



November 2007 Grid Operations Report

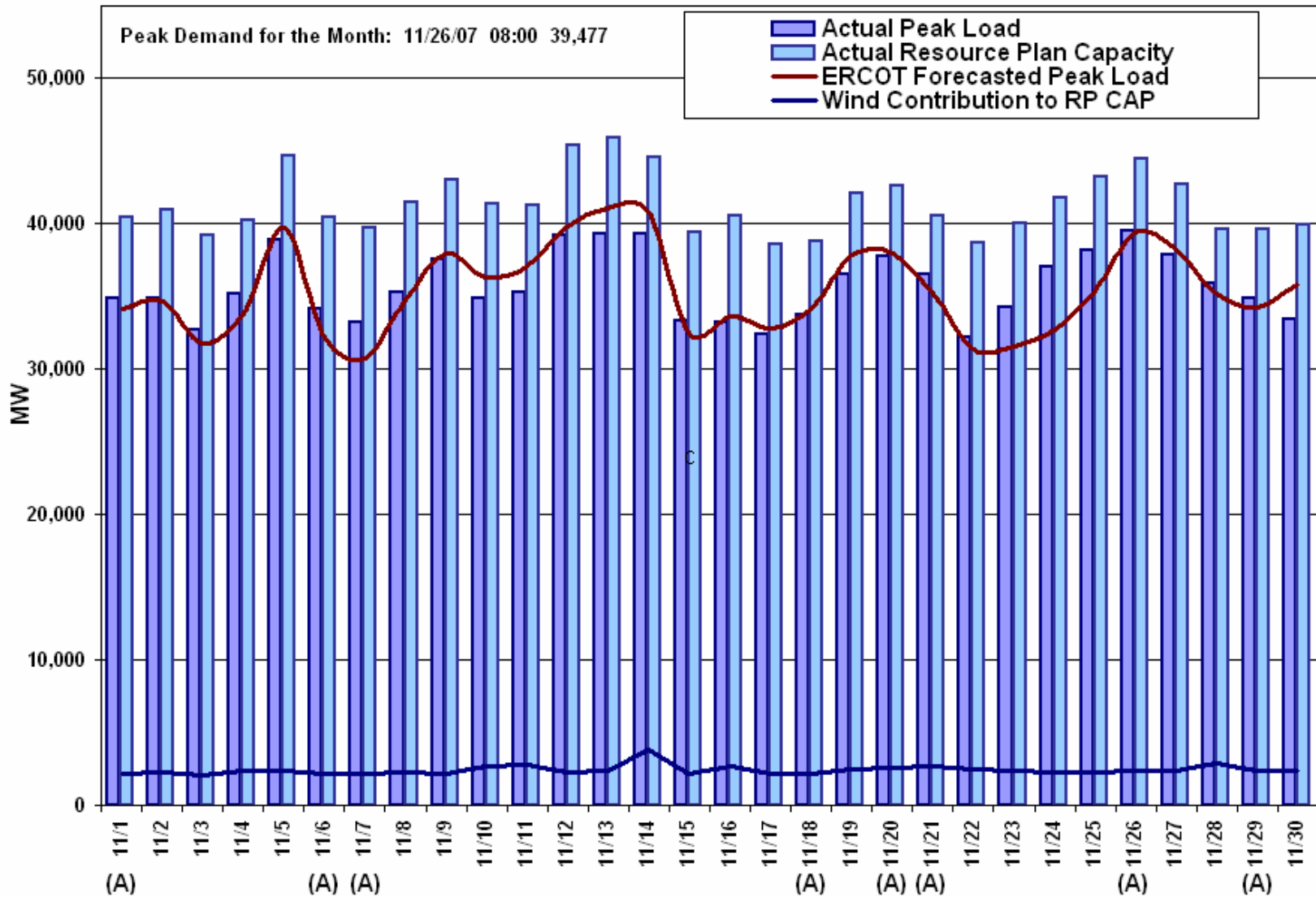
December 11, 2007

Content

- **Peak Demands: Actual vs. Forecast**
On-line Resources: Total at Peak and Wind
- **Load Forecast Performance**
- **Out of Merit Capacity Order (OOMC) &
Reliability Must Run (RMR) Purchases**
- **Zonal Congestion**
- **Significant System Incidents**
- **Advisories, Alerts and EECPs**
- **Other Items**

