

Market Monitor Report

MC Webinar
April 21, 2014

Joe Bowring

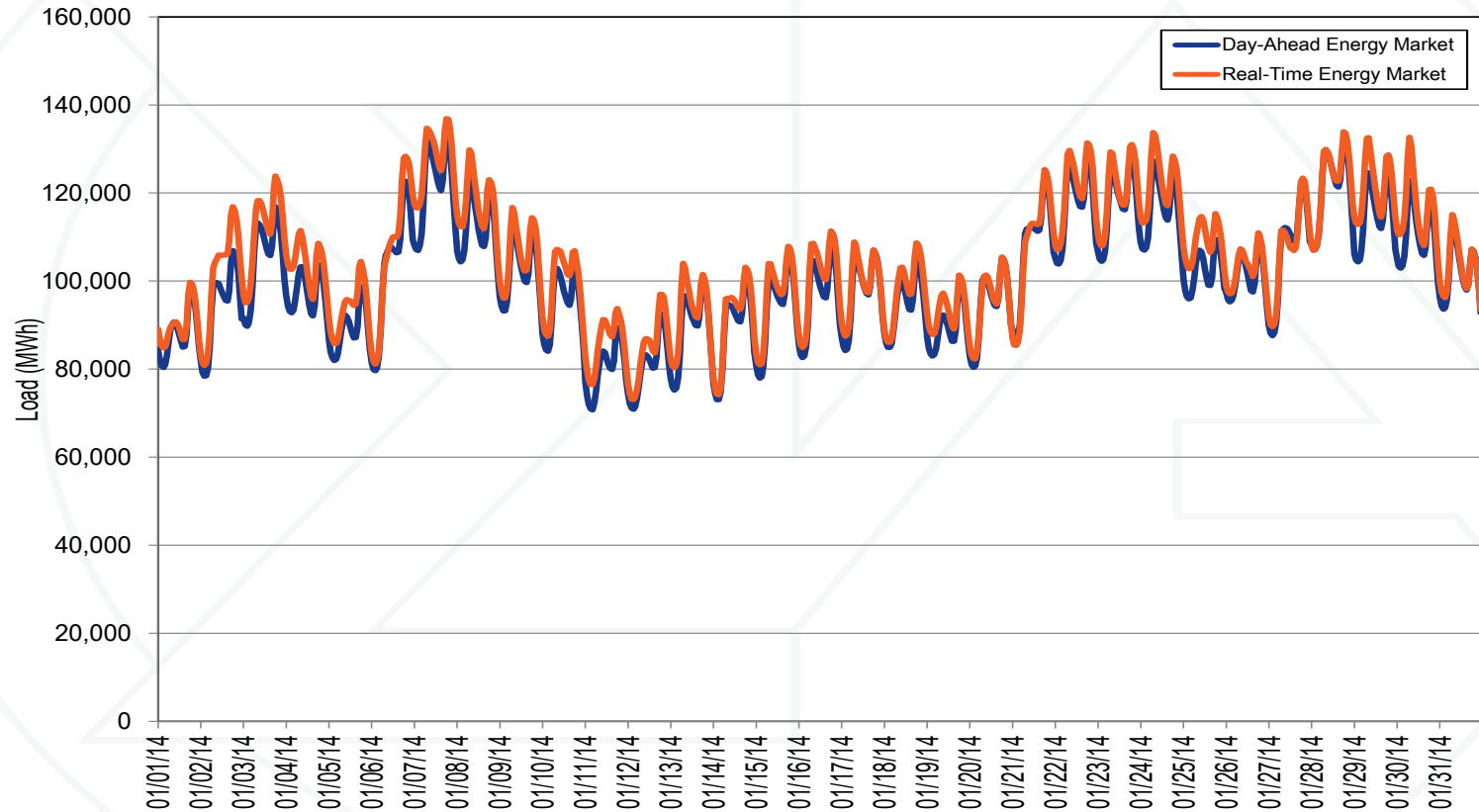


Monitoring Analytics

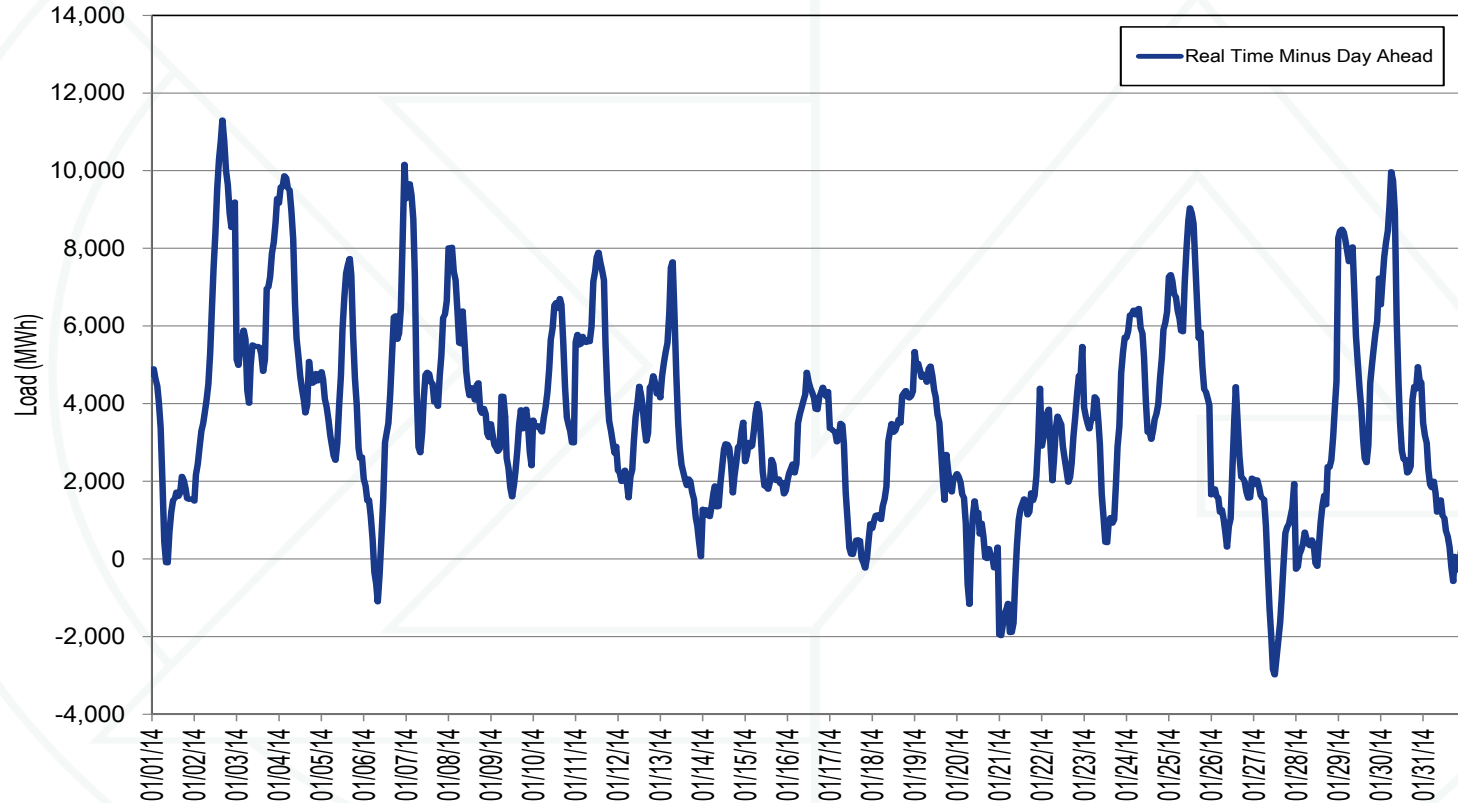
Winter review ongoing

- **MMU reviewing most offers from gas-fired units**
 - **Checking compliance with PJM rules**
 - **Checking compliance with fuel policies**
- **MMU reviewing all outages**
 - **Checking compliance with PJM rules**
- **MMU checking waiver requests for pre January 24**
- **MMU checking cost-based offers greater than \$1,000 per MWh post FERC order**

