

Minimum Oil Burn (MOB) Timeline Discussion

**Market Structure Working Group
November 21, 2006**

Agenda

- ◆ Issue Description
- ◆ Load Forecast Quality Review
- ◆ Proposed Activation Timeline
- ◆ Next Steps

Issue Description

- ◆ NYSRC reliability rules I-R3 requires select units to be switched to minimum oil burn at pre-defined forecasted system load thresholds during the summer and winter capability periods.
- ◆ At the Operating Committee meeting of November 9, 2006;
 - *Motion #2 passed approving the CE Winter 2006/2007 Loss of Gas study and the identification of the Winter Capability period criteria as:*
 - “During the Winter Capability Period, at electric system loads above 7500MW, two of the three 138kv Astoria generators (units 3, 4, 5) must be switched to minimum oil burn.”
 - *Market Participant concerns were raised with respect to the timing and transparency of the event initiation and resource selection and compensation for providing the service.*

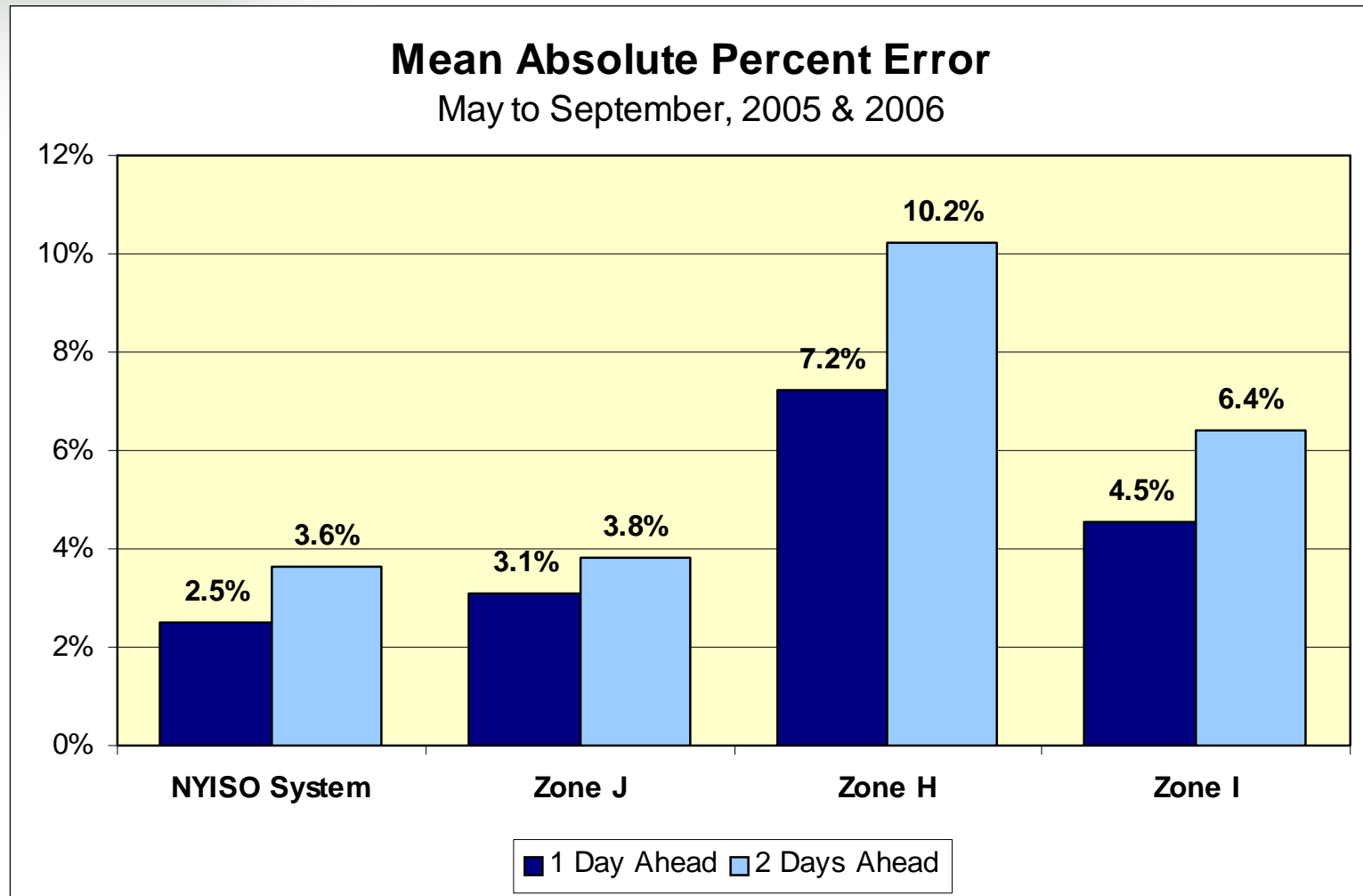
Issue Description

- ◆ Today Discussion:
 - *To review a proposed MOB activation timeline and forecasts that are available to enhance market transparency*
- ◆ Future Discussion:
 - *Review strawman on resource compensation for supplying MOB service*

Load Forecast Review

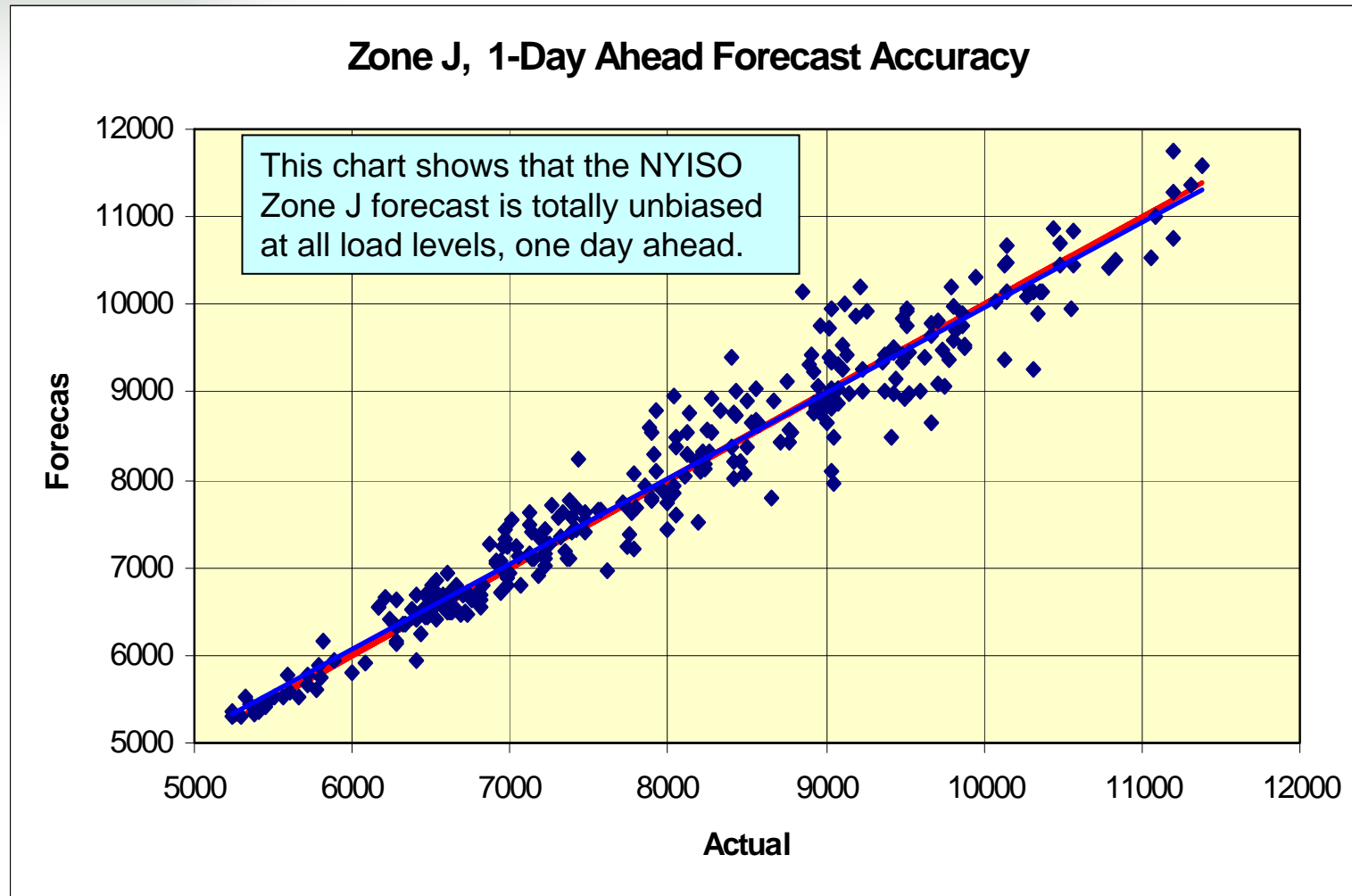
- ◆ NYISO developed Load Forecasts
 - *Forecasts produced each morning for a seven day time period for each LBMP zone*
 - *Forecasts posted at 08:00 each day for following day forward*
 - In-day forecast not currently posted
 - *Zone J (N.Y.C) incorporates the territory identified in ConEd LOG study constrained by contingency*
 - *Recommend establishing Zone J equivalent thresholds to reflect ConEd service territory loads currently used in I-R3*

