ERCOT Grid Operations

Wind Integration Report: 04/27/2015

Peak Load: 41,491 MW
Load Peak Hour (HE): 17
Wind Over Peak: 5,708 MW
Wind Record 02/19/15: 11,154 MW
Max Wind Value*: 7,774 MW
Wind Peak Time: 19:55
Wind Integration %: 19.62 %

Hourly Average Actual Load vs. Actual Wind Output

04/27/2015

* Wind Record and Wind Max represent instantaneous values and the rest of the values are integrated over the hour.

Capacity numbers used in the graphs are based on the expected commercial operation date of each Wind Generation Resource.
Actual Wind Output as a Percentage of the Total Installed Wind Capacity

04/27/2015

Actual Wind Output as a Percentage of the ERCOT Load

04/27/2015
ERCOT Load vs. Actual Wind Output
04/20/2015 - 04/27/2015

Date
Load MW

4/20/15
4/21/15
4/22/15
4/23/15
4/24/15
4/25/15
4/26/15
4/27/15

0
2,000
4,000
6,000
8,000
10,000

48,000
46,000
44,000
42,000
40,000
38,000
36,000
34,000
32,000
30,000
28,000
26,000
24,000
22,000
20,000

Actual Integrated Wind Output
Integrated Load

System Operations