Daily Peak Demands: Hourly Average Actual vs Forecast

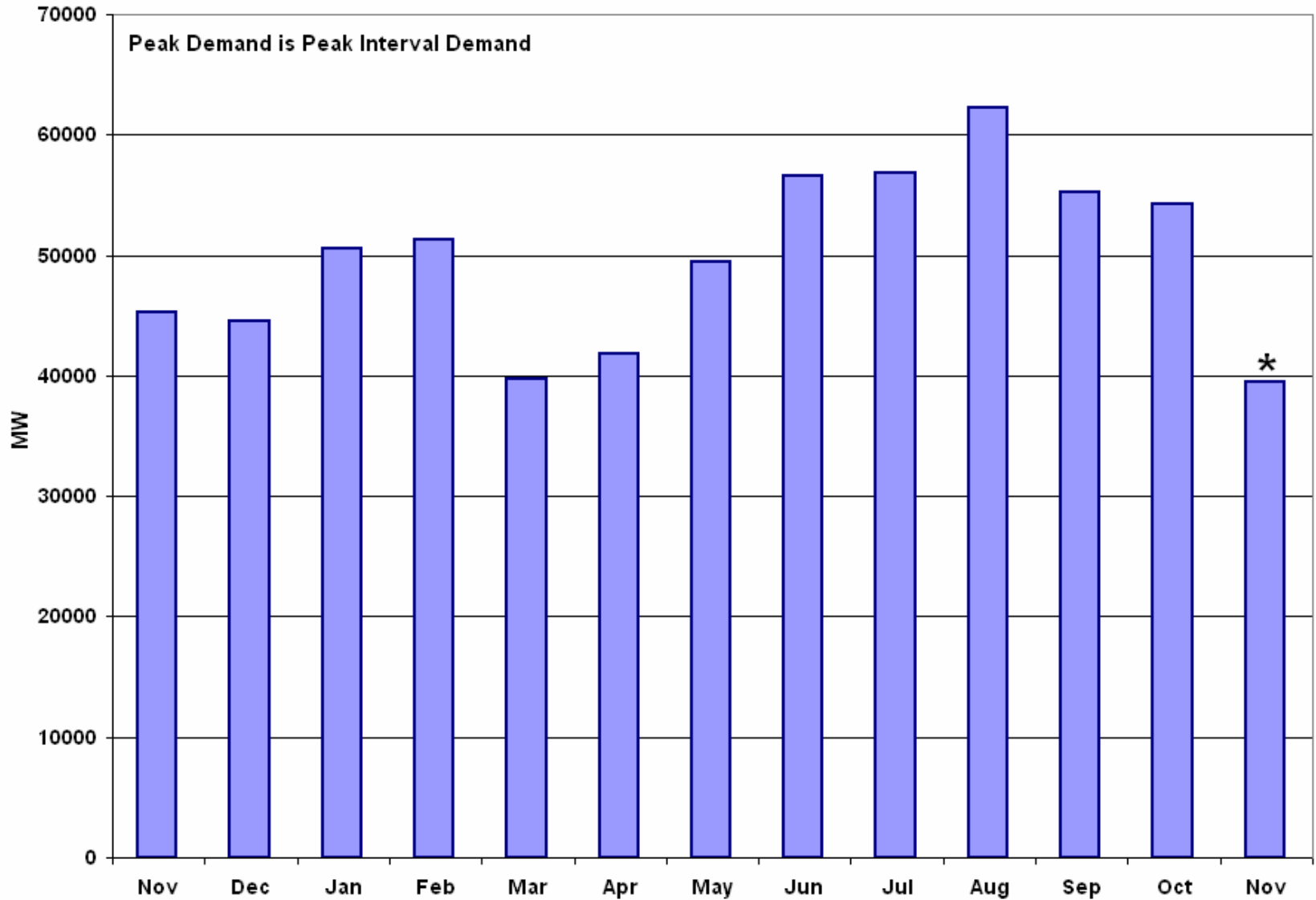
Resource Plan: On-line Capacity at Peak



Note: Preliminary data obtained from EMS hourly averages.

(A) Alert for Adjusted Responsive Reserve (ARR) issued this day.

