

Diamond Williams

From: Keating, Beth [BKeating@gunster.com]
Sent: Monday, February 28, 2011 10:22 AM
To: Filings@psc.state.fl.us
Cc: 'sdriteno@southernco.com'; 'jas@beggslane.com'; 'Schef Wright'; 'fbondurant@embarqmail.com'; Pauline Evans; KELLY.JR
Subject: Docket No. 110041-EI
Attachments: 20110228101510483.pdf

Attached for electronic filing, please find Florida Public Utilities Company's Responses to Staff's Second Set of Data Requests in the above-reference Docket. Please do not hesitate to contact me if you have any questions.

Beth Keating
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a. Person responsible for this electronic filing:

Beth Keating
Gunster, Yoakley & Stewart, P.A.
 215 S. Monroe St., Suite 618
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b. Docket No. 110041-EI – Petition for Approval of Amendment No. 1 to Generation Services Agreement with Gulf Power Company, by Florida Public Utilities Company.

c. On behalf of: Florida Public Utilities Company

d. There are a total of 19 pages.

e. Description: FPUC's Responses to Staff's Second Data Requests.

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Tax Advice Disclosure: To ensure compliance with requirements imposed by the IRS

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Writer's E-Mail Address: bkeating@gunster.com

February 28, 2011

BY ELECTRONIC FILING

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

Re: Docket No. 110041-EI - Petition for approval of Amendment No. 1 to generation services agreement with Gulf Power Company, by Florida Public Utilities Company.

Dear Ms. Cole:

Enclosed for electronic filing in the referenced Docket, please find Florida Public Utilities Company's Responses to FPSC Staff's Second Set of Data Requests to FPUC. Service has been made in accordance with the attached certificate.

Thank you for your assistance with this filing. If you have any questions whatsoever, please do not hesitate to let me know.

Sincerely,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 618
Tallahassee, FL 32301
(850) 521-1706

MEK

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FPSC-COMMISSION CLERK

**FLORIDA PUBLIC UTILITIES COMPANY
RESPONSES TO
STAFF'S SECOND DATA REQUEST
DOCKET NO. 110041-EI**

1. Please describe how the minimum capacity amount of 91 MW was selected. Please provide any work papers or calculations supporting the minimum capacity amount of 91 MW.

Company Response: The minimum capacity amount of 91 MW was negotiated. The minimum capacity amount is one of many items that were negotiated, with the result being a carefully balanced amendment which provides for significant savings for the Company from 2011 through 2019, while providing benefits to Gulf Power through the escalation of the capacity charges and the extension period of the Agreement for Generation Services.

2. Please complete the table below describing FPUC's projected peak demand. Please provide assumptions used to develop forecast.

Company Response: The Projected Peak Demands shown are the summer peaks (May – September) that are defined as the Peak Period for the calculation of the Capacity Purchase Quantity in the Agreement for Generation Services. The transmission loss factor is 2.6%, as reflected in the Agreement for Generation Services.

	Projected Peak Demand (kW)	Peak after Transmission Loss Adjustment (kW)
2011	66,242	68,010
2012	66,898	68,684
2013	67,560	69,363
2014	68,231	70,052
2015	68,908	70,747
2016	69,593	71,451
2017	70,287	72,163
2018	70,987	72,882
2019	71,696	73,610

3. Assuming the amended contract, please complete the table below describing the rate impact on a typical monthly bill.

Company Response: The following assumptions are used to complete the charts for Questions 3 and 4: 1) the impacts are for Residential bills; 2) the Time-of-Use (TOU) rates and Interruptible rates are as approved and the maximum participation level is assumed; 3) TOU and Interruptible participants achieve the projected savings levels for their respective rate classes; 4) the TOU and Interruptible participants were in the programs for the full year, respectively; 5) Capacity Demand Purchases remain at 91

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MW over the remaining term of the amendment; 6) Capacity Demand Purchases would have been at the 97.944 MW level over the remaining term if no amendment had occurred; 7) all annual savings, after the allocation to TOU and interruptible is allocated to residential customers; and 8) all other factors and rates are held constant throughout 2019. See Attachments A and B.

