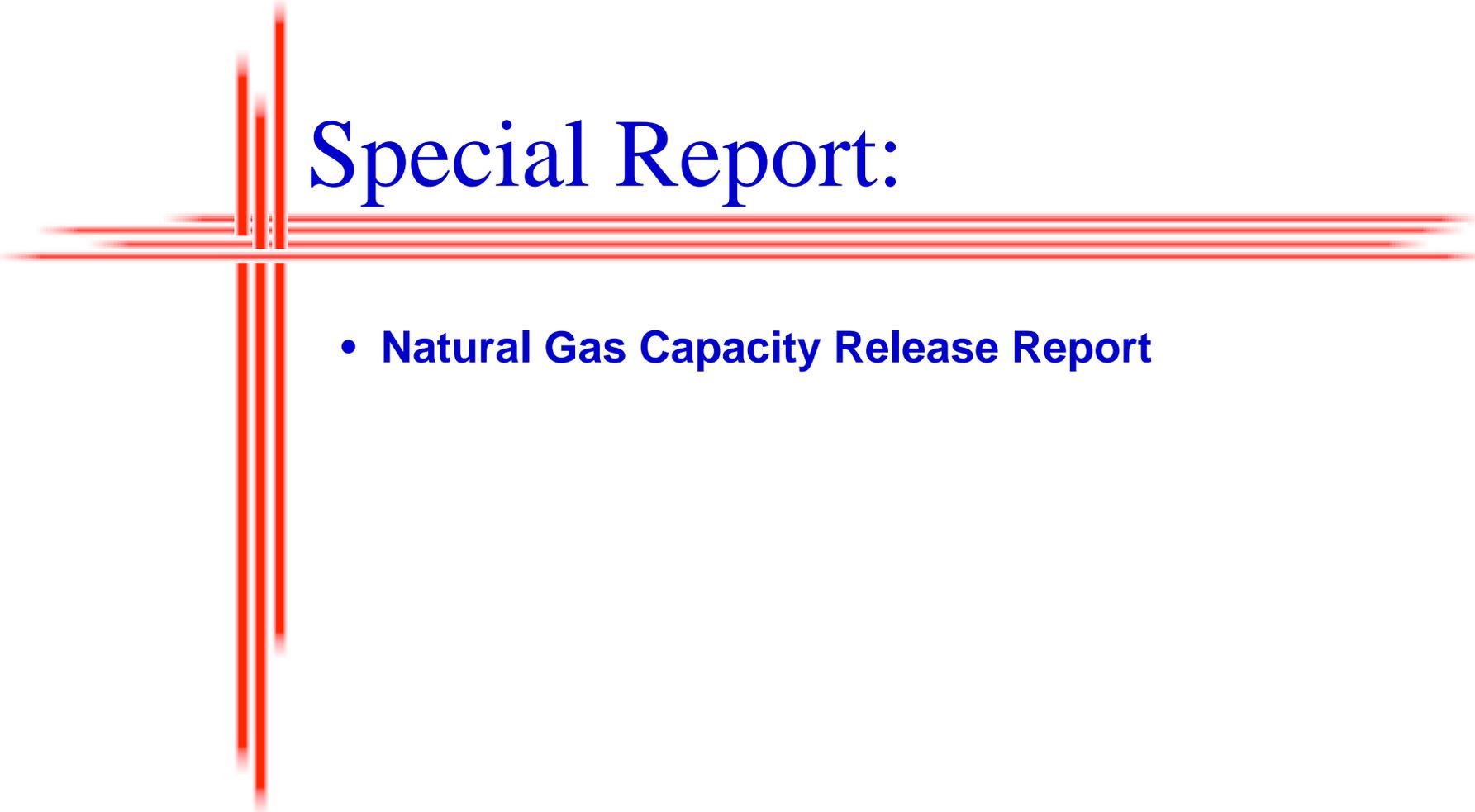


OE ENERGY MARKET SNAPSHOT

Mid-Atlantic States Version – January 2011 Data

- **Special Report**
- **Weather**
- **Natural Gas and Fuel Markets**
- **Electricity Markets**

Office of Enforcement
Federal Energy Regulatory Commission
February 2011



Special Report:

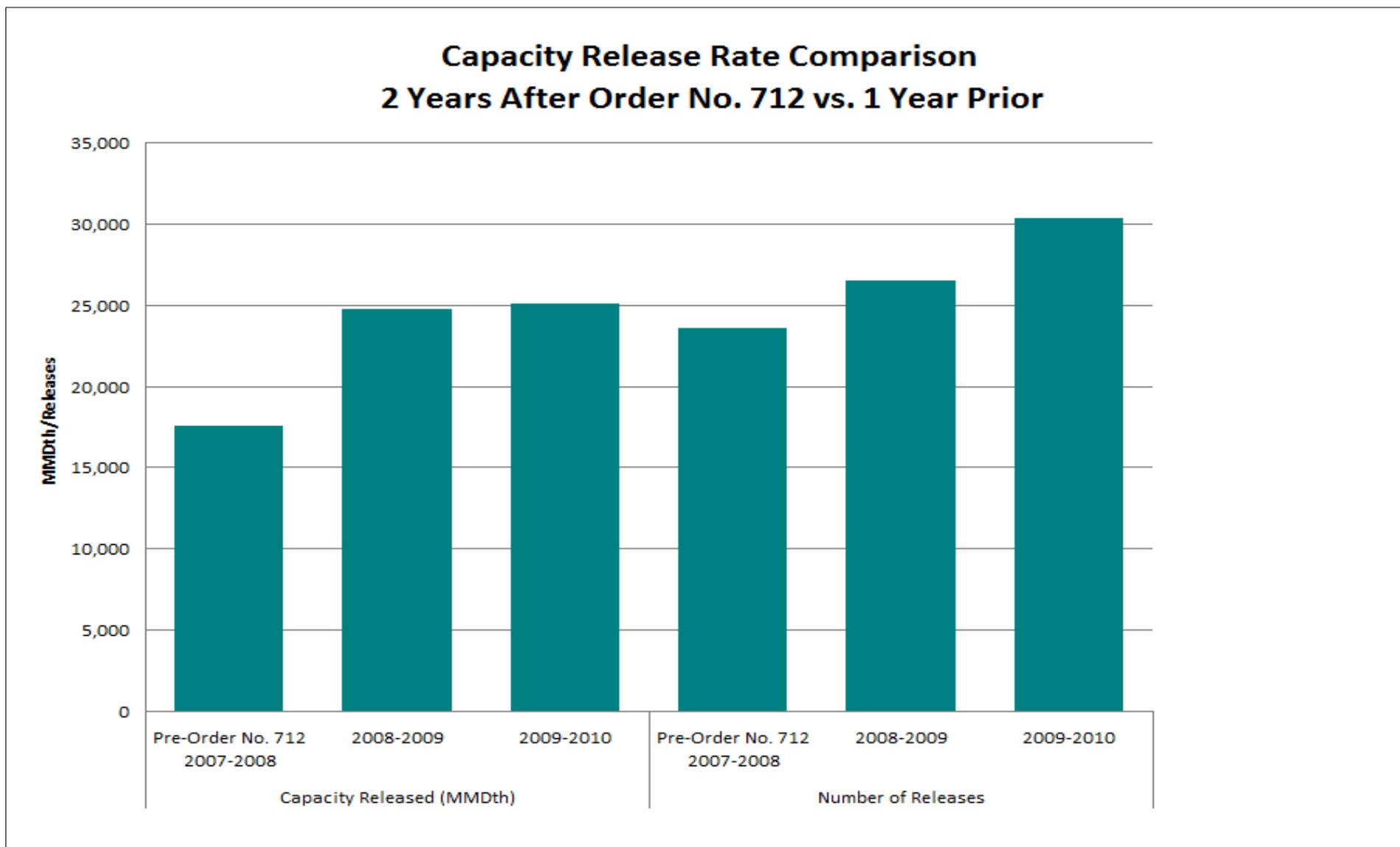
- **Natural Gas Capacity Release Report**

Introduction

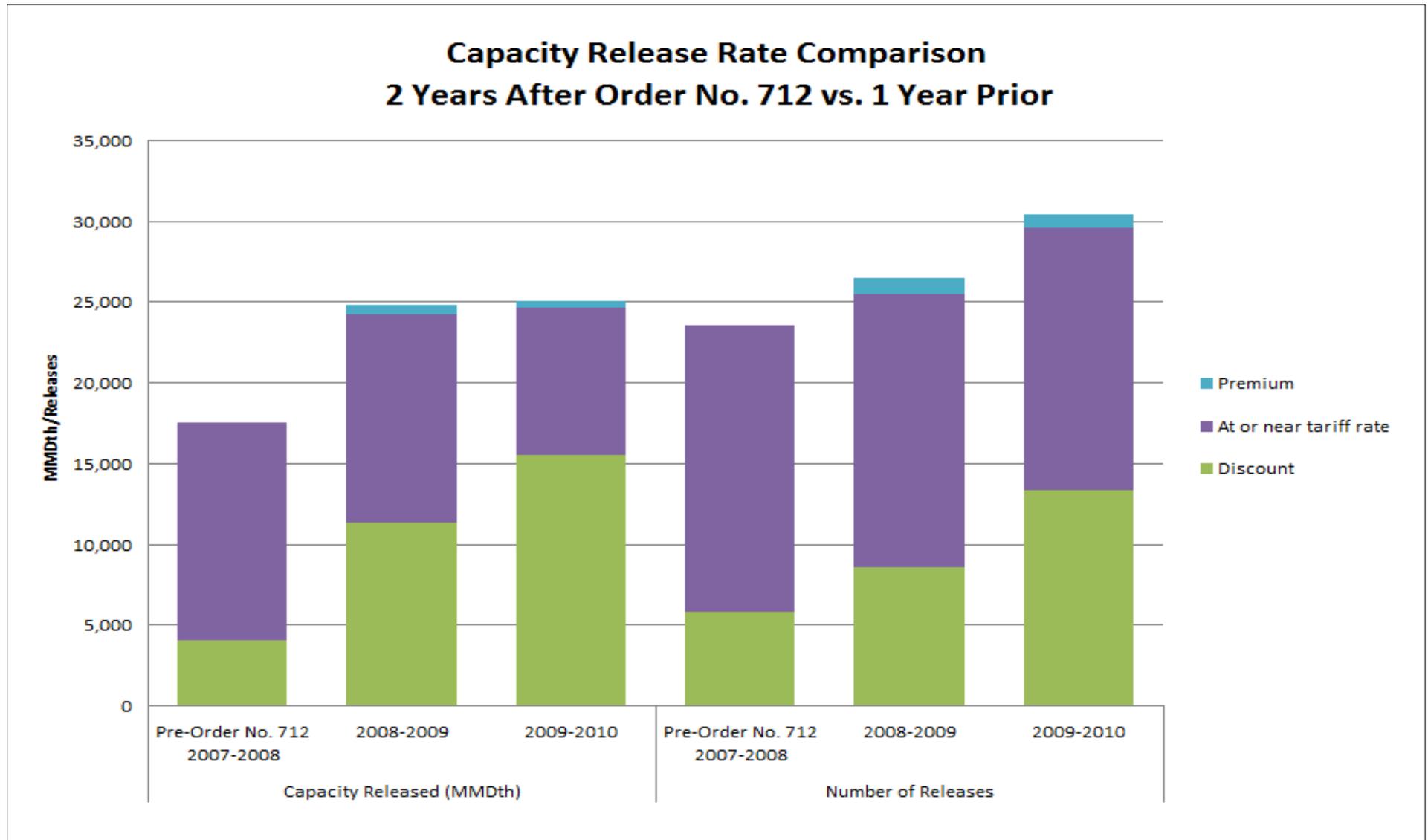
- On June 19, 2008, FERC issued Order No. 712, which removed the price cap on short-term (less than one year) capacity releases on interstate natural gas pipelines.
- In the order, the Commission directed “staff to monitor the capacity release program and, using all available information, issue a report on the general performance of the capacity release program, within six months after two years of experience under the new rules”.
- On 1/31/2011, the Commission issued a Staff Report on Capacity Release. To view the document for this Issuance, click here

