

Marguerite McLean

From: Stright, Lisa [Lisa.Stright@pgnmail.com]
Sent: Wednesday, October 15, 2008 4:11 PM
To: Filings@psc.state.fl.us
Cc: Burnett, John
Subject: PEF's Notice and Summary of Orange Cogeneration Event - Undocketed
Attachments: Document.pdf

This electronic filing is made by:

John T. Burnett
299 First Avenue North
St. Petersburg, FL 33733
(727) 820-5184
john.burnett@pgnmail.com

Undocketed

On behalf of Progress Energy Florida

Consisting of 2 pages.

The attached document for filing is PEF's Notice and Summary of the Orange Cogeneration Event on October 7, 2008.

<<Document.pdf>>

Lisa Stright

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10/15/2008

DOCUMENT NUMBER-DATE

09825 OCT 15 8

FPSC-COMMISSION CLERK



(Writer's Direct Dial No. 727-820-51847)

John T. Burnett
Associate General Counsel – Florida

October 15, 2008

VIA ELECTRONIC FILING

Ms. Anne Cole, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Summary of Orange Cogeneration Event on October 7, 2008; Undocketed

Dear Ms. Cole:

According to FPSC Rule 25-17.086, F.A.C., "Periods During Which Purchase are Not Required, Progress Energy Florida ("PEF") is providing notice to the Florida Public Service Commission that PEF reduced the output of the Orange Cogeneration facility ("Orange Cogen") by 20 MW on 10/7/08 from 1409 hours until 1939 hours. The Orange Cogen facility is interconnected to the PEF transmission system at PEF's Orange Switching substation. PEF took this action in its capacity as Transmission Operation in order to ensure the reliability of the transmission system and prevent equipment damage.

The incident began at 1400 hours on 10/07/08 when the 69 kV line from Homeland substation to Mulberry substation tripped out of service due to a fault caused by an Osprey nest falling onto the conductors. This line is one of two lines that transport Orange Cogen's output south from the plant. A single line carries the plant's output to the north; the Orange Switching substation to North Bartow substation 69 kV line.

Progress Energy Service Company, LLC
P.O. Box 14042
St. Petersburg, FL 33733

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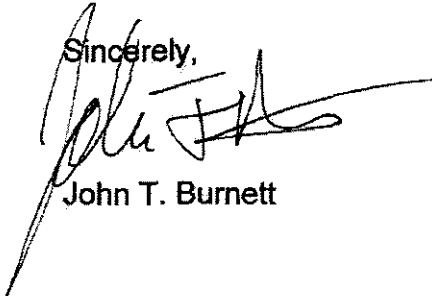
FPSC-COMMISSION CLERK

Prudent operating practice, as well NERC standards, require that PEF mitigate first contingency System Operating Limit Violations (SOLVs), such as the one for this event on a pre-contingency basis. After executing contingency studies and identifying the constraining parameters, at 1409 hours PEF contacted Orange Cogen and requested that the unit reduce output by 20 MW. After execution of the request, post contingency loading of the monitored element (remaining line) was reduced to 100% of its normal operating limit.

Crews were dispatched immediately to locate the fault on the 69 kV line from Homeland substation to Mulberry substation, isolate it, and perform repairs. At 1934 hours the fault was cleared and the line was switched back in service. At 1939 hours PEF contacted Orange Cogen and released their 20 MW constraint.

Thank you for your assistance in this matter. Should you have any questions, please feel free to call me at (727)820-5184.

Sincerely,

A handwritten signature in black ink, appearing to read 'John T. Burnett', with a long horizontal flourish extending to the right.

John T. Burnett

JTB/emc