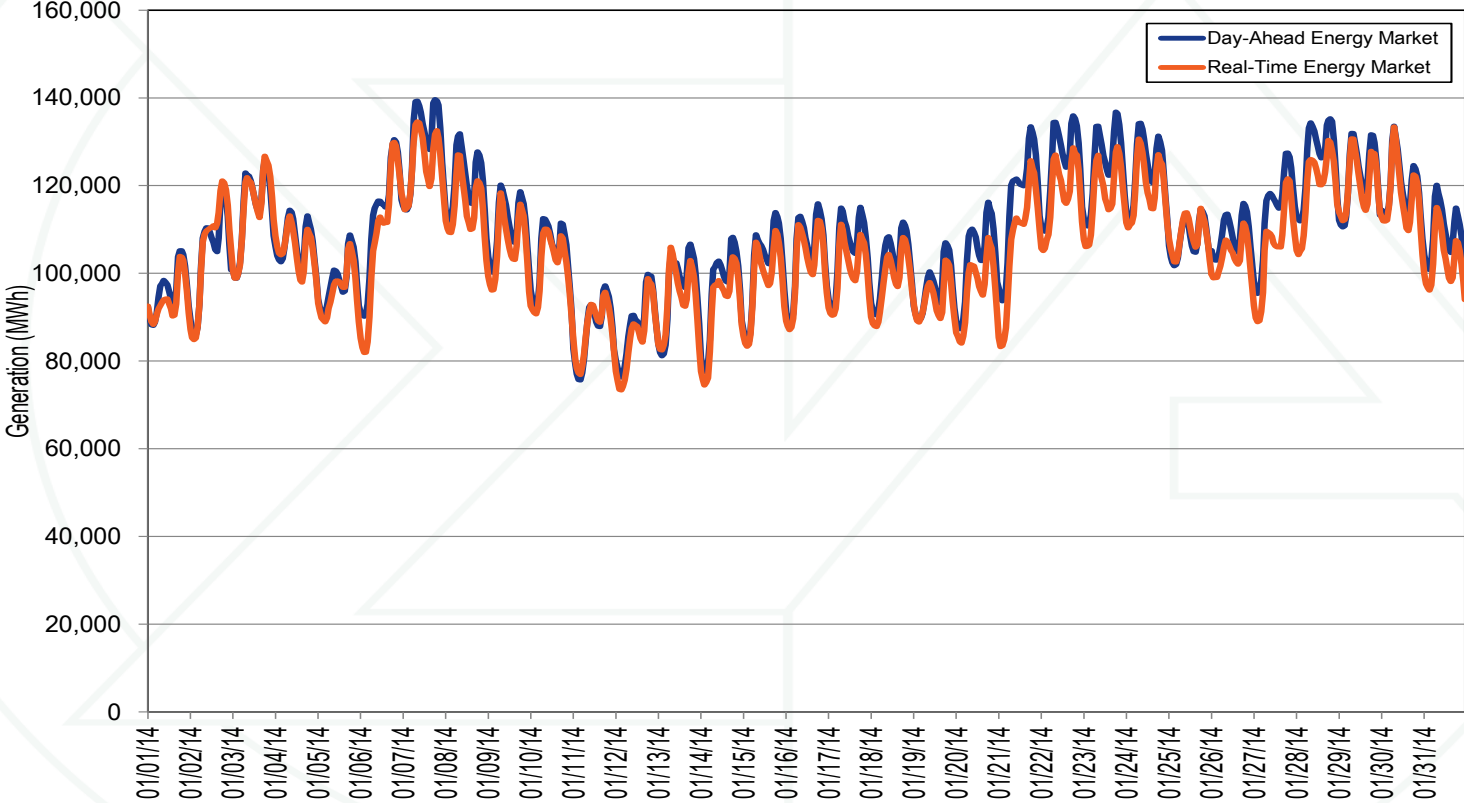
Hourly Day- Ahead and Real - Time Load: January 2014



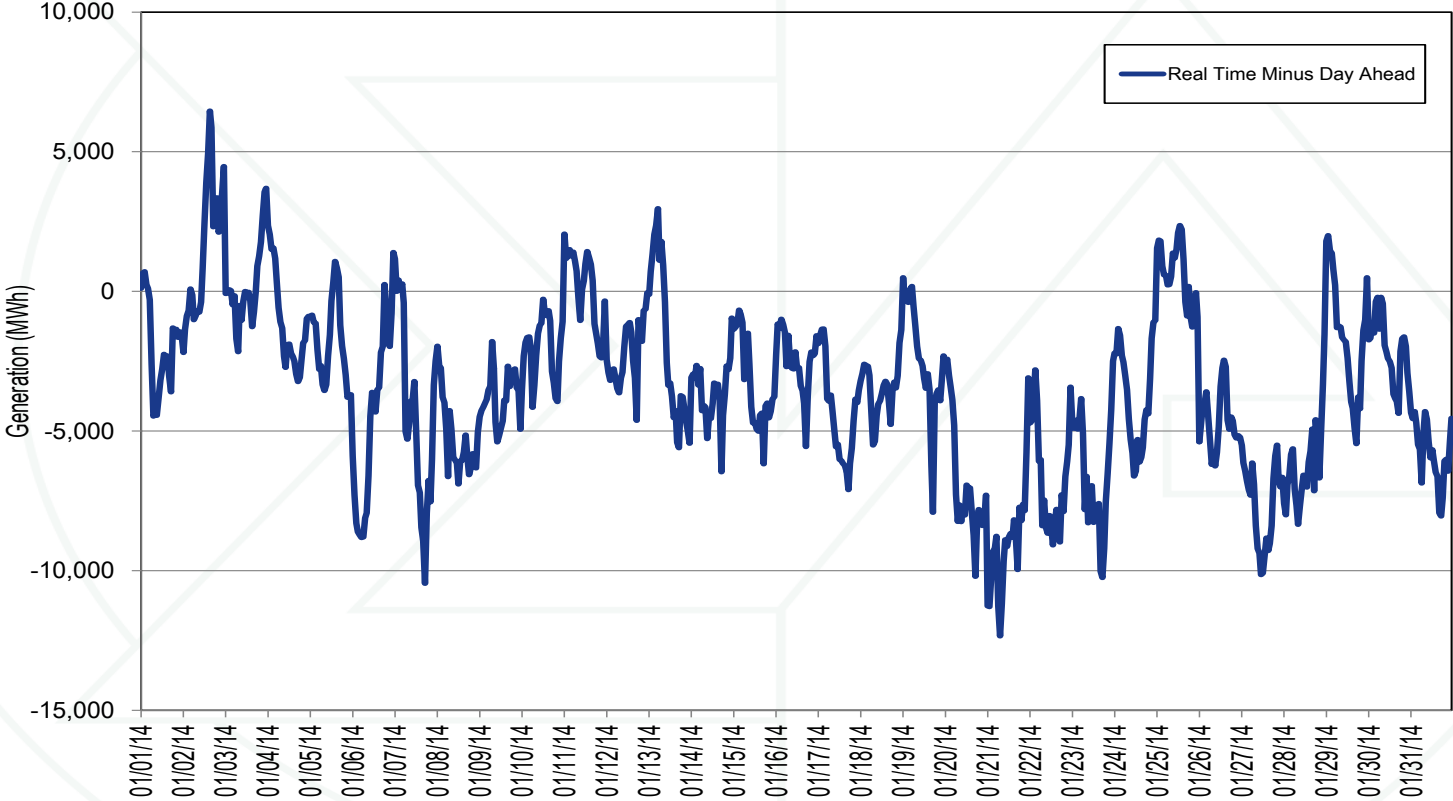
Hourly Real-Time Minus Day-Ahead Load: January 2014



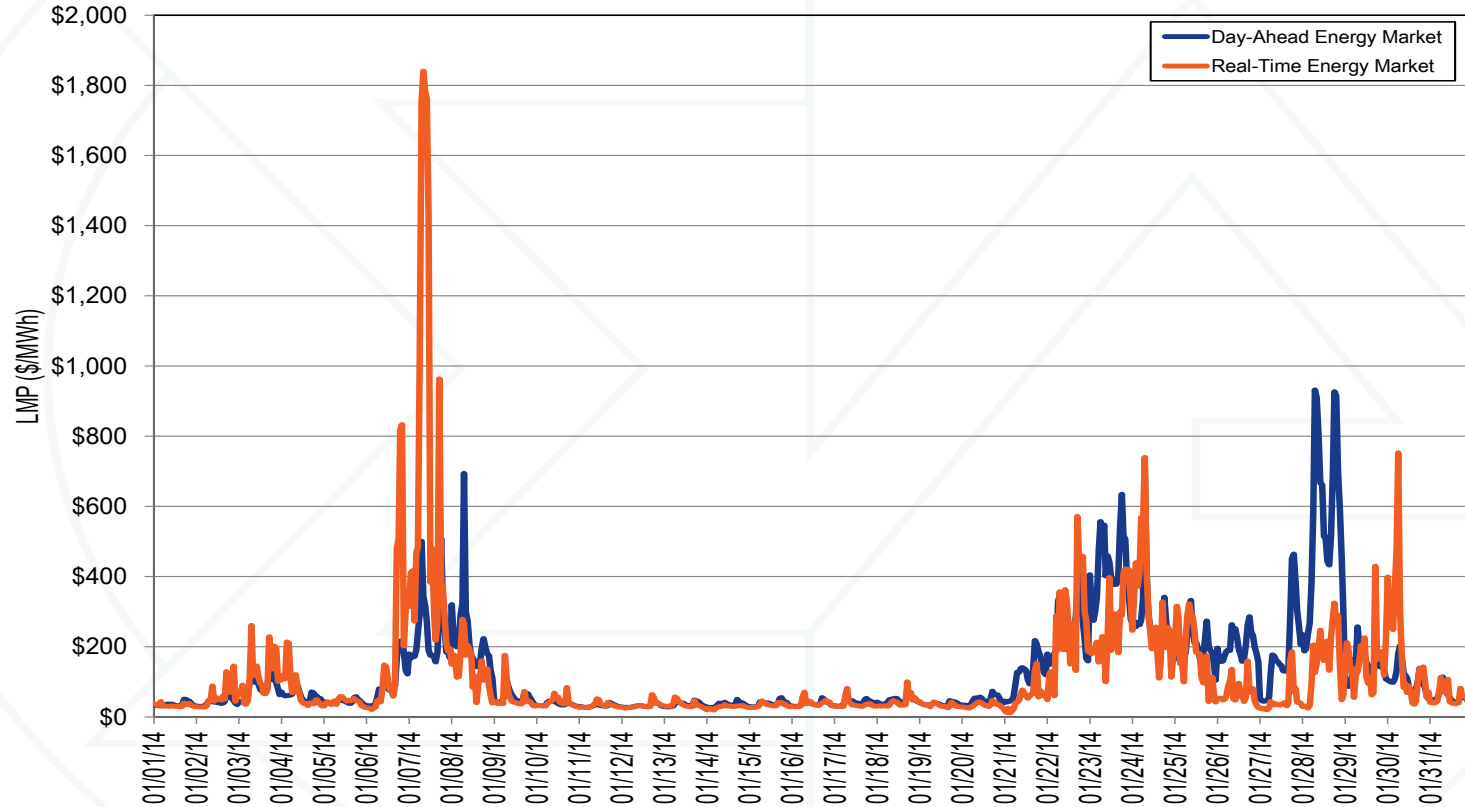
Hourly Day-Ahead and Real-Time Generation: January 2014



