



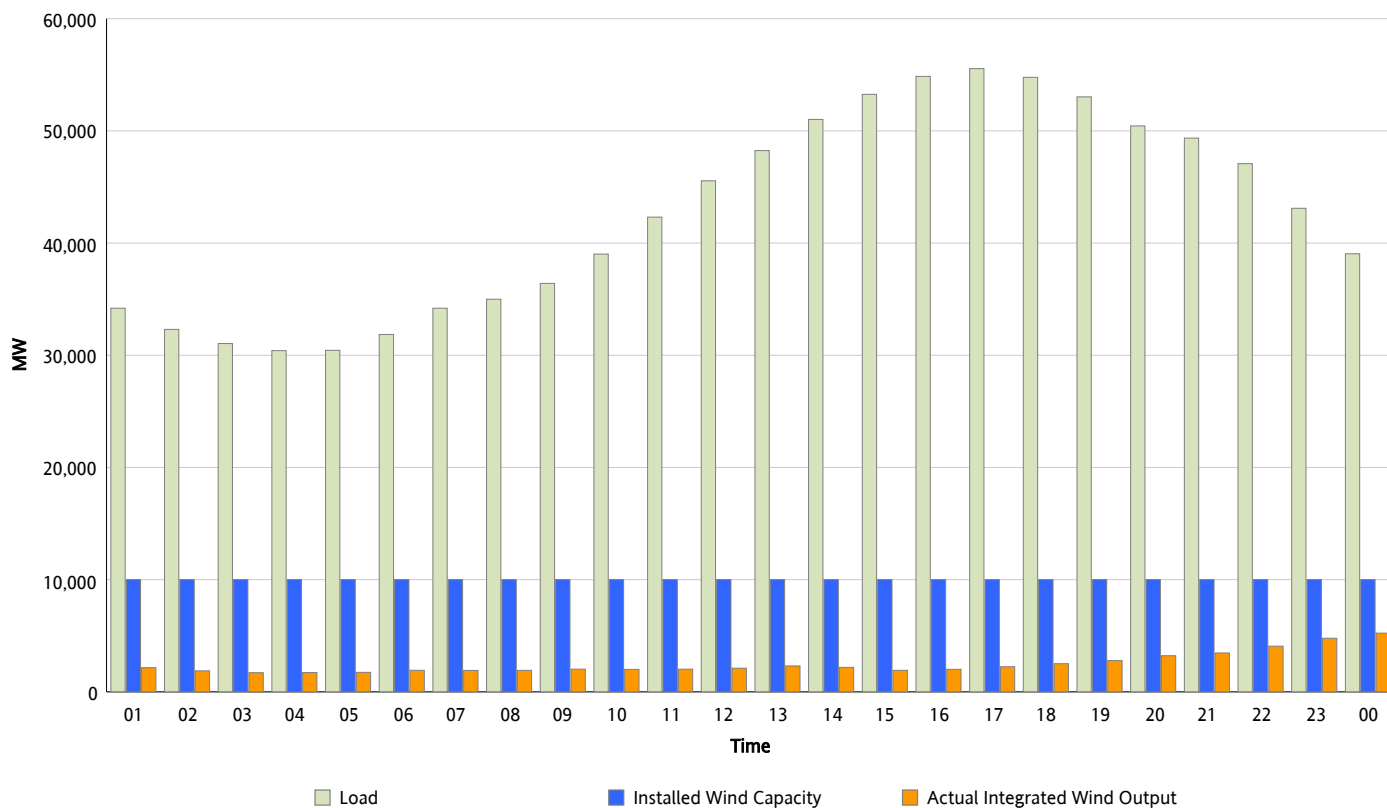
## ERCOT Grid Operations

### Wind Integration Report : 08/22/2012

Peak Load	55,548 MW
Load Peak Hour (HE)	17
Wind Over Peak	2,237 MW
Wind Record 06/19/12	8,368 MW
Max Wind Value*	5,400 MW
Wind Peak Time	23:55
Wind Integration %	14.4 %

