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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION  
DIRECT TESTIMONY OF  
COREY ZEIGLER  
ON BEHALF OF  
DUKE ENERGY FLORIDA  
DOCKET NO. 130007-EI  
AUGUST 30, 2013

**Q. Please state your name and business address.**

A. My name is Corey Zeigler. My business address is 299 First Avenue North, St. Petersburg, Florida 33701.

**Q. Have you previously filed testimony before this Commission in Docket No. 130007-EI?**

A: Yes, I provided direct testimony on April 1, 2013 and August 1, 2013.

**Q. Has your job description, education background or professional experience changed since that time?**

A: No.

**Q. What is the purpose of your testimony?**

A. The purpose of my testimony is to provide estimates of costs that will be incurred in the year 2014 for Duke Energy Florida's (DEF or Company)

1 Substation Environmental Investigation, Remediation and Pollution Prevention  
2 Program (Project 1 & 1a), Distribution System Environmental Investigation,  
3 Remediation, and Pollution Prevention Program (Project 2) and the Sea Turtle  
4 Coastal Street Lighting Program (Project 9).

5  
6 **Q. Have you prepared or caused to be prepared under your direction,  
7 supervision or control any exhibits in this proceeding?**

8 A. Yes. I am co-sponsoring the following portions of the schedule Exhibit No.\_  
9 (TGF-5) to Thomas G. Foster's direct testimony:

- 10 • 42-5P page 1 of 21 - Substation Environmental Investigation,  
11 Remediation, and Pollution Prevention.
- 12 • 42-5P page 2 of 21 - Distribution System Environmental Investigation,  
13 Remediation, and Pollution Prevention.
- 14 • 42-5P page 10 of 20 - Sea Turtle - Coastal Street Lighting.

15  
16 **Q. What costs does DEF expect to incur in 2014 in connection with the  
17 Substation System Investigation, Remediation and Pollution Prevention  
18 Program (Project 1 & 1a)?**

19 A. DEF estimates O&M costs of approximately \$1.9 million at 38 sites for the  
20 Substation System Investigation, Remediation and Pollution Prevention  
21 Program.

22

1 **Q. What steps is the Company taking to ensure that the level of expenditures**  
2 **for the Substation System Program is reasonable and prudent?**

3 A. DEF works annually with the Florida Department of Environmental Protection  
4 (FDEP) to determine specific substation sites to remediate to ensure compliance  
5 with FDEP criteria. To ensure the level of expenditures is reasonable and  
6 prudent, DEF closely monitors remediation work and provides quarterly reports  
7 to the FDEP on progress made remediating sites.

8

9 **Q. What costs does DEF expect to incur in 2014 in connection with the**  
10 **Distribution System Investigation, Remediation and Pollution Prevention**  
11 **Program (Project 2)?**

12 A. DEF estimates O&M costs of approximately \$16,000 to perform remediation at  
13 1 site and monitoring at 5 sites for the Distribution System Investigation,  
14 Remediation and Pollution Prevention Program. This estimate assumes 1  
15 single-phase transformer site at an average cost of \$10,800 per site and deviation  
16 sampling costs of \$1,000 per site at 5 sites. The average cost per site was based  
17 upon DEF's analysis of the prior two years of invoices associated with the  
18 remediation of transformer sites.

19

20 **Q. What steps is the Company taking to ensure that the level of expenditures**  
21 **for the Distribution System program is reasonable and prudent?**

1 A. To ensure the level of expenditures is reasonable and prudent, DEF closely  
2 monitors remediation work and provides quarterly reports to the FDEP on  
3 progress made remediating sites.  
4

5 **Q. What costs does DEF expect to incur in 2014 in connection with the Sea  
6 Turtle/Street Lighting Program (Project 9)?**

7 A. DEF estimates capital and O&M expenses of approximately \$2,100 and \$500,  
8 respectively, for the Sea Turtle/Street Lighting Program to ensure compliance  
9 with sea turtle ordinances in Franklin, Gulf, and Pinellas Counties and the City  
10 of Mexico Beach.  
11

12 **Q. What steps is the Company taking to ensure that the level of expenditures  
13 for the Sea Turtle/Street Lighting Program is reasonable and prudent?**

14 A. DEF cooperates with local governments and regulatory agencies to develop  
15 compliance plans that allow flexibility to make only those modifications  
16 necessary to achieve compliance. DEF ensures that evaluation of each  
17 streetlight requiring modification occurs so that only those activities necessary  
18 to achieve compliance are performed in a reasonable and prudent manner. In  
19 addition, DEF evaluates emerging technologies and incorporates their use where  
20 reasonable and prudent.  
21

22 **Q. Does this conclude your testimony?**

23 A. Yes.