



# Nodal Program Update

Mike Cleary

Chief Operating Officer

ERCOT Board of Directors

20 September 2010



# 168 Hr / 72 Hr LFC Test Overview

Kenneth Ragsdale  
Principal Market Operations

## 168 Hour Test and 48 Hour LMP Results:

---

**Results from the test will be released prior to the Board meeting**

# 40-Hour Full System Reliability and Market Test GREDP Results

## Generation Resource Energy Deployment Performance (GREDP)

- Measure of how well resources follow dispatch instructions
- Non-Wind Generators must have a GREDP less than **5%** or **5 MW** for **85%** of the intervals in which GREDP was scored
- Wind Generators must have a GREDP less than **10%** or the output must be less than their expected output for **95%** of the intervals in which GREDP was scored

### WGRs

Percent of WGRs that Met the Protocol Criteria	80.00%
Number of WGRs that had an Interval for which GREDP was scored	5
Average Percent of Total Generation During the Test from WGRs	1.65%

### Non-WGRs

	Percent of Non-WGRs Generation Resources that Met the Protocol Criteria	Average Percent of Total Generation During the Test by Fuel Type
All Resources	89.29%	NA
Resources Providing Regulation	88.24%	NA
Combined Cycle Resources	95.00%	39.29%
Coal and Lignite Resources	100.00%	38.02%
Diesel Resources	100.00%	0.11%
Gas Steam (Non-Reheat Boiler) Resources	100.00%	0.03%
Gas Steam (Reheat Boiler) Resources	76.00%	3.29%
Gas Steam (Supercritical Boiler) Resources	66.67%	0.87%
Hydro Resources	100.00%	0.13%
Nuclear Resources	100.00%	11.28%
Simple Cycle (Greater than 90 MW) Resources	85.00%	4.68%
Simple Cycle (Less than 90 MW) Resources	74.07%	0.66%

Note: Wind resources are only scored during curtailment

