

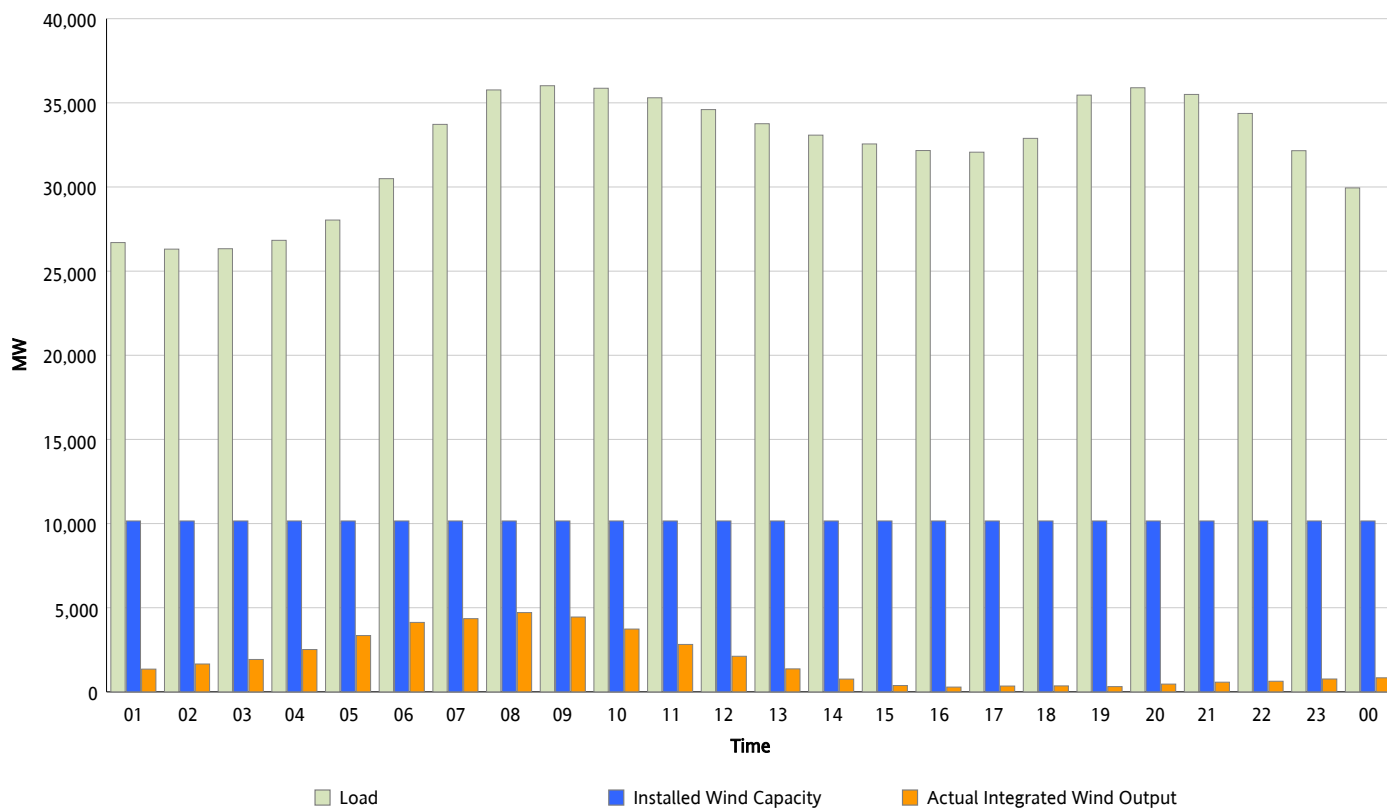


ERCOT Grid Operations

Wind Integration Report : 01/21/2013

Peak Load	36,018 MW
Load Peak Hour (HE)	09
Wind Over Peak	4,448 MW
Wind Record 12/25/12	8,638 MW
Max Wind Value*	4,804 MW
Wind Peak Time	08:02
Wind Integration %	13.35 %

