 A. I am employed by Florida Public Utilities Company.

5 Q. Could you give a brief description of your background and business
6 experience?

7 A. I am the Senior Regulatory Analyst for Florida Public Utilities Company. I
8 have performed various accounting and analytical functions including
9 regulatory filings, revenue reporting, account analysis, recovery rate
10 reconciliations and earnings surveillance. I'm also involved in the preparation
11 of special reports and schedules used internally by division managers for
12 decision making projects. Additionally, I coordinate the gathering of data for
13 the FPSC audits.

14 Q. What is the purpose of your testimony?

15 A. The purpose of my testimony is to present the calculation of the final remaining
16 true-up amounts for the period January 2015 through December 2015.

17 Q. Have you included any exhibits to support your testimony?

1 A. Yes. Exhibit _____ (CDY-1) consists of Schedules A, C1 and E1-B for the
2 Consolidated Electric Division. These schedules were prepared from the
3 records of the company.

4 Q. What has FPUC calculated as the final remaining true-up amounts for the
5 period January 2015 through December 2015?

6 A. For the Consolidated Electric Division the final remaining true-up amount is an
7 under recovery of \$28,109.

8 Q. How was this amount calculated?

9 A. It is the difference between the actual end of period true-up amount for the
10 January through December 2015 period and the total true-up amount to be
11 collected or refunded during the January - December 2016 period.

12 Q. What was the actual end of period true-up amount for January - December
13 2015?

14 A. For the Consolidated Electric Division it was \$1,610,257 under recovery.

15 Q. What was the Commission-approved amount to be collected or refunded during
16 the January – December 2016 period?

17 A. A consolidated over-recovery of \$1,582,148 to be refunded.

18 Q. Did you include costs in addition to the costs specific to purchased fuel in the
19 calculations of your true-up amounts?

20 A. Yes, included with our fuel and purchased power costs are charges for
21 contracted consultants and legal services that are directly fuel-related and
22 appropriate for recovery in the fuel clause.

1 Q. What are the costs outside of purchased fuel costs, included in the 2015 final
2 true up for Florida Public Utilities Company?

3 A. The Company engaged Christensen, Gunster, and Sterling, as well as, King &
4 Spalding, LLP (“King and Spalding”), Pierpont and McClelland LLC
5 (“Pierpont”) and Stinson Leonard Street LLP. (“Stinson”) (all jointly referred to
6 herein as “Consultants”), for services directly related to fuel costs and fuel cost
7 reductions for the feasibility research and analysis, of projects/programs
8 designed to protect current fuel savings, and to possibly further reduce fuel
9 costs to its customers.

10 Specifically, Christensen performed a due diligence review and cost analysis of
11 the pricing under the current Purchased Power Agreements between FPUC and
12 its power suppliers (JEA, Rayonier and West-Rock [formerly Rock-Tenn]) with
13 the goal of determining whether there are further avenues for achieving cost
14 reductions.

15 Additionally, the Consultants provided services related to reviewing and
16 evaluating the impact of the new Generation facility at Rayonier on our
17 purchased power costs, and the impact from the loss, or possible increase, of
18 the purchased power from Rayonier. They assisted in the negotiations and
19 review of the Purchased power agreements between the Company and Eight
20 Flags Energy LLC (“Eight Flags”) as well as the existing renewable energy
21 power purchase contract with Rayonier Performance Fibers. The Consultants
22 also assisted the Company in its evaluation of alternatives on what could be

1 done to protect fuel savings to our customers, and what can be done to further
2 reduce the Company's costs for purchased power.

3 The specified legal and consulting costs were not included in expenses during
4 the last FPUC consolidated electric rate base proceeding and are not being
5 recovered through base rates. While the purchased power agreements for the
6 cogeneration project have been completed and approved by the Commission,
7 the Company's efforts in this regard are ongoing until the plant is fully
8 operational. The Company fully expects that the cogeneration project, with
9 which these legal and consulting expenses are associated, will come to fruition
10 and ultimately produce significant fuel savings for customers, as well as
11 increased reliability. As such, consistent with past Commission precedent,
12 these fuel-related costs should be deemed appropriately recoverable through the
13 fuel clause.