	Monthly Bill Impact	
	(\$/1,000 kWh)	(\$/1,200 kWh)
2011	\$145.96	\$174.76
2012	\$145.88	\$174.66
2013	\$145.75	\$174.50
2014	\$145.61	\$174.34
2015	\$145.47	\$174.17
2016	\$145.31	\$173.98
2017	\$145.17	\$173.81
2018	\$145.02	\$173.63
2019	\$144.88	\$173.46

4. Assuming the current contract, please complete the table below describing the rate impact on a typical monthly bill.

	Monthly Bill Impact	
	(\$/1,000 kWh)	(\$/1,200 kWh)
2011	\$148.26	\$177.52
2012	\$148.26	\$177.52
2013	\$148.26	\$177.52
2014	\$148.26	\$177.52
2015	\$148.26	\$177.52
2016	\$148.26	\$177.52
2017	\$148.26	\$177.52
2018	N/A	N/A
2019	N/A	N/A

5. Based on the peak demand projections listed in response to Question 1, please complete the table below describing the projected capacity purchases for years 2011-2019. (Assume the amended contract).

	Capacity Purchase (kW)
2011	91,000
2012	91,000
2013	91,000
2014	91,000

2015	91,000
2016	91,000
2017	91,000
2018	91,000
2019	91,000

See Attachment C for detailed calculations.

6. Based on the peak demand projections listed in response to Question 1, please complete the table below describing the projected capacity purchases for years 2011-2019. (Assume the current contract).

	Capacity Purchase (kW)
2011	97,944
2012	97,944
2013	97,944
2014	97,944
2015	97,944
2016	97,944
2017	97,944
2018	N/A
2019	N/A

See Attachment D for detailed calculations.

7. Did FPUC issue a request for proposals (RFP) for power in years 2018 and 2019.

Company Response: No. The Company negotiated a carefully balanced amendment which provides for significant savings for the Company from 2011 through 2019, while providing benefits to Gulf Power through the escalation of the capacity charges and the extension period of the Agreement for Generation Services.

- a. If yes, please provide responses to the RFP.

Company Response: Not applicable.

8. Please complete the table below assuming monthly capacity payments are derived through the cost-of-service tied to actual Gulf system capital costs.

	Monthly Capacity Rate (\$/kW-Mo.)
2011	
2012	
2013	
2014	
2015	
2016	
2017	
2018	
2019	

THIS QUESTION WAS WITHDRAWN BY STAFF.

9. Please complete the table below assuming monthly capacity payments are derived through the cost-of-service tied to actual Gulf system capital costs.

	Monthly Bill Impact	
	(\$/1,000 kWh)	(\$/1,200 kWh)
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		
2019		

THIS QUESTION WAS WITHDRAWN BY STAFF.

10. If FPUC identified an alternative provider of full requirements wholesale power service that offered lower costs and/or better terms and pricing structure compared to its contract with Gulf Power, could FPUC avail itself of such an opportunity? Please identify the provision in the original Agreement or the amendment that allows FPUC to avail itself of such an opportunity.

Company Response: The existing Agreement, and the proposed Amendment, is a “full requirements” contract, and as such, the Company is restricted in purchasing power for other entities (there are a couple of very specific exceptions, as noted in Section 3.4 of the Agreement). As such, there are no provisions in the original Agreement or the amendment that allows FPUC to avail itself of such an opportunity.

11. What would be the costs to FPUC of ending its contract with Gulf Power so that it could take advantage of a lower cost alternative?

