

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Staff's Third Data Request on OUC's
Review of Electric Utility Hurricane
Preparedness and Restoration Actions

Docket No. 20170215-EU

Filed: February 7, 2018

**ORLANDO UTILITIES COMMISSION RESPONSES TO STAFF'S
THIRD DATA REQUEST**

The Orlando Utilities Commission (OUC), by and through its undersigned counsel, provides the following responses to Staff's Third Data Request.

Staff Question 1.

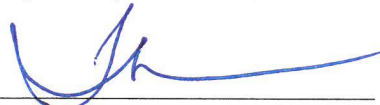
- 1. Please provide the following information for a specific example where storm hardened structures incurred damage and required repair or replacement due to Hurricane Irma.**
 - a. A description of the damage incurred (i.e. broken pole, displaced underground vault, etc.).**
 - b. A description of the repair process, including a description of any temporary repairs that required a follow-up trip.**
 - c. A description of the repair process if the facilities had not been hardened.**

OUC Response to Question 1:

As OUC explained in its response to Question 28 to Staff's First Data Request on this Docket, OUC has employed 'storm hardening' engineering design principles for at least 30 years in the design of its electric transmission, substation and distribution systems. All facilities are designed to meet the applicable NESC extreme wind loading characteristics for our geographical areas. OUC has proactively advanced undergrounding of facilities and the Orlando system is more than 64% underground. OUC has proactively used steel and concrete poles for new installations and replacements in truck accessible areas as the standard design. All major hospitals in the Orlando service area are served by all underground distribution circuits.

Based on the above, the responses and data provided by OUC to Staff's First Data Request do not distinguish between storm hardened and non-storm hardened portions of the OUC electric transmission, substation and distribution systems. All original design and installation and subsequent storm repairs and restoration throughout the OUC system are performed in the same manner and to the same standards.

Respectfully submitted,



W. CHRISTOPHER BROWDER
Office of General Counsel
Orlando Utilities Commission
100 W. Anderson Street
Orlando, Florida 32801
(407)434-2167