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STATE OF FLORIDA



DIVISION OF ENGINEERING  
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# Public Service Commission

August 29, 2013

Mrs. Beth Keating  
Gunster Law Firm  
215 S. Monroe Street, Suite 601  
Tallahassee, FL 32301-1839

RECEIVED-FPSC  
18 AUG 29 PM 1:30  
COMMISSION  
CLERK

**RE: Docket No. 130131-EI (Petition for approval of 2013-2015 storm hardening plan, pursuant to Rule 25-6.0342, F.A.C., by Florida Public Utilities Company) - Staff's First Data Request to FPUC.**

Dear Mrs. Keating:

For the following questions please refer to the 2013-2015 Storm Hardening Plan filed May 3, 2013.

1. Please refer to page 4 of the updated storm hardening plan. If a pole is rejected and the corrective action is replacement, please explain what material the pole will be replaced with. For example, will FPUC replace a wooden pole with concrete, steel, wood, etc.?
2. Please refer to page 5 of the updated storm hardening plan. Please provide the cost savings for eliminating the random sampling pole inspection for the storm hardening plan.
3. Please refer to page 8 of the updated storm hardening plan. Please provide the number of inspections for transmission structures, by year, from 2010-2012, and the projected number of inspections for 2013, 2014, and 2015.
4. Please refer to page 8 of the updated storm hardening plan. FPUC provides plans to replace 25 - 69kV wood poles for 2013.
  - a. Please provide the estimated costs for replacement in 2014 and 2015.
  - b. What is the estimated time until all wooden transmission poles will be replaced with concrete or steel?
5. Please refer to page 10 of the updated storm hardening plan. FPUC states "FPUC will continue to collect outage data for overhead and underground systems in order to evaluate the reliability indices associated with the two systems."

- a. Please explain what data FPUC currently collects.
  - b. Please provide all work papers and documents on this data.
6. Please refer to page 10 of the updated storm hardening plan. FPUC states that it plans to have personnel located at the county EOCs on a 24-hour basis in the future.
  - a. Please state when FPUC plans to follow through with this statement.
  - b. Does this mean new employees will be hired in order to fulfill this role?
  - c. If new employees are needed for this position, what are the estimated annual salaries for these positions?
7. Please refer to page 12 of the updated storm hardening plan. Please explain in detail how these future installations of distribution facilities will exceed NESC requirements.
8. Please refer to page 12 of the updated storm hardening plan. Please explain what work has been completed around substations that will reduce the possibility of wind-blown debris.
9. Please refer to page 13 of the updated storm hardening plan. Please provide an estimated completion date for the projects planned for the 2013-2015 time-period.
10. Please refer to page 14 of the updated storm hardening plan. Please provide the technical detail for section 6.1 when available.
11. Please refer to page 15 of the updated storm hardening plan. Please provide the estimated time of completion and cost for each of the projects listed in section 6.3.
12. Please complete the table below:

ACTIVITY		ACTUAL/ESTIMATED COST					
		2010	2011	2012	2013	2014	2015
<b>8 YEAR WOODEN POLE INSPECTION PROGRAM</b>							
<b>10 STORM HARDENING INITIATIVES</b>							
1	A THREE- YEAR VEGETATION MANAGEMENT CYCLE FOR DISTRIBUTION CIRCUITS						
2	AN AUDIT OF JOINT-USE ATTACHMENT AGREEMENTS						
3	A SIX-YEAR TRANSMISSION STRUCTURE INSPECTION PROGRAM						
4	HARDENING OF EXISTING TRANSMISSION STRUCTURES						
5	TRANSMISSION AND DISTRIBUTION GIS						
6	POST-STORM DATA COLLECTION AND FORENSIC ANALYSIS						
7	COLLECTION OF DETAILED OUTAGE DATA DIFFERENTIATING BETWEEN THE RELIABILITY PERFORMANCE OF OVERHEAD AND UNDERGROUND SYSTEMS						
8	INCREASED UTILITY CORRDIATION WITH LOCAL GOVERNMENTS						
9	COLLABORATIVE RESEARCH ON EFFECTS OF HURRICANE WINDS AND STORM SURGE						
10	A NATURAL DISASTER PREPAREDNESS AND RECOVERY PROGRAM						
	TOTAL						
<b>ANY OTHER KEY ELEMENTS OR PROPOSED INITIATIVES</b>							

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Please submit your responses to Staff's First Data Request by September 24, 2013. If you have any questions or concerns please contact me by phone at (850) 413-6980 or by e-mail at [mlamore@psc.state.fl.us](mailto:mlamore@psc.state.fl.us). Thank you for your attention to this matter.

Sincerely,



Melissa L'Amoreaux  
Engineering Specialist

ML:pz

cc: Clayton Lewis (ENG)  
Penny Buys (ENG)  
Julia Gilcher (GCL)

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