ERCOT Grid Operations
Wind Integration Report: 07/20/2015

Peak Load 66,172 MW
Load Peak Hour (HE) 17
Wind Over Peak 2,453 MW
Wind Record 02/19/15 11,154 MW
Max Wind Value* 8,006 MW
Wind Peak Time 00:34
Wind Integration % 18.10 %

* 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

07/20/2015

![Bar chart showing actual wind output as a percentage of the total installed wind capacity for 07/20/2015. The x-axis represents time from 01 to 00, while the y-axis represents the percentage from 0% to 100%. The chart includes a legend indicating actual integrated wind output and total WGR installed capacity.]

Actual Wind Output as a Percentage of the ERCOT Load

07/20/2015

![Bar chart showing actual wind output as a percentage of the ERCOT load for 07/20/2015. The x-axis represents time from 01 to 00, while the y-axis represents the percentage from 0% to 100%. The chart includes a legend indicating actual integrated wind output and actual load.]

System Operations
ERCOT Load vs. Actual Wind Output

07/13/2015 - 07/20/2015

Load MW

Date

Actual Integrated Wind Output
Integrated Load