14

15 Q. Please explain how these costs were determined to be recoverable under the
16 fuel clause?

17 A. Consistent with the Commission's policy, similar expenses paid in Docket No.
18 120001-EI, Docket No. 130001-EI, Docket No. 140001-EI and Docket No.
19 150001-EI, for legal and consulting costs associated with the review and
20 analysis of the Company's existing purchase power agreements, as well as the
21 development and negotiations for a renewable energy contract with Rayonier
22 were determined to be appropriate and recoverable through the fuel clause.

1 Q. Which legal and consulting costs were allowed to be recovered through the fuel
2 clause in 2012, 2013, 2014 and 2015?

3 A. In all four years, the Commission allowed FPUC to recover costs associated
4 with work done by Christensen and Associates (“Christensen”), Gunster,
5 Yoakley, & Stewart, (“Gunster”) and Sterling Energy Services (“Sterling”)
6 pertaining to the Rayonier renewable energy contract, which was finalized in
7 early 2012. This contract provides for the purchase of power at rates lower than
8 the existing Purchase Power Agreement between FPUC and JEA. FPUC
9 realized reduced fuel rates for the Northeast Division customers as a result of
10 this agreement, beginning in mid-2012. The costs associated with the
11 development, negotiation, and regulatory approvals for the contract had not
12 been included in expenses during the last FPUC consolidated electric base rate
13 proceeding; thus, they were not being recovered through the Company’s base
14 rates. Consequently, the Commission allowed these costs to be passed through
15 the fuel clause. The Company believes that the costs addressed herein are
16 similar to those allowed to be recovered through the fuel clause in 2012, 2013,
17 2014 and 2015. As such, the Company believes the costs addressed herein are
18 likewise appropriate for recovery through the fuel clause.

19
20 Q. Does this conclude your direct testimony?

21 A. Yes, it does.

FLORIDA PUBLIC UTILITIES
 FINAL FUEL AND PURCHASED POWER OVER/(UNDER) RECOVERY
 FOR THE PERIOD
 JANUARY 2015 THROUGH DECEMBER 2015

CONSOLIDATED ELECTRIC DIVISION

1 JURISDICTIONAL FUEL COSTS (INCL. ALL ADJUSTMENTS)	\$ 60,313,649
2 JURISDICTIONAL FUEL REVENUES APPLICABLE TO THE PERIOD	<u>63,090,586</u>
3 ACTUAL OVER/(UNDER) RECOVERED FUEL COSTS FOR THE PERIOD	2,776,937
4 ADJUSTMENTS (INCL. REVENUE REFUND TRUE-UP ADJUSTMENT)	(2,907,565)
5 INTEREST	(3,276)
6 TRUE-UP COLLECTED	2,907,565
7 PRIOR PERIOD TRUE-UP (ACTUAL ENDING 12/14)	<u>(4,383,918)</u>
8 ACTUAL OVER/(UNDER) RECOVERY FOR THE PERIOD (LINE 3 + LINE4 + LINE5 + LINE6 + LINE7)	(1,610,257)
9 PROJECTED UNDER-RECOVERY PER PROJECTION FILED 9/5/15	<u>(1,582,148)</u>
10 FINAL FUEL OVER/(UNDER) RECOVERY (LINE 8 - LINE 9)	<u><u>(28,109)</u></u>

FLORIDA PUBLIC UTILITIES COMPANY

Schedule E-1b

CALCULATION OF PURCHASED POWER COSTS AND CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD1

ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2015 THROUGH DECEMBER 2015

BASED ON SIX MONTHS ACTUAL AND SIX MONTHS ESTIMATED

(EXCLUDES LINE LOSS , EXCLUDES TAXES)

