

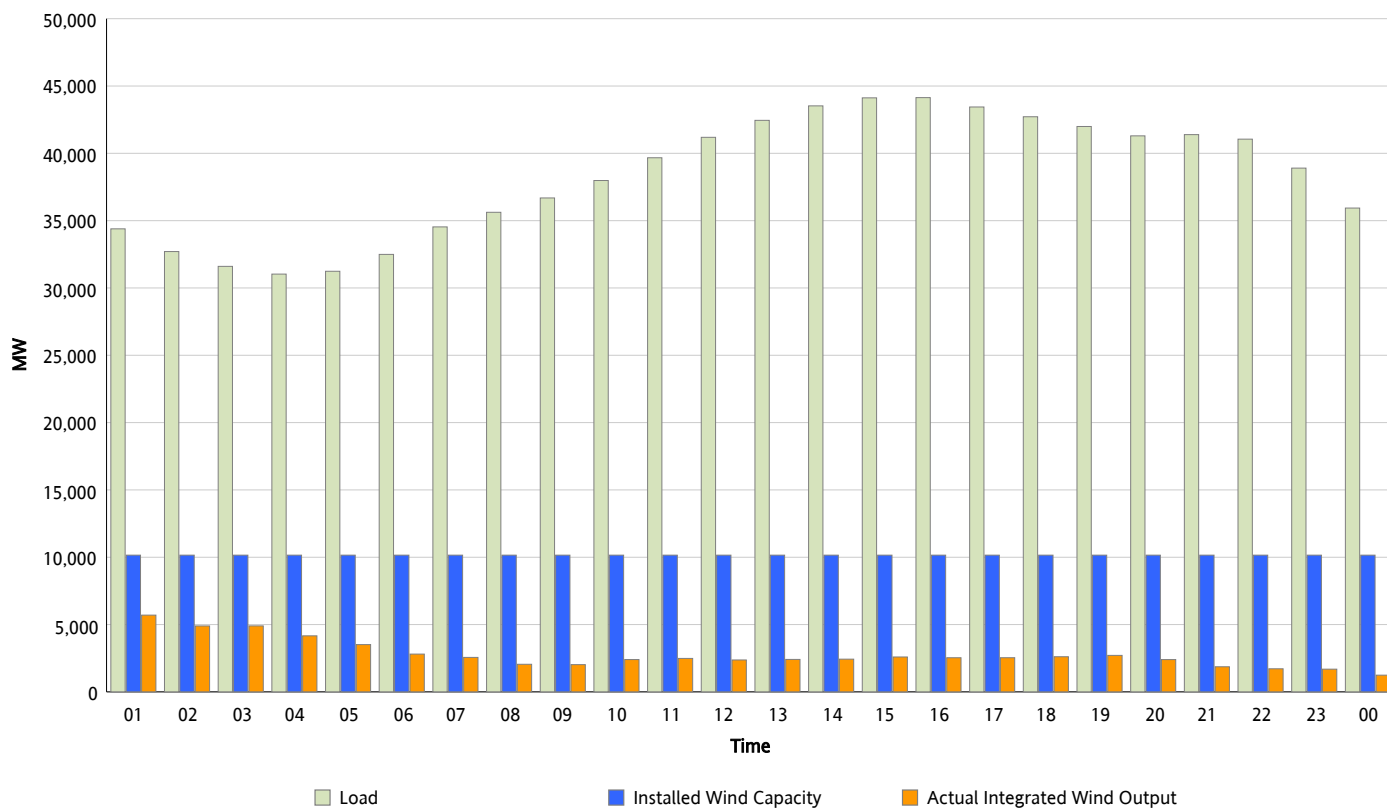


ERCOT Grid Operations

Wind Integration Report : 07/15/2013

Peak Load	44,137 MW
Load Peak Hour (HE)	16
Wind Over Peak	2,536 MW
Wind Record 05/02/13	9,674 MW
Max Wind Value*	5,916 MW
Wind Peak Time	00:31
Wind Integration %	17.19 %

