ERCOT Grid Operations
Wind Integration Report: 11/22/2014

- Peak Load: 34,753 MW
- Load Peak Hour (HE): 19
- Wind Over Peak: 3,723 MW
- Wind Record 11/02/14: 10,301 MW
- Max Wind Value*: 6,111 MW
- Wind Peak Time: 03:35
- Wind Integration %: 23.47%

* 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

11/22/2014

Actual Wind Output as a Percentage of the ERCOT Load

11/22/2014

System Operations
### ERCOT Load vs. Actual Wind Output

**11/15/2014 - 11/22/2014**

<table>
<thead>
<tr>
<th>Date</th>
<th>Actual Integrated Wind Output</th>
<th>Integrated Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/15/14</td>
<td>11/16/14</td>
<td>11/17/14</td>
</tr>
<tr>
<td>11/18/14</td>
<td>11/19/14</td>
<td>11/20/14</td>
</tr>
<tr>
<td>11/21/14</td>
<td>11/22/14</td>
<td>11/23/14</td>
</tr>
</tbody>
</table>

**Graph:**
- **X-axis:** Date (11/15/14 to 11/22/14)
- **Y-axis:** Load MW (20,000 to 52,000)
- **Legend:**
  - Blue: Actual Integrated Wind Output
  - Green: Integrated Load

**Note:**
- System Operations

---

**Image Sources:**
- ERCOT Load vs. Actual Wind Output
- Graph of load vs. actual wind output from 11/15/2014 to 11/22/2014.