

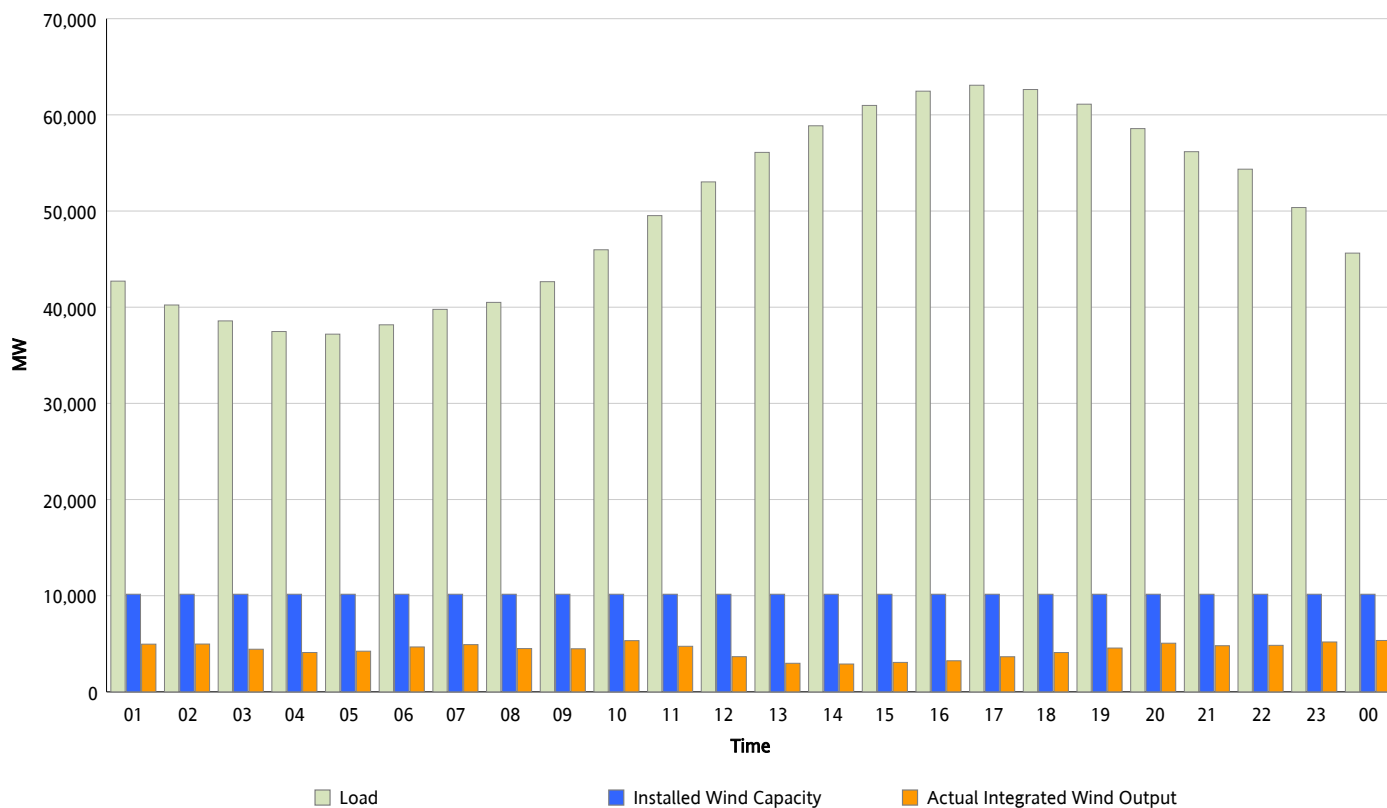


ERCOT Grid Operations

Wind Integration Report : 07/23/2013

Peak Load	63,081 MW
Load Peak Hour (HE)	17
Wind Over Peak	3,655 MW
Wind Record 05/02/13	9,674 MW
Max Wind Value*	5,510 MW
Wind Peak Time	09:38
Wind Integration %	11.84 %