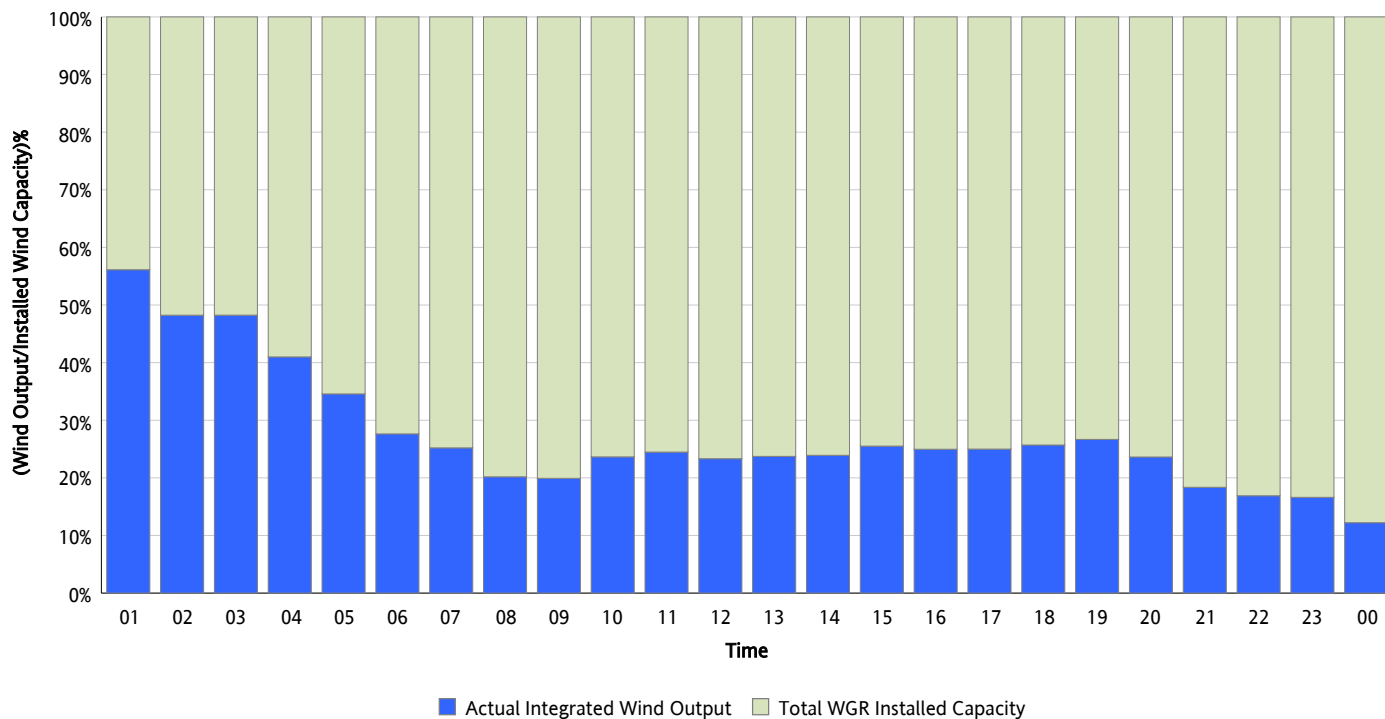
Hourly Average Actual Load vs. Actual Wind Output
07/15/2013



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

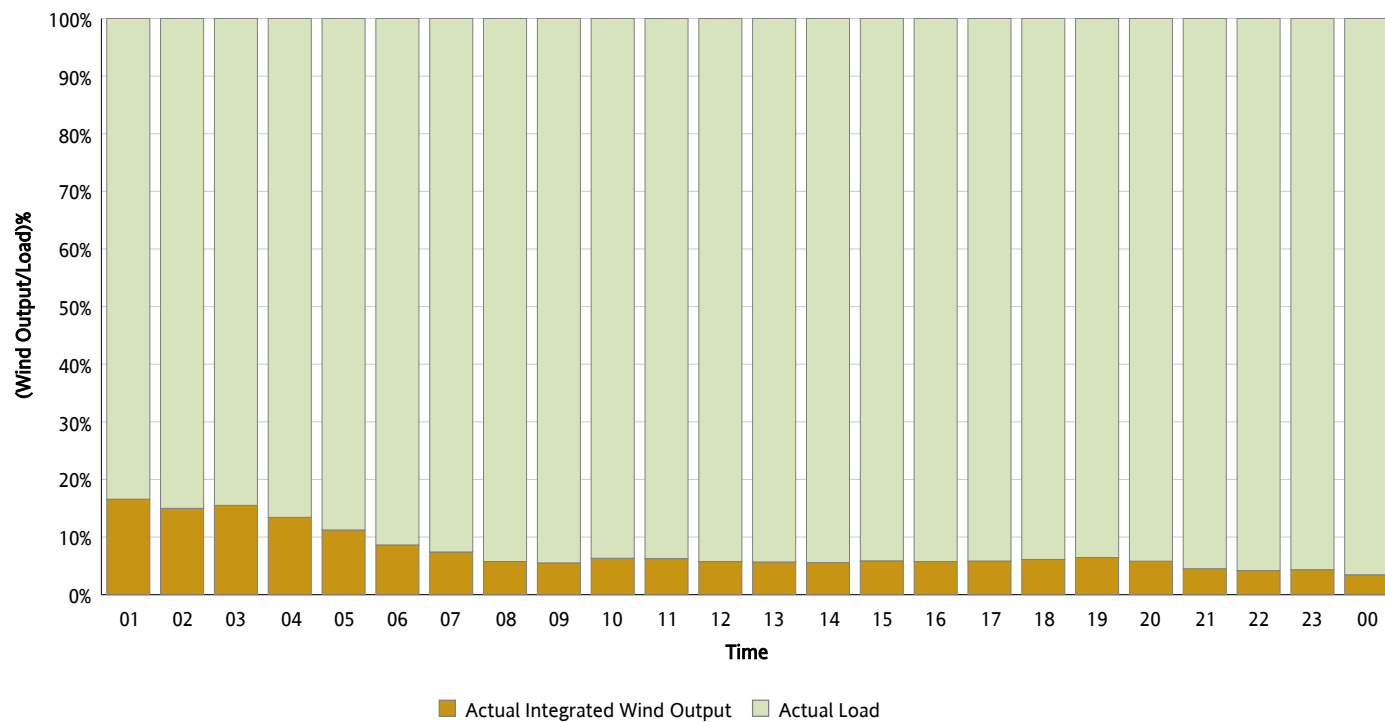
Actual Wind Output as a Percentage of the Total Installed Wind Capacity

07/15/2013



Actual Wind Output as a Percentage of the ERCOT Load

07/15/2013



ERCOT Load vs. Actual Wind Output

07/08/2013 - 07/15/2013