http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20110131-3078

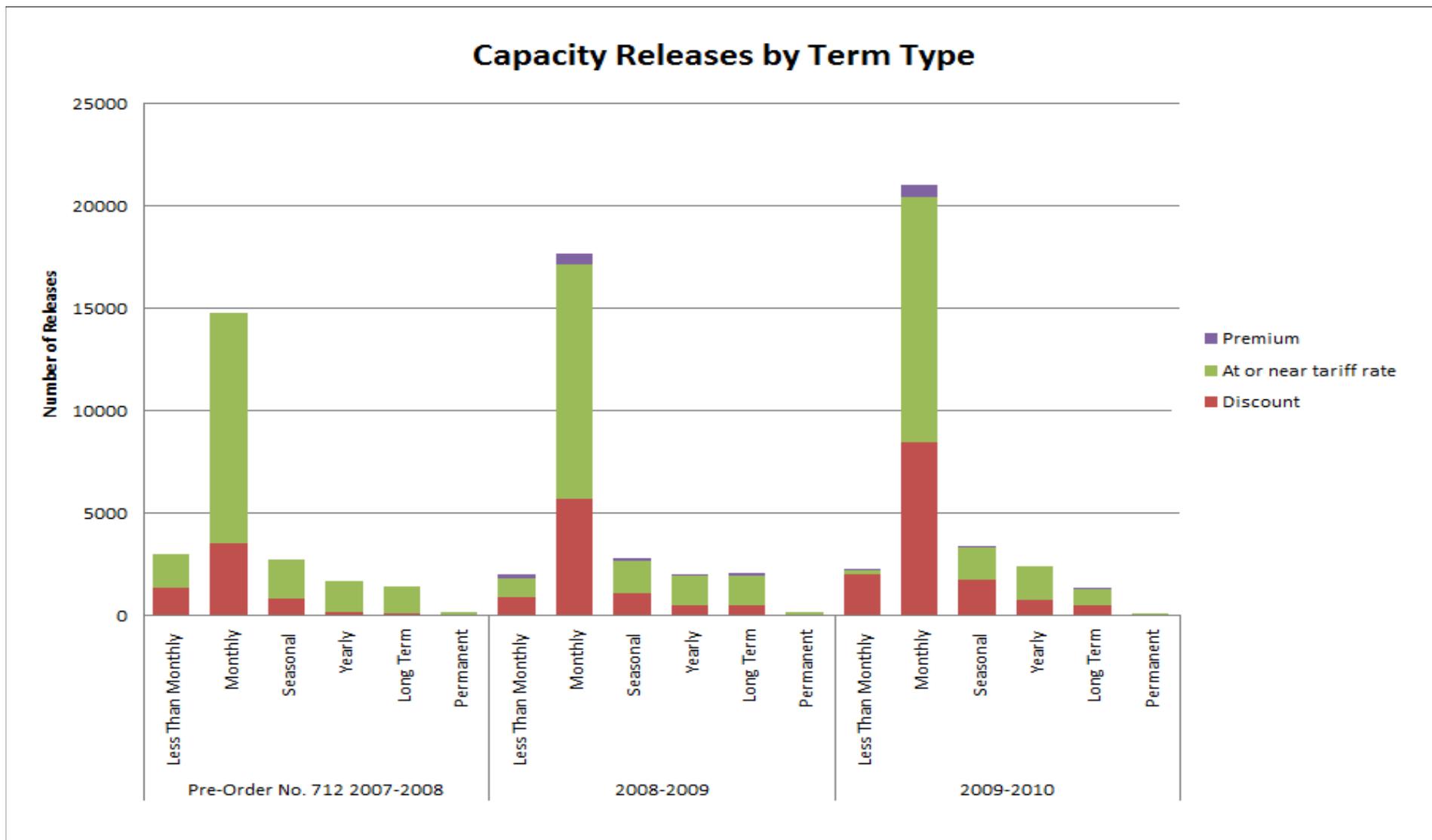
Overview



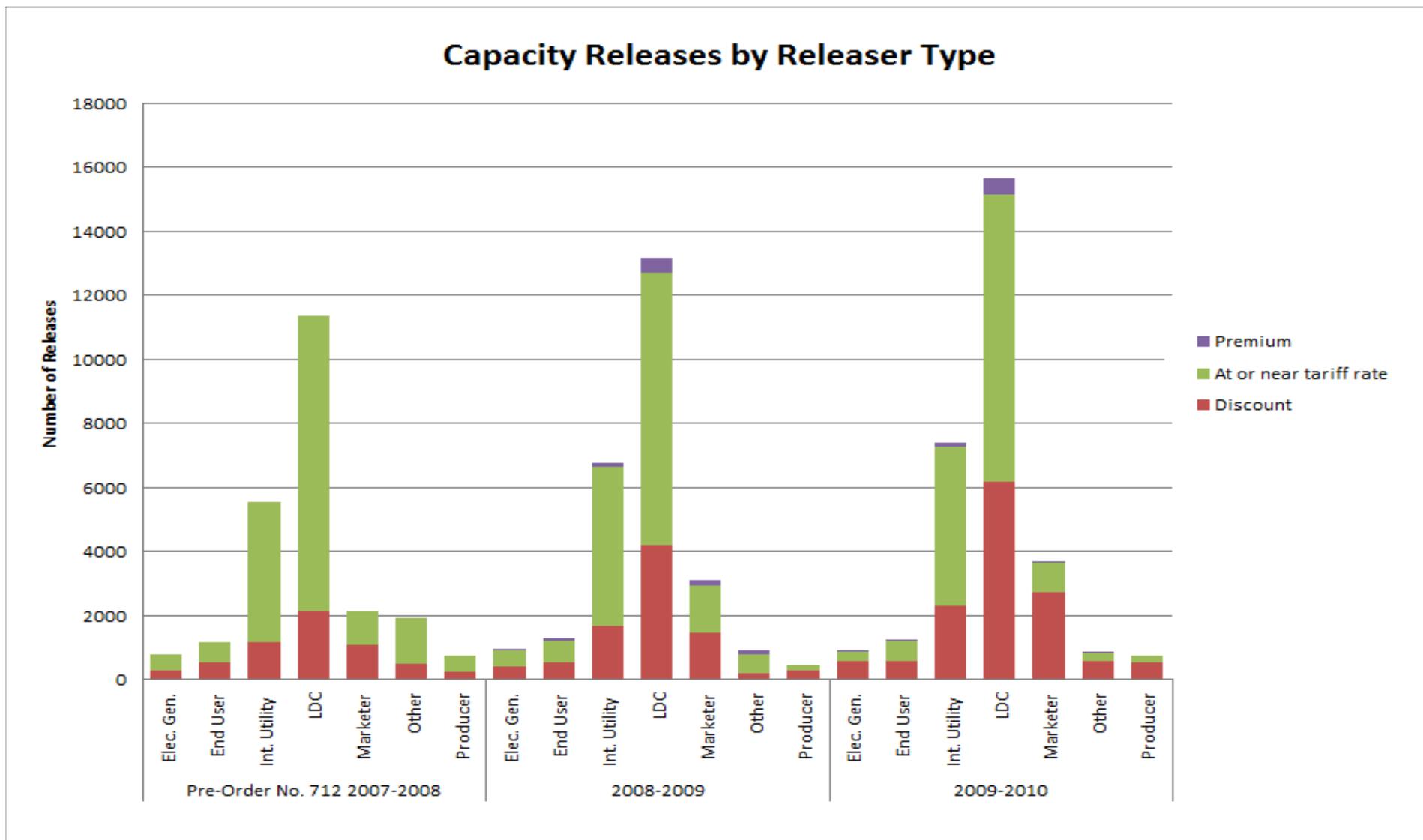
The effects of the Price Cap

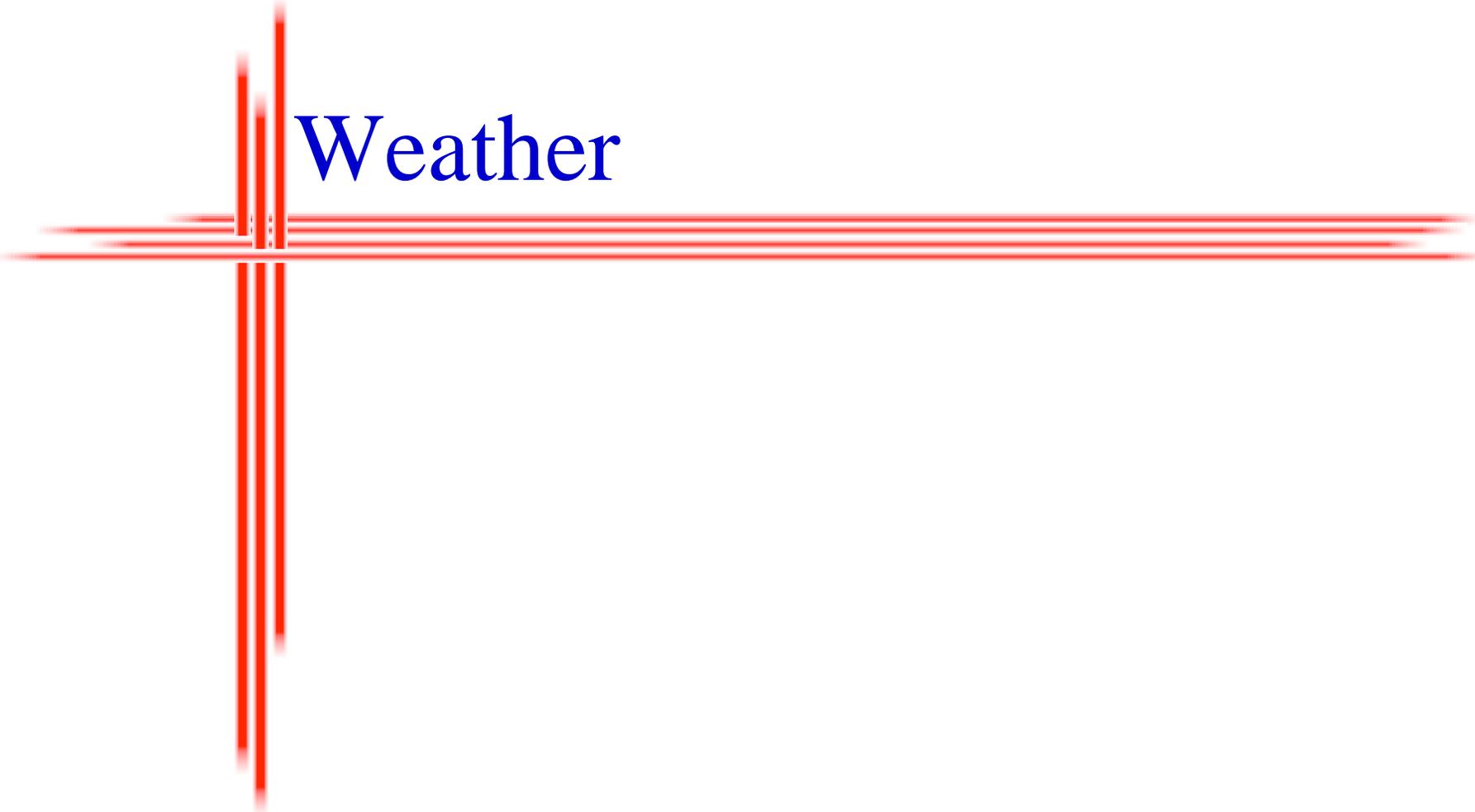


Release Duration



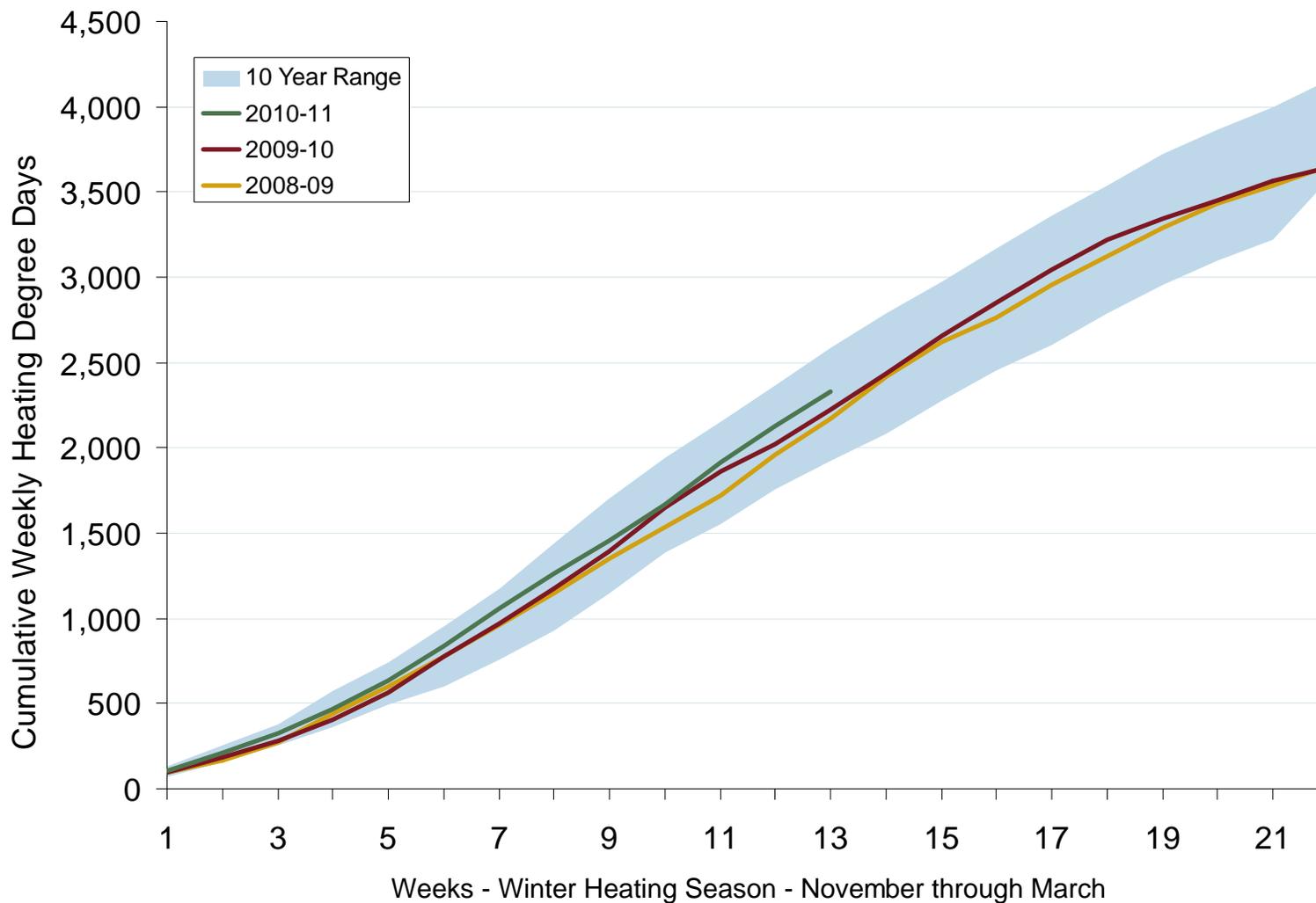
Releasing Shippers



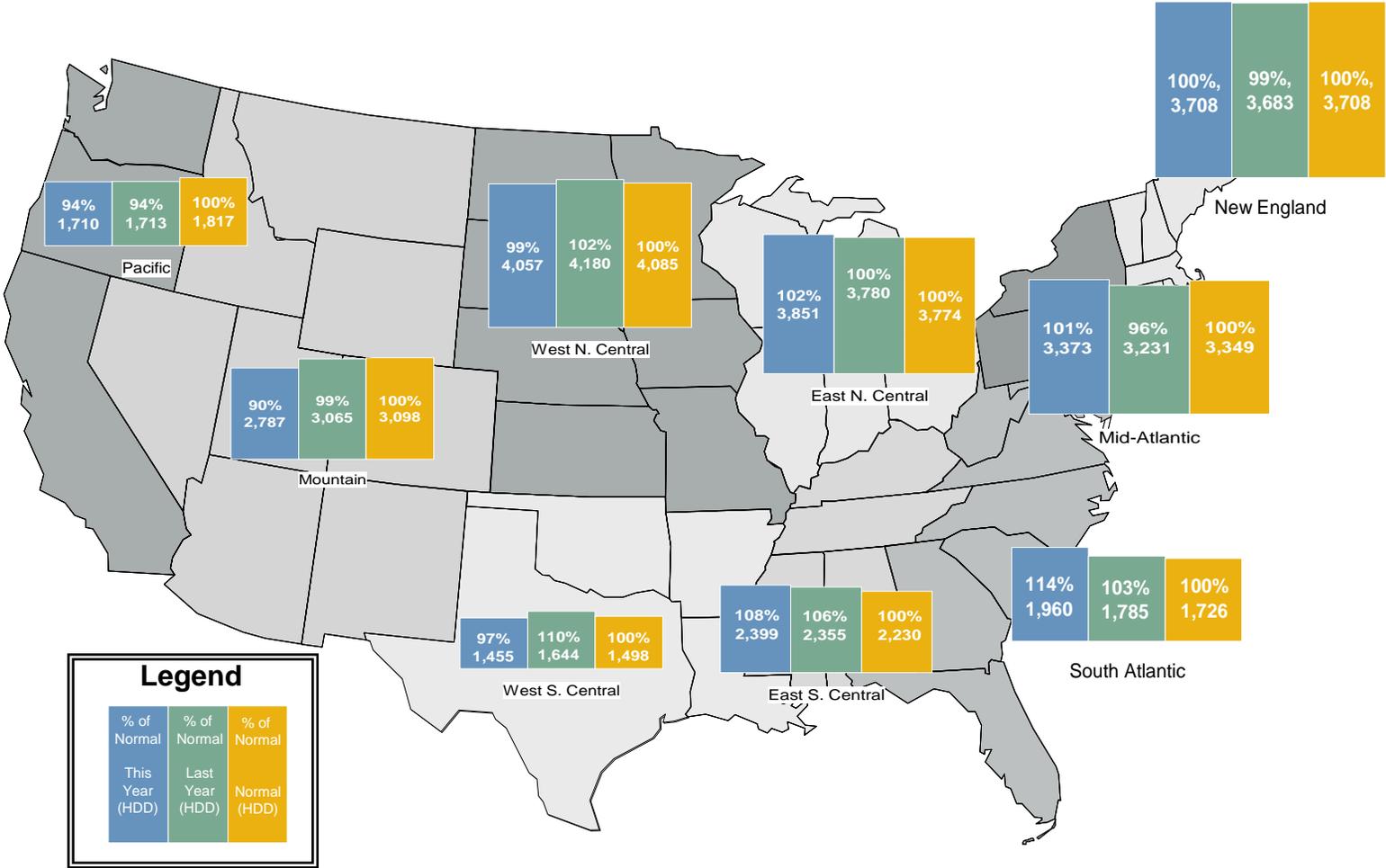