CONSOLIDATED

	ACTUAL Jan 2015	ACTUAL Feb 2015	ACTUAL Mar 2015	ACTUAL Apr 2015	ACTUAL May 2015	ACTUAL Jun 2015	Estimated Jul 2015	Estimated Aug 2015	Estimated Sep 2015	Estimated Oct 2015	Estimated Nov 2015	Estimated Dec 2015	Total
Total System Sales - KWH	53,990,967	55,036,962	50,057,566	43,963,737	45,232,412	55,409,936	66,425,190	65,503,963	64,442,739	55,307,927	44,437,589	48,536,197	648,365,185
RockTenn Purchases - KWH	556,381	659,762	696,071	783,500	746,414	536,024	800,000	800,000	800,000	800,000	800,000	800,000	8,778,152
Rayonier Purchases - KWH - On Peak	237,691	58,533	422,848	468,003	275,330	449,708	420,000	420,000	420,000	420,000	420,000	420,000	4,432,113
Rayonier Purchases - KWH - Off Peak	294,869	142,559	605,966	793,018	517,117	829,847	980,000	980,000	980,000	980,000	980,000	980,000	9,063,376
JEA/Gulf Purchases - KWH	57,193,630	54,457,545	44,954,420	44,583,402	54,286,184	57,784,307	62,821,460	67,269,692	66,177,020	56,767,969	45,571,217	47,485,772	659,352,618
System Billing Demand - KW	165,771	182,750	153,003	142,027	152,510	173,029	158,000	158,000	158,000	158,000	158,000	158,000	1,917,090
DEMAND-KW-(network load)	168,011	180,327	139,348	136,493	156,908	161,049	152,317	151,985	152,036	151,763	151,594	151,541	1,853,372
Purchased Power Rates:													
CCA Fuel Costs - \$/KWH	0.044260	0.044260	0.044260	0.044260	0.044260	0.044260	0.044260	0.044260	0.044260	0.044260	0.044260	0.044260	
Rayonier Energy Charge - On Peak - \$/KWH	0.045630	0.045630	0.045630	0.104780	0.045630	0.104780	0.095580	0.095580	0.095580	0.095580	0.088120	0.090470	
Rayonier Energy Charge - Off Peak - \$/KWH	0.045630	0.045630	0.045630	0.045600	0.045630	0.045600	0.058220	0.058220	0.058220	0.058220	0.058220	0.058220	
Base Fuel Costs - \$/KWH JEA AND GULF	0.05016	0.05016	0.05016	0.05016	0.05016	0.05016	0.05016	0.05016	0.05016	0.05016	0.05016	0.05016	
Energy Charge - \$/KWH	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	
Demand and Non-Fuel													
Demand Charge - \$/KW	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	14.31	14.31	14.31	
Customer Charge - \$	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	
Transmission Charge \$/KW	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	
Purchased Power Costs:													
RockTenn Fuel Costs	24,625	29,201	30,808	34,678	33,036	23,724	35,408	35,408	35,408	35,408	35,408	35,408	388,520
Rayonier Standby Costs	24,301	9,176	46,945	92,336	36,159	92,430	98,880	98,880	98,880	98,880	94,066	94,066	885,986
JEA/Gulf Base Fuel Costs	2,868,676	2,719,393	2,256,528	2,249,994	1,480,448	3,144,720	3,372,457	3,323,552	3,276,256	2,815,571	2,270,645	2,387,622	32,166,862
JEA Fuel Adjustment	344,813	338,592	269,543	257,011	321,653	384,057	415,757	411,653	398,830	337,264	260,898	251,414	3,991,675
Subtotal Fuel Costs	3,262,415	3,096,362	2,603,824	2,634,019	1,871,296	3,644,931	3,922,502	3,869,693	3,809,374	3,287,123	2,661,007	2,769,497	37,432,043
Demand and Non-Fuel Costs:													
Demand Charge	2,030,023	2,272,993	1,847,313	1,690,246	1,840,258	2,133,865	1,918,820	1,918,820	1,918,820	1,918,820	1,918,820	1,918,820	23,327,638
Customer Charge	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	79,472	953,667
FERC & Meter Reading	2,491	2,682	2,530	2,283	2,332	2,619	2,656	2,817	2,818	2,555	2,258	2,433	30,674
Transmission Charge	329,934	348,055	285,557	233,186	313,114	266,574	291,746	290,837	290,976	290,229	289,767	289,624	3,519,599
Subtotal Demand & Non-Fuel Costs	2,441,920	2,703,202	2,214,872	2,005,187	2,235,176	2,482,550	2,292,894	2,291,464	2,292,086	2,291,072	2,290,317	2,290,349	27,831,578
Total System Purchased Power Costs	5,704,335	5,799,564	4,818,696	4,639,206	4,106,472	6,127,481	6,215,396	6,161,639	6,101,460	5,578,199	4,951,324	5,059,846	65,263,621
Less Direct Billing To GSLD1 Class:													
Demand	47,735	108,048	182,954	102,241	47,706	113,576	276,673	276,673	276,673	276,673	276,673	276,673	2,262,298
Commodity	124,277	186,080	113,442	42,534	16,327	63,612	112,592	120,038	107,310	101,924	93,621	99,067	1,180,824