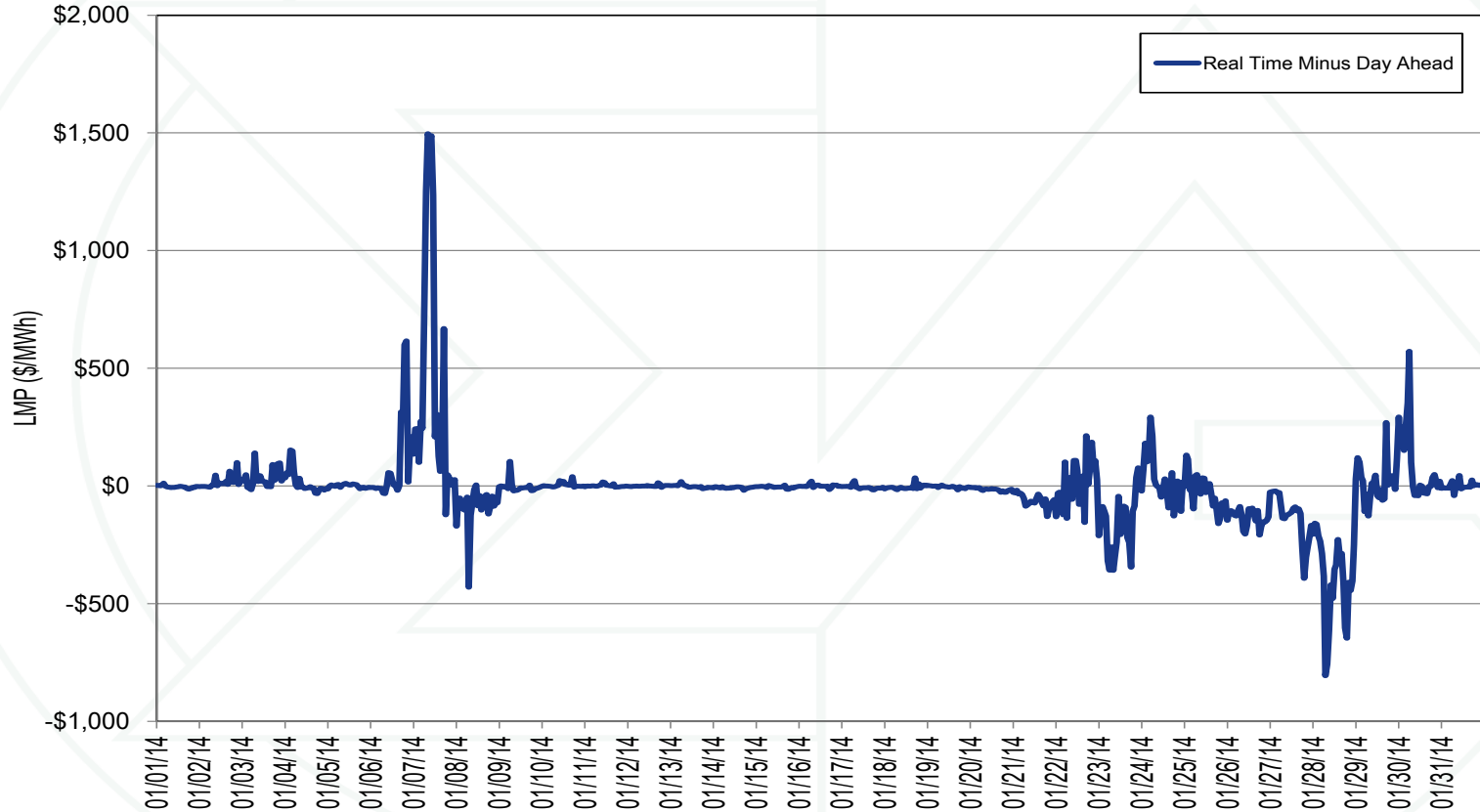
Hourly Real-Time Minus Day-Ahead Generation: January 2014



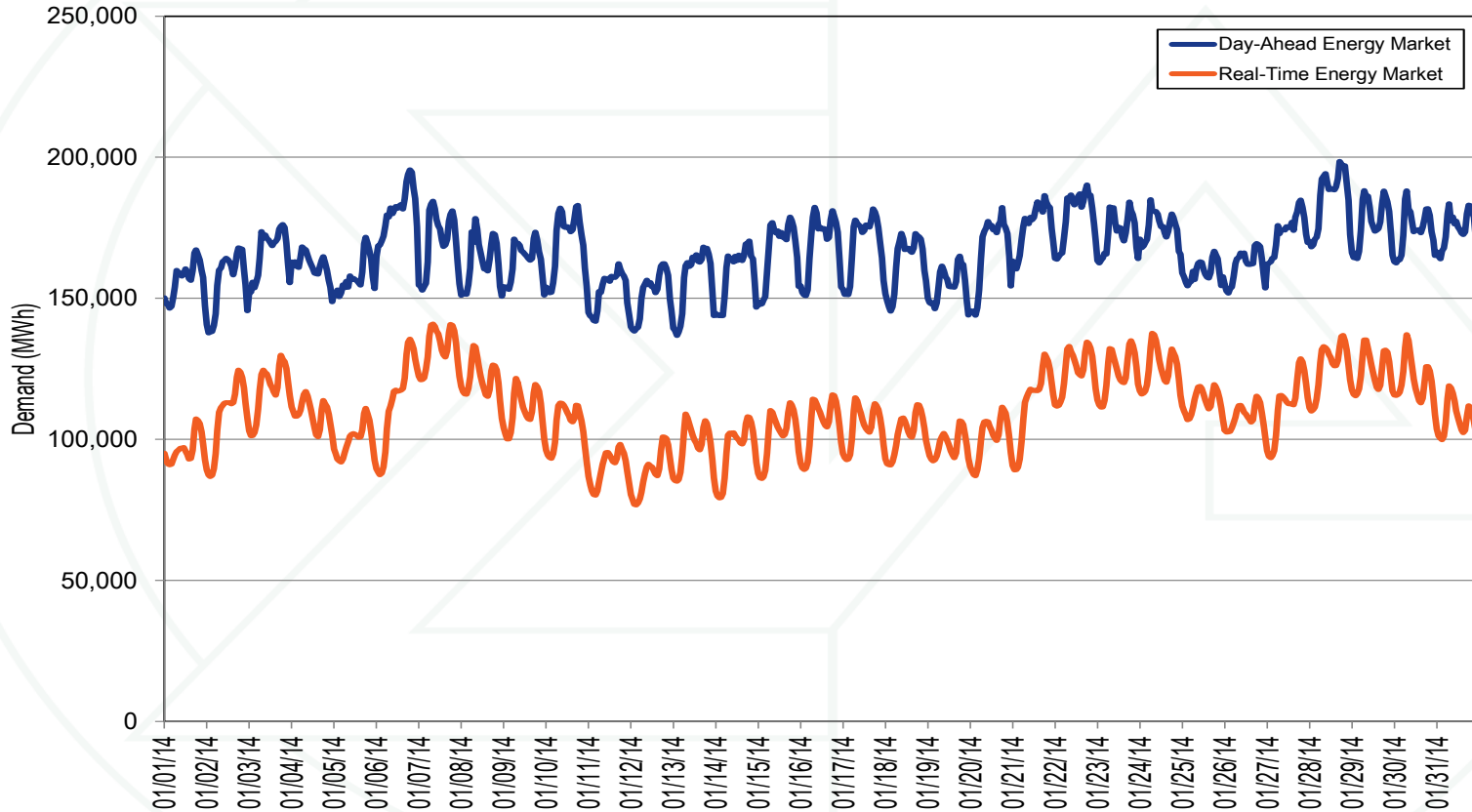
Hourly Day-Ahead and Real-Time LMP: January 2014