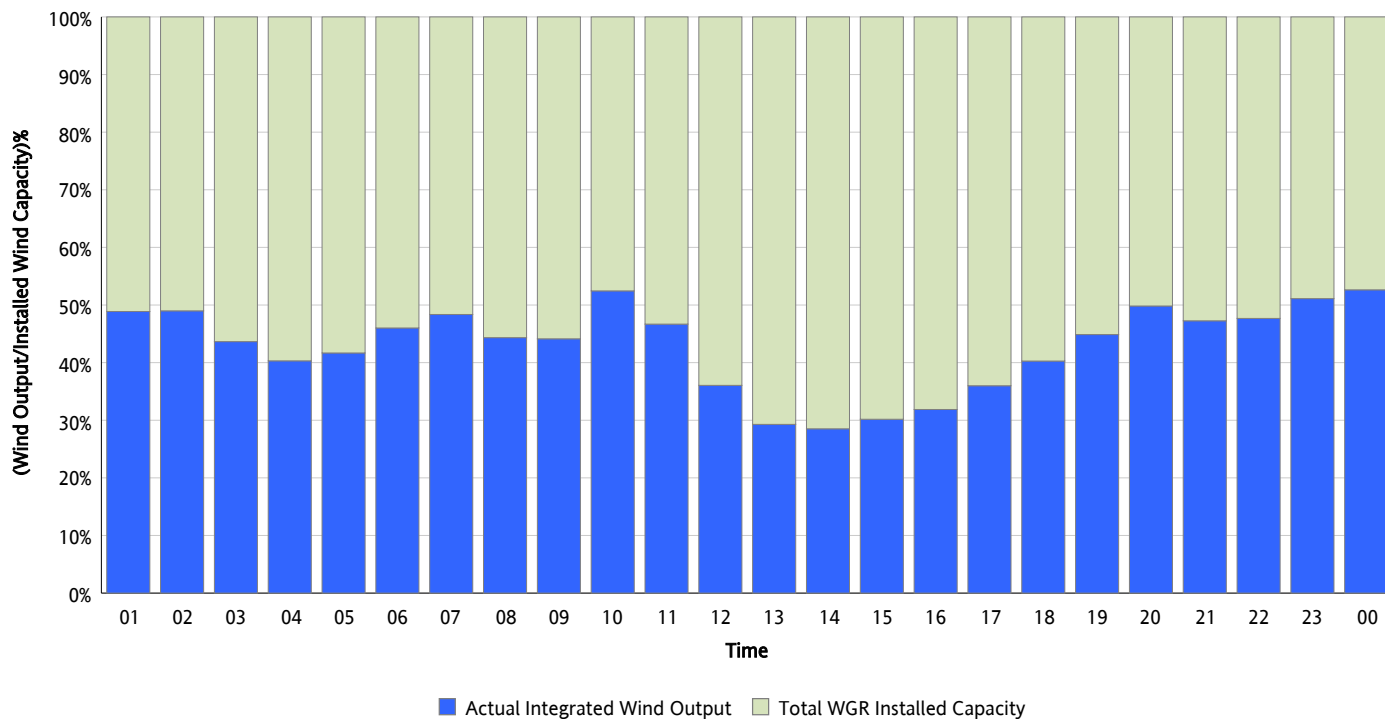
Hourly Average Actual Load vs. Actual Wind Output
07/23/2013



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

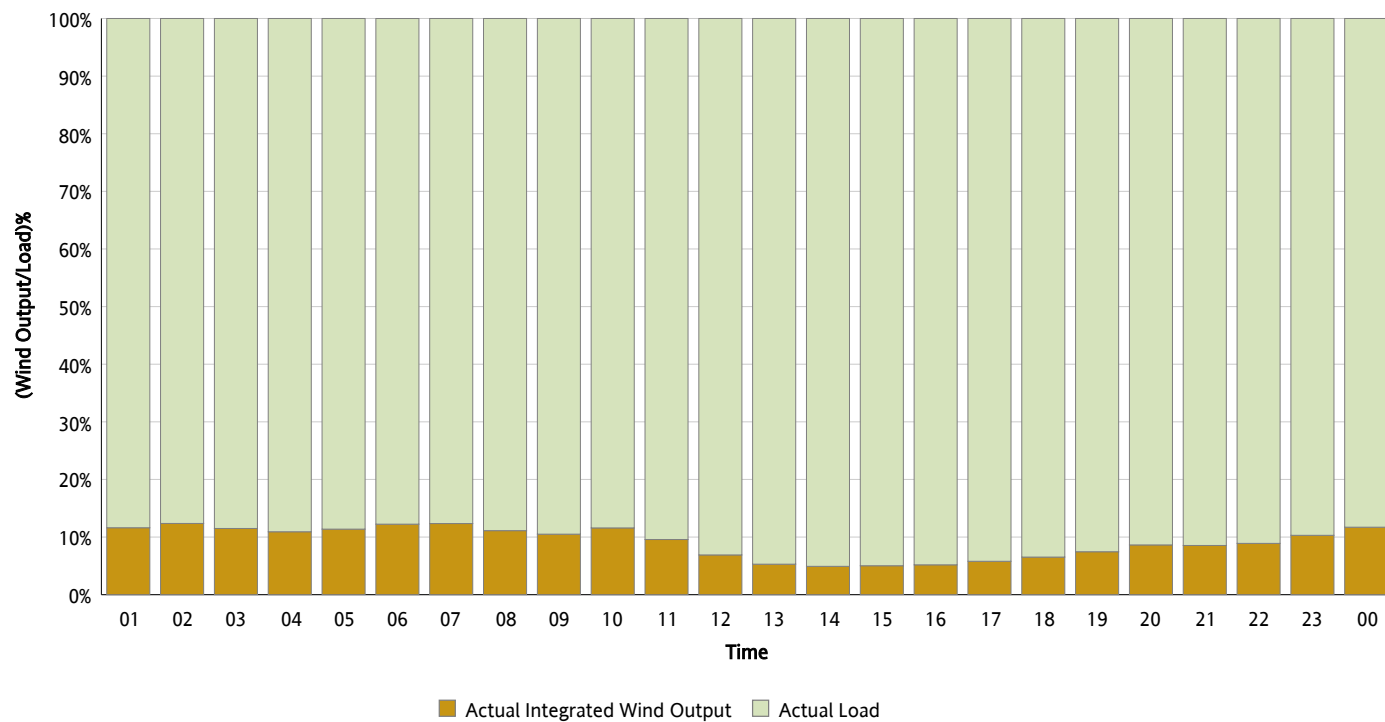
Actual Wind Output as a Percentage of the Total Installed Wind Capacity

07/23/2013



Actual Wind Output as a Percentage of the ERCOT Load

07/23/2013



ERCOT Load vs. Actual Wind Output

07/16/2013 - 07/23/2013

