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STATE OF FLORIDA



DIVISION OF ENGINEERING
TOM BALLINGER
DIRECTOR
(850) 413-6910

Public Service Commission

September 5, 2013

Mr. Kenneth Hoffman
Vice President of Regulatory Affairs
215 S. Monroe Street, Suite 810
Tallahassee, FL 32301

RE: Docket No. 130132-EI (Petition for approval of 2013-2015 storm hardening plan, pursuant to Rule 25-6.0342, F.A.C., by Florida Power & Light Company.) - Staff's First Data Request to FPL.

Dear Mr. Hoffman:

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

1. Please refer to paragraph 1 on page 6 of the updated storm hardening plan.
 - a. Please provide the estimated completion date of all projects listed.
 - b. Please provide the estimate cost of each project.
 - c. Please provide projects FPL plans to complete that are similar to the projects listed for 2014 and 2015.
2. Please refer to paragraph 2 on page 6 of the updated storm hardening plan.
 - a. Please explain in more detail the implementation of a new distribution storm surge/flood initiative to protect 15 above-grade vaults contained within the downtown Miami electric network system.
 - b. Please provide the cost and completion date of this project.

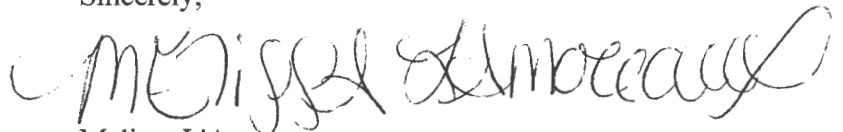
3. Please refer to paragraph 3 on page 6 of the updated storm hardening plan.
 - a. Please provide the cost, by year, for 2010, 2011, and 2012.
 - b. Please provide the cost, by year, for 2007, 2008, and 2009
4. Please refer to section 1.1, paragraph 1 on page 9 of the updated storm hardening plan. Please provide a break down, by year, of hardening accomplishments from 2006-2012.
5. Please refer to section 1.1 on page 10 of the updated storm hardening plan. Total cost for 2006-2012 CIF and Community Project hardening efforts was \$319 million. Please break this dollar amount out by year.
6. Please refer to section 2.2 on page 11 of the updated storm hardening plan. Please state the locations in which Grade C construction is still utilized.
7. Please refer to section 3.0 on page 12 of the updated storm hardening plan. Please explain in detail the lessons learned from the storm surge and flooding damage experienced in the northeast from Hurricane Sandy in 2012.
8. Please refer to section 8.2 on page 19 of the updated storm hardening plan. Please provide all forms of information provided by the 11 entities in regards to FPL's Attachment Standards and Procedures.
9. Please refer to section 9.0 on page 20 of the updated storm hardening plan. In the fourth bullet, FPL discusses the ET Truss method. Please explain this method in more detail.
10. Please refer to page 21 of the updated storm hardening plan. By year, how many underground conversions has FPL performed since 2010?
11. Please refer to section 5.0 on page 28 of the updated storm hardening plan.
 - a. Please explain the specific reasons why FPL increased the level of replacement for wood transmission structure.
 - b. Please state the number of replacements, by year, for 2010-2012.
 - c. Please state the estimated number of replacements, by year, for 2013-2015.
12. Please complete the table below:

ACTIVITY	ACTUAL/ESTIMATED COST					
	2010	2011	2012	2013	2014	2015
8 YEAR WOODEN POLE INSPECTION PROGRAM						
10 STORM HARDENING INITIATIVES						
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 CORRINATION WITH LOCAL GOVERNMENTS					
9	COLLABORATIVE RESEARCH ON EFFECTS OF HURRICANE WINDS AND STORM SURGE					
10	A NATURAL DISASTER PREPAREDNESS AND RECOVERY PROGRAM					
	TOTAL					
ANY OTHER KEY ELEMENTS OR PROPOSED INITIATIVES						

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Please submit your responses to Staff's First Data Request by October 2, 2013. If you have any questions or concerns please contact me by phone at (850) 413-6980 or by e-mail at mlamoreau@psc.state.fl.us. Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Melissa L'Amoreaux', written in a cursive style.

Melissa L'Amoreaux
Engineering Specialist

ML:pz

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

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