Steinmetz, Keith

From: [redacted]
Sent: Tuesday, December 20, 2022 4:00 PM
To: Jackson, John
Cc: Ramos, Felipe; Ramos, Felipe; Meacham, Jonathan; Burns, Matthew; Diaz, Jorge; Steinmetz, Keith
Subject: RE: TVA RC Cold Weather Report (12/22 - 12/26)

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

John,

Below is a high level summary of TVA RC and Member Company updates – I will continue to make updates and send periodically as I get additional information.

TVA RC Area Report — (12/22 - 12/26) Forecasted Cold Weather Event

TVA RC:

TVA RC continues to monitor the forecast closely in anticipation for the below normal temperatures to move across our footprint.
From a Reliability standpoint we are continuing to take a detailed look, Right now nothing is flagging as a particular concern.

Alert Status: None

- TVA RC plans to issue Cold Weather Alert Wednesday AM for the period starting Thursday, December 22 – 26.
- Medium –> High probability for declaring Conservative Operations Alert during period December 22 – 26.

Neighboring TVA RC Areas:

SPP RC:
SPP Issued a Cold Weather Advisory for the entire region of the SPP RC East footprint, effective from 12/21/2022 20:00 CPT
These conditions are expected to impact the SPP footprint until 12/26/2022 10:00 CPT.

PJM RC:
PJM Issued a Cold Weather Advisory for the Western Region zones from 07:00 on 12/23/2022 through 23:00 on 12/25/2022.

MISO RC:
MISO declares a Cold Weather Alert for South Region area(s) effective from 12/22/2022 12:00 EST to 12/26/2022 12:00 EST..
Expected temperatures are forecasted below 31.
Operations Personnel expect contact about fuel restrictions. Review SO-P-NOP-00-449 Conservative System Operations Procedure.

AECI BA/TOP:

Preparing for the high loads throughout the forecasted Cold Weather Event.
There are a few transmission outages that could cause concern and AECI will be coordinating to see if they can be returned before 12/22.
Dell is offline for commissioning and is expected to return 12/20 - Freeze off causing gas prices to jump

Alert Status:
AECI currently in Conservative Operations Advisory - 12/19 - 12/ 25.

- Due to Load forecasts being 85% or greater than the AECI historic winter peak, extreme cold temperatures and wind chills will being in the -15 to -35° range,
  and the chance for strong gusting winds up to 40-50 mph, Associated (AECI) has entered into a Conservative Operations Advisory (COA) for the entire system footprint.
  - *This advisory event indicates anticipated conditions are likely to meet the criteria for a system alert event.*
  - *This advisory does not require any immediate mitigating action but allows for preparation and safe system posturing.*
- AECI anticipates conditions for a Conservative Operations Alert (COA) starting 12/22 and going through the night of 12/25.

LGE-KU BA/TOP

Preparing for the high loads throughout the forecasted Cold Weather Event.
No reliability or capacity related concerns at this time.
LGE-KU will continue to evaluate the fleet and report immediately if system position changes.

Alert Status:
LGE-KU currently issued a Cold Weather Alert from 1200 EST on 12/22/2022 thru 1200 EST on 12/26/2022.

- Due to the powerful winter storm forecast to impact Kentucky and southern Indiana Thursday into the Christmas holiday weekend.
- Minor snow accumulations appear likely Thursday night through Friday, and a rapid drop in temperature and high winds will likely worsen the impact of the any snow accumulations.
- Wind gusts late Thursday night through Friday could be in the 40-50 mph range. These winds along with the frigid temperatures will result in dangerous wind chills. The cold weather will last through Christmas.

TVA BA/TOP

Preparing for the high loads throughout the forecasted Cold Weather Event. (12/23 thru 12/26) - , still working to refine the forecast and timing.
Several generation resources returned to service or in Start-up mode and expected gen-sync today.
Most outages returned that can be returned – TOP continues to coordinate with Field Operations for others.

Alert Status:

Due to the risks associated with this event, TVA BA/TOP expects to enter Cold Weather Alert Thursday, 12/22 at 1200 system time for the weekend.

Terry Williams
Manager, Reliability Operations
Reliability Authority & Regional Operations

TENNESSEE VALLEY AUTHORITY

W. [redacted] **M.** [redacted] **E.** [redacted]

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