

Robert L. McGee, Jr.
Regulatory & Pricing Manager

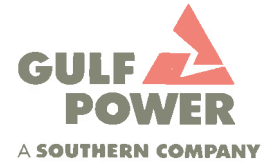
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COMMISSION
CLERK



May 10, 2013

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

Re: Docket No. 130070-EQ – Petition for Approval of Renewable Standard Offer
Contract and Tariff Schedule REF-1

Dear Ms. Cole:

Enclosed are the original and five copies of Gulf Power Company's response to
Staff's First Data Request in Docket 130070-EQ.

Sincerely,

Robert L. McGee, Jr.
Regulatory and Pricing Manager

md

Enclosures

cc: Beggs & Lane
Jeffrey A. Stone, Esq.
Office of General Counsel
Charles Murphy
Division of Engineering
Phillip Ellis
Division of Economics
Patti Daniel

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FPSC-COMMISSION CLERK

1. Please complete the tables below describing payments to a renewable provider based on the proposed tariffs included in the Company's revised standard offer contract. Please assume a renewable generator with 50 MW providing firm capacity with an in-service date of January 1, 2014, operating at the minimum capacity factor required for full capacity payments, for a contract duration of 20 years. Please provide the following scenarios:
 - As-Available Energy (Energy Only)
 - Normal Payments
 - Levelized Payments
 - Early Payments
 - Early Levelized Payments

RESPONSE:

See pages 2 through 6.

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Committed Capacity (MW)		50				
Capacity Factor (%)		90				
Payment Type:		As-Available (Energy Only)				
Year	Energy	Capacity Rates	Total Capacity Payments	Energy Rates	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$000)	(\$/MWh)	(\$000)	(\$000)
2014	394,200	0	0	34.56	13,624	13,624
2015	394,200	0	0	39.77	15,677	15,677
2016	395,280	0	0	42.00	16,602	16,602
2017	394,200	0	0	45.85	18,074	18,074
2018	394,200	0	0	49.86	19,655	19,655
2019	394,200	0	0	53.56	21,113	21,113
2020	395,280	0	0	56.47	22,321	22,321
2021	394,200	0	0	58.13	22,915	22,915
2022	394,200	0	0	60.39	23,806	23,806
2023	394,200	0	0	62.29	24,555	24,555
2024	395,280	0	0	68.66	27,140	27,140
2025	394,200	0	0	72.08	28,414	28,414
2026	394,200	0	0	77.26	30,456	30,456
2027	394,200	0	0	80.11	31,579	31,579
2028	395,280	0	0	84.82	33,528	33,528
2029	394,200	0	0	89.04	35,100	35,100
2030	394,200	0	0	95.89	37,800	37,800
2031	394,200	0	0	99.22	39,113	39,113
2032	395,280	0	0	104.93	41,477	41,477
2033	394,200	0	0	108.15	42,633	42,633

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Committed Capacity (MW)		50				
Capacity Factor (%)		90				
Payment Type:		Normal				
Year	Energy	Capacity Rates ⁽¹⁾	Total Capacity Payments	Energy Rates ⁽²⁾	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$000)	(\$/MWh)	(\$000)	(\$000)
2014	394,200	0	0	34.56	13,624	13,624
2015	394,200	0	0	39.77	15,677	15,677
2016	395,280	0	0	42.00	16,602	16,602
2017	394,200	0	0	45.85	18,074	18,074
2018	394,200	0	0	49.86	19,655	19,655
2019	394,200	0	0	53.56	21,113	21,113
2020	395,280	0	0	56.47	22,321	22,321
2021	394,200	0	0	58.13	22,915	22,915
2022	394,200	0	0	60.39	23,806	23,806
2023	394,200	9.17	5,502	50.45	19,889	25,391
2024	395,280	9.35	5,610	55.11	21,784	27,394
2025	394,200	9.59	5,754	58.41	23,025	28,779
2026	394,200	9.83	5,898	62.08	24,472	30,370
2027	394,200	10.08	6,048	65.65	25,879	31,927
2028	395,280	10.33	6,198	69.23	27,365	33,563
2029	394,200	10.59	6,354	73.05	28,796	35,150
2030	394,200	10.86	6,516	77.07	30,381	36,897
2031	394,200	11.14	6,684	80.97	31,918	38,602
2032	395,280	11.42	6,852	85.43	33,769	40,621
2033	394,200	11.71	7,026	87.52	34,500	41,526

- (1) Capacity payment rate effective as of avoided unit's June 1, 2023 in-service date.
(2) Projected as-available energy rates shown prior to the avoided unit's June 1, 2023 in-service date. The lower of projected as-available energy rates or projected avoided unit energy rates shown as of in-service date.