Load Forecast Review - Summer



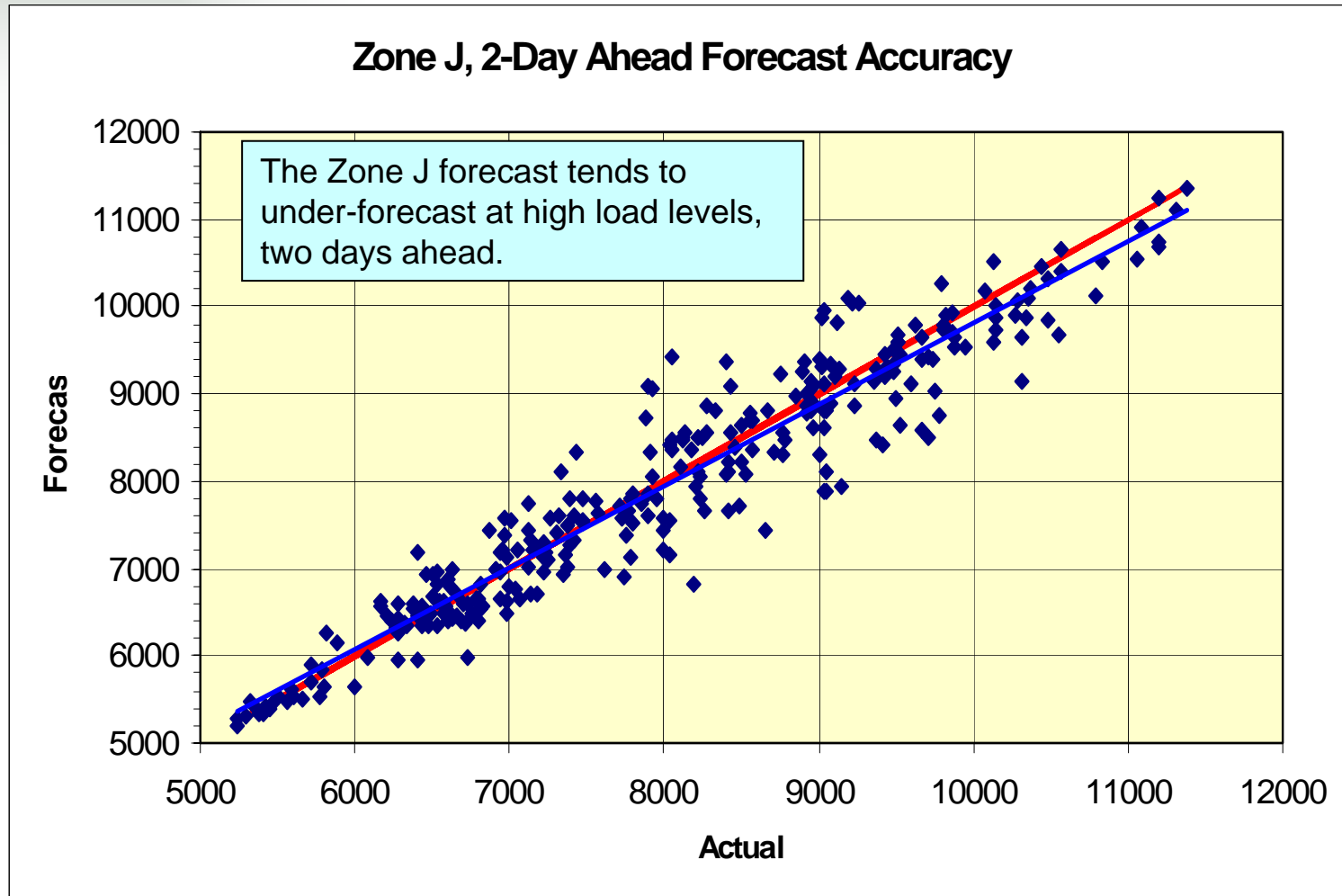
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Load Forecast Review - Summer