Company Response: Neither the Agreement for Generation Services nor Amendment No. 1 have any provision to terminate the contract prior to the expiration of the term of the Agreement (as extended by the proposed Amendment No. 1). Therefore, absent an Event of Default by either party, FPUC does not believe that it can end the contract with Gulf Power and therefore, cannot calculate the cost.

Docket No. 110041-B
 Company's Responses to Second Set of Data Requests
 Attachment A - Response to Question 3

Assuming single phase

Energy Consumption		
KWH	1,000	First 1,000 KWH
KWH	0	Over 1,000 KWH

	2011		2012		2013		2014		2015		2016		2017		2018		2019	
	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida
	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
Customer Charge	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00
Base Rate Demand Charges (\$/KW)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Base Rate Energy Charges (\$/KWH)	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58
Fossil Fuel/Purchased Power Cost Recovery <= 1,000 KWh (\$/KWH)	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53
Fossil Fuel/Purchased Power Cost Recovery > 1,000 KWh (\$/KWH)	\$0.12553	\$0.00	\$0.12553	\$0.00	\$0.12553	\$0.00	\$0.12553	\$0.00	\$0.12553	\$0.00	\$0.12553	\$0.00	\$0.12553	\$0.00	\$0.12553	\$0.00	\$0.12553	\$0.00
Purchased Power Capacity Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Wholesale Power Cost Adjustment (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Environmental Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Energy Conservation Cost Recovery (\$/KWH)	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15
Total Monthly Bill less taxes		\$148.26		\$148.26		\$148.26		\$148.26		\$148.26		\$148.26		\$148.26		\$148.26		\$148.26

\$ 725,000	0.11323	\$ 750,000	0.11315	\$ 792,000	0.11302	\$ 837,000	0.11288	\$ 879,000	0.11274	\$ 929,000	0.11258	\$ 975,000	0.11244	\$ 1,021,000	0.11229	\$ 1,067,000	0.11215
45%	0.12323	45%	0.12315	45%	0.12302	45%	0.12288	45%	0.12274	45%	0.12258	45%	0.12244	45%	0.12229	45%	0.12215
\$ 326,250		\$ 337,500		\$ 356,400		\$ 376,650		\$ 395,550		\$ 418,050		\$ 436,750		\$ 459,450		\$ 480,150	

	Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida	
	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
Customer Charge	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00
Base Rate Demand Charges (\$/KW)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Base Rate Energy Charges (\$/KWH)	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58	\$0.01958	\$19.58
Fossil Fuel/Purchased Power Cost Recovery <= 1,000 KWh (\$/KWH)	\$0.11323	\$113.23	\$0.11315	\$113.15	\$0.11302	\$113.02	\$0.11288	\$112.88	\$0.11274	\$112.74	\$0.11258	\$112.58	\$0.11244	\$112.44	\$0.11229	\$112.29	\$0.11215	\$112.15
Fossil Fuel/Purchased Power Cost Recovery > 1,000 KWh (\$/KWH)	\$0.12323	\$0.00	\$0.12315	\$0.00	\$0.12302	\$0.00	\$0.12288	\$0.00	\$0.12274	\$0.00	\$0.12258	\$0.00	\$0.12244	\$0.00	\$0.12229	\$0.00	\$0.12215	\$0.00
Purchased Power Capacity Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Wholesale Power Cost Adjustment (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Environmental Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Energy Conservation Cost Recovery (\$/KWH)	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15	\$0.00115	\$1.15
Total Monthly Bill less taxes		\$145.95		\$145.88		\$145.75		\$145.61		\$145.47		\$145.31		\$145.17		\$145.02		\$144.88
		\$2.30		\$2.38		\$2.51		\$2.65		\$2.79		\$2.95		\$3.09		\$3.24		\$3.38

Docket No. 110041-E
 Company's Responses to Second Set of Data Requests
 Attachment B - Response to Question 4

