**ERCOT Grid Operations**

**Wind Integration Report : 10/27/2014**

- Peak Load: 46,117 MW
- Load Peak Hour (HE): 17
- Wind Over Peak: 4,298 MW
- Wind Record 03/26/14: 10,296 MW
- Max Wind Value*: 8,618 MW
- Wind Peak Time: 00:16
- Wind Integration %: 28.59%

---

**Hourly Average Actual Load vs. Actual Wind Output**

*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

10/27/2014

![Bar chart showing Actual Wind Output as a Percentage of the Total Installed Wind Capacity for 10/27/2014.](image)

- **X-axis:** Time (01 to 00)
- **Y-axis:** (Wind Output/Installed Wind Capacity) %

Legend:
- Actual Integrated Wind Output
- Total WGR Installed Capacity

Actual Wind Output as a Percentage of the ERCOT Load

10/27/2014

![Bar chart showing Actual Wind Output as a Percentage of the ERCOT Load for 10/27/2014.](image)

- **X-axis:** Time (01 to 00)
- **Y-axis:** (Wind Output/Load) %

Legend:
- Actual Integrated Wind Output
- Actual Load
ERCOT Load vs. Actual Wind Output
10/20/2014 - 10/27/2014

![Graph showing ERCOT Load vs. Actual Wind Output](chart.png)