Net Purchased Power Costs	5,532,323	5,505,436	4,522,300	4,494,431	4,042,439	5,950,293	5,826,131	5,764,828	5,717,477	5,199,802	4,581,030	4,684,106	61,820,499
Other Fuel Costs	3,042	13,550	5,412	11,694	17,841	56,170	10,300	10,300	10,300	10,300	10,300	10,300	169,509
Total Costs and Charges	5,535,365	5,518,986	4,527,712	4,506,125	4,060,280	6,006,463	5,836,431	5,775,228	5,727,777	5,209,902	4,591,330	4,694,406	61,990,008
Sales Revenues - Fuel Adjustment Revenues:													
RS<	0.10283	1,892,704	1,913,825	1,851,984	1,627,707	1,646,071	1,906,360	1,887,392	1,898,524	1,868,941	1,664,150	1,428,110	21,187,492
RS=	0.11532	1,048,194	1,129,971	810,158	1,129,971	488,369	976,718	1,706,389	1,616,970	1,547,670	959,719	531,833	843,275
GS	0.10343	510,745	524,797	494,192	468,494	493,428	603,056	634,633	626,317	568,502	451,676	455,326	6,464,408
GSD	0.09826	1,189,157	1,164,473	1,148,238	1,190,882	1,208,894	1,319,657	1,588,846	1,567,960	1,593,839	1,461,674	1,206,467	15,802,365
GSLD	0.09460	613,228	546,755	555,309	621,958	661,585	696,501	797,295	780,158	766,750	730,197	669,499	8,106,832
LS	0.08028	50,029	48,455	49,999	49,995	50,116	50,084	50,669	50,635	50,958	50,992	51,075	605,024
0.08028													0
Unbilled Fuel Revenues	67,839	(79,601)	(192,182)	(126,932)	272,120	576,001							517,245
Total Fuel Revenues (Excl. GSLD1)	5,362,806	5,249,675	4,718,698	4,241,663	4,820,373	6,131,379	6,663,833	6,548,880	6,454,575	5,475,234	4,338,660	4,787,327	64,793,103
GSLD1 Fuel Revenues	172,012	294,128	296,396	144,775	64,033	177,188	389,265	396,711	383,963	378,597	370,294	375,740	3,443,122
Non-Fuel Revenues	2,288,475	2,321,991	2,160,694	1,928,308	1,973,491	2,332,567	2,546,202	2,585,909	2,188,142	2,301,469	2,211,046	3,202,533	28,040,827
Total Sales Revenue	7,823,293	7,865,794	7,175,788	6,314,746	6,857,897	8,641,134	9,599,300	9,531,500	9,026,700	8,155,300	6,920,000	8,365,600	96,277,052
KWH Sales:													
RS<	18,309,598	18,609,349	18,011,385	15,830,816	16,008,065	18,540,689	18,354,491	18,462,747	18,175,055	16,183,508	13,888,070	15,673,674	206,047,447
RS=	9,097,556	9,798,886	7,025,482	3,551,671	4,235,012	8,469,855	14,796,992	14,021,592	13,420,656	8,669,088	4,611,801	7,312,480	105,011,071
GS	4,938,223	5,073,287	4,778,233	4,529,765	4,770,840	5,830,817	6,122,420	6,135,874	6,055,466	5,496,491	4,366,969	4,402,267	62,500,653
GSD	12,339,838	11,864,166	11,729,305	12,133,883	12,310,015	13,439,781	16,169,811	15,957,252	16,221,650	14,875,580	12,278,313	11,819,544	161,139,139
GSLD	6,482,193	5,779,540	5,869,961	6,574,476	6,993,358	7,394,156	8,428,062	8,246,811	8,105,183	7,718,785	7,077,153	7,025,336	85,695,114
GSLD1	2,200,000	3,290,000	2,020,000	740,000	290,000	1,110,000	1,922,260	2,048,856	1,829,972	1,729,298	1,579,077	1,667,403	20,426,866
OL	623,559	621,734	623,200	623,126	625,122	624,638	631,154	630,731	634,756	635,177	636,205	635,493	7,544,895
SL,CSL													0
Total KWH Sales	53,990,967	55,036,962	50,057,566	43,963,737	45,232,412	55,409,936	66,425,190	65,503,963	64,442,739	55,307,927	44,437,589	48,536,197	648,365,185
True-up Calculation (Excl. GSLD1):													
Fuel Revenues	5,362,806	5,249,675	4,718,698	4,241,663	4,820,373	6,131,379	6,663,833	6,548,880	6,454,575	5,475,234	4,338,660	4,787,327	64,793,103
True-up Provision - collect/(refund)	242,298	242,297	242,297	242,297	242,297	242,297	242,297	242,297	242,297	242,297	242,297	242,297	2,907,565
Gross Receipts Tax Refund													0
Fuel Revenue	5,120,508	5,007,378	4,476,401	3,999,366	4,578,016	5,889,082	6,421,536	6,306,583	6,212,278	5,232,937	4,098,363	4,545,030	61,885,538
Net Purchased Power and Other Fuel Costs	5,535,365	5,518,986	4,527,712	4,506,125	4,060,280	6,006,463	5,836,431	5,775,228	5,727,777	5,209,902	4,591,330	4,694,406	61,990,008
True-up Provision for the Period	(414,857)	(511,608)	(51,311)	(508,759)	517,796	(117,381)	585,105	531,356	484,501	23,035	(494,967)	(148,377)	(104,471)
Interest Provision for the Period	(317)	(333)	(274)	(276)	(321)	(306)							

FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF PURCHASED POWER COSTS AND CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD1
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2016 THROUGH DECEMBER 2015
BASED ON TWELVE MONTHS ACTUAL
(EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule C1

		2015												Total
		ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	ACTUAL AUGUST	ACTUAL SEPTEMBER	ACTUAL OCTOBER	ACTUAL NOVEMBER	ACTUAL DECEMBER	
Total System Sales - KWH		53,990,967	55,036,962	50,057,566	43,983,737	45,232,412	55,409,936	67,469,813	67,758,380	61,258,059	46,999,567	44,782,087	46,365,507	638,345,003
ROCKETNN Purchases - KWH		556,381	659,762	696,071	783,500	746,414	536,024	1,282,530	743,548	740,151	1,746,000	684,172	1,564,838	10,749,391
Rayonier Purchases - KWH - On Peak		237,691	58,533	422,848	468,003	275,300	449,708	307,890	193,406	412,441	249,563	221,334	125,497	3,422,244
Rayonier Purchases - KWH - Off Peak		294,869	142,559	605,966	793,018	517,117	829,847	500,741	621,674	1,001,897	485,993	292,762	66,599	6,243,242
JEA Purchases - KWH		29,674,112	29,136,687	23,196,492	22,117,979	27,680,948	33,051,355	35,346,061	34,125,353	27,949,295	22,245,440	23,144,820	24,077,040	331,747,572
Gulf Purchases - KWH		27,519,518	25,318,858	21,757,928	22,465,423	26,605,236	29,770,105	33,084,608	32,184,687	27,125,234	23,046,822	22,292,503	23,396,033	314,546,965
Southern Purchases - TOTAL PURCHASES		246,196	245,361	243,873	243,749	245,919	194,535	249,124	241,768	252,690	250,734	251,095	249,913	2,914,956
System Billing Demand - JEA KW		74,771	91,750	62,003	61,027	61,510	62,028	72,352	72,800	75,846	55,373	50,803	52,954	803,218
System Billing Demand - Gulf KW		91,000	91,000	91,000	91,000	91,000	91,000	91,000	91,000	91,000	91,000	91,000	91,000	1,092,000
Peak Billing Demand - Gulf KW		58,275	57,911	57,437	57,844	58,233	58,976	59,232	60,050	60,250	59,819	59,892	59,566	707,465
DEMAND-KW-(network load) JEA TRANS		109,736	122,416	81,911	76,649	99,675	102,073	96,150	100,114	92,501	64,686	64,832	74,663	1,127,129
Purchased Power Rates:														
RockTenn Fuel Costs - \$/KWH		0.04426	0.04426	0.04426	0.04426	0.04426	0.04426	0.04426	0.04426	0.04426	0.04426	0.04426	0.04426	0.04426
Rayonier - Energy Charge - On Peak - \$/KWH		0.04563	0.04563	0.04563	0.10478	0.04563	0.10478	0.04563	0.04563	0.04563	0.04563	0.04563	0.04563	0.04563
Rayonier - Energy Charge - Off Peak - \$/KWH		0.04563	0.04563	0.04563	0.05460	0.04563	0.05460	0.04563	0.04563	0.04563	0.04563	0.04563	0.04563	0.04563
JEA Base Fuel Costs - \$/KWH		0.04360	0.04360	0.04360	0.04360	0.04360	0.04360	0.04360	0.04360	0.04360	0.04360	0.04360	0.04360	0.04360
JEA Energy Charge - \$/KWH		0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162	0.01162
JEA Demand and Non-Fuel:														
