

July 3, 2008

To: Reliability and Operations Subcommittee

Re: Texas Regional Entity (Texas RE) Notice of Initial Review(s) of System Event(s)

Date and Time of Event(s): June 18, 2008 02:09
June 18, 2008 16:37
June 27, 2008 14:50
June 30, 2008 23:45

Brief Description of the Event(s):

June 18 02:09 – Multiple Wind farms in West Texas tripped off line following severe thunderstorms in the area. Seven wind farms tripped 403 MW within one minute; another two took 137 MW off line within the following two minutes, causing the total loss of 540 MWs. This amount of generation loss caused the frequency to drop to 59.862 Hz. ERCOT ISO deployed 563 MW of Responsive Reserve Service to stabilize the system.

June 18 16:37 – An Emergency Electrical Curtailment Plan (EECP) Step 1 was issued by ERCOT ISO due to the Adjusted Responsive Reserves falling below 2300 MW. Load forecasting errors in both the Day-Ahead and current day operations may have been contributing factors to this event.

June 27 14:50 – A forced unit outage in the South West Texas area, occurred following unit voltage regulator transformer failure. This loss of generation led ERCOT ISO to request emergency power from Comision Federal de Electricidad (CFE) through the south DC ties to help support the affected area.

June 30 23:45 – ERCOT ISO issued an Emergency Notice due to the failure of the Day-Ahead Market RPRS to complete prior to the deadline at 18:00. ERCOT ISO did manage to use other resources to complete its task and cancelled the notice at 23:45.

Action Proposed:

No Further Analysis Required Based on Preliminary Discussion:

June 18 02:09
June 27 14:50
June 30 23:45

Initial Analysis, ERCOT ISO Requested to Proceed with Preliminary Event Analysis

June 18 16:37- EECP Step 1, ERCOT Operation Support Engineering (OSE) has already issued their Preliminary Event Analysis report on June 26, 2008. Texas RE is presently reviewing the report.

Reviewed by:
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Thuy Huynh, ERCOT Operation Support

Sincerely,

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cc: Public Utility Commission of Texas Enforcement Division