ERCOT Grid Operations

Wind Integration Report: 10/28/2015

- Peak Load: 40,984 MW
- Load Peak Hour (HE): 16
- Wind Over Peak: 904 MW
- Wind Record 10/22/15: 12,238 MW
- Max Wind Value*: 10,121 MW
- Wind Peak Time: 05:41
- Wind Integration %: 34.80%

* 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

**10/28/2015**

![Bar chart showing actual wind output as a percentage of the total installed wind capacity. Each bar indicates the percentage of output at different times of the day.](chart1)

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

### Actual Wind Output as a Percentage of the ERCOT Load

**10/28/2015**

![Bar chart showing actual wind output as a percentage of the ERCOT load. Each bar indicates the percentage of load at different times of the day.](chart2)

- **Legend:**
  - Actual Integrated Wind Output
  - Actual Load

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**System Operations**