

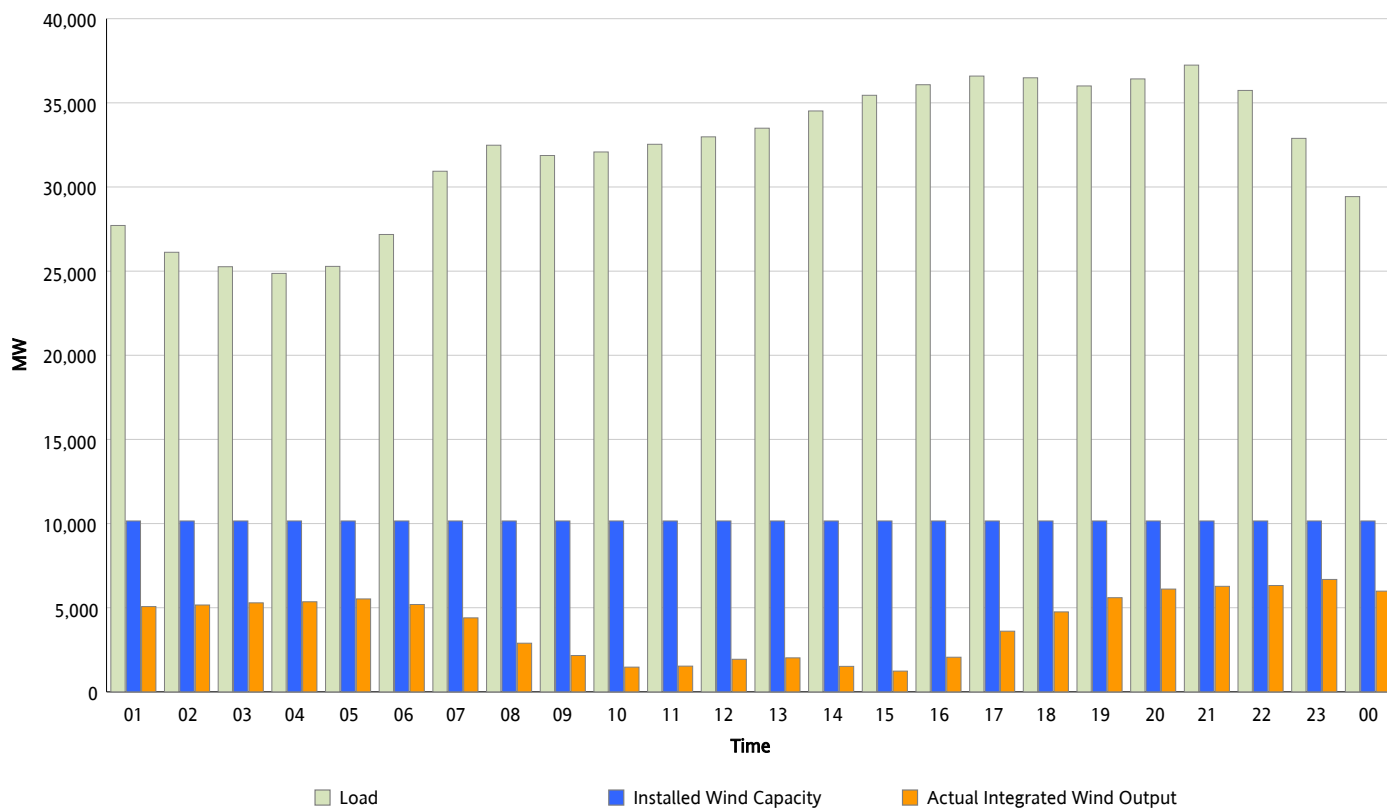


## ERCOT Grid Operations

### Wind Integration Report : 03/19/2013

Peak Load	37,242 MW
Load Peak Hour (HE)	21
Wind Over Peak	6,273 MW
Wind Record 02/09/13	9,481 MW
Max Wind Value*	6,814 MW
Wind Peak Time	22:06
Wind Integration %	20.02 %

