

Marguerite McLean

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From: Stright, Lisa [Lisa.Stright@pgnmail.com]
Sent: Tuesday, December 23, 2008 10:24 AM
To: Filings@psc.state.fl.us
Cc: Burnett, John
Subject: PEF Summary of Pasco Cogen Event - Undocketed
Attachments: Document.pdf

This electronic filing is made by:

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Undocketed

On behalf of Progress Energy Florida

Consisting of 2 pages.

**The attached document for filing is PEF's
Summary of the Pasco Cogen Event that
occurred on 12/15/08.**

Lisa Stright

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12/23/2008

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December 23, 2008

VIA ELECTRONIC FILING

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

Re: Summary of Pasco Cogeneration Event on December 15, 2008; Undocketed

Dear Ms. Cole:

According to FPSC Rule 25-17.086, "Periods During Which Purchases are Not Required", Progress Energy Florida (PEF) is providing notice to the Florida Public Service Commission that PEF reduced the maximum output of the Pasco Cogen facility by 26 MW on 12/15/08 starting at 10:18 hours until 15:57 hours on 12/17/08. The Pasco Cogen facility is interconnected to the PEF transmission system at PEF's Union Hall substation. PEF took this action in its capacity as Transmission Operator in order to ensure the reliability of the transmission system and prevent equipment damage.

The event began the morning of 12/15/08 when contingencies studies were performed on the system, which confirmed contingencies seen in previous studies. With the Union Hall to Trilby 69 kV line open, Tampa Electric Company (TEC) was seeing the following contingency: For the loss of the Dade to Richmond, TEC's Fort King to San Antonio 69 kV line would overload to 133% with Pasco Cogen at full load (116 MW). At 10:18 on 12/15/08 Pasco Cogen was asked to reduce their output to 90 MW. Once Pasco Cogen reported to be stable at 90 MW, the switching started to remove the Union Hall to Trilby 69 kV line from service. The work was a pre-arranged outage to upgrade the metering equipment in order to prepare for TEC to take ownership of the Union Hall Substation scheduled for 1/1/09.

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 10:18 on 12/15/08 PEF contacted Pasco Cogen and requested that the unit reduce output by 26 MW. After execution of the request, post contingency loading of the monitored elements (remaining lines) was reduced to acceptable values. Pasco Cogen was notified at 15:57 on 12/17/08 that it could resume normal operation up to full output.

On 12/17/08 PEF confirmed with Tampa Electric Company that the Dade to Richmond 69 kV line was going to be removed from service as scheduled 12/18/08 0700 – 12/20/08 1700. The work to be performed was to upgrade the metering equipment in order to prepare for TEC to take ownership of the Union Hall Substation scheduled for 1/1/09. Studies confirmed that with

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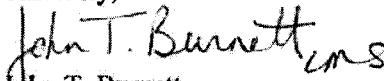
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the Dade to Richmond 69 kV line open, the loss of the Union Hall to Trilby 69 kV line would overload TECO's Fort King to San Antonio 69 kV line to 133% with Pasco Cogen at full load (116 MW). Pasco Cogen management decided to keep the unit completely offline during the work scheduled on the Dade to Richmond 69 kV Line. Pasco Cogen did decide to come online to test the unit on 12/18/08 at reduced output.

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

Sincerely,


John T. Burnett

JTB/lms