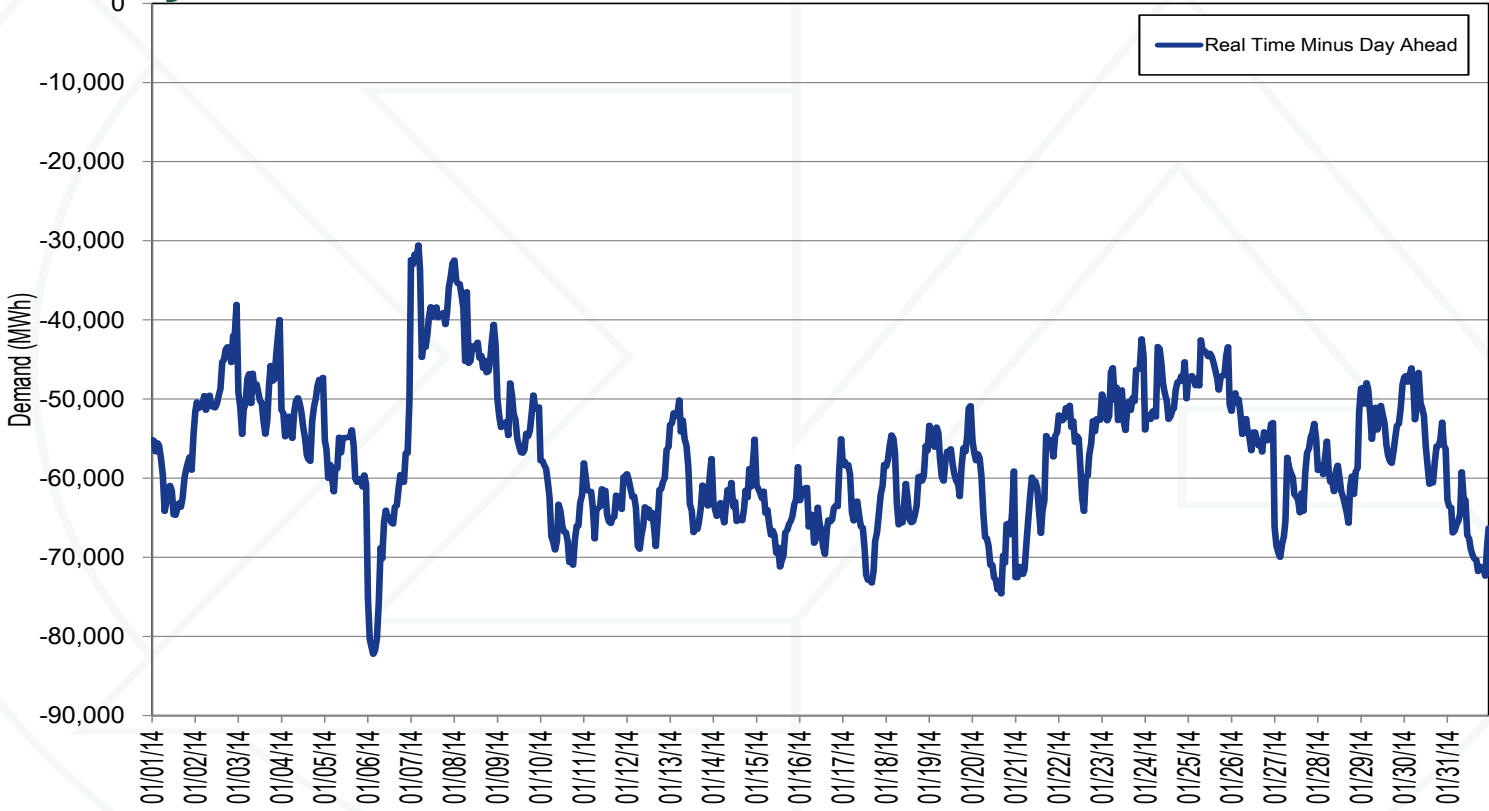
Hourly Real-Time Minus Day-Ahead LMP: January 2014



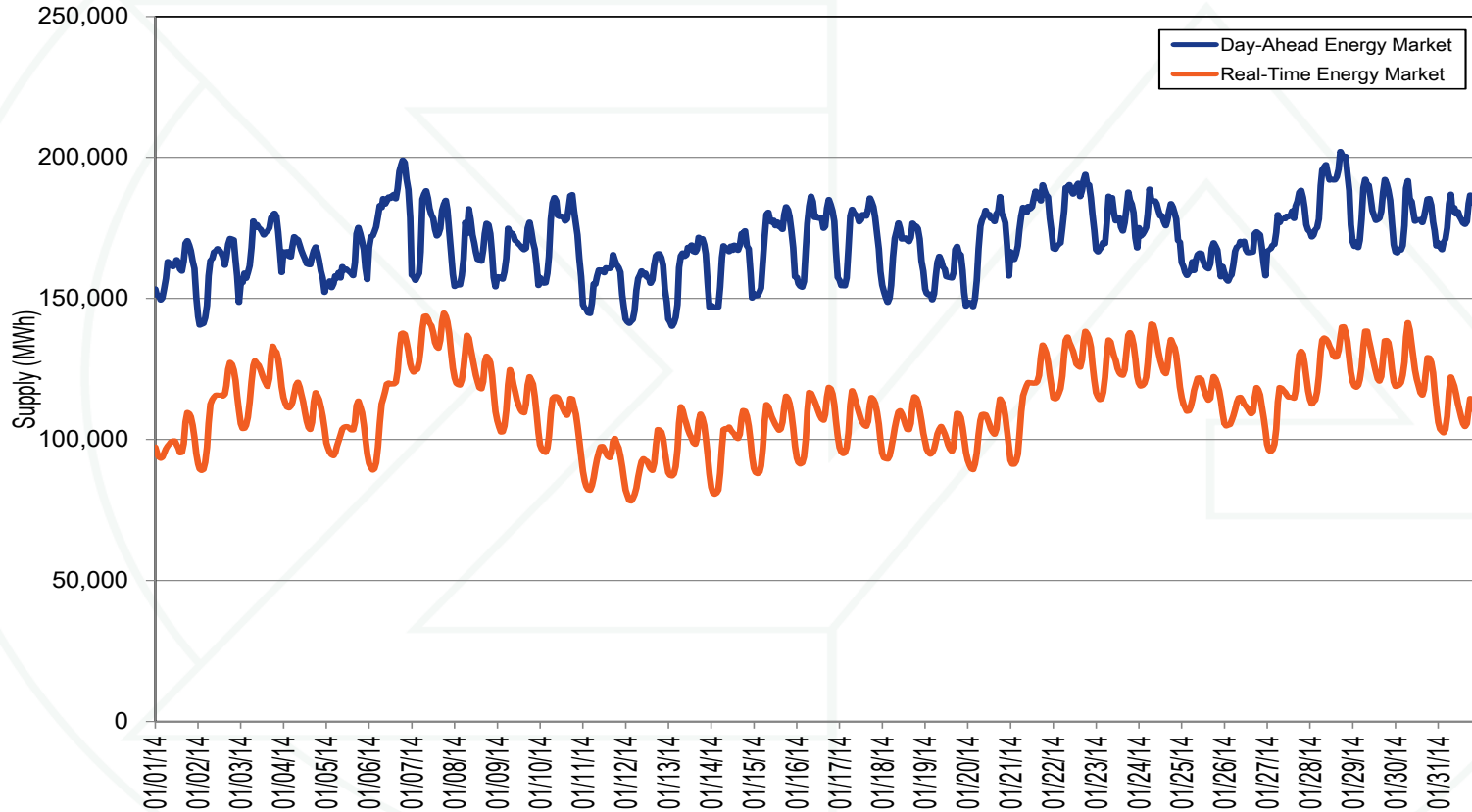
Hourly Real-Time and Day-Ahead Demand: January 2014



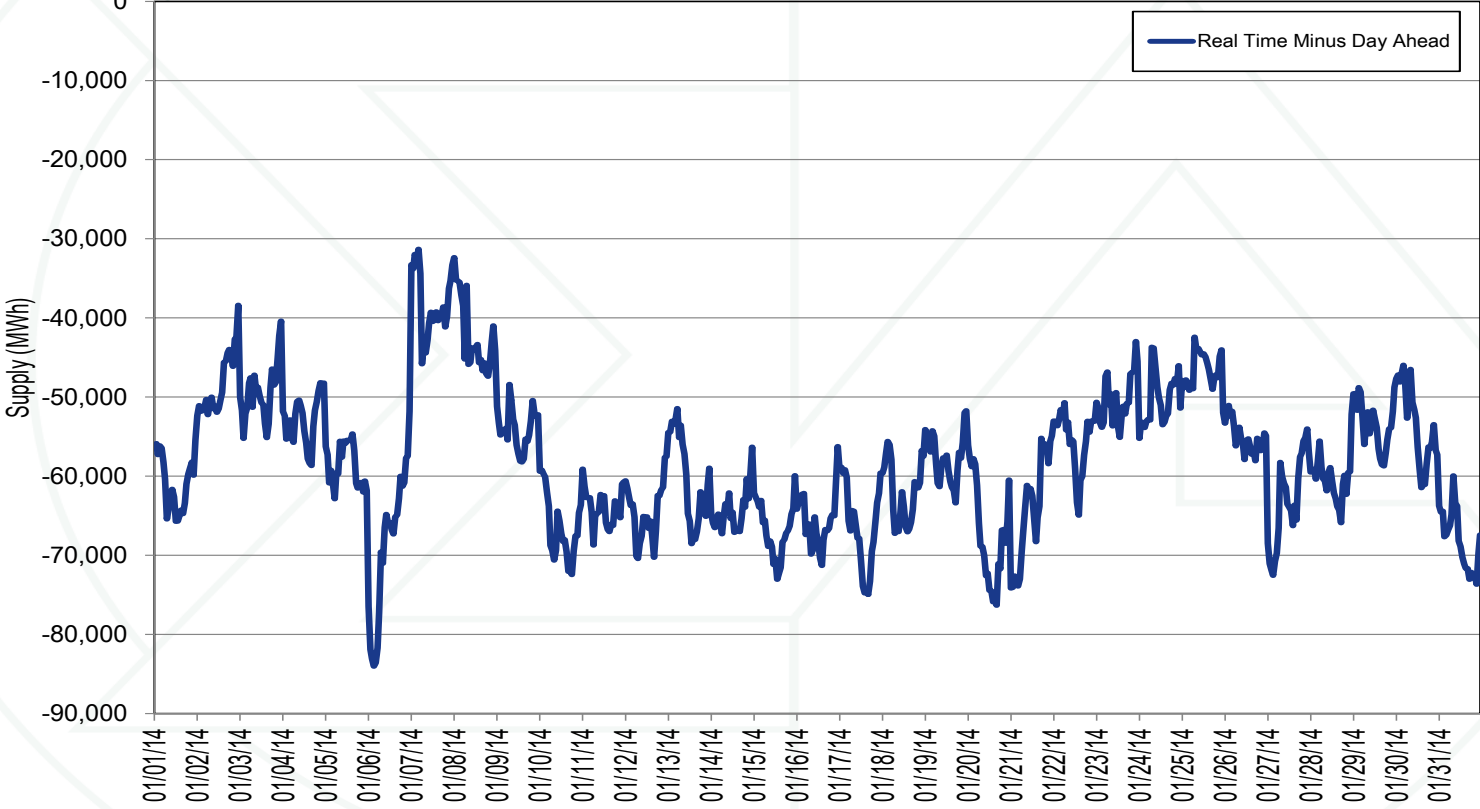
Hourly Real-Time Minus Day-Ahead Demand: January 2014



