ERCOT Grid Operations

Wind Integration Report: 05/25/2012

Peak Load 55,834 MW
Load Peak Hour (HE) 17
Wind Over Peak 4,796 MW
Wind Record 04/13/12 7,925 MW
Max Wind Value* 7,321 MW
Wind Peak Time 22:30
Wind Integration % 16.45%

Hourly Average Actual Load vs. Actual Wind Output
05/25/2012

* Wind Record and Wind Max represent instantaneous values and the rest of the values are integrated over the hour
Actual Wind Output as a Percentage of the Total Installed Wind Capacity

05/25/2012

Actual Wind Output as a Percentage of the ERCOT Load

05/25/2012
ERCOT Load vs. Actual Wind Output
05/18/2012 - 05/25/2012

Load MW

Date

20,000
22,000
24,000
26,000
28,000
30,000
32,000
34,000
36,000
38,000
40,000
42,000
44,000
46,000
48,000
50,000
52,000
54,000
56,000
58,000
60,000

0
2,000
4,000
6,000
8,000

5/18/12 5/19/12 5/20/12 5/21/12 5/22/12 5/23/12 5/24/12 5/25/12

Actual Integrated Wind Output Integrated Load

Blue: Actual Integrated Wind Output  Green: Integrated Load