Event Summary -- Emergency Electric Curtailment Program

April 17, 2006
Sequence of Events

• 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 EECP 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.)

• At 3:34 pm EECP 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.)

• At 4:13 pm EECP 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 EECP (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.)

• 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

- 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