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STATE OF FLORIDA



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

Public Service Commission

August 29, 2013

Mr. James Beasley
Ausley Law Firm
P.O. Box 391
Tallahassee, FL 32302

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COMMISSION
CLERK

RE: Docket No. 130138-EI – (Petition for approval of 2013-2015 storm hardening plan, pursuant to Rule 25-6.0342, F.A.C., by Tampa Electric Company) – Staff's First Data Request to TECO.

Dear Mr. Beasley:

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

1. Please refer to page 11 of the updated storm hardening plan.
 - a. Please state the dollar amount removed from the reserve for every named storm in 2012.
 - b. Has TECO experienced any storms affecting its service area for 2013?
2. Please refer to page 13 of the updated storm hardening plan. Please explain why the standard for all new construction of distribution poles is wooden poles.
3. Please refer to page 14 of the updated storm hardening plan. TECO indicates the use of the "PoleForeman" software. Please state if there have been any updates to this software and any cost associated with these updates.
4. Please refer to page 15 of the updated storm hardening plan. TECO states "Upgrading the material from mild steel to stainless steel or aluminum makes it more durable and typically extends equipment life after saltwater contamination."
 - a. Please state the number of upgrades performed in 2012 and planned for 2013, 2014, and 2015.
 - b. Please state the expected cost associated with these upgrades.
5. Please refer to page 17 of the updated storm hardening plan.

- a. Please state the number of relocations TECO has preformed for each year starting from 2010 to present.
 - b. What is the number of relocations TECO has planned for 2013, 2014, and 2015?
 - c. Please state the number of inquires regarding the relocation of overhead facilities from rear-lot locations to the front of customers' properties since 2010.
6. Please refer to page 18 of the updated storm hardening plan.
 - a. Please identify any CIF planned for 2013-2015.
 - b. Please identify completed CIF projects from the last three years.
7. Please refer to page 21 of the updated storm hardening plan. Please describe in detail the two types of methodologies used to analyze pole strength.
8. Please refer to page 22 of the updated storm hardening plan. Please identify the number of 230 kV facilities where 150 mph wind speed is applied.
9. Please refer to page 22 of the updated storm hardening plan. Please identify how often maintenance for substation and switchyards ranging from 13.2 to 230 kV are performed.
10. Please refer to page 22 of the updated storm hardening plan. Please state how many animal protection covers have been installed since 2010 and planned for 2013, 2014, and 2015.
11. Please refer to page 24 of the updated storm hardening plan. TECO states that the company "... has multiple transmission construction projects which have recently been completed or will be completed within the next three years."
 - a. Please state each completed project and the cost associated with each project.
 - b. In addition, identify any future projects or project currently not completed, along with the estimated cost for each project.
12. Please refer to page 25 of the updated storm hardening plan.
 - a. Please state the number of feeder and lateral lines TECO has in its service area.
 - b. Please state the number of feeder and lateral lines cleared for 2010-2012 and projected clearing for 2013-2015.
 - c. Please state for each year above the cost associated with clearing both feeder and lateral lines.

13. Please refer to page 27 of the updated storm hardening plan. Please provide the projected cost for 2014 and 2015 as it relates to groundline inspections.
14. Please refer to page 28 of the updated storm hardening plan.
 - a. Please provide the total number of above ground inspections from 2010-2012 and the projected number of inspections for 2013-2015.
 - b. Please provide the cost for each year associated with this inspection.
15. Please refer to the bottom of page 28 and the top of page 29 of the updated storm hardening plan. Please explain the maintenance database and how it prioritizes and manages required remediation.
16. Please refer to page 29 of the updated storm hardening report. Please state the cost of the 775 structure replacements.
17. Please refer to page 30 of the updated storm hardening plan.
 - a. Please explain the schedule TECO is planning to test for the approximately eight network protectors per year in the 12 low-lying vaults.
 - b. Will this testing be performed annually?
18. Please refer to page 31 of the updated storm hardening plan. Has any post-storm data collection or forensic analysis been completed since 2010?
19. Please refer to page 32 of the updated storm hardening plan. TECO stated it had implemented a two-phase project to feed approximately half of TIA's load from Tampa Bay substation. In addition, the final phase was scheduled for completion by May 2013.
 - a. Was this project completed?
 - b. What was the cost associated with this project?
20. Please refer to page 33 of the updated storm hardening plan. Please state the completion date for the project serving the Port of Tampa. Please state the cost associated with this project.
21. 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 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. 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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