Demand Charge - \$/KW		14.31	14.31	14.31	14.31	14.31	14.31	14.31	14.31	14.31	14.31	14.31	14.31	14.31
Distribution Facilities Charge - \$														
Transmission Charge \$/KW		1.51000	1.51000	1.51000	1.51000	1.51000	1.51000	1.51000	1.51000	1.51000	1.51000	1.51000	1.51000	1.51000
Gulf Energy Environmental Line Loss Fctr: 0.97400		0.05574	0.05574	0.05574	0.05574	0.05574	0.05574	0.05574	0.05574	0.05574	0.05574	0.05574	0.05574	0.05574
Gulf Fuel Demand and Non-Fuel:														
Capacity Charge \$/KW		10.55000	10.55000	10.55000	10.55000	10.55000	10.55000	10.55000	10.55000	10.55000	10.55000	10.55000	10.55000	10.55000
Transmission and Interconnection		2.73760	2.60911	2.60911	2.60911	2.60911	2.60911	2.60911	2.60911	2.60911	2.60911	2.60911	2.60911	2.60911
Distribution Charge														
Purchased Power Costs:														
RockTenn Fuel Costs		24,625	29,201	30,808	34,678	33,036	23,724	57,207	32,809	32,759	77,278	30,281	69,260	475,766
Rayonier Standby Costs		24,301	9,176	48,945	92,336	36,159	82,430	41,005	37,202	97,920	33,564	23,458	8,765	543,261
Gulf Base Fuel Costs		1,574,885	1,448,946	1,245,161	1,285,650	1,522,852	1,703,681	1,893,364	1,840,719	1,552,321	1,318,922	1,275,754	1,338,906	18,000,871
JEA Base Fuel Costs		1,293,791	1,270,447	1,011,367	964,344	(42,114)	1,441,039	1,541,068	1,487,865	1,218,589	969,901	(243,832)	1,048,759	11,962,244
JEA Fuel Adjustment		344,813	338,592	269,543	257,011	321,653	384,057	410,721	396,538	324,771	258,462	268,843	278,775	3,854,909
Subtotal Fuel Costs		3,262,415	3,096,362	2,603,824	2,634,019	1,871,266	3,644,931	3,943,365	3,795,233	3,228,360	2,656,157	1,354,604	2,746,465	34,837,051
Demand and Non-Fuel Costs:														
JEA Demand Charge		1,069,873	1,312,945	887,263	730,196	860,208	1,173,835	1,035,357	1,041,768	1,065,358	792,386	726,891	757,772	11,484,050
JEA Dist. Facilities Charge		0	0	0	0	0	0	0	0	0	0	0	0	0
JEA Transmission Charge		165,702	184,848	123,686	71,193	149,000	154,130	145,187	151,172	140,281	128,181	128,247	112,771	1,654,398
Gulf Capacity Charge		960,050	960,050	960,050	960,050	960,050	960,050	960,050	960,050	960,050	960,050	960,050	960,050	11,520,600
Southern Transmission/Interc		246,196	245,361	243,873	243,749	245,919	194,535	249,124	241,768	252,690	250,734	251,095	249,913	2,914,957
Meter Reading and Processing														0
Subtotal Demand & Non-Fuel Costs		2,441,921	2,703,202	2,214,872	2,065,188	2,235,177	2,482,550	2,369,718	2,394,758	2,438,377	2,131,353	2,066,383	2,080,506	27,584,005
Total System Purchased Power Costs		5,704,336	5,799,564	4,818,696	4,699,207	4,106,473	6,127,481	6,333,103	6,189,991	5,664,737	4,789,510	3,420,987	4,826,971	62,421,056
Less Direct Billing To GSLD1 Class: Demand		47,735	108,048	182,854	102,241	47,706	113,576	47,706	50,683	217,680	47,706	47,706	195,689	1,209,430