Assuming single phase

Energy Consumption	
KWH	1,000
KWH	200

First 1,000 KWH
Over 1,000 KWH

	2011		2012		2013		2014		2015		2016		2017		2018		2019	
	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida	Northwest Florida
	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
Customer Charge	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00
Base Rate Demand Charges (\$/KW)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Base Rate Energy Charges (\$/KWH)	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50
Fossil Fuel/Purchased Power Cost Recovery <= 1,000 KWh (\$/KWH)	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53	\$0.11553	\$115.53
Fossil Fuel/Purchased Power Cost Recovery > 1,000 KWh (\$/KWH)	\$0.12553	\$25.11	\$0.12553	\$25.11	\$0.12553	\$25.11	\$0.12553	\$25.11	\$0.12553	\$25.11	\$0.12553	\$25.11	\$0.12553	\$25.11	\$0.12553	\$25.11	\$0.12553	\$25.11
Purchased Power Capacity Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Wholesale Power Cost Adjustment (\$/KWH)																		
Environmental Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Energy Conservation Cost Recovery (\$/KWH)	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38
Total Monthly Bill less taxes		\$177.52		\$177.52		\$177.52		\$177.52		\$177.52		\$177.52		\$177.52		\$177.52		\$177.52

\$ 725,000	0.11323	\$ 750,000	0.11315	\$ 792,000	0.11302	\$ 837,000	0.11288	\$ 879,000	0.11274	\$ 929,000	0.11258	\$ 975,000	0.11244	\$ 1,021,000	0.11229	\$ 1,067,000	0.11215
45%	0.12323	45%	0.12315	45%	0.12302	45%	0.12288	45%	0.12274	45%	0.12258	45%	0.12244	45%	0.12229	45%	0.12215
\$ 326,250		\$ 337,500		\$ 356,400		\$ 376,650		\$ 395,550		\$ 418,050		\$ 438,750		\$ 459,450		\$ 480,150	

	Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida		Northwest Florida	
	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
Customer Charge	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00
Base Rate Demand Charges (\$/KW)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Base Rate Energy Charges (\$/KWH)	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50	\$0.01958	\$23.50
Fossil Fuel/Purchased Power Cost Recovery <= 1,000 KWh (\$/KWH)	\$0.11323	\$113.23	\$0.11315	\$113.15	\$0.11302	\$113.02	\$0.11288	\$112.88	\$0.11274	\$112.74	\$0.11258	\$112.58	\$0.11244	\$112.44	\$0.11229	\$112.29	\$0.11215	\$112.15
Fossil Fuel/Purchased Power Cost Recovery > 1,000 KWh (\$/KWH)	\$0.12323	\$24.65	\$0.12315	\$24.63	\$0.12302	\$24.60	\$0.12288	\$24.58	\$0.12274	\$24.55	\$0.12258	\$24.52	\$0.12244	\$24.49	\$0.12229	\$24.46	\$0.12215	\$24.43
Purchased Power Capacity Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Wholesale Power Cost Adjustment (\$/KWH)																		
Environmental Cost Recovery (\$/KWH)		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Energy Conservation Cost Recovery (\$/KWH)	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38	\$0.00115	\$1.38
Total Monthly Bill less taxes		\$174.76		\$174.66		\$174.50		\$174.34		\$174.17		\$173.98		\$173.81		\$173.63		\$173.46
		\$2.76		\$2.96		\$3.02		\$3.18		\$3.35		\$3.54		\$3.71		\$3.89		\$4.06

Docket No. 110041-EI
 Company's Responses to Second Set of Data Requests
 Attachment C - Response to Question 5