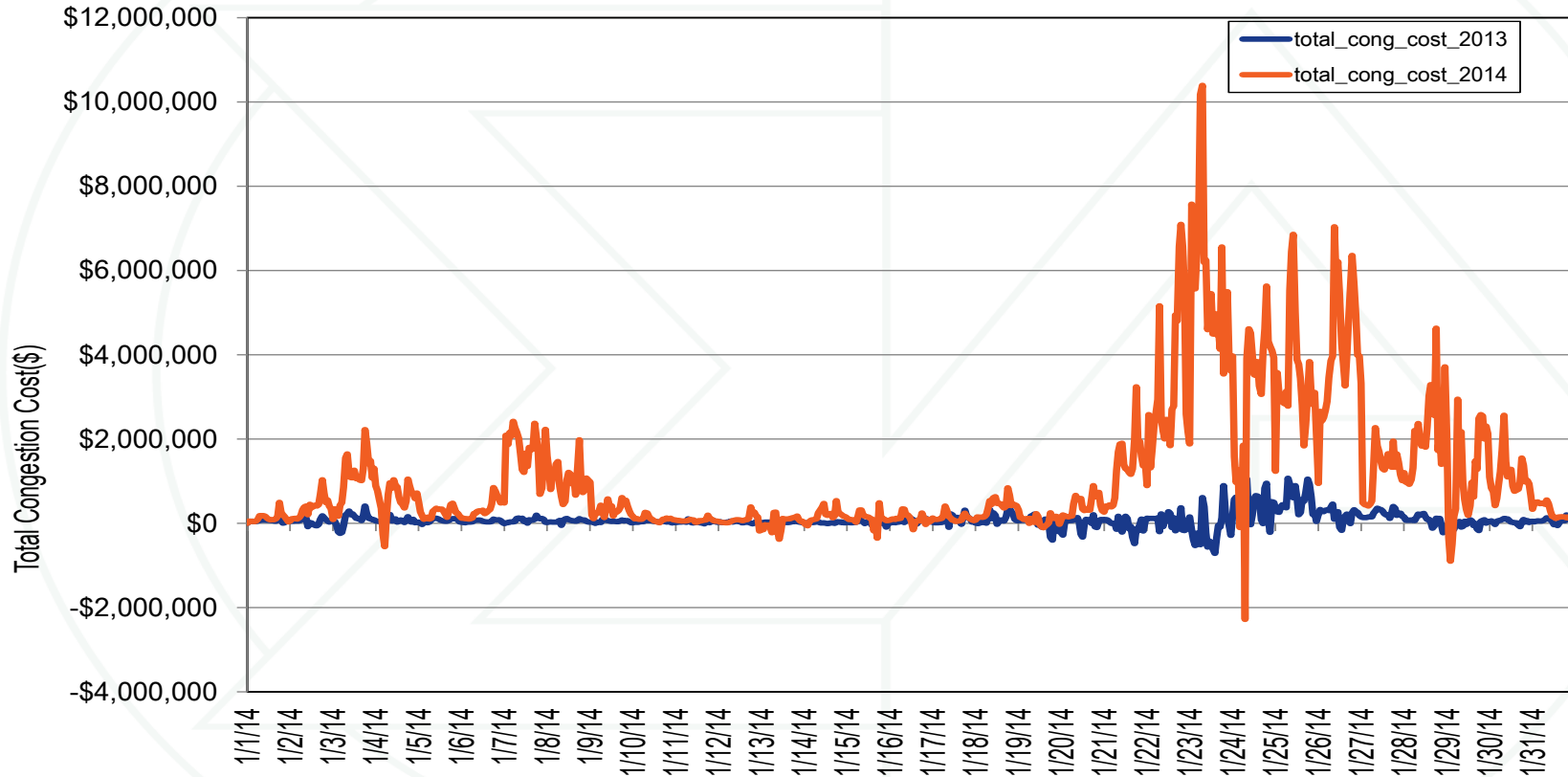
Hourly Day-Ahead and Real-Time Supply: January 2014



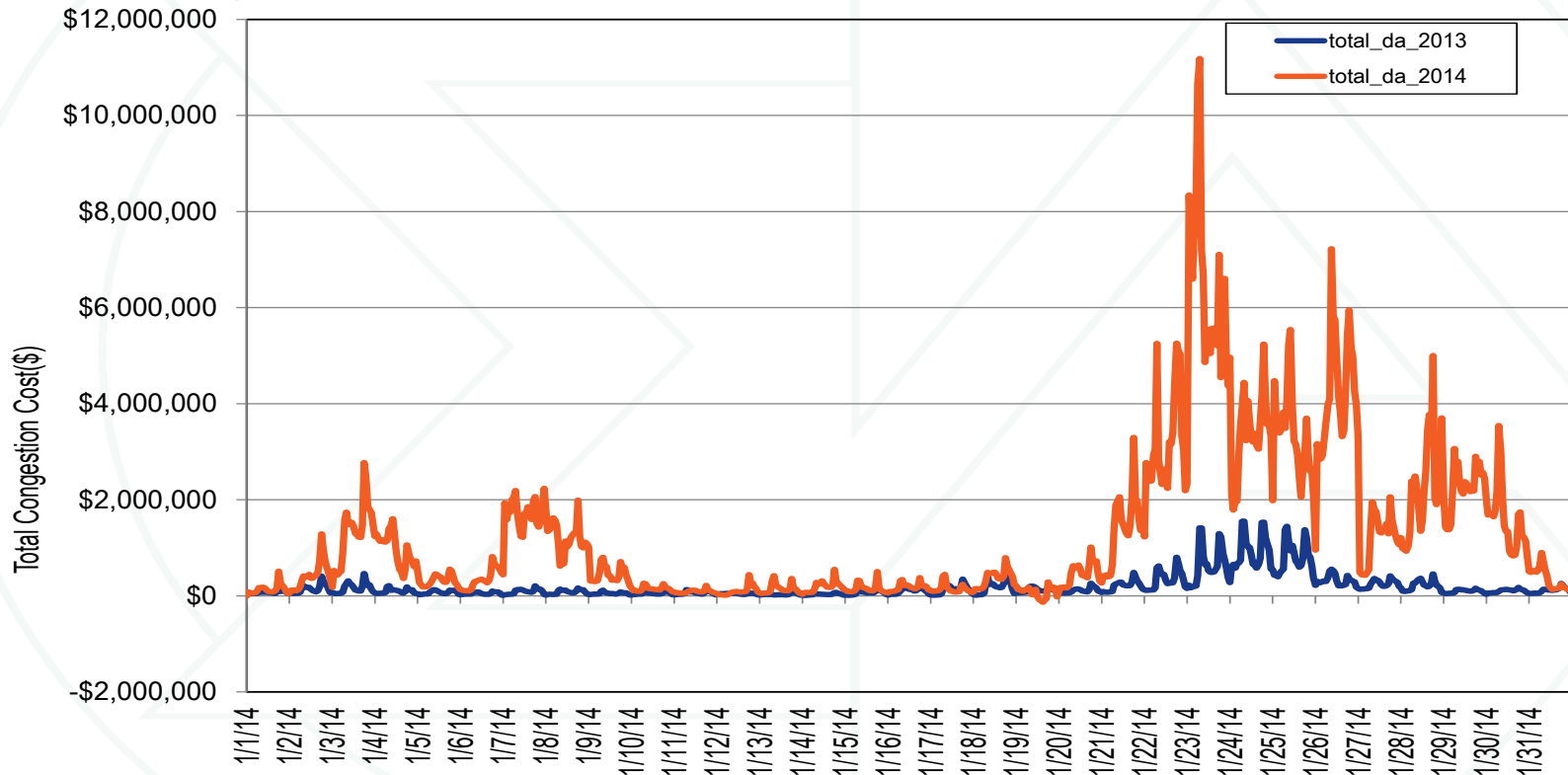
Hourly Real-Time Minus Day-Ahead Supply: January 2014



