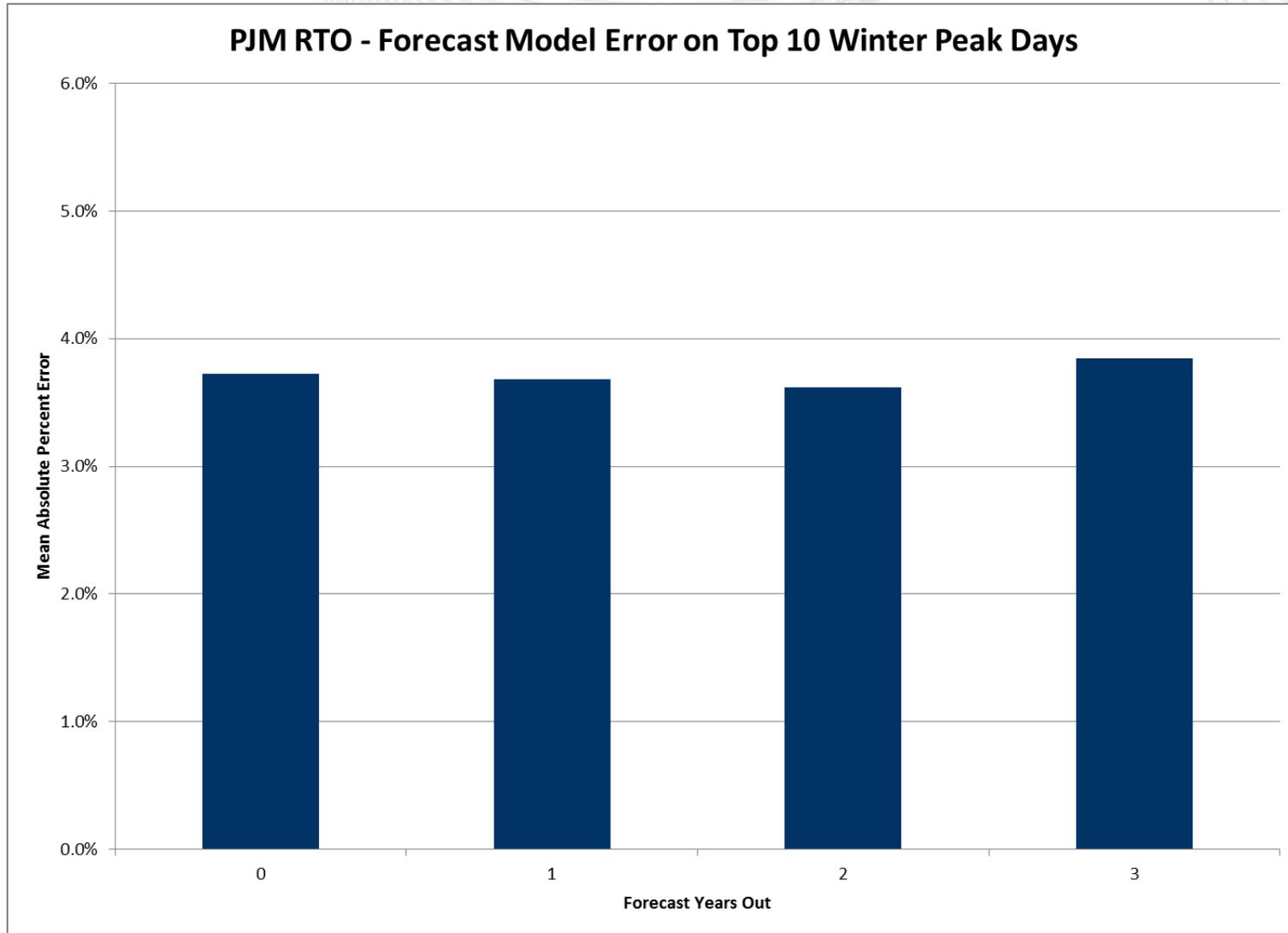




Winter Load Forecast Accuracy

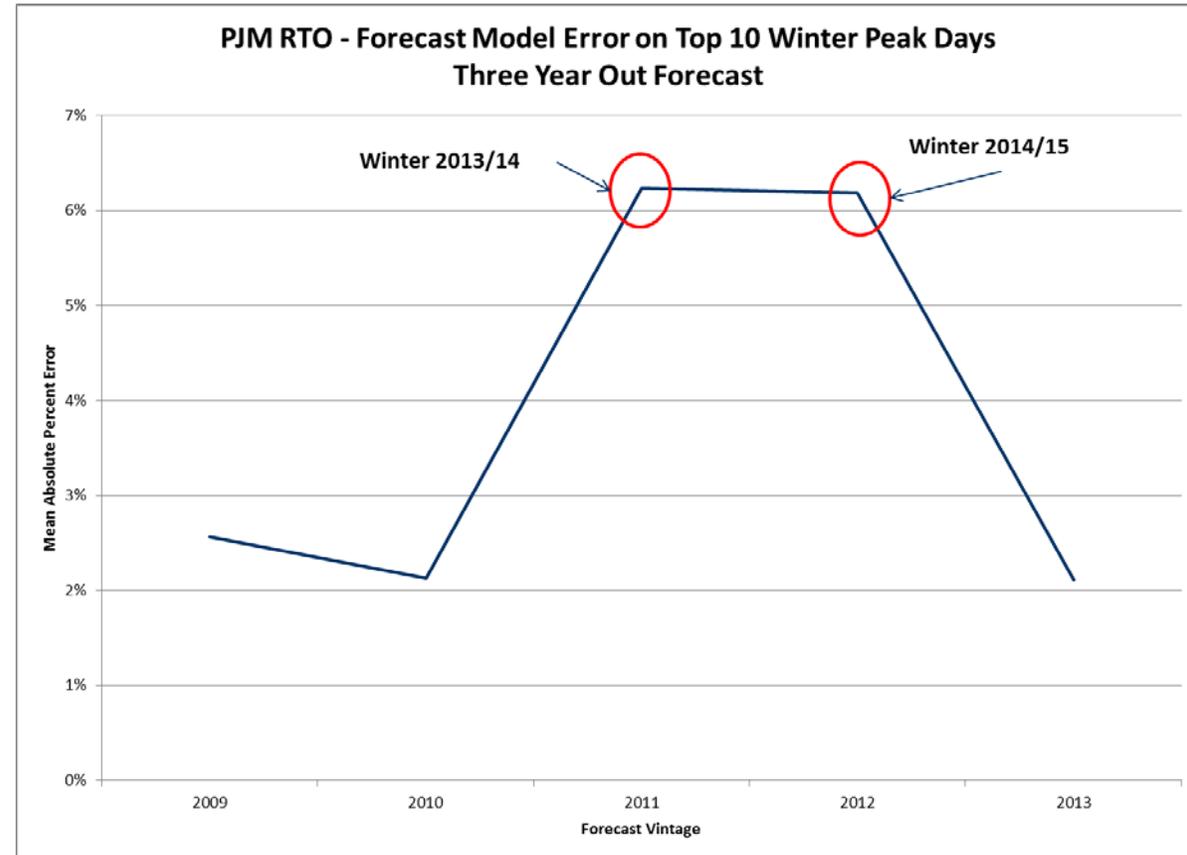
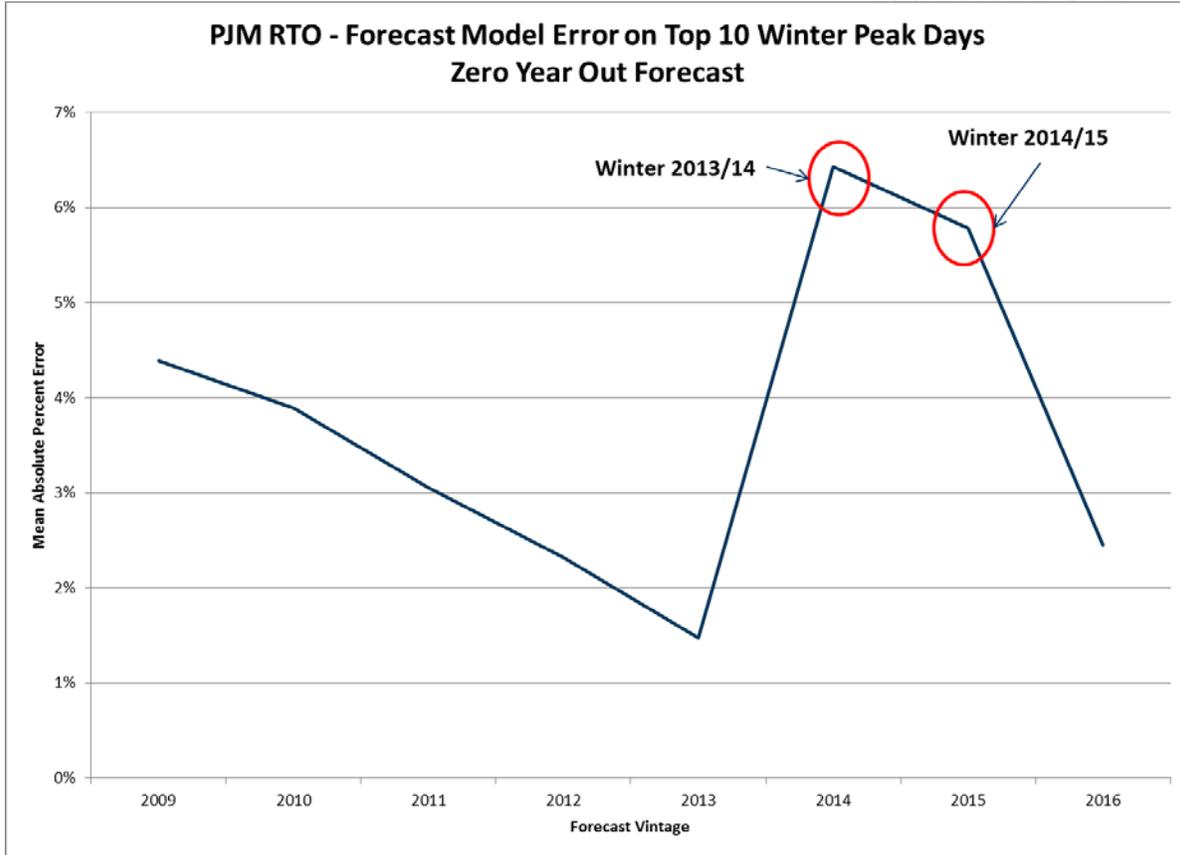
Tom Falin
Resource Adequacy Planning
Seasonal Capacity Resources Senior
Task Force
May 25, 2016

- Re-run forecasts using latest available data to isolate model accuracy
 - Forecast Vintages: 2009 through 2016
- Compare model predicted load with actual observed load on the 10 peak winter days for each season at 0, 1, 2, and 3 year out intervals
 - Zero year out is the Winter coinciding with the release of the forecast (e.g. the zero-year out forecast for the 2009 forecast vintage is the 2008/2009 Winter)



Accuracy Results – Mean Absolute Percent Error

Note: Winters of 2013/14 and 2014/15 saw extreme weather conditions (~97th percentile loads).



Accuracy Results – Percent Error

Each year has 10 blue dots – each dot represents one of the 10 CP days.

