

Balancing Authority ACE Limit Proof-of-Concept Field Trial

ERCOT BA's Field Trial Updates

June, 2011

Field Trial Parameters

| BA | Start Date | 2011 Frequency Bias | FTL _{HIGH} (HZ) | FTL _{LOW} (HZ) | BAAL _{HIGH} (MW) | BAAL _{LOW} (MW) |
|-------|--------------|---------------------|--------------------------|-------------------------|---------------------------|--------------------------|
| ERCOT | Dec 15, 2009 | 653 *MW/0.1 HZ | 60.09 | 59.91 | 587.7 | -587.7 |

Monthly Report – June 2011

| | Total Minutes | Maximum Consecutive Minutes | Comments |
|---|---------------|-----------------------------|----------|
| Exceedances BAAL _{HIGH} / FTL _{HIGH} | 0/0 | 0/0 | None |
| Exceedances BAAL _{LOW} / FTL _{LOW} | 37/35 | 5/5 | None |

*ERCOT Frequency Bias was changed from 667 MW/0.1 HZ to 653 MW/0.1 Hz on 01/03/2011

Balancing Authority ACE Limit Proof-of-Concept Field Trial

The Balancing Authority ACE Limit (BAAL) shall not be exceeded for more than 30 consecutive clock-minutes*

| Month | Max MinCtLow (Minutes) | Max MinCtHigh (Minutes) |
|----------------|------------------------|-------------------------|
| June-2011# | 5 | 0 |
| May-2011 | 8 | 3 |
| April-2011 | 6 | 4 |
| March-2011 | 6 | 8 |
| February-2011 | 23 | 6 |
| January-2011 | 7 | 1 |
| December-2010 | 9 | 13 |
| November-2010 | 9 | 15 |
| October-2010 | 2 | 8 |
| September-2010 | 3 | 1 |
| August-2010 | 3 | 3 |
| July-2010 | 2 | 0 |
| June-2010 | 5 | 18 |

*BAAL being exceeded for more than 30 consecutive clock-minutes would be a violation under the proposed BAL-007 standard.

The CPS1 Score for the Month of June 2011 was 143.87%.

Questions ??