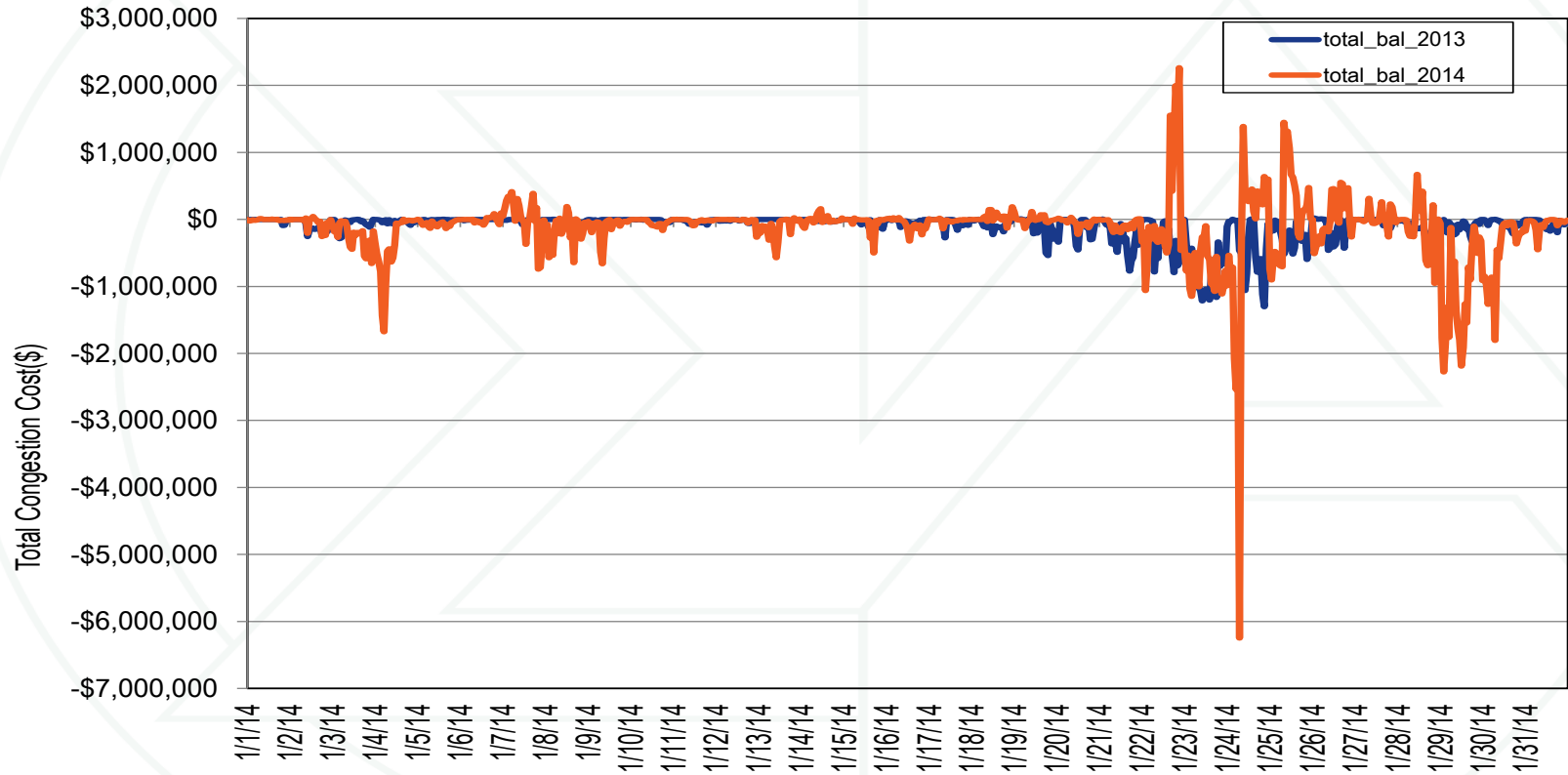
Hourly Congestion: January 2013 and January 2014



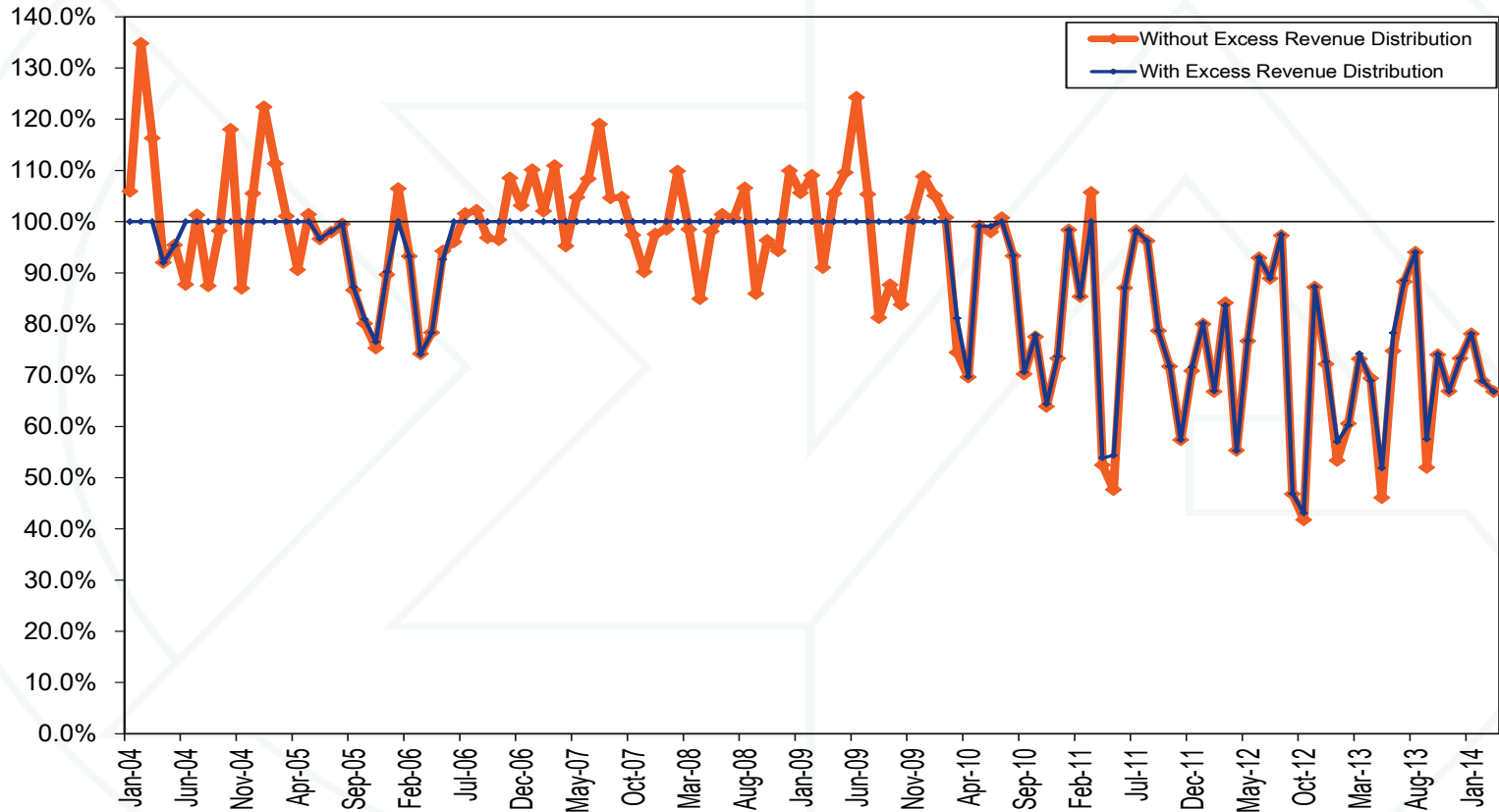
Hourly Day-Ahead Congestion: January 2013 and January 2014



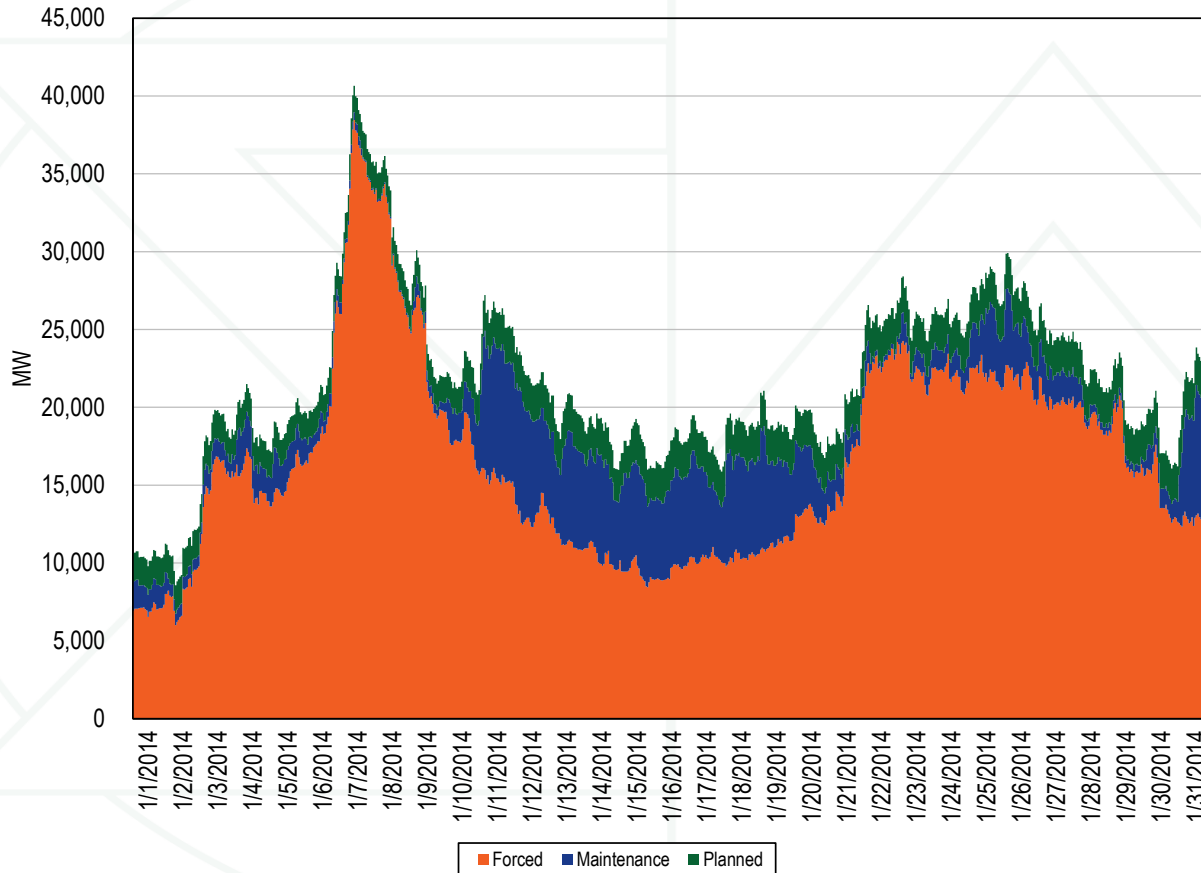
Hourly Balancing Congestion: January 2014