Weather

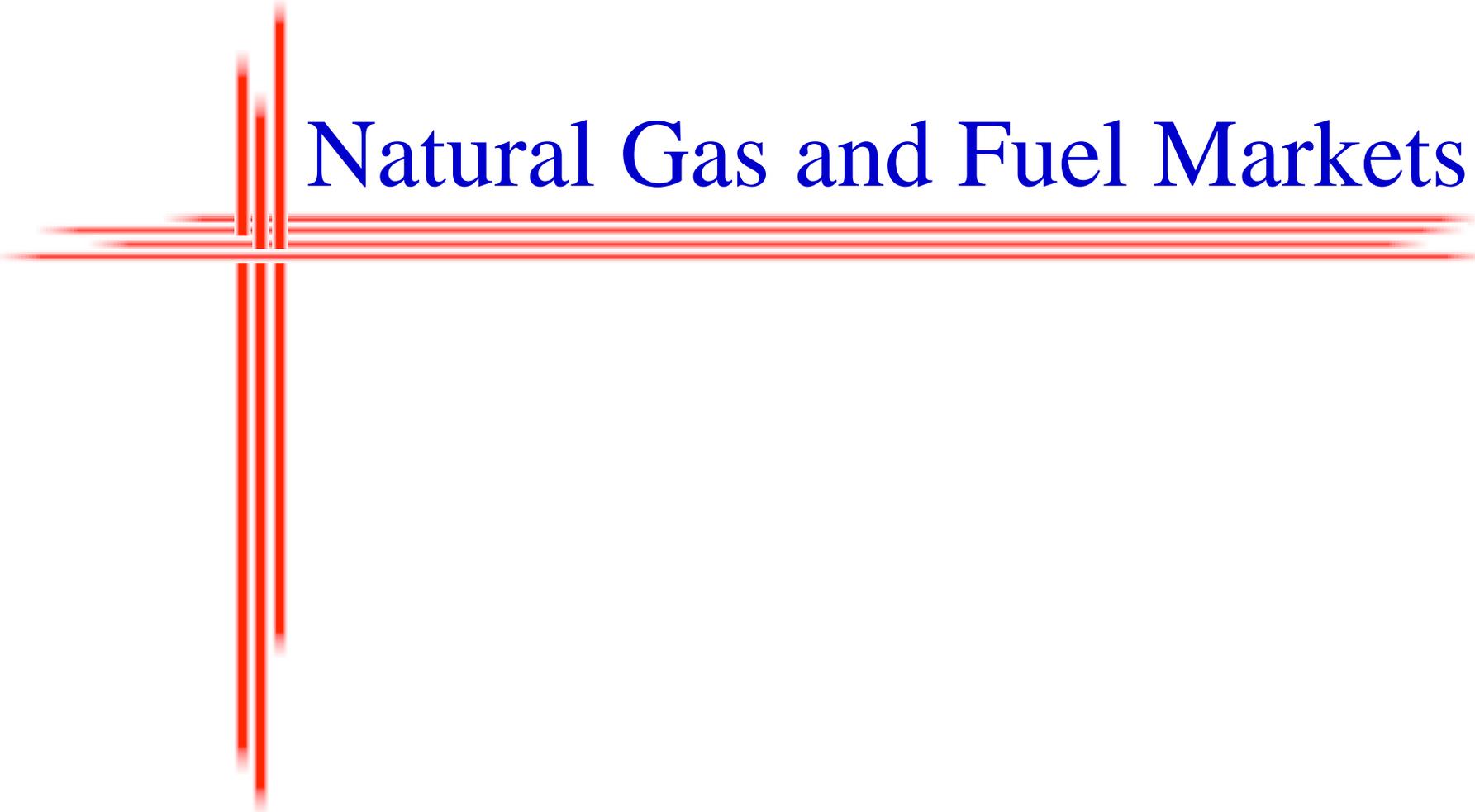
U. S. Winter Cumulative Heating Degree Days



Regional Heating Degree Days July 2010 Through January 2011

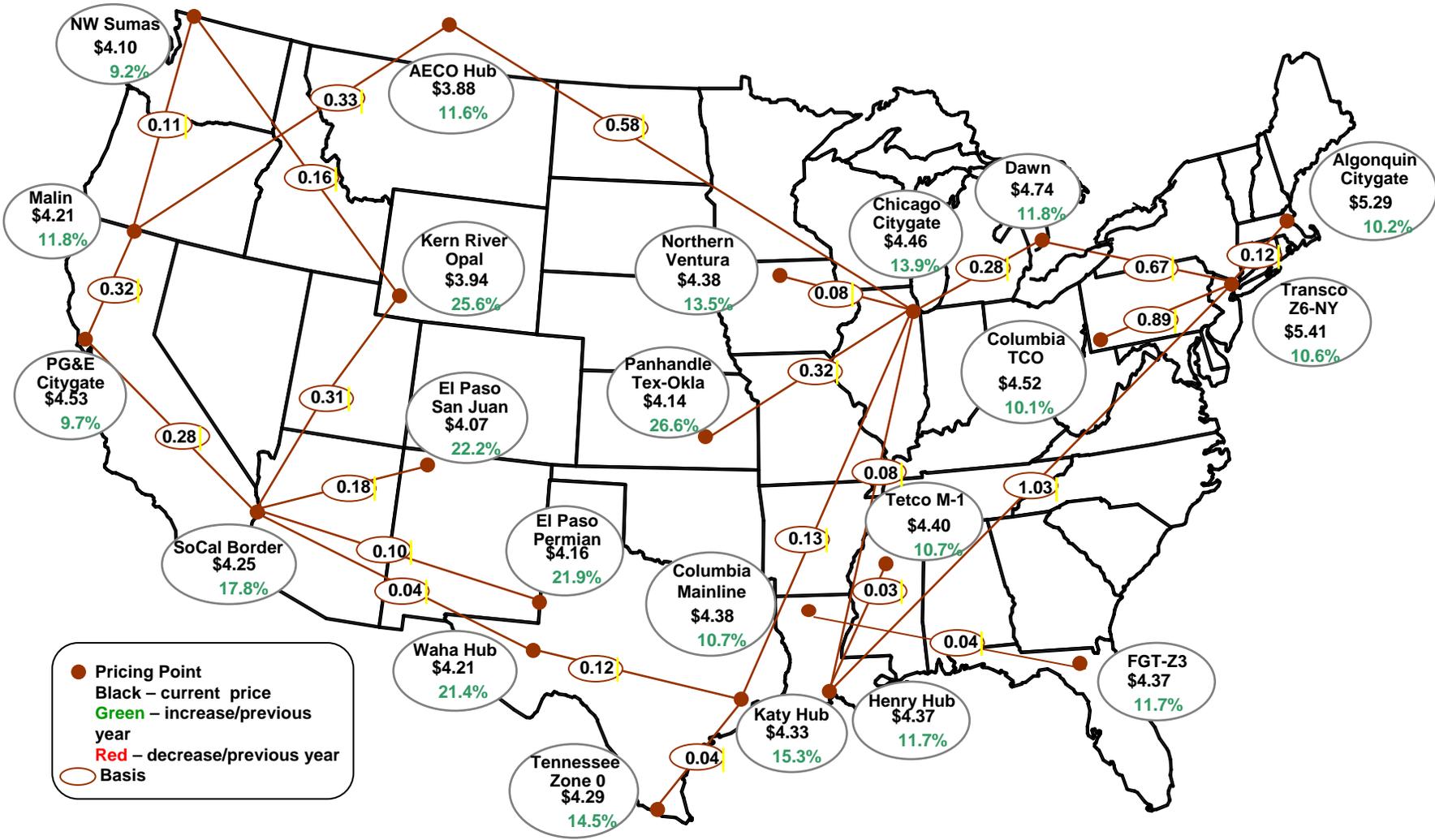


Source: Derived from NOAA data. Normal is based on a 30-year average of heating degree day data.
February 2011 Mid-Atlantic Snapshot Report

A decorative graphic consisting of several thick, parallel red lines. One vertical line runs down the left side of the page, and several horizontal lines cross it, creating a grid-like structure. The lines are slightly blurred and have a glowing effect.

Natural Gas and Fuel Markets

Average Spot Gas Prices, 2010 (\$MMBtu)