2011			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2007	79.197	2.6%	81.311
2008	72.928	2.6%	74.875
2009	73.203	2.6%	75.157
2010	69.581	2.6%	71.438
Peak Season is defined as May through September			
B. Growth Rate			
(1)	(a)	-7.92%	
	(b)	0.38%	
	(c)	<u>-4.95%</u>	
		-12.49%	
(2)	Divided by 3	-4.16%	
C. Forecasted Northwest Division Annual Peak Demand			
(1)	221.470		
(2)	73.823		
(3)	67.809		
		Highest Amt	
or		73.298	
(1)	146.595		
(2)	73.298		
D. Capacity Purchase			
(1)	(a)	(i)	1.15
		(ii)	84.293
	or		Least Amount
			84.293
	(b)	(i)	0.9684
		(ii)	88.125
(2)	91.000		
2011 Capacity Purchase		91.000 Highest Amount	

2012			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2008	72.928	2.6%	74.875
2009	73.203	2.6%	75.157
2010	69.581	2.6%	71.438
2011	66.242	2.6%	68.010
Peak Season is defined as May through September			
B. Growth Rate			
(1)	(a)	0.38%	
	(b)	-4.95%	
	(c)	<u>-4.80%</u>	
		-9.37%	
(2)	Divided by 3	-3.12%	
C. Forecasted Northwest Division Annual Peak Demand			
(1)	214.605		
(2)	71.535		
(3)	67.141		
		Highest Amt	
or		69.724	
(1)	139.448		
(2)	69.724		
D. Capacity Purchase			
(1)	(a)	(i)	1.15
		(ii)	80.183
	or		Least Amount
			80.183
	(b)	(i)	0.9788
		(ii)	89.071
(2)	91.000		
2012 Capacity Purchase		91.000 Highest Amount	

2013			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2009	73.203	2.6%	75.157
2010	69.581	2.6%	71.438
2011	66.242	2.6%	68.010
2012	66.898	2.6%	68.684

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)	-4.95%	
	(b)	-4.80%	
	(c)	0.99%	
		-8.76%	
(2)	Divided by 3	-2.92%	

C. Forecasted Northwest Division Annual Peak Demand

(1)	208.132	
(2)	69.377	
(3)	65.385	
		Highest Amt
or		68.347
(1)	136.694	
(2)	68.347	

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	78.599	
	or			Least Amount
				78.599
(b)	(i)	(i)	0.9808	
		(ii)	89.253	
(2)			91.000	

2013 Capacity Purchase 91.000 Highest Amount

2014			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2010	69.581	2.6%	71.438
2011	66.242	2.6%	68.010
2012	66.898	2.6%	68.684
2013	67.560	2.6%	69.363

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)	-4.80%	
	(b)	0.99%	
	(c)	0.99%	
		-2.82%	
(2)	Divided by 3	-0.94%	

C. Forecasted Northwest Division Annual Peak Demand

(1)	206.057	
(2)	68.686	
(3)	67.401	
		Highest Amt
or		69.024
(1)	138.047	
(2)	69.024	

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	79.378	
	or			Least Amount
				79.378
(b)	(i)	(i)	1.0006	
		(ii)	91.055	
(2)			91.000	

2014 Capacity Purchase 91.000 Highest Amount

2015			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2011	66.242	2.6%	68.010
2012	66.898	2.6%	68.684
2013	67.560	2.6%	69.363
2014	68.231	2.6%	70.052
Peak Season is defined as May through September			
B. Growth Rate			
(1)	(a)	0.99%	
	(b)	0.99%	
	(c)	0.99%	
		<hr/>	
		2.97%	
(2)	Divided by 3	0.99%	
C. Forecasted Northwest Division Annual Peak Demand			
(1)	208.099		
(2)	69.366		
(3)	70.746		
		Highest Amt	
or		70.746	
(1)	139.415		
(2)	69.708		
D. Capacity Purchase			
(1)	(a)	(i)	1.15
		(ii)	81.358
	or		Least Amount
			81.358
	(b)	(i)	1.0199
		(ii)	92.811
(2)	91.000		
2015 Capacity Purchase		91.000 Highest Amount	