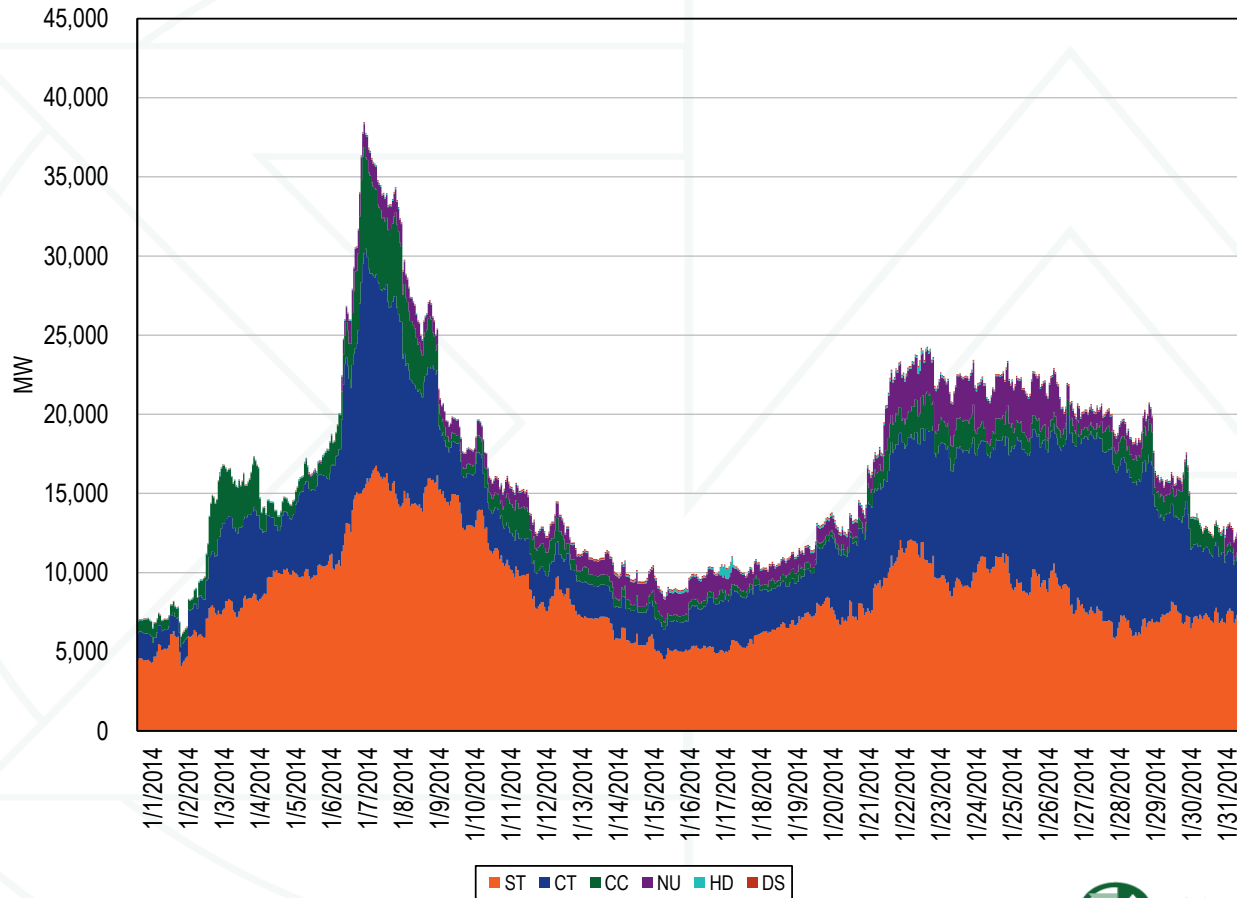
FTR Payout Ratios: January through March 2014



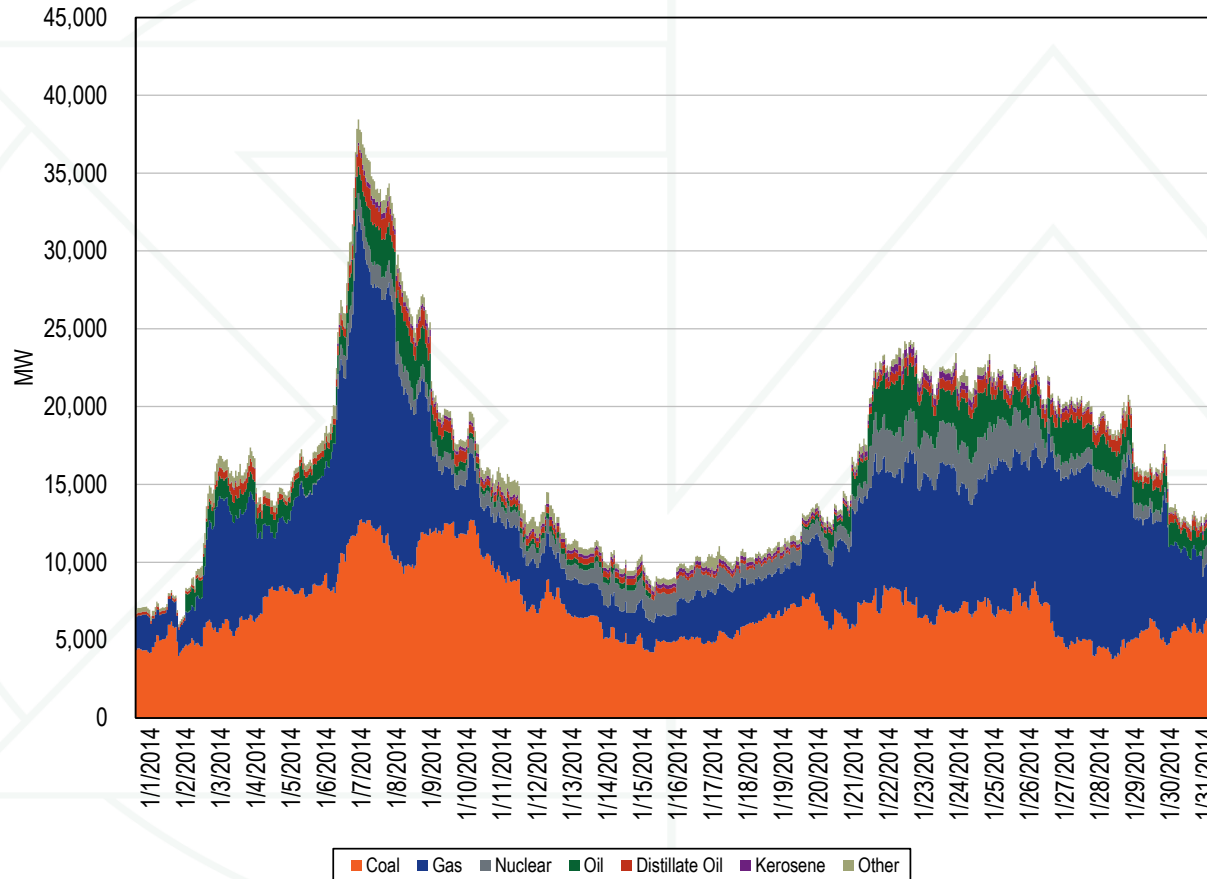
Hourly Outages by Type: January 2014



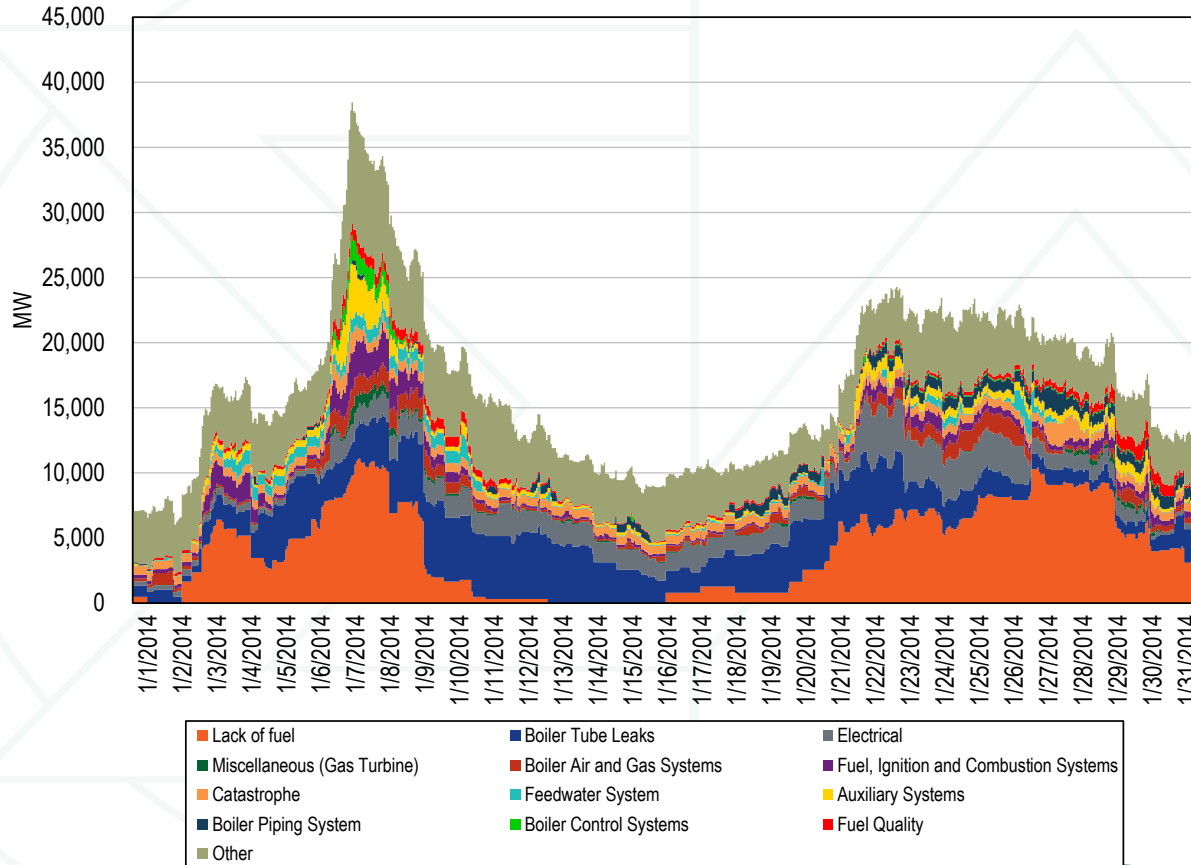
Hourly Outages by Unit Type: January 2014



