Review of High Balancing and Operating Reserve (BOR)

Energy Market Uplift
September 17, 2013
January 26, 2013 (Saturday)
  - Biggest hitters $1,433,228
January 27, 2013 (Sunday)
  - Biggest hitters $2,161,439
Load was in the 107,000 range
Both days
  - Local Contingency
  - Local Voltage Support
BOR Credits/Charges

• April 2, 2013 (Tuesday)
  – Biggest hitters $774,490
• April 3, 2013 (Wednesday)
  – Biggest hitters $1,926,173
• Load was in the 100,000 range
• Both days
  – Two different transformer outages
  – Local Contingencies
BOR Credit/Charge Factors

• High Economic Minimums
  – Relieved constraints
  – Set price for only a few intervals

• Minimum Down Times contribute

• Balancing and Operating Reserve Cost Allocation (BORCA) chart
  – Combination of RTO and East Deviations
BOR Credit/Charge Factors

- High load does not necessarily equate to high BOR
- Issues were related to local constraints
- Problems were masked by high economic minimums