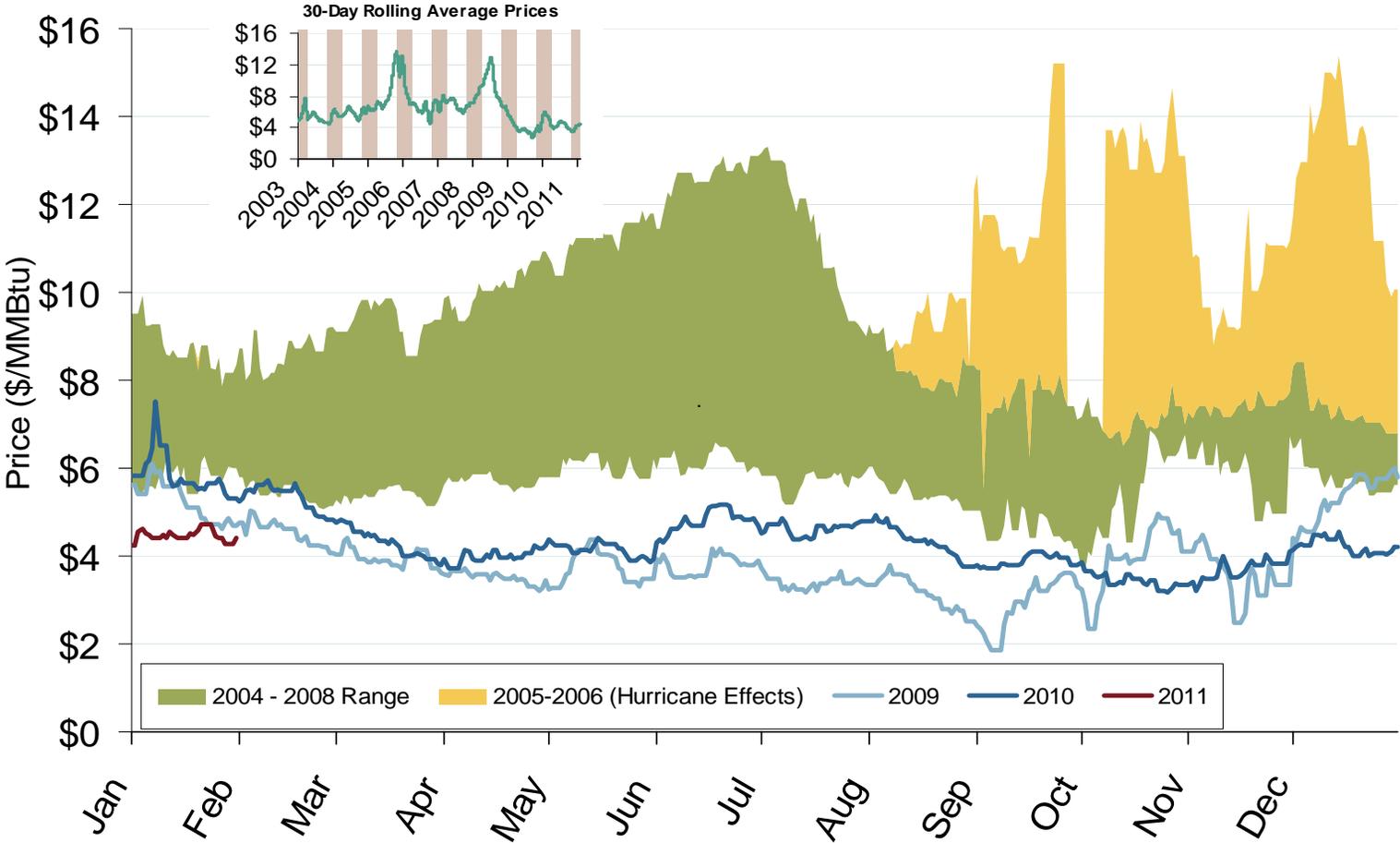


Source: Derived from *Platts* data. February 2011 Mid-Atlantic Snapshot Report

Natural Gas Market Overview: 5 Year Range of Henry Hub Spot Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

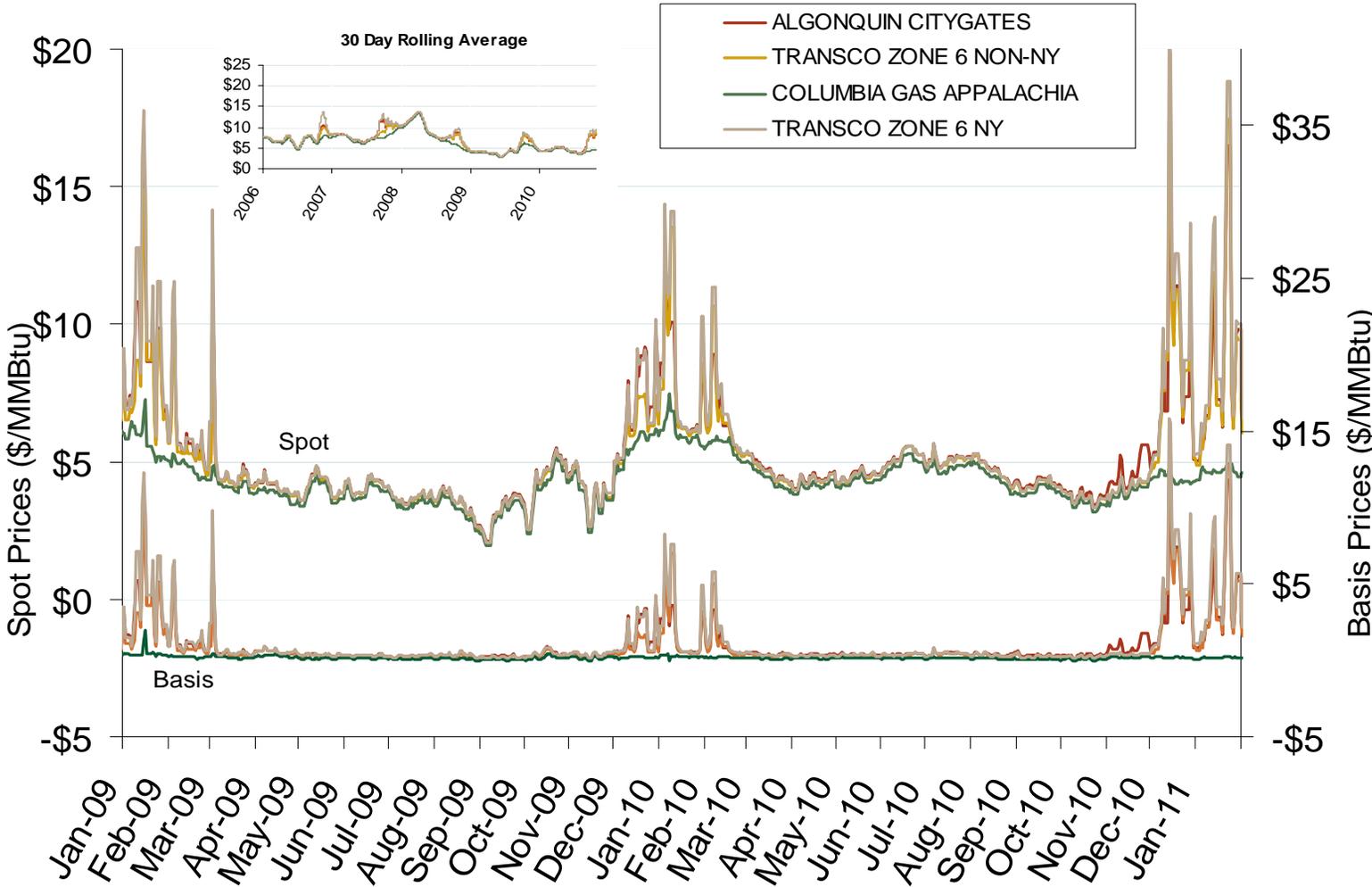
Henry Hub Natural Gas Daily Spot Prices



Source: Derived from *Platts* data.

Updated: February 3, 2011

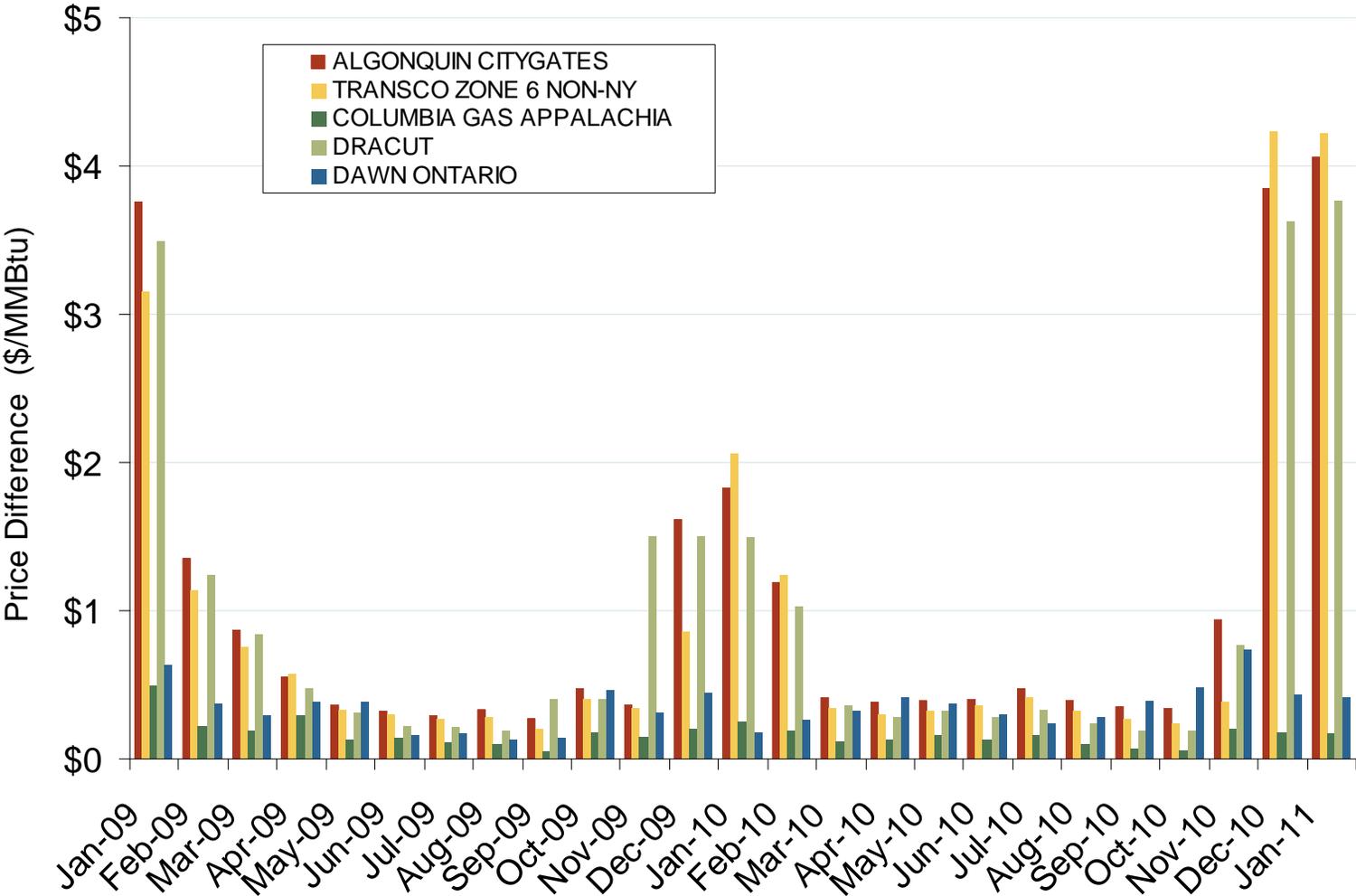
Northeastern Spot Prices and Basis



Source: Derived from *Platts* data.

