ERCOT Grid Operations
Wind Integration Report: 08/17/2014

Peak Load: 54,709 MW
Load Peak Hour (HE): 18
Wind Over Peak: 3,516 MW
Wind Record 03/26/14: 10,296 MW
Max Wind Value*: 5,144 MW
Wind Peak Time: 03:43
Wind Integration %: 13.69 %

Hourly Average Actual Load vs. Actual Wind Output
08/17/2014

* 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

08/17/2014

![Graph showing wind output as a percentage of total installed wind capacity for 08/17/2014.](image)

- **Actual Integrated Wind Output**
- **Total WGR Installed Capacity**

Actual Wind Output as a Percentage of the ERCOT Load

08/17/2014

![Graph showing wind output as a percentage of ERCOT load for 08/17/2014.](image)

- **Actual Integrated Wind Output**
- **Actual Load**

System Operations