2016			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2012	66.898	2.6%	68.684
2013	67.560	2.6%	69.363
2014	68.231	2.6%	70.052
2015	68.908	2.6%	70.747
Peak Season is defined as May through September			
B. Growth Rate			
(1)	(a)	0.99%	
	(b)	0.99%	
	(c)	0.99%	
		<hr/>	
		2.97%	
(2)	Divided by 3	0.99%	
C. Forecasted Northwest Division Annual Peak Demand			
(1)	210.162		
(2)	70.054		
(3)	71.448		
		Highest Amt	
or		71.448	
(1)	140.799		
(2)	70.4		
D. Capacity Purchase			
(1)	(a)	(i)	1.15
		(ii)	82.165
	or		Least Amount
			82.165
	(b)	(i)	1.0199
		(ii)	92.811
(2)	91.000		
2016 Capacity Purchase		91.000 Highest Amount	

2017			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2013	67.560	2.6%	69.363
2014	68.231	2.6%	70.052
2015	68.908	2.6%	70.747
2016	69.593	2.6%	71.451
Peak Season is defined as May through September			
B. Growth Rate			
(1)	(a)	0.99%	
	(b)	0.99%	
	(c)	1.00%	
		<u>2.98%</u>	
(2)	Divided by 3	0.99%	
C. Forecasted Northwest Division Annual Peak Demand			
(1)	212.250		
(2)	70.75		
(3)	72.158		
		Highest Amt	
or		72.158	
(1)	142.198		
(2)	71.099		
D. Capacity Purchase			
(1)	(a)	(i)	1.15
		(ii)	82.982
	or		Least Amount
			82.982
	(b)	(i)	1.0199
		(ii)	92.811
(2)	91.000		
2017 Capacity Purchase		91.000 Highest Amount	

2018			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2014	68.231	2.6%	70.052
2015	68.908	2.6%	70.747
2016	69.593	2.6%	71.451
2017	70.287	2.6%	72.163
Peak Season is defined as May through September			
B. Growth Rate			
(1)	(a)	0.99%	
	(b)	1.00%	
	(c)	1.00%	
		<u>2.99%</u>	
(2)	Divided by 3	1.00%	
C. Forecasted Northwest Division Annual Peak Demand			
(1)	214.361		
(2)	71.454		
(3)	72.890		
		Highest Amt	
or		72.890	
(1)	143.614		
(2)	71.807		
D. Capacity Purchase			
(1)	(a)	(i)	1.15
		(ii)	83.824
	or		Least Amount
			83.824
	(b)	(i)	1.0200
		(ii)	92.820
(2)	91.000		
2018 Capacity Purchase		91.000 Highest Amount	

2019			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2015	68.908	2.6%	70.747
2016	69.593	2.6%	71.451
2017	70.287	2.6%	72.163
2018	70.987	2.6%	72.882
Peak Season is defined as May through September			
B. Growth Rate			
(1)	(a)		1.00%
	(b)		1.00%
	(c)		1.00%
			3.00%
(2)	Divided by 3		1.00%
C. Forecasted Northwest Division Annual Peak Demand			
(1)	216.496		
(2)	72.165		
(3)	73.616		
		Highest Amt	
or		73.616	
(1)	145.045		
(2)	72.523		
D. Capacity Purchase			
(1)	(a)	(i)	1.15
		(ii)	84.658
	or		Least Amount
			84.658
	(b)	(i)	1.0200
		(ii)	92.820
(2)	91.000		
2019 Capacity Purchase		91.000	Highest Amount

Docket No. 110041-EI
 Company's Responses to Second Set of Data Requests
 Attachment D - Response to Question 6