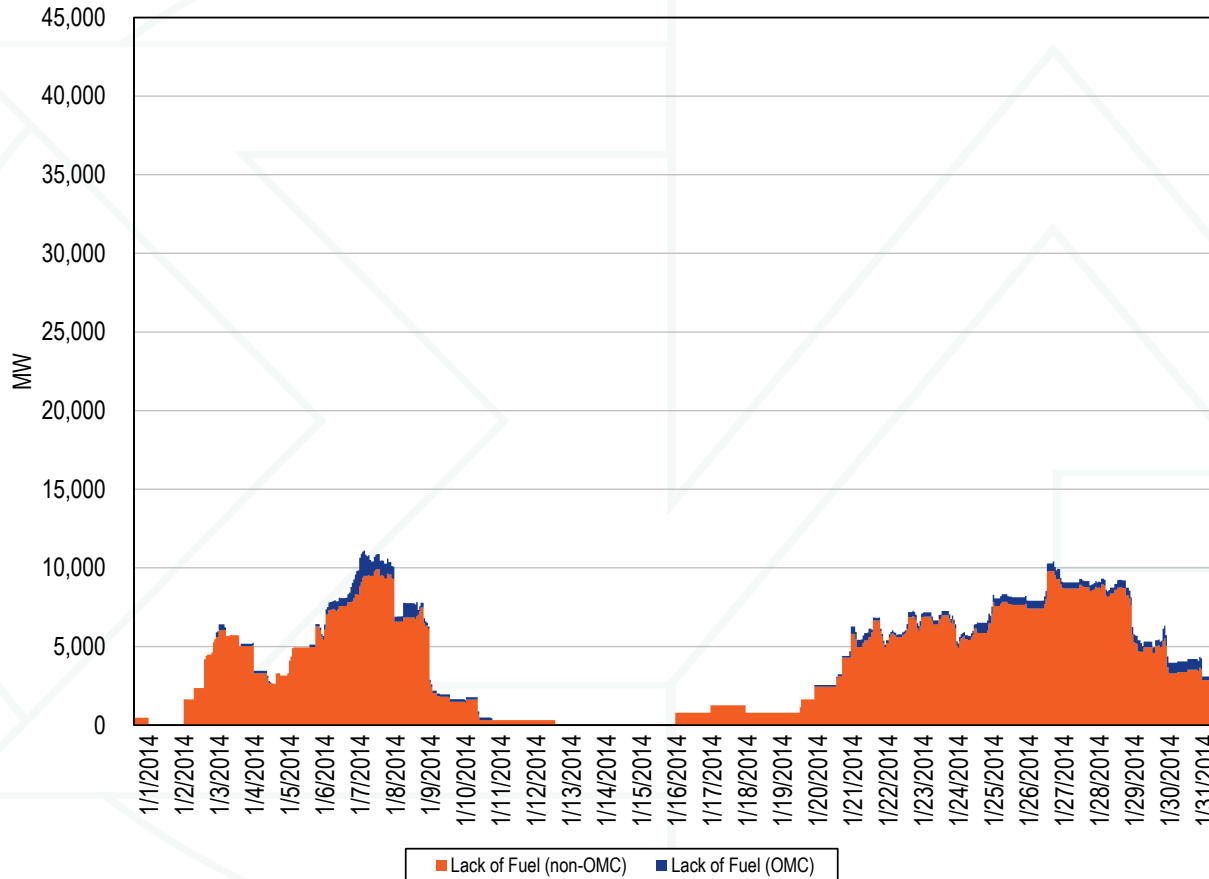
Hourly Outages by Fuel Type: January 2014



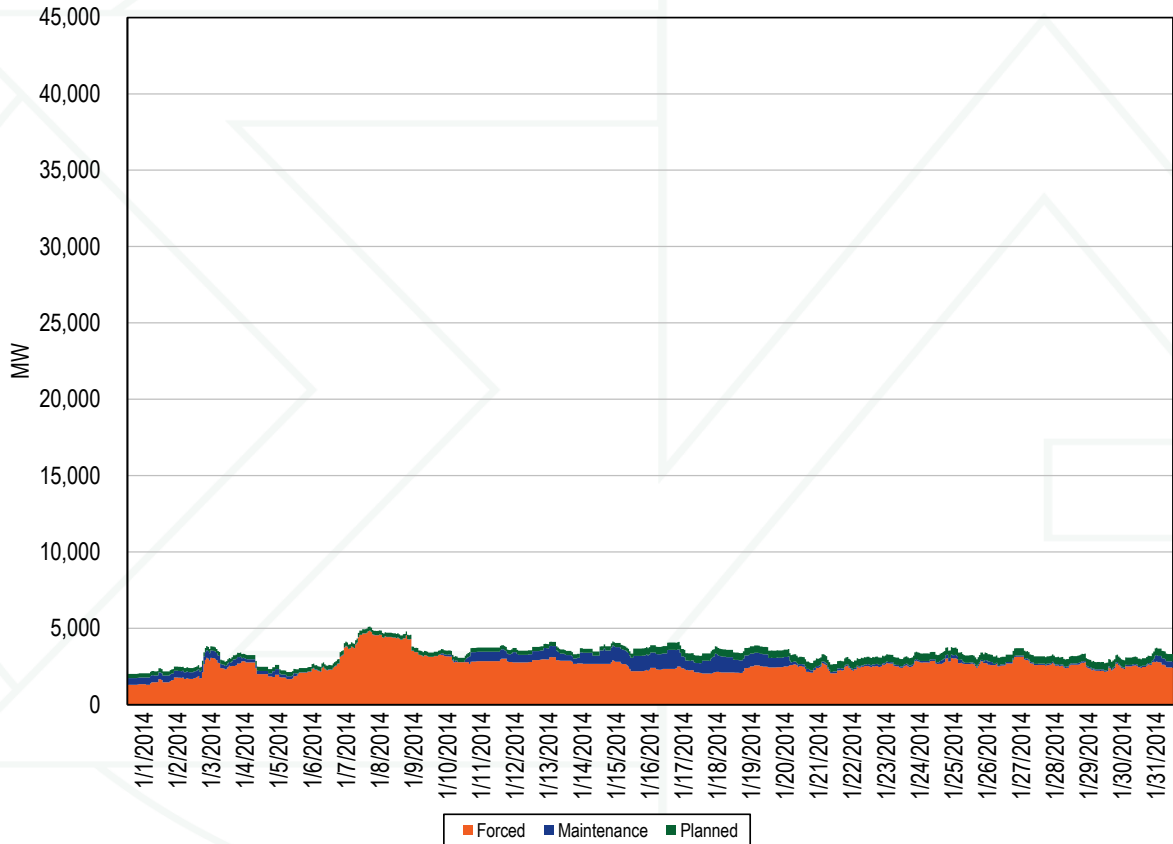
Hourly Outages by Category: January 2014



Hourly Outages by Lack of Fuel: January 2014



Hourly Outages by Units Scheduled to Retire: January 2014



PJM Open Access Transmission Tariff

10. PEAK-HOUR-PERIOD AVAILABILITY CHARGES AND CREDITS

(e) For each Delivery Year, the actual EFORP and PCAP of each Generation Capacity Resource shall be calculated during the Peak-Hour Periods of such Delivery Year, provided however, that such calculation shall not include any day such a resource was unavailable if such unavailability resulted in a charge or penalty due to delay, cancellation, retirement, de-rating, or rating test failure. The full or partial forced outage hours when called upon shall be those outage hours during which the cost-based offer for energy from the resource would have been less than the applicable Locational Marginal Price for such resource, or when the Office of the Interconnection would have called upon the resource (absent the outage) for Operating Reserves, in both cases as determined by the Office of the Interconnection in accordance with the procedures specified in the PJM Manuals (including, without limitation, respecting such unit's current operating constraints). In addition, for single-fueled, natural gas-fired units, a failure to perform during the winter Peak-Hour Period shall be excused for purposes of this section if the Capacity Market Seller, or Locational UCAP Seller, as applicable, can demonstrate to the Office of the Interconnection that such failure was due to non-availability of gas to supply the unit.



Monitoring Analytics, LLC

2621 Van Buren Avenue

Suite 160

Eagleville, PA

19403

(610) 271-8050

MA@monitoringanalytics.com

www.MonitoringAnalytics.com