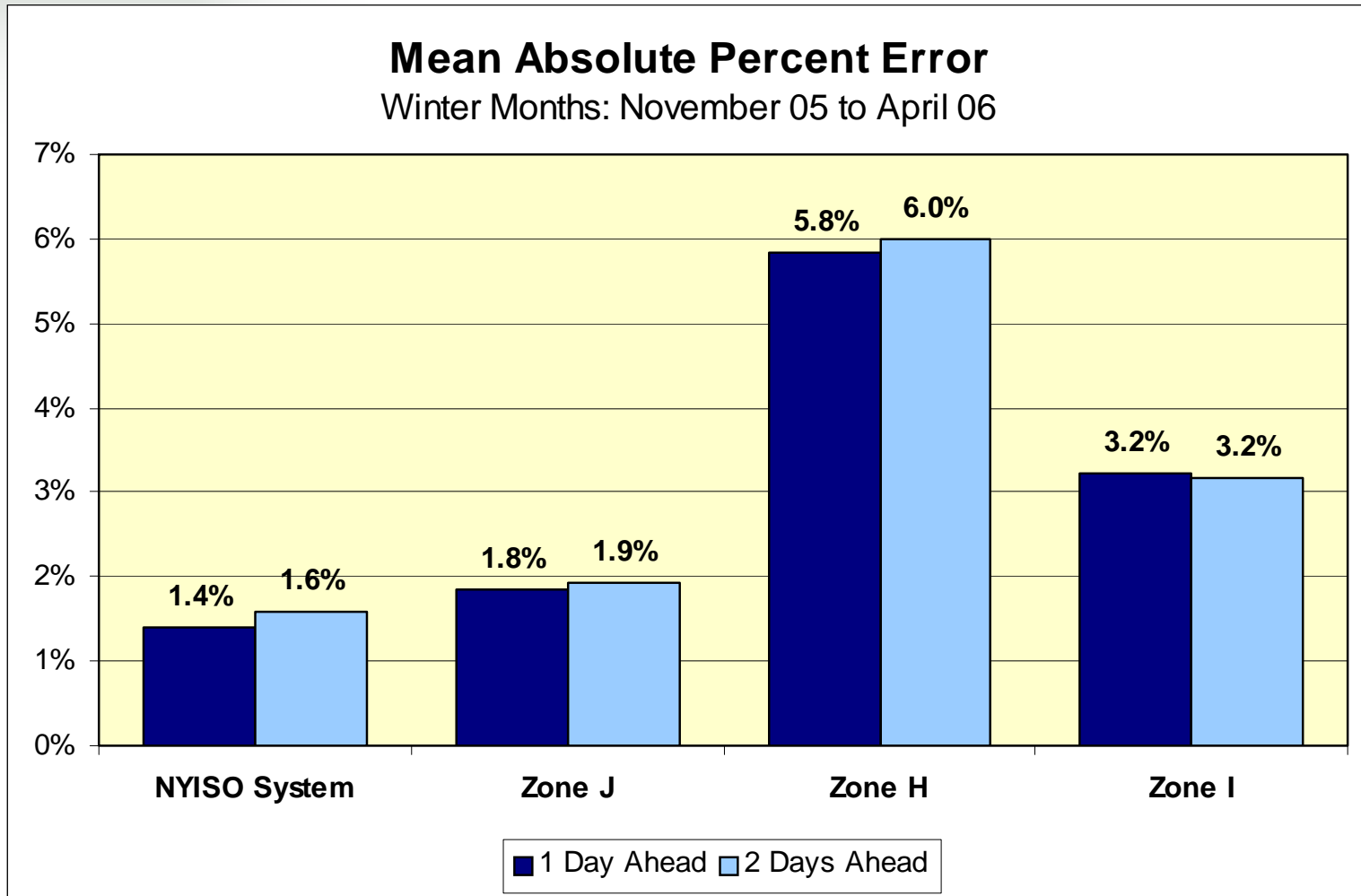
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Load Forecast Review - Summer



