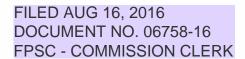
Robert L. McGee, Jr. Regulatory & Pricing Manager One Energy Place Pensacola, Florida 32520-0780

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August 16, 2016

Ms. Carlotta Stauffer Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee FL 32399-0868

Re: Docket No. 160108-El – Petition for approval of 2016-2018 storm hardening plan, pursuant to Rule 25-6.0342, F.A.C., by Gulf Power Company

Dear Ms. Stauffer:

Attached is Gulf Power Company's response to Staff's Second Data Request in the above-referenced docket.

Sincerely,

Robert L. McGee, Jr.

Regulatory and Pricing Manager

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Attachments

cc w/att.: Beggs and Lane

Jeffrey A. Stone, Esquire Division of Engineering Penelope D. Buys

Staff's Second Data Request Docket No. 160108-EI GULF POWER COMPANY August 16, 2016 Item No. 1 Page 1 of 1

1. Referring to page 9, Joint-Use Pole Attachment, please provide a breakdown, by transmission and distribution, of non-utility poles that Gulf was attached to for the years 2010 through 2015. Please include the percentage of Gulf's system that this represents.

RESPONSE:

Gulf does not attach to any non-utility poles on the transmission or distribution system. The following chart outlines Gulf owned poles and non-Gulf owned utility poles that Gulf attaches to on the distribution system. Gulf does not attach to any non-Gulf owned poles on the transmission system.

Gulf Power Distribution Pole Attachments

	2010	2011	2012	2013	2014	2015
Gulf Owned Poles	253,695	200,866	200,776	200,543	200,506	200,511
Non-Gulf Owned Poles that Gulf attaches	64,148	58,247	57,566	57,485	57,403	57,312
Percentage of Non- Gulf Owned Poles	20%	22%	22%	22%	22%	22%

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2. Please describe how Gulf's storm hardening plan would change for 2016, 2017, and 2018 assuming the 2015 level of expense is maintained.

RESPONSE:

Expense Funded Activities

Vegetation Management Program - An average annual reduction of \$677,000 would be expected and the lateral trim cycles would need to be extended.

Transmission Structure Inspection Program - An average annual reduction of \$47,000 would be expected, and the inspection cycle may need to be extended with risk of delaying problem resolutions.

Capital Funded Activities

Wood Pole Inspection Program - The budgeted amount for pole replacement in 2015 was adequate for meeting all pole replacement needs in 2015. Assuming reject rates remain constant and labor rates do not increase in future contracts, maintaining the budgeted amount at 2015 levels would have a negligible, if any, effect on pole replacement schedules for 2016 – 2018. However, future budgeted amounts reflect anticipated increases in contract labor and equipment rates.

Hardening of Critical Infrastructures - An average annual reduction of \$38,000 would be expected, and the inspection feeder / infrared inspection cycle may need to be extended with risk of delaying problem resolutions.

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3. Please complete and verify the spreadsheet attached.

RESPONSE:

See page 2 of 2.

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					Actu	Actual Cost (Million)	llion)							Estimal	Estimated Cost (Million)	(illion)			
			2013			2014			2015			2016			2017			2018	
	Activity	O&M	Capital	Total	O&M	Capital	Total	O&M	Capital	Total	O&M	Capital	Total	O&M	Capital	Total	O&M	Capital	Total
8-Y Pro	8-Year Wooden Pole Inspection Program	\$0.382	\$1.665	\$2.047	\$0.742	\$1.621	\$2.363	\$0.328	\$1.498	\$1.826	\$0.476	\$1.806	\$2.282	\$0.476	\$1.873	\$2.349	\$0.476	\$1.940	\$2.416
10 5	10 Storm Hardening Initiatives																		
	A Three-Year Vegetation Management Cycle for Distribution Circuits	\$5.593		\$5.593	\$5.930		\$5.930	\$5.271		\$5.271	\$5.949		\$5.949	\$5.949		\$5.949	\$5.949		\$5.949
3	A Six-Year Transmission Structure Inspection Program	\$0.113		\$0.113	\$0.356		\$0.356	\$0.194		\$0.194	\$0.238		\$0.238	\$0.242		\$0.242	\$0.246		\$0.246
4	Hardening of Existing Transmission	on Structures	. 99													-			
	Storm Guy Wooden H-frame Installation (Completed in 2012)																		
	Wooden Crossarm replacement (Scheduled 2017 Completion)		\$1.040	\$1.040		\$2.850	\$2.850		\$4.792	\$4.792		\$5.000	\$5.000		\$6.360	\$6.360			
	Subtotal	\$5.706	\$1.040	\$6.746	\$6.286	\$2.850	\$9.136	\$5.465	\$4.792	\$10.257	\$6.187	\$5.000	\$11.187	\$6.191	\$6.360	\$12.551	\$6.195		\$6.195
ਝੂ	Feeder Hardening Projects (Overhead	ad Lines)																	
	Interstate Crossing (Completed in 2012)																		
	Feeder Serving Critical Loads		\$0.295	\$0.295		\$0.389	685.0\$		\$0.722	\$0.722		\$0.859	\$0.859		\$0.890	\$0.890		\$0.922	\$0.922
	Multi-feeder Pole Lines (Completed in 2013)		\$0.688	\$0.688															
	Subtotal	\$0.000	\$0.983	\$0.983	\$0.000	\$0.389	\$0,389	\$0.000	\$0.722	\$0.722	\$0.000	\$0.859	\$0.859	\$0.000	\$0.890	\$0.890	\$0.000	\$0.922	\$0.922
Dis	Distribution Automation																		
	Distribution Automation		\$5.326	\$5.326		\$3.569	695.58		\$3.037	\$3.037		\$3.003	\$3.003		\$3.619	\$3.619		\$3.020	\$3.020
	Automated Overhead Faulted Circuit Indicators		\$0.165	\$0.165		\$0.241	\$0.241		\$0.071	\$0.071		\$0.103	\$0.103		\$0.107	\$0.107		\$0.111	\$0.111
	DSCADA		\$0.687	\$0.687		\$0.692	\$0.692		\$0.504	\$0.504		\$0.639	\$0.639		\$0.384	\$0.384		\$0.031	\$0.031
	Subtotal		\$6.178	\$6.178		\$4.502	\$4.502		\$3.612	\$3.612		\$3.745	\$3.745		\$4.110	\$4.110		\$3.162	\$3.162
Pre	Preventative Capital Maintenance		\$0.281	\$0.281		\$0.291	\$0.291		\$0.177	\$0.177		\$0.186	\$0.186		\$0.193	\$0.193		\$0.200	\$0.200
	Totals	\$5.706	\$8.482	\$14.188	\$6.286	\$8.032	\$14.318	\$5.465	\$9.303	\$14.768	\$6.187	\$9.790	\$15.977	\$6.191	\$11.553	\$17.744	\$6.195	\$4.284	\$10.479
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4. Please explain what the change is for Initiative 9 from the current plan?

RESPONSE:

There were no changes made to Gulf's plan. In response to Item No. 11 of Staff's First Data Request, Gulf simply included estimated costs for future years that were not included in Gulf's Storm Hardening Plan.

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5. Please describe the Preventative Capital Maintenance projects.

RESPONSE:

Programs included within the preventative capital maintenance category are feeder and infrared patrols occurring prior to the start of storm season and activity associated with wind monitors.