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Committed Capacity (MW)		50				
Capacity Factor (%)		90				
Payment Type:		Levelized				
Year	Energy	Capacity Rates ⁽¹⁾	Total Capacity Payments	Energy Rates ⁽²⁾	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$000)	(\$/MWh)	(\$000)	(\$000)
2014	394,200	0	0	34.56	13,624	13,624
2015	394,200	0	0	39.77	15,677	15,677
2016	395,280	0	0	42.00	16,602	16,602
2017	394,200	0	0	45.85	18,074	18,074
2018	394,200	0	0	49.86	19,655	19,655
2019	394,200	0	0	53.56	21,113	21,113
2020	395,280	0	0	56.47	22,321	22,321
2021	394,200	0	0	58.13	22,915	22,915
2022	394,200	0	0	60.39	23,806	23,806
2023	394,200	9.90	5,940	50.45	19,889	25,829
2024	395,280	9.94	5,964	55.11	21,784	27,748
2025	394,200	10.02	6,012	58.41	23,025	29,037
2026	394,200	10.09	6,054	62.08	24,472	30,526
2027	394,200	10.17	6,102	65.65	25,879	31,981
2028	395,280	10.24	6,144	69.23	27,365	33,509
2029	394,200	10.32	6,192	73.05	28,796	34,988
2030	394,200	10.41	6,246	77.07	30,381	36,627
2031	394,200	10.49	6,294	80.97	31,918	38,212
2032	395,280	10.58	6,348	85.43	33,769	40,117
2033	394,200	10.67	6,402	87.52	34,500	40,902

(1) Capacity payment rate effective as of avoided unit's June 1, 2023 in-service date.

(2) Projected as-available energy rates shown prior to the avoided unit's June 1, 2023 in-service date. The lower of projected as-available energy rates or projected avoided unit energy rates shown as of in-service date.

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Committed Capacity (MW)		50				
Capacity Factor (%)		90				
Payment Type:		Early				
Year	Energy	Capacity Rates ⁽¹⁾	Total Capacity Payments	Energy Rates ⁽²⁾	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$000)	(\$/MWh)	(\$000)	(\$000)
2014	394,200	3.33	1,998	34.56	13,624	15,622
2015	394,200	3.41	2,046	39.77	15,677	17,723
2016	395,280	3.50	2,100	42.00	16,602	18,702
2017	394,200	3.59	2,154	45.85	18,074	20,228
2018	394,200	3.68	2,208	49.86	19,655	21,863
2019	394,200	3.77	2,262	53.56	21,113	23,375
2020	395,280	3.87	2,322	56.47	22,321	24,643
2021	394,200	3.96	2,376	58.13	22,915	25,291
2022	394,200	4.06	2,436	60.39	23,806	26,242
2023	394,200	4.17	2,502	50.45	19,889	22,391
2024	395,280	4.27	2,562	55.11	21,784	24,346
2025	394,200	4.38	2,628	58.41	23,025	25,653
2026	394,200	4.49	2,694	62.08	24,472	27,166
2027	394,200	4.61	2,766	65.65	25,879	28,645
2028	395,280	4.72	2,832	69.23	27,365	30,197
2029	394,200	4.84	2,904	73.05	28,796	31,700
2030	394,200	4.96	2,976	77.07	30,381	33,357
2031	394,200	5.09	3,054	80.97	31,918	34,972
2032	395,280	5.22	3,132	85.43	33,769	36,901
2033	394,200	5.35	3,210	87.52	34,500	37,710

(1) Capacity payment rate effective as of January 1, 2014.

(2) Projected as-available energy rates shown prior to the avoided unit's June 1, 2023 in-service date. The lower of projected as-available energy rates or projected avoided unit energy rates shown as of in-service date.

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Committed Capacity (MW)		50				
Capacity Factor (%)		90				
Payment Type:		Early Levelized				
Year	Energy	Capacity Rates ⁽¹⁾	Total Capacity Payments	Energy Rates ⁽²⁾	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$000)	(\$/MWh)	(\$000)	(\$000)
2014	394,200	3.84	2,304	34.56	13,624	15,928
2015	394,200	3.87	2,322	39.77	15,677	17,999
2016	395,280	3.89	2,334	42.00	16,602	18,936
2017	394,200	3.92	2,352	45.85	18,074	20,426
2018	394,200	3.94	2,364	49.86	19,655	22,019
2019	394,200	3.97	2,382	53.56	21,113	23,495
2020	395,280	4.00	2,400	56.47	22,321	24,721
2021	394,200	4.03	2,418	58.13	22,915	25,333
2022	394,200	4.06	2,436	60.39	23,806	26,242
2023	394,200	4.08	2,448	50.45	19,889	22,337
2024	395,280	4.12	2,472	55.11	21,784	24,256
2025	394,200	4.15	2,490	58.41	23,025	25,515
2026	394,200	4.18	2,508	62.08	24,472	26,980
2027	394,200	4.21	2,526	65.65	25,879	28,405
2028	395,280	4.24	2,544	69.23	27,365	29,909
2029	394,200	4.28	2,568	73.05	28,796	31,364
2030	394,200	4.31	2,586	77.07	30,381	32,967
2031	394,200	4.35	2,610	80.97	31,918	34,528
2032	395,280	4.39	2,634	85.43	33,769	36,403
2033	394,200	4.43	2,658	87.52	34,500	37,158

- (1) Capacity payment rate effective as of January 1, 2014.
(2) Projected as-available energy rates shown prior to the avoided unit's June 1, 2023 in-service date. The lower of projected as-available energy rates or projected avoided unit energy rates shown as of in-service date.