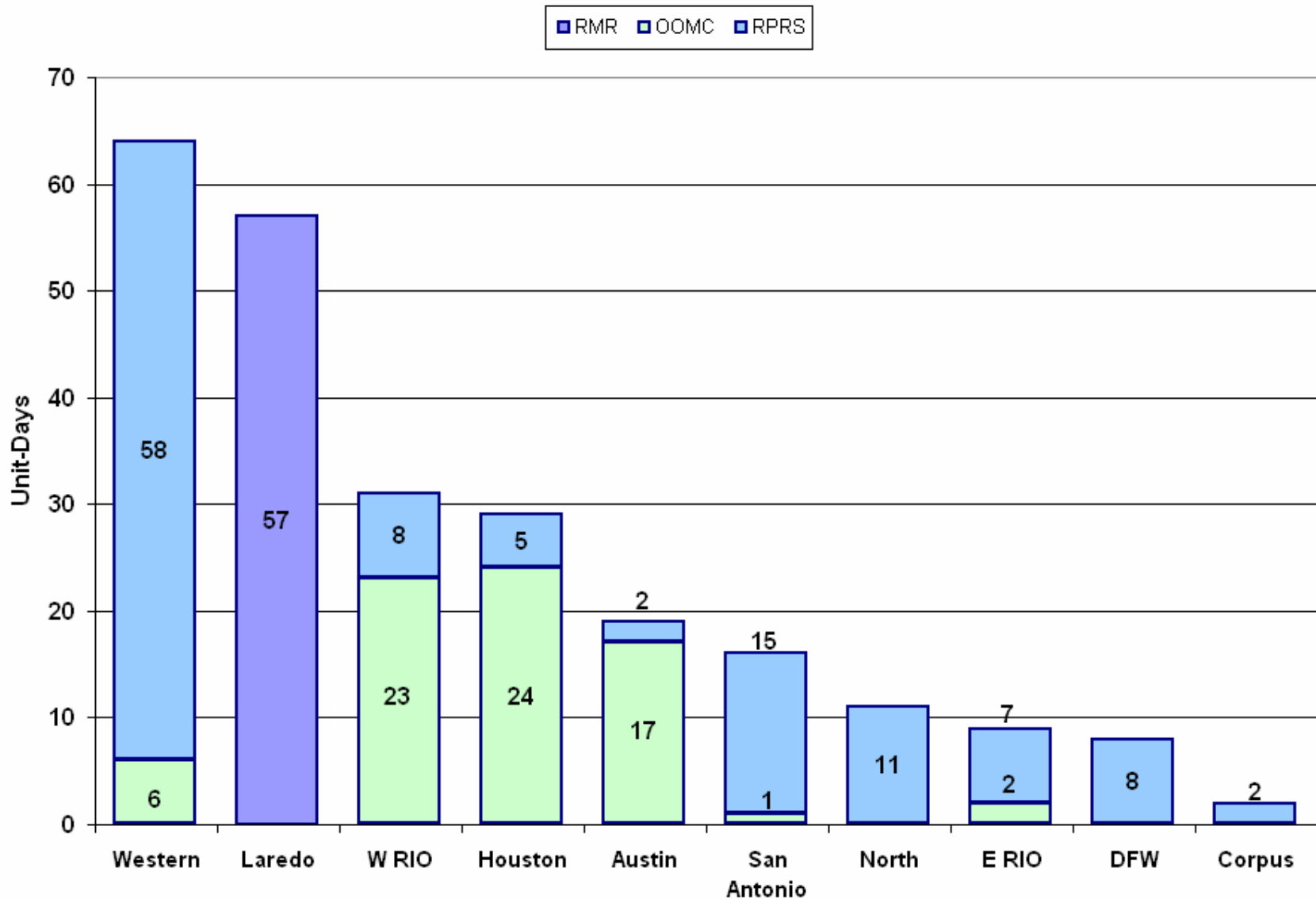
Monthly Peak Demands: Actual



Load Forecast Performance in November 2007

	Mean Absolute Percent Error (MAPE) for Mid-Term Load Forecast (MTLF) Run at 16:00 Day Ahead				
	2004 MAPE	2005 MAPE	2006 MAPE	2007 YTD MAPE	November 2007 MAPE
Average Annual MAPE	4.08	4.56	3.79	3.54	2.95

Capacity Purchases for RMR OOMC & RPRS to Manage Local Congestion in November 2007



Zonal Congestion

CSC	Nov 07 Days	Nov 06 Days	Last 12 Months Total Days
North – Houston	13 Nov – 1,2,3,4,5,6,7,8,9,10,11,12,13,14	0	76
South – Houston	0	22	77
North – West	1 Nov - 29	0	24
West – North	10 Nov – 5,6,7,10,14,16,19,21,27,28	0	26
South – North	1 Nov - 15	0	12

- **November 3**

- Implemented Temporary Outage Action Plan (TOAP) requiring 40 MW load shed at 23:10 in Corpus Christi area
 - TOAP prepared in the event a forced outage occurs during a planned outage and the only mitigating action to preserve system security is shedding load
 - Firm load shed at Airline, Laguna, Port Aransas, North Padre and Naval base area due to the loss of the Airline 138/69 kV Autotransformer #1 during the planned outage of the Airline 138/69 KV Autotransformer #2.
 - Load fully restored by 11/4 01:52
 - Relay Misoperation Report filed with ERCOT.

- **Advisories issued for Adjusted Responsive Reserve (ARR) below 3000 MW.**
 - Issued 26 Days.
- **Alerts issued for ARR below 2500 MW.**
 - Issued 8 Days.
- **Transmission Alerts (Operation above single contingency limits):**
 - Loss of Oklaunion – Bowman Switch 345 kV overloads Southwest Vernon 138/69 kV Autotransformer.
- **EECP**
 - Implemented EECP Step 1 November 29th at 06:48 to 08:15.
 - 3600 MW/hour Morning Load Pick Up
 - 1200 MW Total Wind Generation Drop from 04:00 to 08:00.
 - 344 MW Unit Trip at 6:36

- **November 3**
 - Issued a Market Notice for Day Ahead Ancillary Market close extended to 14:00. Ending of DST issues.
- **November 9**
 - Temperature Dependent Reserve Discount Factor (RDF) in production.
 - Held Interval 07:30 through 08:30. Real-Time Balancing Market failed to clear.
- **November 14**
 - ERCOT conducted a Winter Storm Drill with Market Participants.
- **November 29**
 - Held 09:45 Interval for CSC limit change.