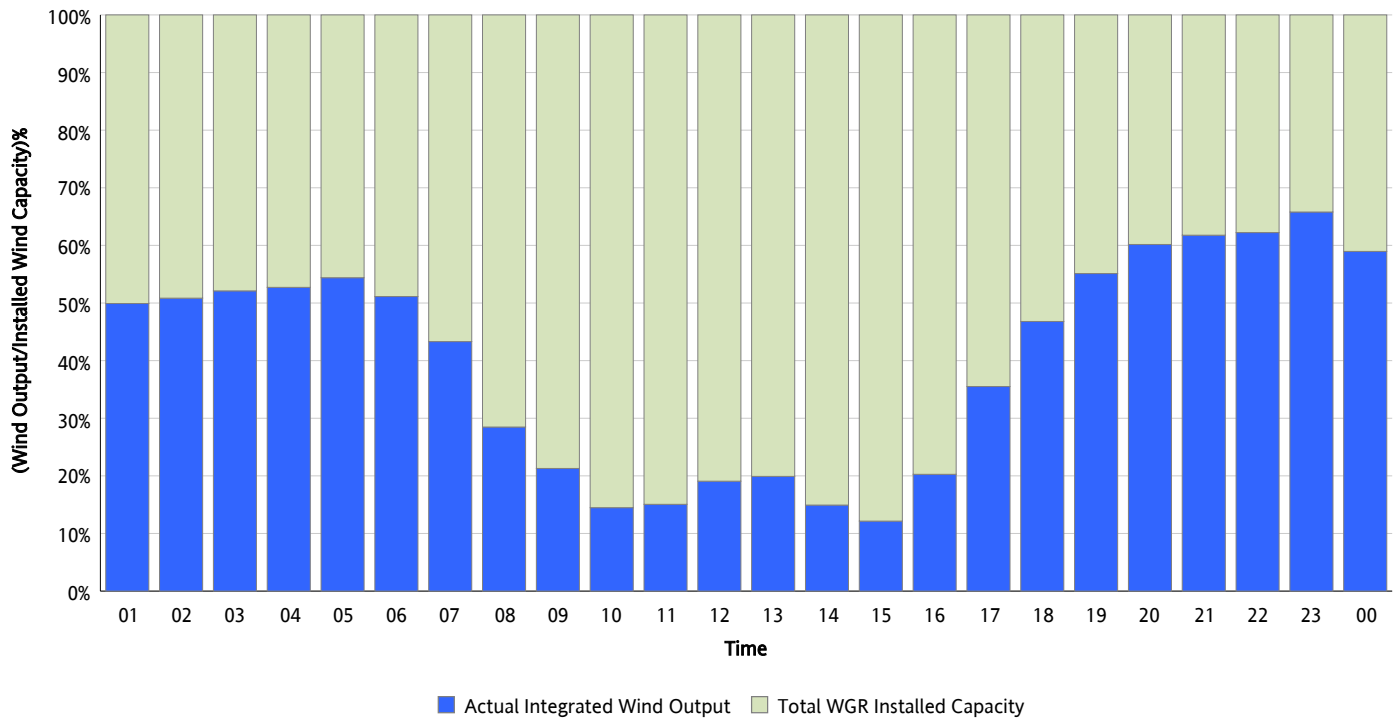
**Hourly Average Actual Load vs. Actual Wind Output**  
**03/19/2013**



\* Wind Record and Wind Max represent instantaneous values and the rest of the values are integrated over the hour

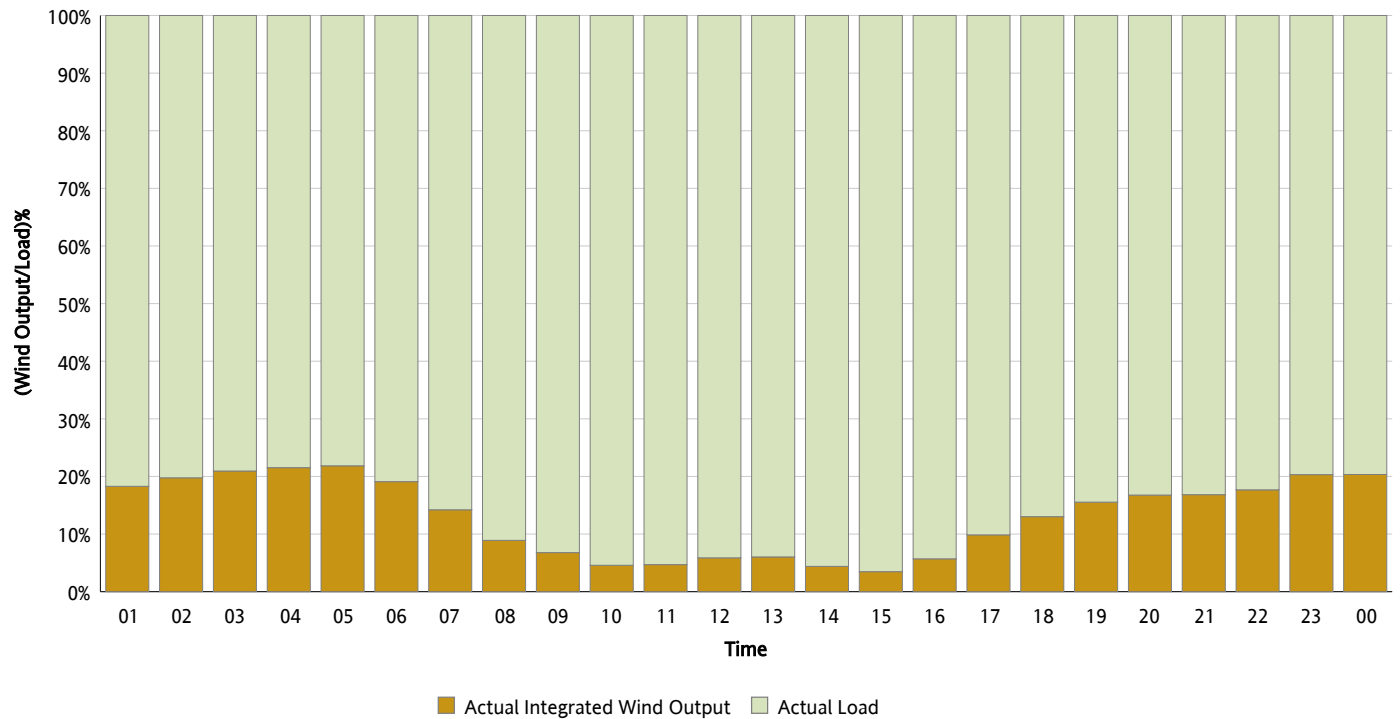
## Actual Wind Output as a Percentage of the Total Installed Wind Capacity

03/19/2013



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

03/19/2013



## ERCOT Load vs. Actual Wind Output

03/12/2013 - 03/19/2013