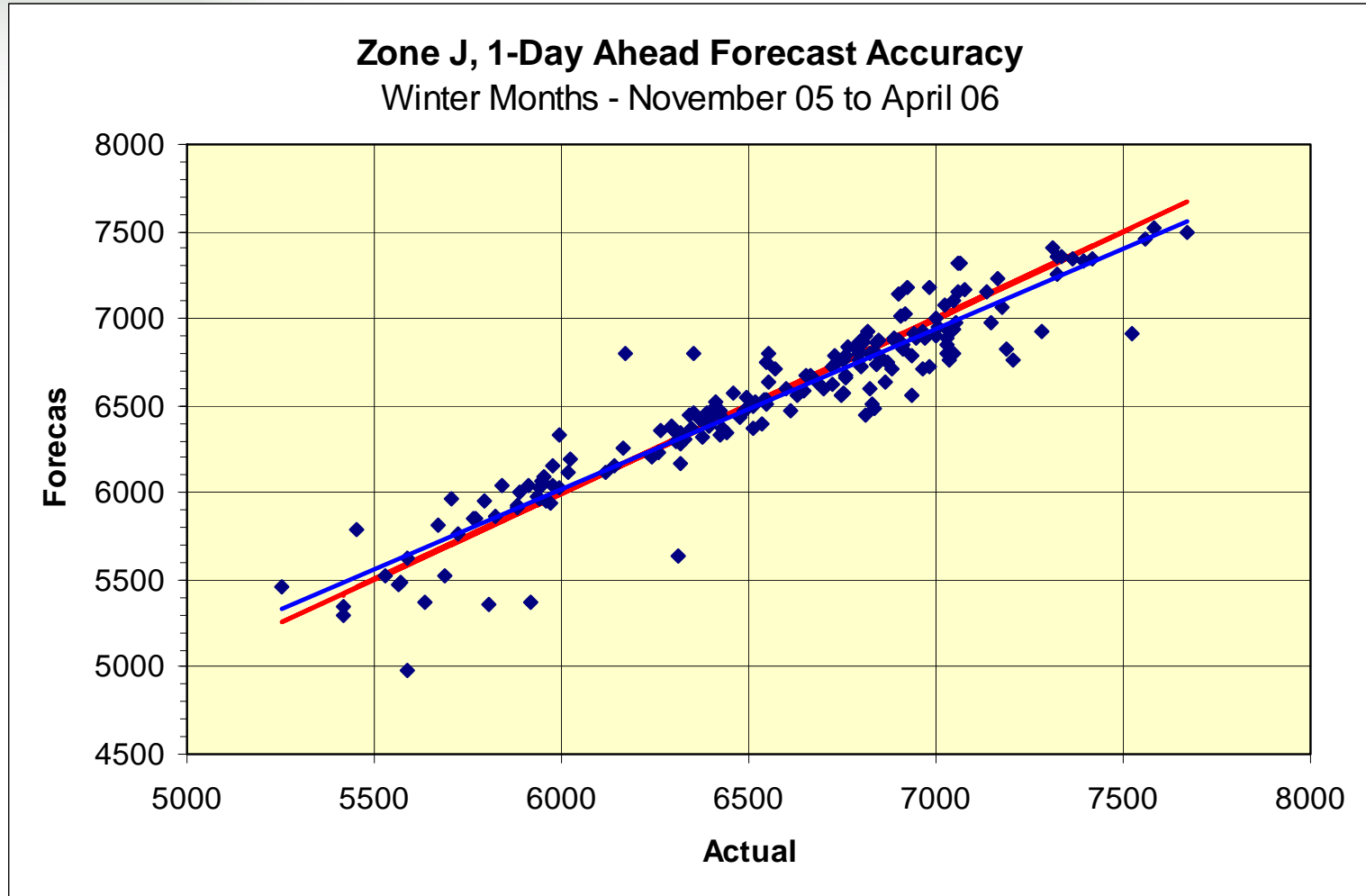
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Load Forecast Review - Winter