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

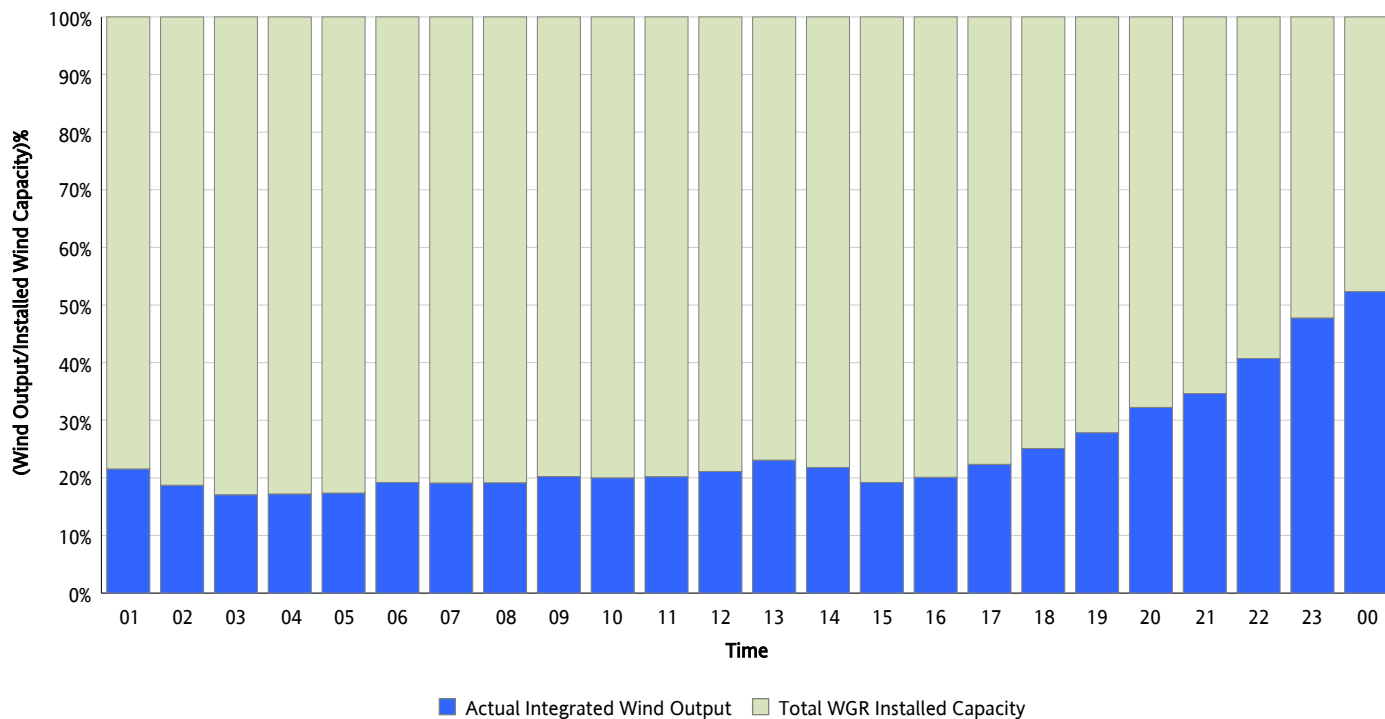
08/22/2012



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

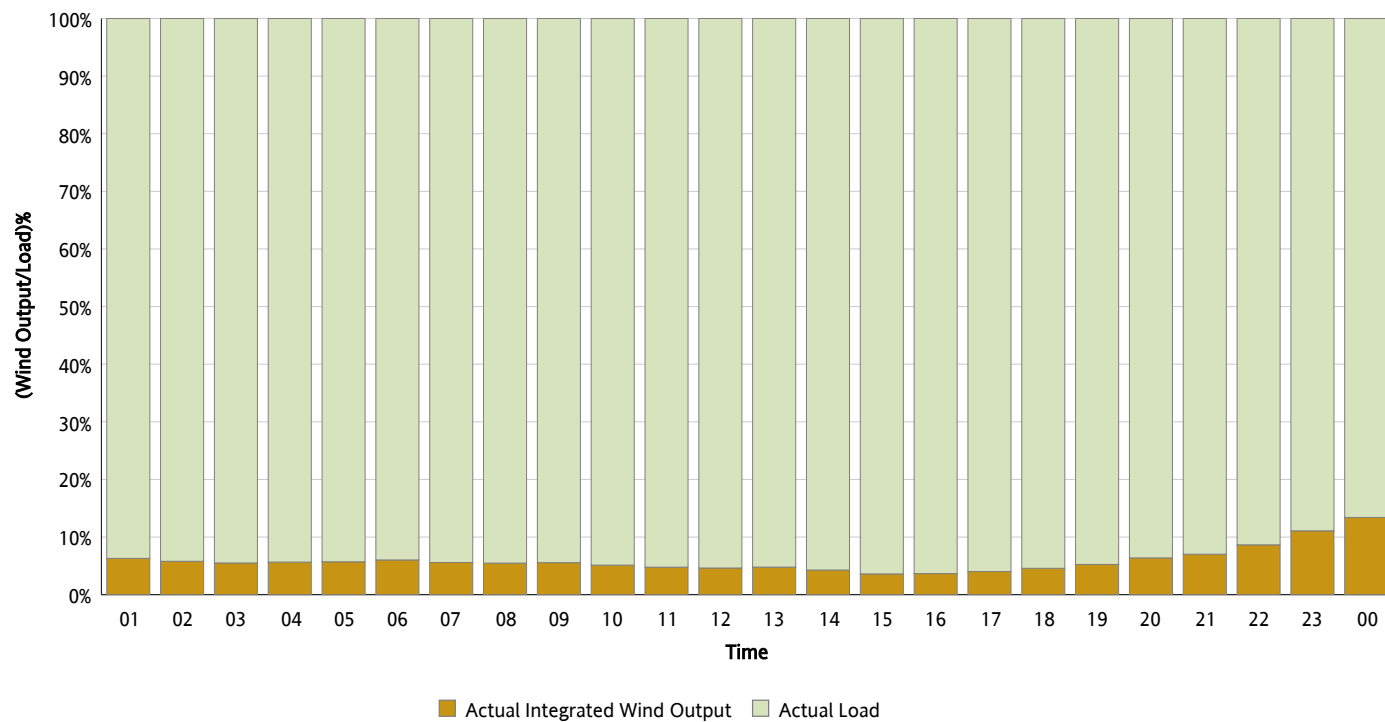
## Actual Wind Output as a Percentage of the Total Installed Wind Capacity

08/22/2012



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

08/22/2012



## ERCOT Load vs. Actual Wind Output

08/15/2012 - 08/22/2012

