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September 29, 2017

VIA ELECTRONIC FILING

Ms. Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Summary of Mulberry Cogen and Orange Cogen Event from September 11-15 due to Hurricane Irma; Undocketed*

Dear Ms. Stauffer:

Pursuant to Rule 25-17.086, Florida Administrative Code ("F.A.C."), "Periods During Which Purchases are Not Required", Duke Energy Florida ("DEF") is providing notice to the Florida Public Service Commission that DEF restricted the output of the Mulberry and Orange Cogen facilities from September 11, 2017 to September 15, 2017, as described below. The Mulberry Cogen and Orange Cogen facilities are interconnected to the DEF transmission system at DEF's Mulberry Substation and at the Orange Switching substation respectively.

This event began at 1141 hours on September 11, 2017 when DEF denied permission for Mulberry Cogen to go to base load due to transmission system reliability issues related to Hurricane Irma. Hurricane Irma made landfall on the Florida Gulf Coast south of Naples Florida on Sunday, September 10, 2017 as a Category 3 hurricane, which then moved north through the DEF service area on Sunday, September 10, 2017 and Monday September 11, 2017. During the passage of Hurricane Irma, DEF experienced an estimated 1.3 million customer outages as well as outages of approximately 114 transmission lines and 69 substations on the DEF system. The restoration of the DEF transmission system proceeded during the week of September 11-15, 2017.

During this restoration period, DEF experienced a number of reliability issues and transmission constraints due to storm related facility outages. When these reliability issues affected the status of the Mulberry and Orange Cogen facilities, DEF issued directives to these

facilities for reliability purposes. After executing contingency studies and identifying the constraining parameters DEF issued directives to Mulberry Cogen to come off-line at 1415 hours on September 11, 2017, and remain off-line on September 12, 2017 and September 14, 2017. DEF issued directives to Orange Cogen to remain off-line on September 13, 2017 and September 15, 2017. As of September 16, 2017, restoration of the DEF transmission system eliminated the need to limit the output of Mulberry Cogen and Orange Cogen.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/Matthew R. Bernier

Matthew R. Bernier

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MRB/mw