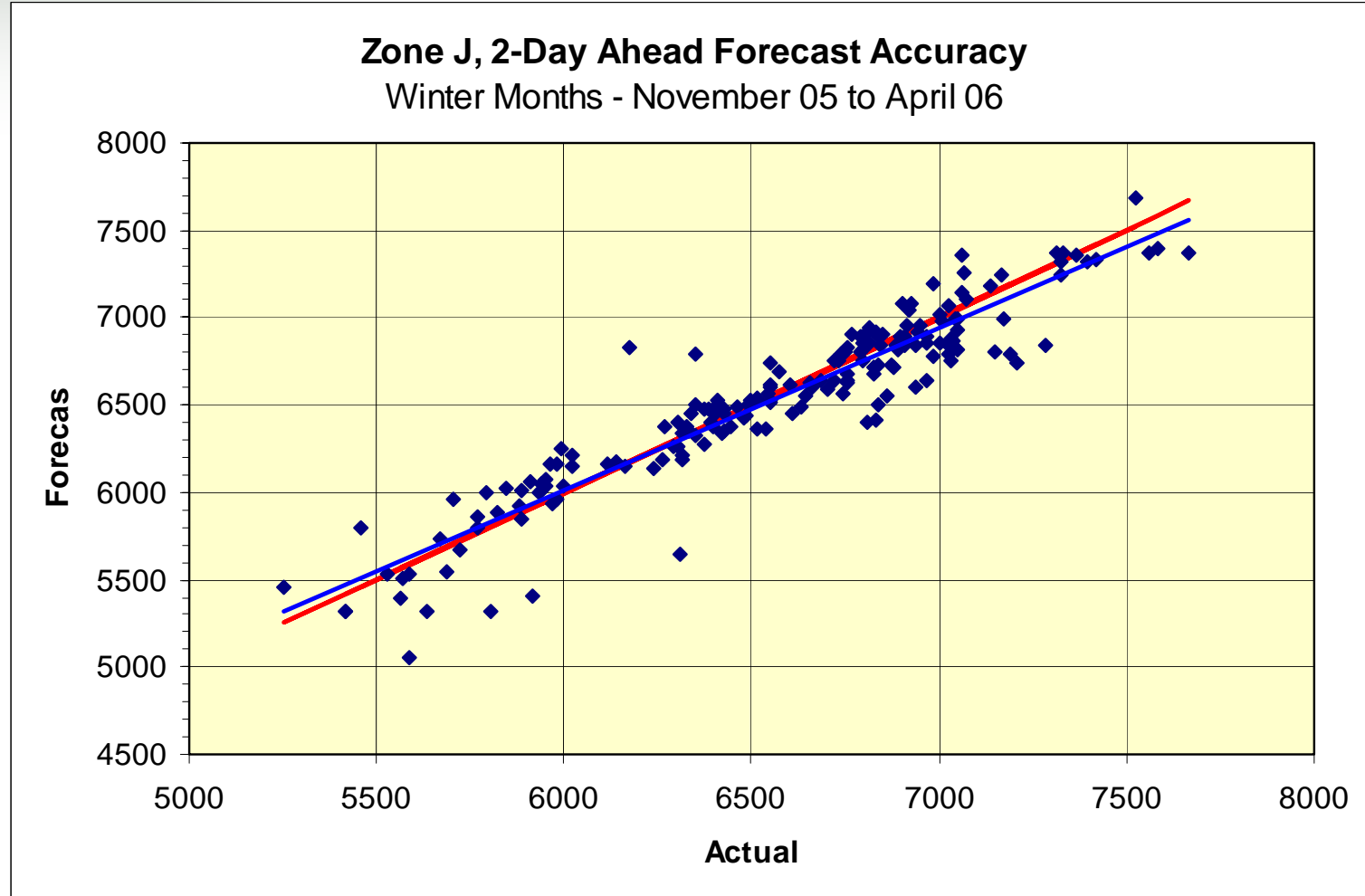
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Load Forecast Review - Winter



