ERCOT Grid Operations
Wind Integration Report: 10/13/2014

Peak Load 39,153 MW
Load Peak Hour (HE) 11
Wind Over Peak 9,726 MW
Wind Record 03/26/14 10,296 MW
Max Wind Value* 9,848 MW
Wind Peak Time 10:55
Wind Integration % 25.07%

Hourly Average Actual Load vs. Actual Wind Output
10/13/2014

* 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

10/13/2014

Actual Integrated Wind Output
Total WGR Installed Capacity

(Wind Output/Installed Wind Capacity)%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 00

Actual Wind Output as a Percentage of the ERCOT Load

10/13/2014

Actual Integrated Wind Output
Actual Load

(Wind Output/Load)%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 00

Actual Integrated Wind Output
Actual Load
ERCOT Load vs. Actual Wind Output
10/06/2014 - 10/13/2014

Actual Integrated Wind Output
Integrated Load

Date
Load MW

System Operations