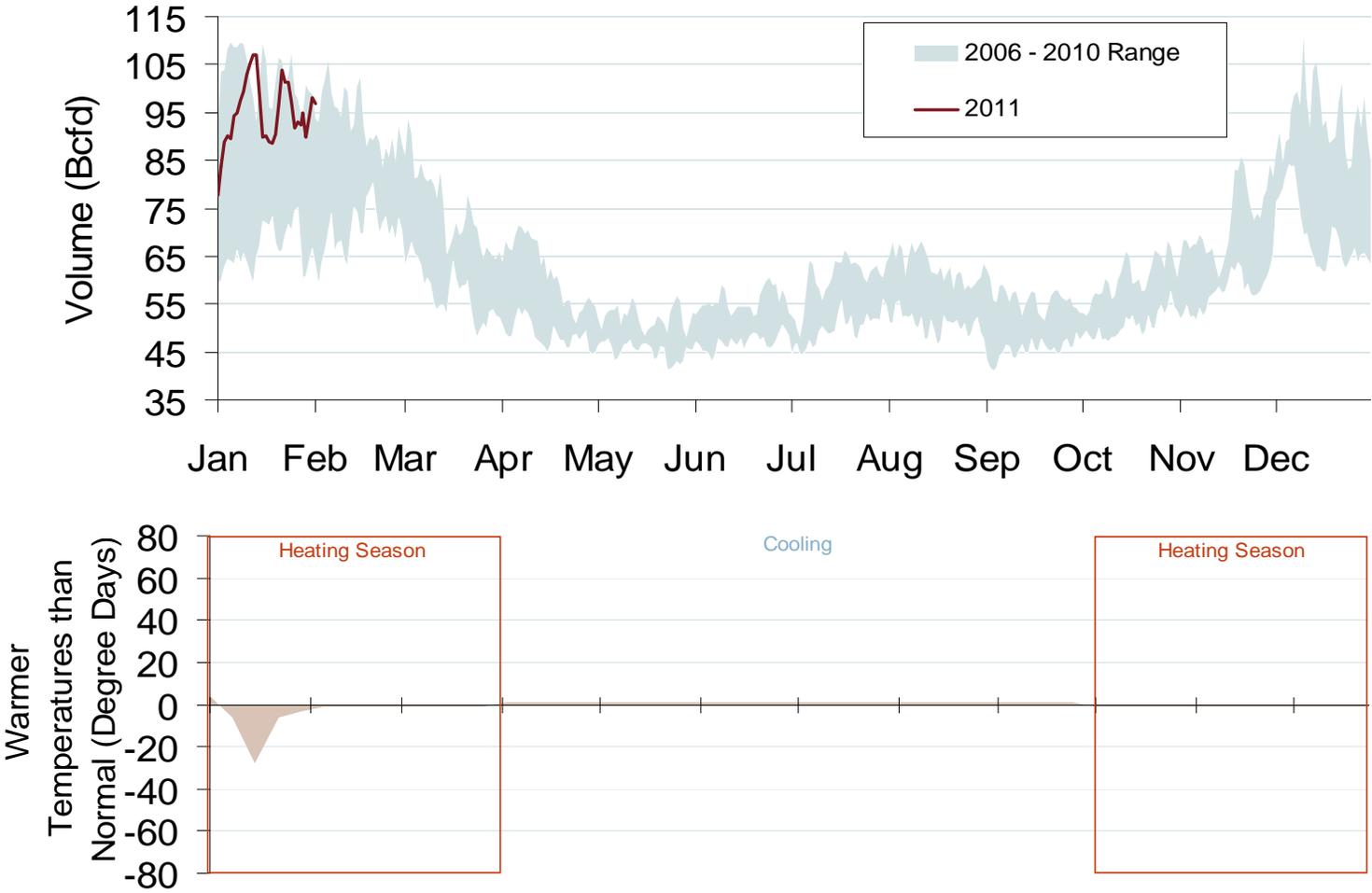
Updated: February 03, 2011

Northeastern Monthly Average Basis Value to Henry Hub



Source: Derived from *Platts* data.
February 2011 Mid-Atlantic Snapshot Report

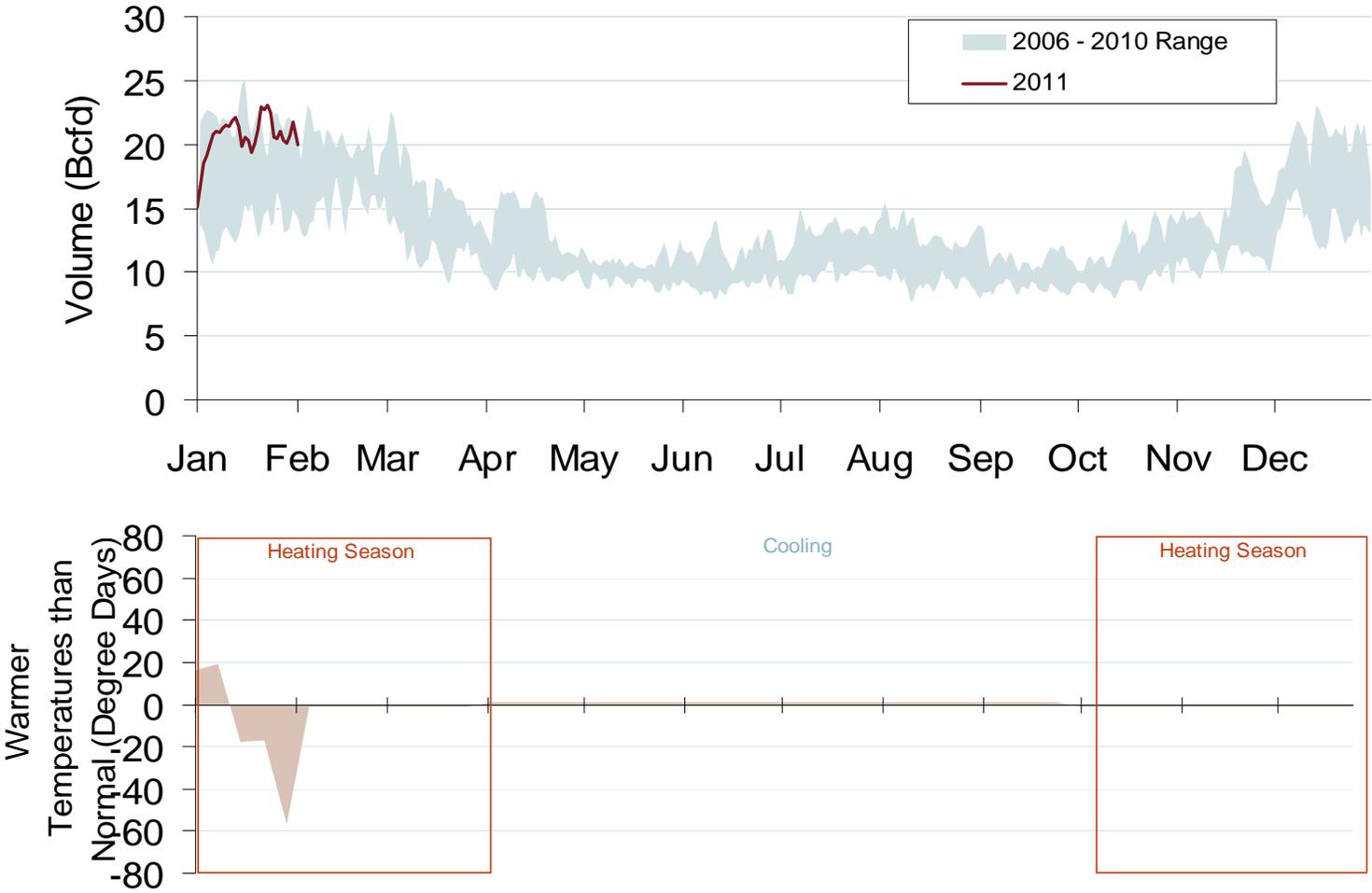
Total U.S. Natural Gas Demand (All Sectors) and Temperatures



Source: Derived from *Bentek Energy* and *Weekly NOAA* data.

Updated: February 03, 2011

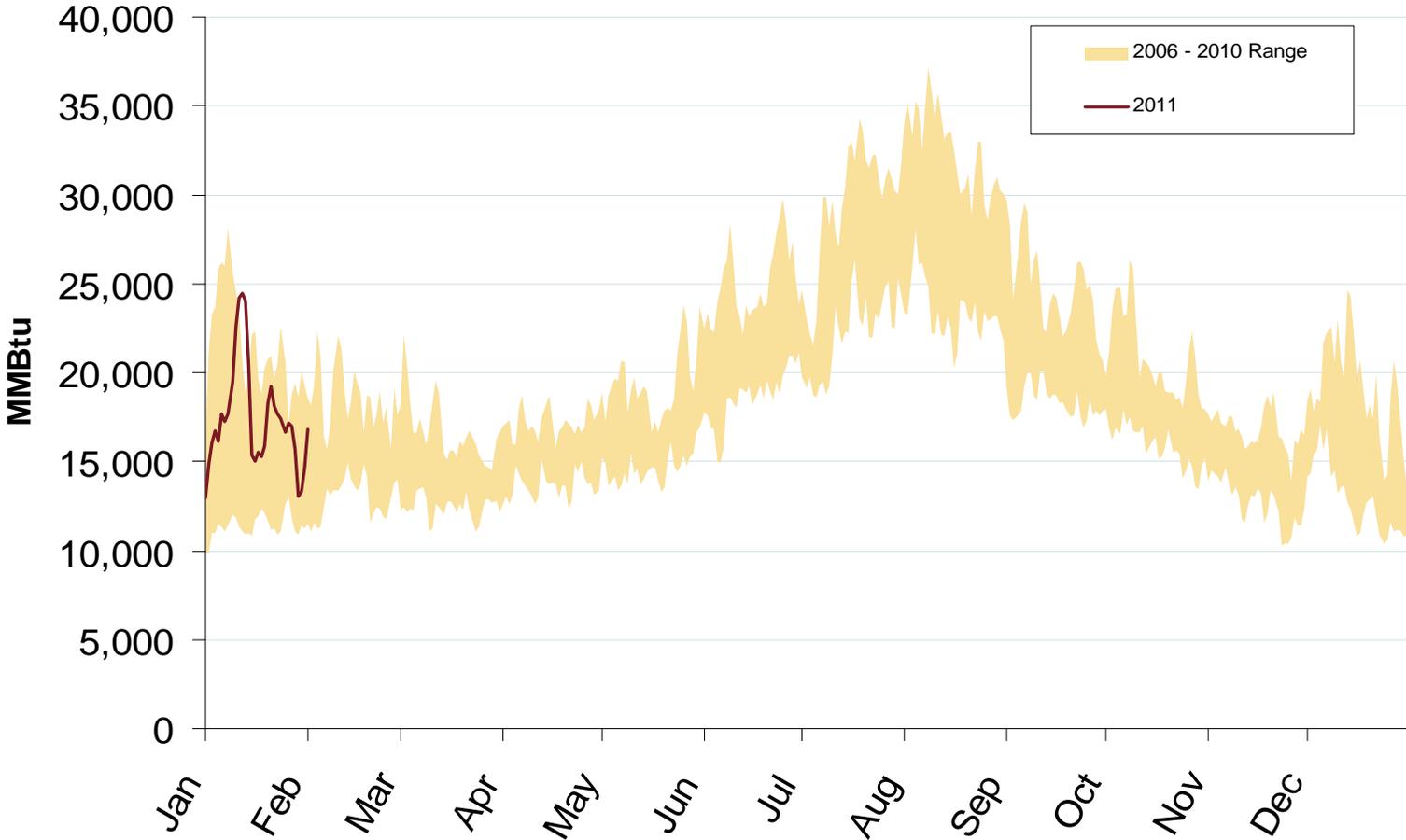
Daily Northeast Natural Gas Demand All Sectors



Source: Derived from *Bentek Energy* and *Weekly NOAA* data.