2011				
A. Northwest Division Annual Peak Demand				
Year	Peak Season MW	Trans Loss %	Peak Season MW	
2007	79.197	2.6%	81.311	
2008	72.928	2.6%	74.875	
2009	73.203	2.6%	75.157	
2010	69.581	2.6%	71.438	
Peak Season is defined as May through September				
B. Growth Rate				
(1)	(a)	-7.92%		
	(b)	0.38%		
	(c)	<u>-4.95%</u>		
		-12.49%		
(2)	Divided by 3	-4.16%		
C. Forecasted Northwest Division Annual Peak Demand				
(1)	221.470			
(2)	73.823			
(3)	67.809			
		Highest Amt		
or		73.298		
(1)	146.595			
(2)	73.298			
D. Capacity Purchase				
(1)	(a)	(i)	1.15	
		(ii)	84.293	
	or			Least Amount
				84.293
	(b)	(i)	0.9684	
		(ii)	94.850	
(2)	97.944			
2011 Capacity Purchase		97.944 Highest Amount		

2012				
A. Northwest Division Annual Peak Demand				
Year	Peak Season MW	Trans Loss %	Peak Season MW	
2008	72.928	2.6%	74.875	
2009	73.203	2.6%	75.157	
2010	69.581	2.6%	71.438	
2011	66.242	2.6%	68.010	
Peak Season is defined as May through September				
B. Growth Rate				
(1)	(a)	0.38%		
	(b)	-4.95%		
	(c)	<u>-4.80%</u>		
		-9.37%		
(2)	Divided by 3	-3.12%		
C. Forecasted Northwest Division Annual Peak Demand				
(1)	214.605			
(2)	71.535			
(3)	67.141			
		Highest Amt		
or		69.724		
(1)	139.448			
(2)	69.724			
D. Capacity Purchase				
(1)	(a)	(i)	1.15	
		(ii)	80.183	
	or			Least Amount
				80.183
	(b)	(i)	0.9788	
		(ii)	95.868	
(2)	97.944			
2012 Capacity Purchase		97.944 Highest Amount		

2013			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2009	73.203	2.6%	75.157
2010	69.581	2.6%	71.438
2011	66.242	2.6%	68.010
2012	66.898	2.6%	68.684

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)	-4.95%	
	(b)	-4.80%	
	(c)	0.99%	
		<hr/>	
		-8.76%	
(2)	Divided by 3	-2.92%	

C. Forecasted Northwest Division Annual Peak Demand

(1)	208.132	
(2)	69.377	
(3)	65.385	
		Highest Amt
or		68.347
(1)	136.694	
(2)	68.347	

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	78.599	
	or			Least Amount
				78.599
	(b)	(i)	0.9808	
		(ii)	96.063	
(2)	97.944			

2013 Capacity Purchase 97.944 Highest Amount

2014			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2010	69.581	2.6%	71.438
2011	66.242	2.6%	68.010
2012	66.898	2.6%	68.684
2013	67.560	2.6%	69.363

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)	-4.80%	
	(b)	0.99%	
	(c)	0.99%	
		<hr/>	
		-2.82%	
(2)	Divided by 3	-0.94%	

C. Forecasted Northwest Division Annual Peak Demand

(1)	206.057	
(2)	68.686	
(3)	67.401	
		Highest Amt
or		69.024
(1)	138.047	
(2)	69.024	

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	79.378	
	or			Least Amount
				79.378
	(b)	(i)	1.0006	
		(ii)	98.003	
(2)	97.944			

2014 Capacity Purchase 97.944 Highest Amount

2015			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2011	66.242	2.6%	68.010
2012	66.898	2.6%	68.684
2013	67.560	2.6%	69.363
2014	68.231	2.6%	70.052

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)		0.99%
	(b)		0.99%
	(c)		0.99%
			<u>2.97%</u>
(2)	Divided by 3		0.99%

C. Forecasted Northwest Division Annual Peak Demand

(1)	208.099		
(2)	69.366		
(3)	70.746		
		Highest Amt	
or		70.746	
(1)	139.415		
(2)	69.708		

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	81.358	
	or			Least Amount
				81.358
	(b)	(i)	1.0199	
		(ii)	99.893	
(2)				97.944