(these 2 amounts (Demand and commodity) should Commodity)		124,277	186,080	113,442	42,534	16,327	63,612	75,960	108,306	74,462	22,871	67,607	171,195	1,066,664
Net Purchased Power Costs		5,532,324	5,505,436	4,522,299	4,494,432	4,042,441	5,950,293	6,209,447	6,031,002	5,372,594	4,718,934	3,305,674	4,460,087	60,144,963
Special Costs		3,042	16,822	5,497	11,694	17,841	57,339	49,084	33,992	(11,123)	1,517	1,225	(18,242)	168,687
Total Costs and Charges:		5,535,366	5,522,258	4,527,796	4,506,126	4,060,281	6,007,631	6,258,531	6,064,994	5,361,472	4,720,451	3,306,899	4,441,845	60,313,650
Sales Revenues - Fuel Adjustment Revenues:														
RS< 1,000 kwh 0.10283		1,882,704	1,913,825	1,851,984	1,627,707	1,648,071	1,906,360	2,067,894	2,063,061	1,975,265	1,673,464	1,587,662	1,617,512	21,823,529
RS< 1,000 kwh 0.11532		1,049,104	1,129,971	810,158	409,559	488,369	978,718	1,809,840	1,537,820	1,173,029	507,068	399,297	448,955	10,539,988
GS 0.10343		510,745	524,767	494,192	498,494	483,428	603,056	751,164	758,224	687,597	582,196	523,706	503,534	6,901,133
GSD 0.09826		1,189,157	1,164,473	1,149,238	1,190,882	1,208,684	1,319,657	1,566,622	1,577,441	1,468,524	1,225,429	1,128,531	1,092,878	15,281,016
GSLD 0.09460		613,228	546,755	555,309	621,958	661,565	689,507	776,629	796,345	789,641	678,858	700,366	687,724	8,108,919
OL 0.08028		50,029	49,454	49,998	49,994	50,116	50,084	50,212	49,798	49,961	49,712	49,831	50,320	599,509
SL,CSL 0.08028		0	0	0	0	0	0	0	0	0	0	0	0	0
Unbilled Fuel Revenues		67,839	(79,601)	(192,182)	(126,932)	272,120	576,001	88,664	3,221	(426,697)	(209,838)	(110,549)	(25,557)	(163,509)
Total Fuel Revenues (Excl. GSLD1)		5,362,806	5,249,674	4,718,697	4,241,662	4,820,373	6,131,379	6,911,025	6,786,010	5,717,320	4,507,889	4,288,384	4,355,366	63,090,586
GSLD1 Fuel Revenues		172,012	294,128	296,397	144,775	64,032	177,188	123,656	158,989	292,143	70,578	115,313	366,884	2,276,093
Non-Fuel Revenues		2,288,475	2,321,991	2,160,693	1,928,308	1,973,491	2,352,567	2,687,314	2,708,865	2,496,307	2,035,723	1,942,739	1,972,569	26,851,041
Total Sales Revenue		7,823,294	7,865,793	7,175,877	6,314,745	6,657,897	8,641,134	9,721,995	9,653,864	8,507,770	6,614,188	6,346,435	6,694,619	92,217,721
KWH Sales:														
RS< 1,000 kwh		18,309,598	18,608,349	18,011,395	15,830,816	15,008,065	18,540,689	20,111,897	20,064,696	19,211,346	16,275,548	15,538,496	15,731,369	212,243,275
RS< 1,000 kwh		9,097,556	9,798,886	7,025,482	3,551,671	4,235,012	8,469,855	13,960,127	13,336,449	10,172,213	4,397,163	3,462,598	3,893,215	91,400,227
GS		4,938,223	5,073,287	4,778,233	4,529,765	4,770,840	5,830,917	7,262,839	7,331,113	6,648,221	5,629,130	5,063,590	4,868,556	66,724,614
GSD		12,339,838	11,864,166	11,729,306	12,313,883	12,310,015	13,439,781	15,946,801	16,062,353	14,955,585	12,481,601	11,492,797	11,136,842	156,895,767
GSLD		6,482,193	5,779,540	5,869,961	6,574,476	6,993,358	7,394,156	8,209,440	8,417,852	8,347,0				