Updated: February 03, 2011

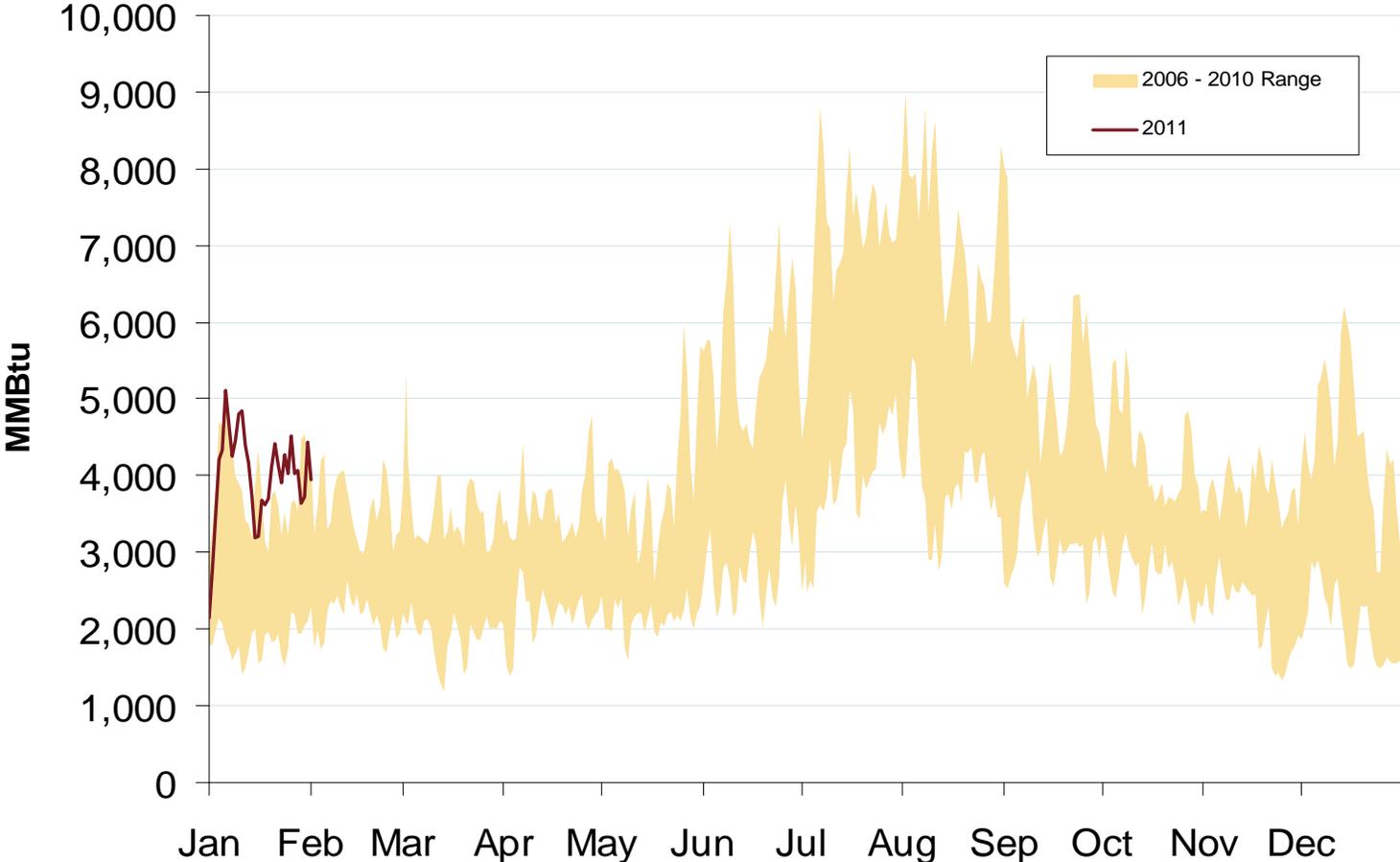
U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data.

Updated: February 03, 2011

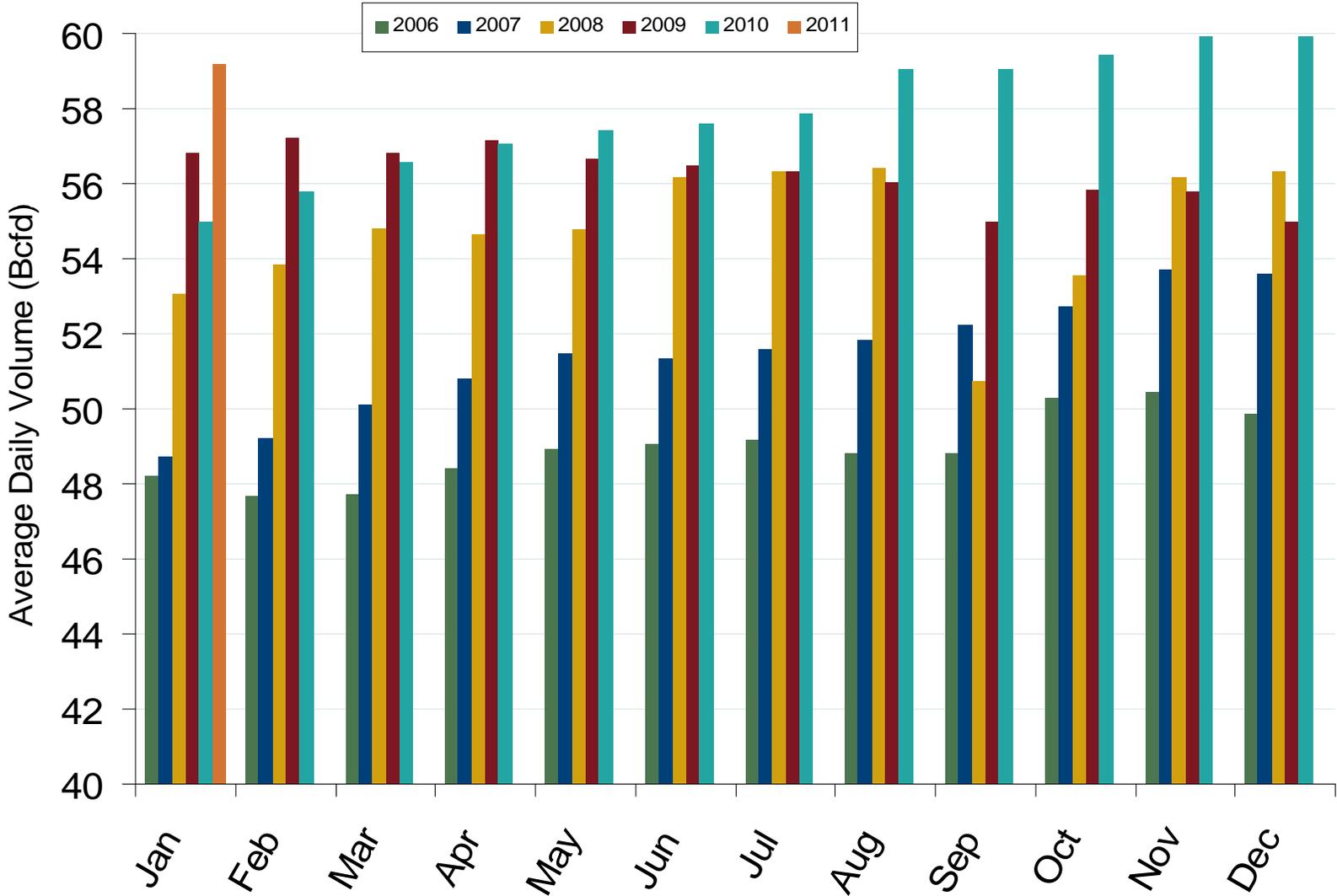
Northeast Natural Gas Consumption for Power Generation



Source: Derived from Bentek Energydata.

Updated: February 03, 2011

U.S. Dry Gas Production



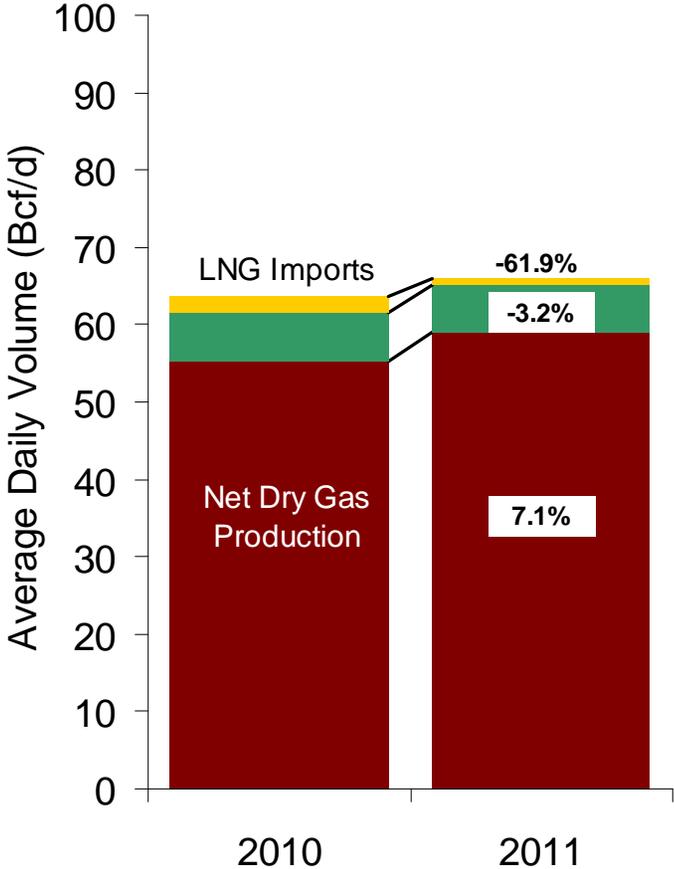
Source: Derived from EIA and Bentek data.
February 2011 Mid-Atlantic Snapshot Report

