



# **Event Summary -- Emergency Electric Curtailment Program**

**April 17, 2006**

- **Going into Tuesday, April 17**
  - Peak load forecast – 49,018 MW
  - Peak capacity scheduled – 53,920 MW
  - Capacity on planned outage – 14,000 MW
- **Hour ending 3:00 pm demand was 50,265 MW**
- **At 3:25 pm EECF Step 1 was declared**
  - All balancing bids and regulation being used
  - Spinning reserved deployed
  - Difficulty maintaining 60 Hz
  - Asked for all capacity available to be brought on line and generating
  - Scheduled emergency assistance over the DC ties

\*all numbers are preliminary

# Sequence of Events (cont.)

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- **At 3:34 pm EECF Step 2 declared**
  - Continued low frequency with all balancing and regulation deployed
  - Deployed all LaaRs (interruptible loads providing Responsive Reserve – 1,150 MW)
  - Frequency recovered to 60 Hz
- **Hour ending 4:00 pm load was 51,714 MW**
- **Shortly after 4:00 pm several units tripped within a few minutes of each other ~1,200 MW total**
  - Frequency went below 59.8 HZ

\*all numbers are preliminary

# Sequence of Events (cont.)

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- **At 4:13 pm EECF Step 4 declared**
  - Ordered 1,000 MW firm load shedding
  - Allocated to Transmission Operators on a load ratio share basis
  - Rotated among customers
- **At 4:25 pm Step 3 of the EECF (Public Appeal for Conservation) was issued**
  - Frequency recovered but balancing and regulation continued to be fully used until about 5:30 pm
- **At 5:31 pm ERCOT started reducing firm load curtailments**

\*all numbers are preliminary



## **Sequence of Events (cont.)**

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- **At 6:10 pm all firm load restored**
- **At 6:21 pm started restoring LaaRs (interruptible) load)**
- **EECP fully cancelled at 7:20 pm**

\*all numbers are preliminary



# April 18 Preparation

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- **Planning for a peak load of 53,575 MW**
- **Expecting 58,100 MW of generation to be available scheduled by QSEs and procured by ERCOT**

\*all numbers are preliminary