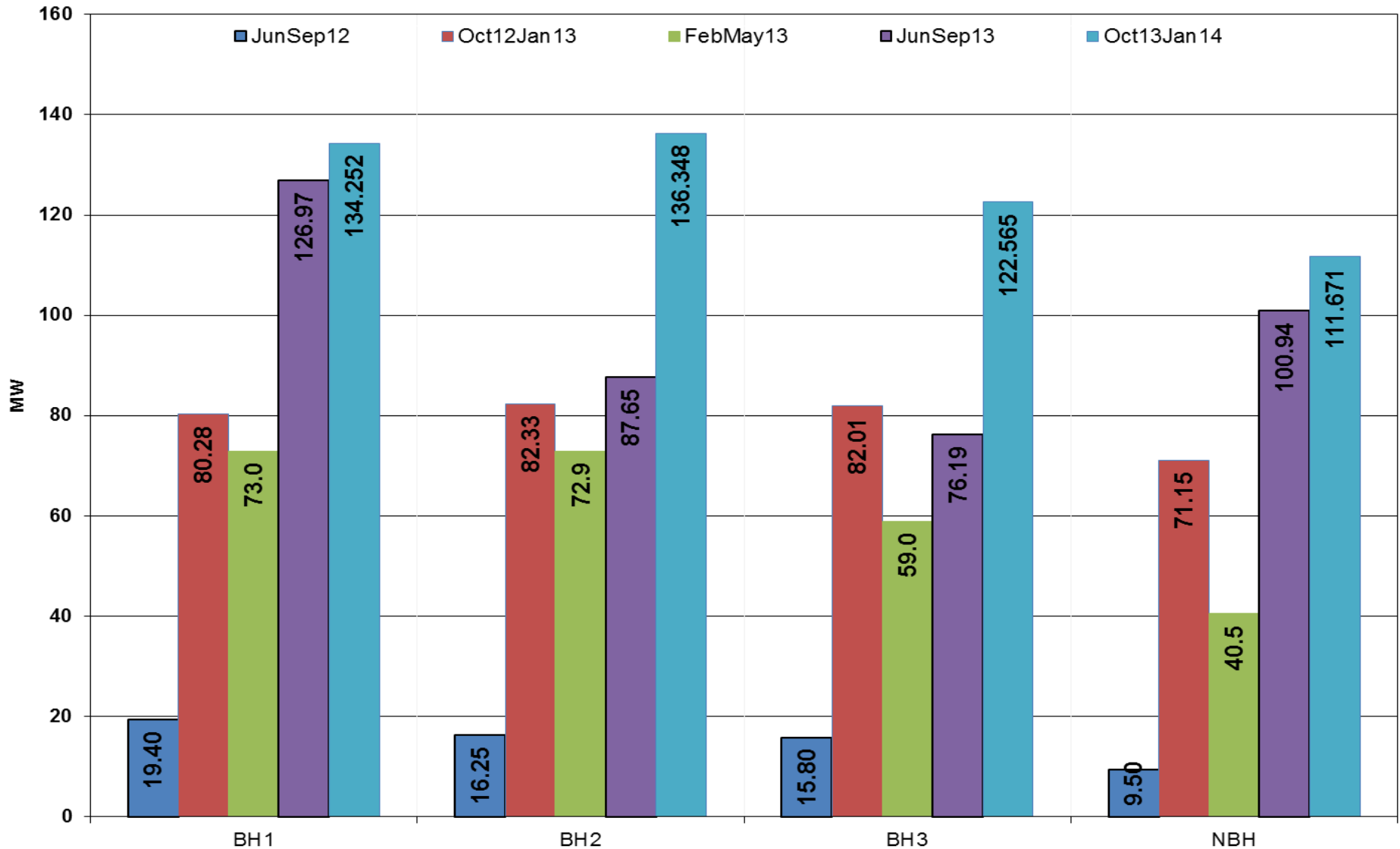




ERCOT 30-Minute Emergency Response Service Pilot Project Final Report

**Mark Patterson, ERCOT
Technical Advisory Committee
March 27, 2014**

30-Minute ERS Pilot Project Capacity Procured



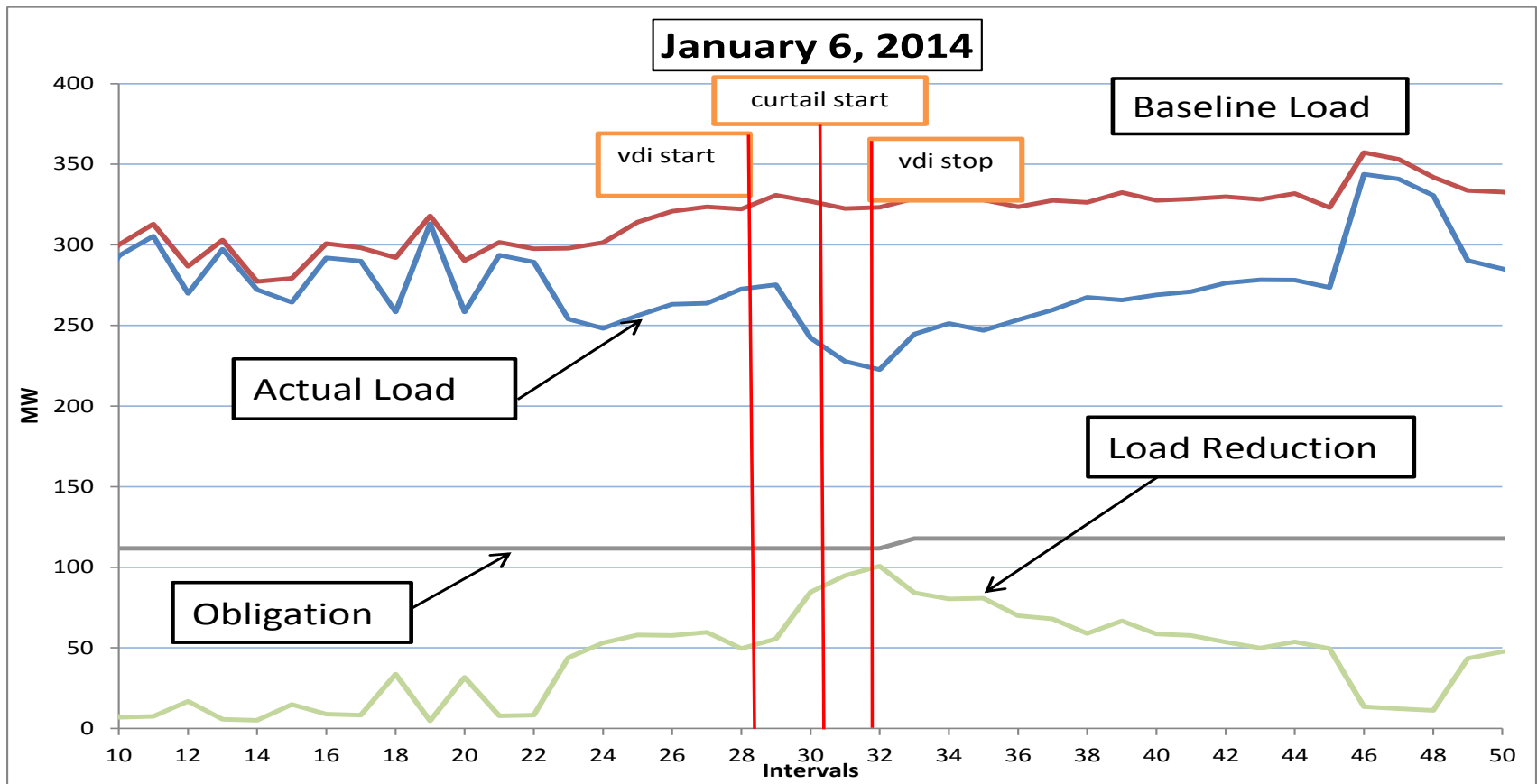
30-Minute ERS Pilot Project Cost

Contract Period	30M projected cost	30M adjusted cost	30M final % of original
JunSep12	\$ 282,250.80	\$276,595.11	98.0%
Oct12Jan13	\$ 1,860,517.74	\$ 1,761,456.79	94.7%
Total 2012	\$ 2,142,768.54	\$ 2,038,051.90	95.1%
FebMay13	\$ 1,167,837.48	\$ 935,424.53	80.1%
JunSep13	\$ 3,341,890.44	\$ 2,880,079.83	86.2%
Oct13Jan14	\$ 2,843,145.09	Not Avail	Not Avail
Total 2013	\$ 7,352,873.01	Not Avail	Not Avail

January 6, 2014 ERS Deployment Timeline

7:03:26	VDI - Deploy ERS-30	All ERS 30 Minute Resources were issued a verbal deployment instruction simultaneously 111.671 MW
7:07:27	VDI - Deploy ERS-10	All ERS 10 Minute Resources were issued a verbal deployment instruction simultaneously 495.72 MW
7:53:16	VDI- Recall both ERS-10 and 30	All ERS 10 Minute and 30 Minute Resources were issued verbal recall instruction simultaneously

January 6, 2014 Deployment Event



- Graph is based on 15-minute interval data.
- Performance is based on a prorated obligation for the 1st partial interval only (11.57 minutes) therefore prorated obligation for 1st partial interval was 86.11 MW