2015 Capacity Purchase 97.944 Highest Amount

2016			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2012	66.898	2.6%	68.684
2013	67.560	2.6%	69.363
2014	68.231	2.6%	70.052
2015	68.908	2.6%	70.747

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)		0.99%
	(b)		0.99%
	(c)		0.99%
			<u>2.97%</u>
(2)	Divided by 3		0.99%

C. Forecasted Northwest Division Annual Peak Demand

(1)	210.162		
(2)	70.054		
(3)	71.448		
		Highest Amt	
or		71.448	
(1)	140.799		
(2)	70.4		

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	82.165	
	or			Least Amount
				82.165
	(b)	(i)	1.0199	
		(ii)	99.893	
(2)				97.944

2016 Capacity Purchase 97.944 Highest Amount

2017			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2013	67.560	2.6%	69.363
2014	68.231	2.6%	70.052
2015	68.908	2.6%	70.747
2016	69.593	2.6%	71.451

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)		0.99%
	(b)		0.99%
	(c)		1.00%
			2.98%
(2)	Divided by 3		0.99%

C. Forecasted Northwest Division Annual Peak Demand

(1)	212.250		
(2)	70.75		
(3)	72.158		
		Highest Amt	
or		72.158	
(1)	142.198		
(2)	71.099		

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	82.982	
		or		Least Amount
				82.982
(1)	(b)	(i)	1.0199	
		(ii)	99.893	
(2)			97.944	

2017 Capacity Purchase 97.944 Highest Amount

2018			
A. Northwest Division Annual Peak Demand			
Year	Peak Season MW	Trans Loss %	Peak Season MW
2014	68.231	2.6%	70.052
2015	68.908	2.6%	70.747
2016	69.593	2.6%	71.451
2017	70.287	2.6%	72.163

Peak Season is defined as May through September

B. Growth Rate			
(1)	(a)		0.99%
	(b)		1.00%
	(c)		1.00%
			2.99%
(2)	Divided by 3		1.00%

C. Forecasted Northwest Division Annual Peak Demand

(1)	214.361		
(2)	71.454		
(3)	72.890		
		Highest Amt	
or		72.890	
(1)	143.614		
(2)	71.807		

D. Capacity Purchase

(1)	(a)	(i)	1.15	
		(ii)	83.824	
		or		Least Amount
				83.824
(1)	(b)	(i)	1.0200	
		(ii)	99.903	
(2)			97.944	

2018 Capacity Purchase 97.944 Highest Amount

2019

A. Northwest Division Annual Peak Demand

Year	Peak Season MW	Trans Loss %	Peak Season MW
2015	68.908	2.6%	70.747
2016	69.593	2.6%	71.451
2017	70.287	2.6%	72.163
2018	70.987	2.6%	72.882

Peak Season is defined as May through September

B. Growth Rate

(1)	(a)	1.00%
	(b)	1.00%
	(c)	1.00%
		3.00%
(2)	Divided by 3	1.00%

C. Forecasted Northwest Division Annual Peak Demand

(1)	216.496
(2)	72.165
(3)	73.616
	Highest Amt
or	73.616
(1)	145.045
(2)	72.523

D. Capacity Purchase

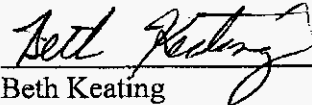
(1)	(a)	(i)	1.15
		(ii)	84.658
	or		Least Amount
			84.658
	(b)	(i)	1.0200
		(ii)	99.903
(2)	97.944		

2019 Capacity Purchase 97.944 Highest Amount

CERTIFICATE OF SERVICE

I HEREBY ATTEST that a true and correct copy of the foregoing has been served upon the following by Electronic and US Mail this 28th Day of February, 2011:

Pauline Evans, Staff Counsel Office of the General Counsel Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850	Robert Scheffel Wright John T. LaVia c/o Young Law Firm 225 South Adams Street, Suite 200 Tallahassee, FL 32301
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