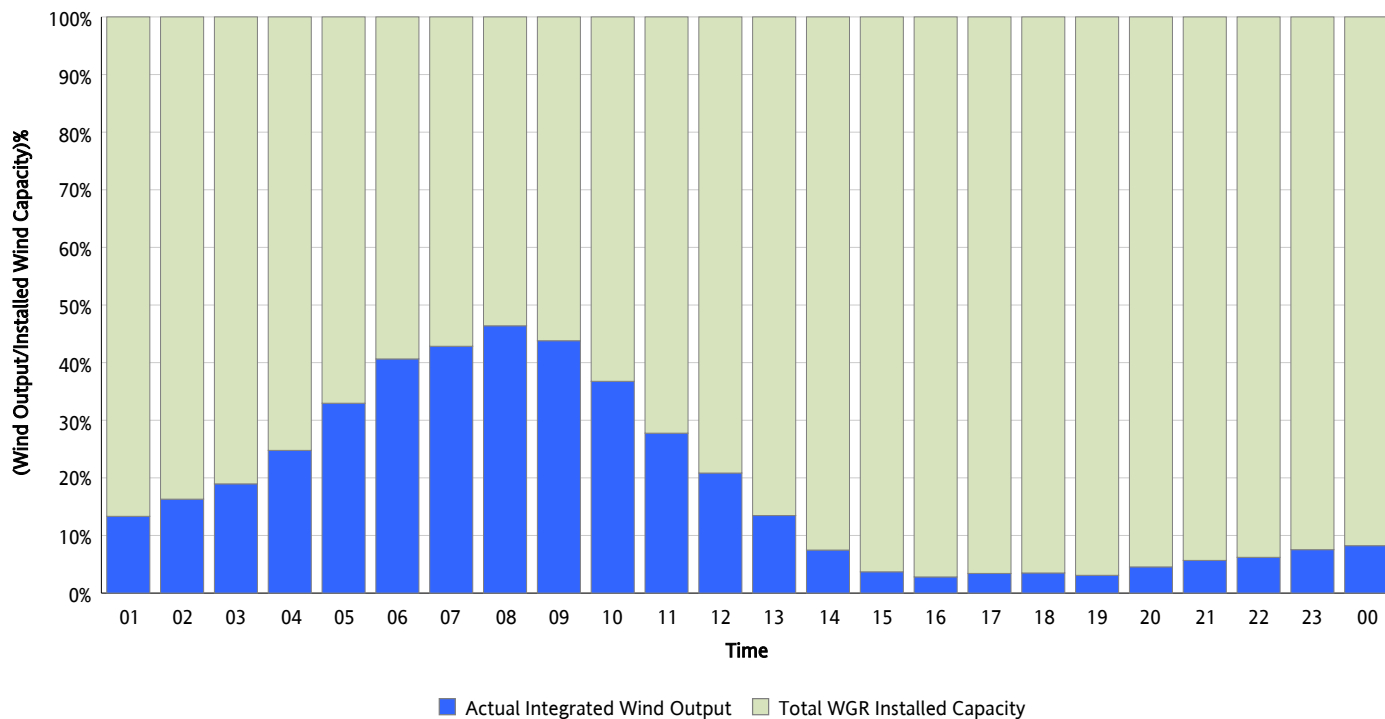
Hourly Average Actual Load vs. Actual Wind Output
01/21/2013



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

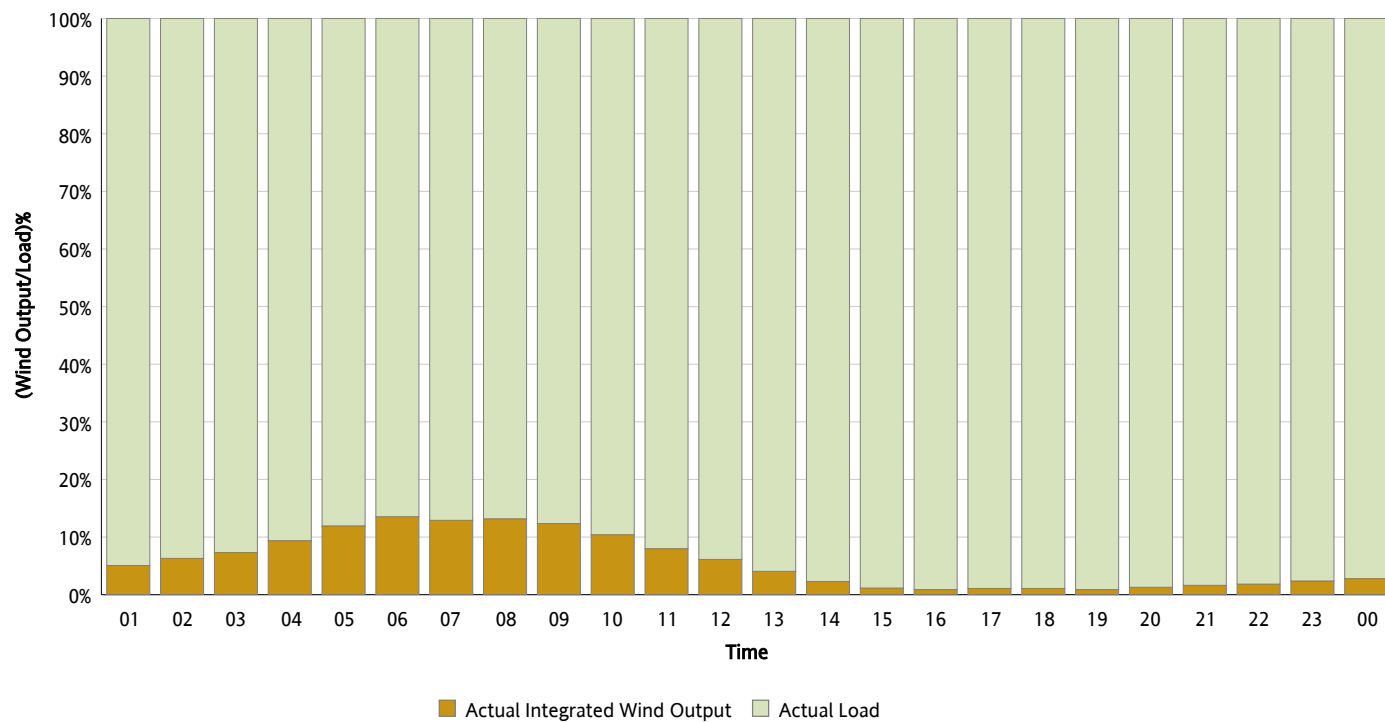
Actual Wind Output as a Percentage of the Total Installed Wind Capacity

01/21/2013



Actual Wind Output as a Percentage of the ERCOT Load

01/21/2013



ERCOT Load vs. Actual Wind Output

01/14/2013 - 01/21/2013

