



Hurricane Preparedness

Operational Preparation

- **Start alerts to QSEs and TOs several days before hurricane forecast to hit Texas coast**
- **Use Taylor (hardened facility) EMMS as primary operating system for duration of storm**
- **Check satellite voice communications between ERCOT and TOs**
- **Cancel planned transmission outages**
- **Delay any scheduled implementation of EMMS changes**

Operational Preparation (cont.)

- **Request QSEs to:**
 - Staff all plants unless safety dictates otherwise
 - Notify ERCOT of all evacuated plants
 - Keep Resource Plans, Schedules, Bids up to date
 - Bid in all available capacity into BES market, particularly DBES
 - Be prepared to take plants off line quickly if requested by ERCOT
- **Distribute and review frequency control guidelines with all QSEs and Generators to use in case of loss of communication between ERCOT, QSE, Generator**
- **Arrange for extra ERCOT critical personnel to come in if needed**
- **Arrange for lodging/food/water for critical personnel at nearby hotels and in ERCOT facilities**



Market/Media Communication

- **Create link for hurricane updates on ercot.com**
- **Schedule MP conference calls before and during landfall**
- **Set up 24-hour phone hot lines for media, market participants and public for issues not concerning real time operations**
- **Maintain communications with State Operations Center, PUCT and Legislative leadership.**



ERCOT Operations Hurricane Drill

- **Conducted May 8-10, 2006**
- **Participation**
 - 22 companies reported participation
 - 66 NERC-certified operators
 - 249 total participants
 - Over 1000 participant-hours of training
- **Simulations**
 - Islanding
 - Multiple transmission line outages
 - Distribution outages
 - Restoration
 - Resource Plan changes
 - Ancillary Services bidding
 - Schedule changes
 - Load shedding

- **Improve Communication**
 - TO > QSE > Resources
 - Need for satellite phones in back-up control rooms underscored
 - Phone lists for neighboring TOs in control rooms must be updated
- **Several participants noted the need to revise their procedures and emergency plans**
- **Need for overall backup site readiness was underscored**

Follow-up Actions

- **ROS reviewed lessons learned from last years hurricanes by ERCOT, Florida Power and Light and South Mississippi Electric Power Association (no information received from Entergy)**
- **ROS reviewed lessons learned from May ERCOT Hurricane drill**
- **ERCOT will conduct an Emergency Communications drill on July 14**