



February 19, 2018

Mr. Wesley Taylor, Attorney
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

SUBJECT: Docket No. 20170215-EU – Review of Electric Utility Hurricane Preparedness and Restoration Actions – STAFF’S **THIRD DATA REQUEST**

Dear Mr. Taylor:

Please find attached the Lee County Electric Cooperative, Inc., (LCEC) report for the Review of Electric Utility Hurricane Preparedness and Restoration Actions, Docket No. 20170215-EU – STAFF’S **THIRD DATA REQUEST**.

If you have any questions regarding this submission, please feel free to contact me at (239) 656-2399 or email me at Denise.Vidal@lcec.net.

Sincerely,

s/ Denise Vidal

Denise Vidal
Director, Finance & Accounting/CFO

Attachment

cc: Dennie Hamilton, EVP & CEO, LCEC

**Lee County Electric Cooperative, Incorporated, LCEC
Report to the Florida Public Service Commission for
Docket No. 20170215-EU – Staff’s Third Data Request
Review of Electric Utility Hurricane Preparedness and Restoration Actions**

**NOTE: LCEC was not affected by Hurricanes
Hermine, Matthew, Maria, and Nate. All data request
responses are for Hurricane Irma only.**

QUESTION

1. Please provide the following information for a specific example where storm hardened structures [since 2006] incurred damage and required repair or replacement due to Hurricane Irma.

a. A description of the damage incurred (i.e. broken pole, displaced underground vault, etc.).

A specific example of Irma damage to hardened structures where repair was required was the damage incurred on the 12/4 circuit structures immediately outside the Carnestown substation. Hardened structures sustained crossarm damage that required crossarm changeouts. An old (non-hardened) pole broke close to the top that required replacement.

In early 2017, twelve (12) poles outside and east of the Carnestown station on US 41 were changed out to hardened poles. One of these poles (identified as Pri Key 648) had crossarm damage as a result of Irma. The damage is shown in Photo 1 (pg. 2). Other poles changed out prior to Irma (identified as Pri Keys 77643, 77644, and 93910) did not break but were pushed over or leaned. These poles are shown in Photo 2 (pg. 2).

The non-hardened old pole (Pri Key 77608) had the top eight (8) feet broken out. This damaged pole was subsequently changed out to a hardened pole.

Photo1



Photo 2



b. A description of the repair process, including a description of any temporary repairs that required a follow-up trip.

A hardened pole (Pri Key 648), which had sustained crossarm damage, had its crossarms replaced. Other hardened structures (Pri Keys 77643, 77644, and 93910), which were pushed over or leaned, were repositioned to stand back up.

Due to the need to implement permanent repairs to this specific structure, no temporary repairs were made. Any temporary repairs would have delayed the restoration of service.

c. A description of the repair process if the facilities had not been hardened.

If the facilities had not been hardened before Hurricane Irma, the likelihood of the damage cascading and causing additional poles to be broken is high. With multiple broken poles, it is expected that additional time and resources would have been required to complete the restoration in a timely manner.