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Load Forecast Review - Winter



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Proposed Activation Timeline

- ◆ Activities in preparation for Market Day 0:
 - *Day -2 @08:00*
 - NYISO publishes ISO Load Forecast on NYISO web site for Day -1 thru Day +4
 - *Day -2 @08:00 – 11:00*
 - NYISO/ConEd review and confirm forecast data for Day 0
 - *Day -2 @11:00*
 - ConEd requests MOB for Day 0. NYISO reviews and grants request, issues Operational Announcement. ConEd notifies generation facilities.
 - *Day -2 @16:00*
 - NYISO completes DAM reference price adjustments for Day 0

Proposed Activation Timeline

- ◆ Activities in anticipation of a minimum oil burn condition on Day 0:
 - *Day -1 @05:00*
 - NYISO closes DAM for market day 0
 - *Day -1 @08:00*
 - NYISO publishes ISO Load Forecast on NYISO web site for Day 0 thru Day +5
 - *Day -1 @08:00 – 11:00*
 - NYISO/ConEd review and confirm forecast data for Day 0
 - *Day -1 @11:00*
 - ConEd requests MOB for Day 0. NYISO reviews and grants request, issues Operational Announcement. ConEd notifies generation facilities.
 - *Day -1 @22:00*
 - NYISO completes HAM reference price adjustments for Day 0

Proposed Activation Timeline

- ◆ Activities in anticipation of a minimum oil burn condition on Day 0:
 - *Day 0 @00:00*
 - Market Day 0 begins.
 - *Day 0 @04:00*
 - ConEd notifies NYISO and generation facilities of MOB conditions for Day 0.
 - *Day 0 @T-3 hours*
 - ConEd confirms MOB on identified units
 - *Day 0 @T*
 - MOB conditions reached.

Next Steps

- ◆ Establish mutually agreeable minimum oil burn thresholds consistent with published NYISO load forecasts.
- ◆ Review need to enhance load forecasting posting process to deliver in-day load forecast results to OASIS.

Future Discussion

- ◆ Review compensation to resources for providing service.