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August 15, 2016

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

**Re: Docket No. 160106-EI - Petition for Approval of 2016-2018 storm hardening plan,
pursuant to Rule 25-6.0342, F.A.C., by Florida Public Utilities Company**

Dear Ms. Stauffer:

Attached for filing, please find Florida Public Utilities Company's Responses to Staff's Second Data Requests issued to the Company on July 25, 2016.

Thank you for your assistance with this filing. As always, please do not hesitate to contact me if you have any questions or concerns.

Sincerely,



Beth Keating
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MEK

cc:/Penelope Buys (Engineering Specialist/Division of Engineering)

**FPUC’S RESPONSE TO FLORIDA PUBLIC
SERVICE COMMISSION’S QUESTIONS
(2016 – 2018 STORM HARDENING PLAN)
(SECOND DATA REQUEST)**

Please refer to Florida Public Utilities Company's (FPUC) 2016-2018 Storm Hardening Plan filed May 2, 2016.

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

Response:

FPUC Attachments to Non-Utility Owned Poles

Year	# of Poles	Percentage of the Distribution System
2010	659	2.50%
2011	677	2.57%
2012	677	2.57%
2013	678	2.58%
2014	678	2.58%
2015	676	2.57%

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

Response: If the 2015 level of expense is maintained through 2018 only poles identified as rejects by Osmose will be replaced. However, we do not anticipate this being the case. We are confident projects listed in the Storm Hardening Plan will be completed.

3. Please complete and verify the spreadsheet attached.

Response: Please see attached spreadsheet.

Please refer to FPUC's response to staff's first data request.

4. Referring to FPUC's response to request number two, does Osmose Utilities Services perform all wood pole inspections and strength and loading assessments along with the below ground inspection?

Response: Yes, below ground level inspections are conducted on all poles except those approved to be exempt by the FPSC, which are CCA poles 20 years old or less passing sound and bore inspections.

5. Referring to FPUC's response to request number five, does FPUC perform any other storm hardening projects for its transmission structures besides replacing wood poles? If yes, please explain what the activities are and how many projects have been completed per year for the years 2010 through 2018. Please include the cost per project, per year, broken down by O&M and capital expense.

Response: No. FPU's transmission structures are storm hardened by replacing existing wood poles with spun concrete structures.

6. Referring to FPUC's response to request number eight, FPUC reported that its normal primary pole size was increased from Class 3 or 4 to Class 1. What are the other specifications of the poles, i.e. Grade B construction pole, EWL of 120 mph?

Response: FPUC upgraded to Class 1 poles to comply with the EWL requirements. FPUC also constructs all poles according to Class B construction.

7. Referring to FPUC's response to request number 11, does FPUC have different categories for the distribution feeder hardening projects, i.e. CIF, Interstate Highway Crossing? Ifso, please place the projects listed on Appendix C of FPUC's response in the different categories.

Response: FPUC does not categorize distribution feeder hardening projects.

Activity	Actual Cost (Million)									Estimated Cost (Million)								
	2013			2014			2015			2016			2017			2018		
	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-Year Wooden Pole Inspection Pn>2111m	\$0.117		\$0.117	\$0.096		\$0.096	\$0.056		\$0.056	\$0.130		\$0.130	\$0.135		\$0.135	\$0.140		\$0.140
10Storm Hardenin2 Initiatives																		
1 A Three-Year Vegetation Management Cycle for Distribution Circuits	\$0.858		\$0.858	\$0.901		\$0.901	\$0.959		\$0.959	\$0.970		\$0.970	\$0.980		\$0.980	\$0.990		\$0.990
3 A Six-Year Transmission Structure Inspection program*										\$0.028		\$0.028	\$0.029		\$0.029	\$0.030		\$0.030
4 Hardening of Existing Transmission Structures																		
Replacing wood structures with non-wood structures		\$1.132	\$1.132		\$1.260	\$1.260					\$0.650	\$0.650		\$0.050	\$0.050		\$0.050	\$0.050
Subtotal																		
Feeder Hardening Projects																		
Malone Feeder		\$0.4	\$0.4		\$0.3	\$0.3												
Prison Feeder										\$0.200	\$0.200							
Mt. Tabor Rd.										\$0.075	\$0.075							
Hwy 73 South										\$0.050	\$0.050							
Hospital Feeder													\$0.200	\$0.200		\$0.200	\$0.200	
Subtotal	\$0.975	\$1.532	\$2.507	\$0.997	\$1.56	\$2.557	\$1.015		\$1.105	\$1.128	\$0.975	\$2.103	\$1.144	\$0.250	\$1.394	\$1.160	\$0.250	\$1.410
OH/UG Conversions		\$0.016	\$0.016		\$0.003	\$0.003		\$0.059	\$0.059									
Totals	\$0.975	\$1.548	\$2.523	\$0.997	\$1.563	\$2.560	\$1.015	\$0.059	\$1.074	\$1.128	\$0.975	\$2.103	\$1.144	\$0.250	\$1.394	\$1.160	\$0.250	\$1.410

* Climbing Inspection performed in 2012