Updated February 7, 2011

U.S. Natural Gas Supply and Demand 2010 vs. 2011: January

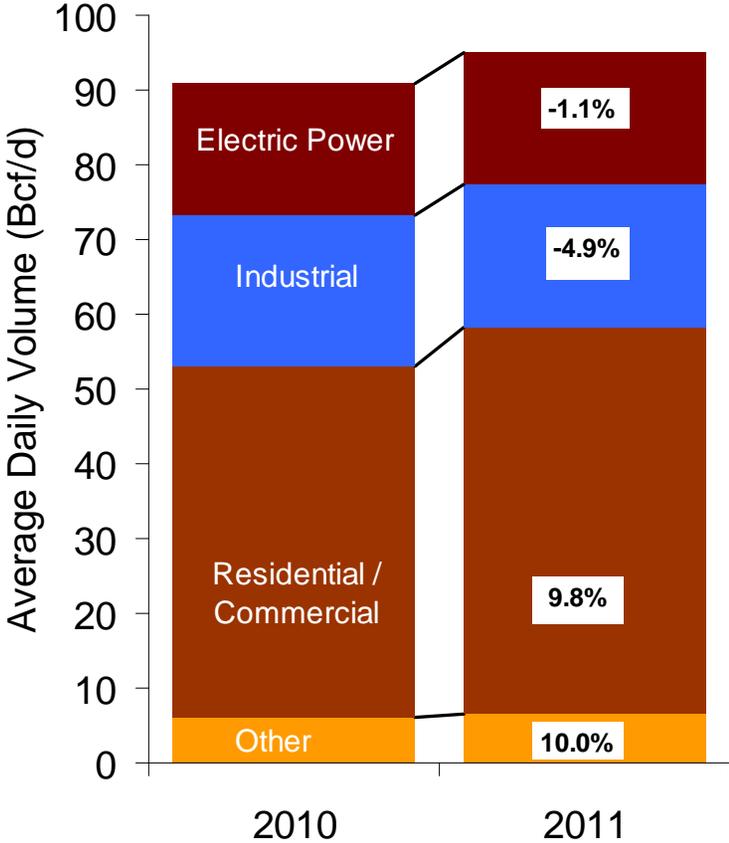
US Natural Gas Supply

Total Change in Supply 1.6%



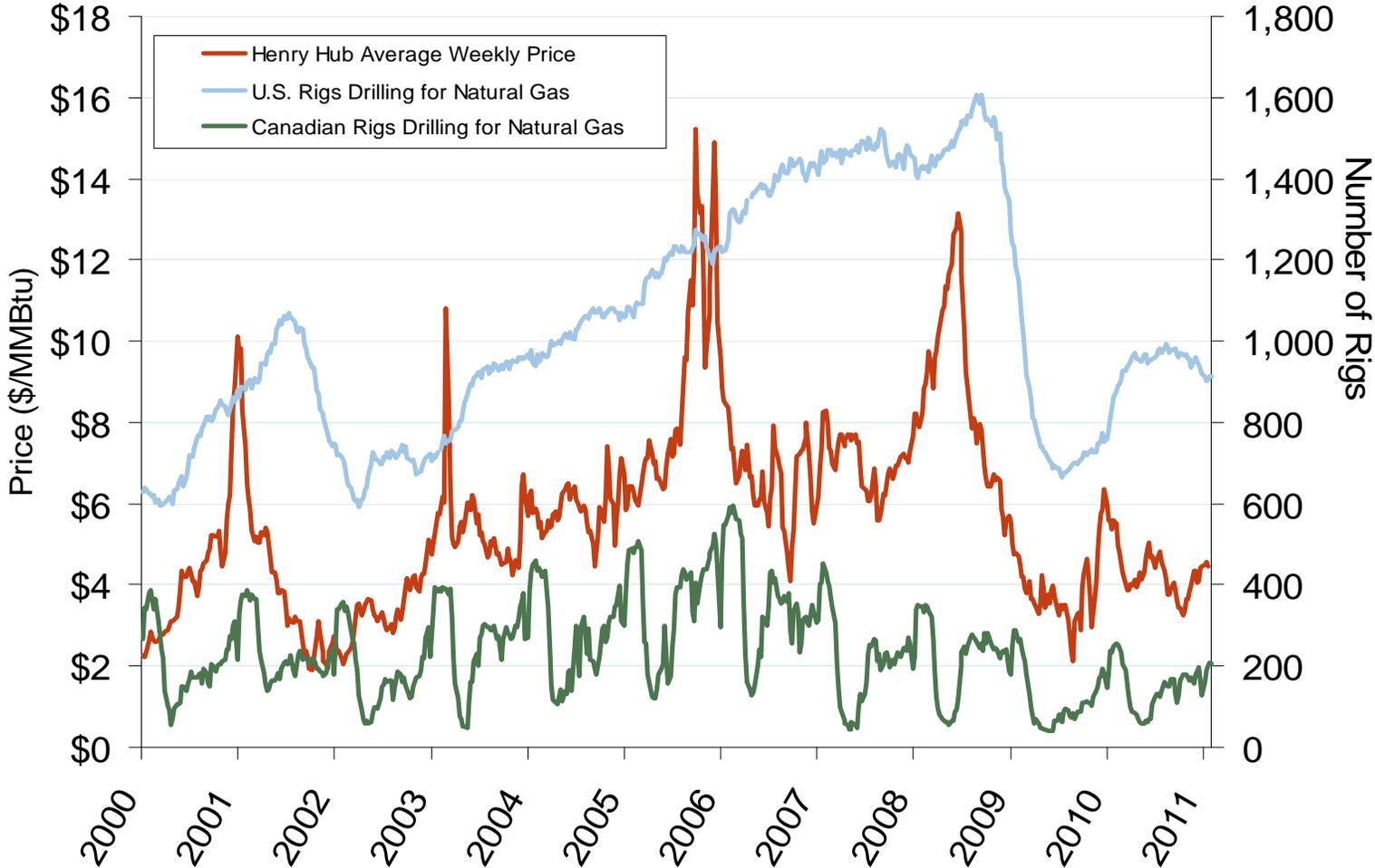
US Natural Gas Demand

Total Change in Demand 4.5%



Source: Derived from *Bentek* data.
February 2011 Mid-Atlantic Snapshot Report

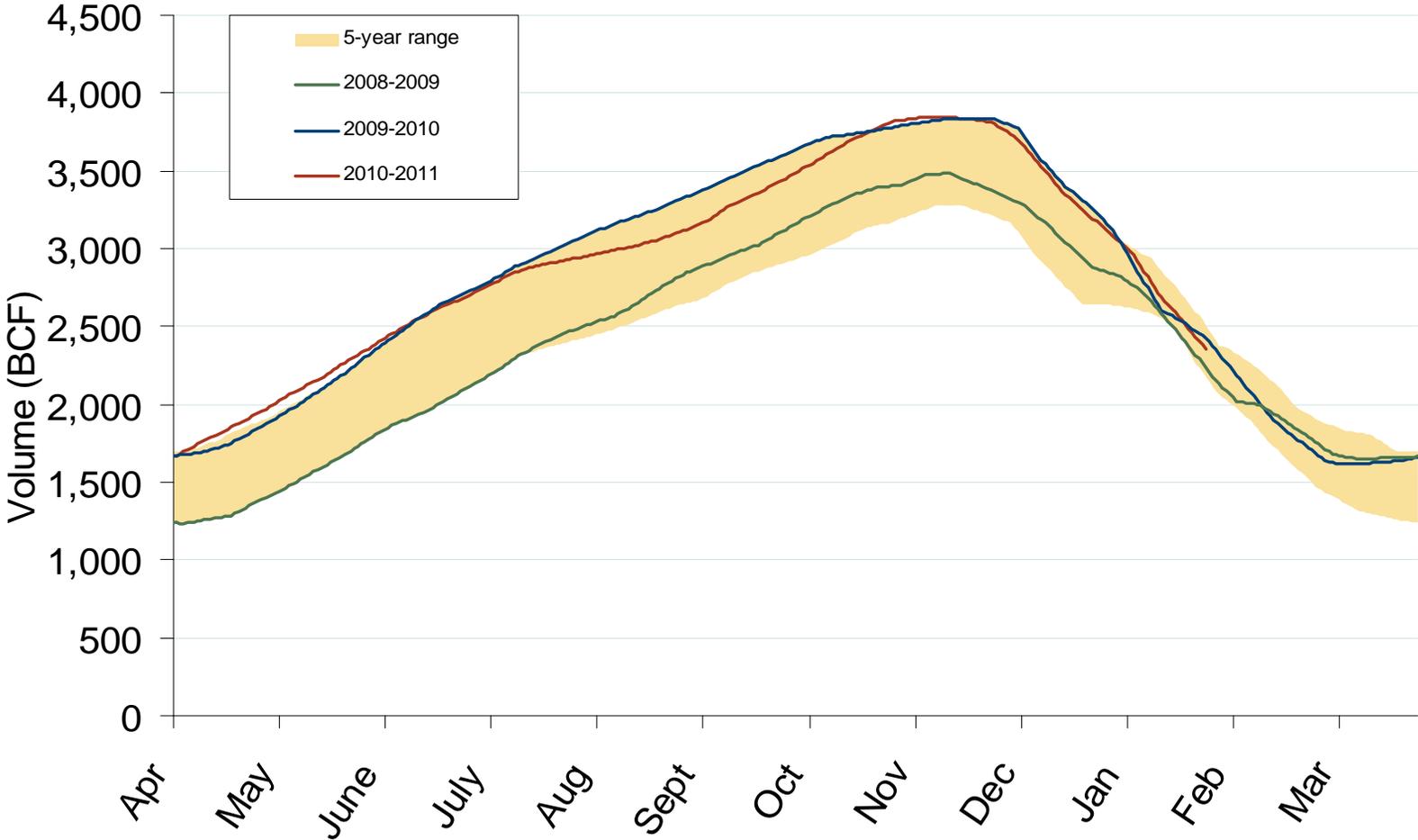
U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



Source: Derived from *Platts* and *Baker Hughes* data.

Updated: February 3, 2011

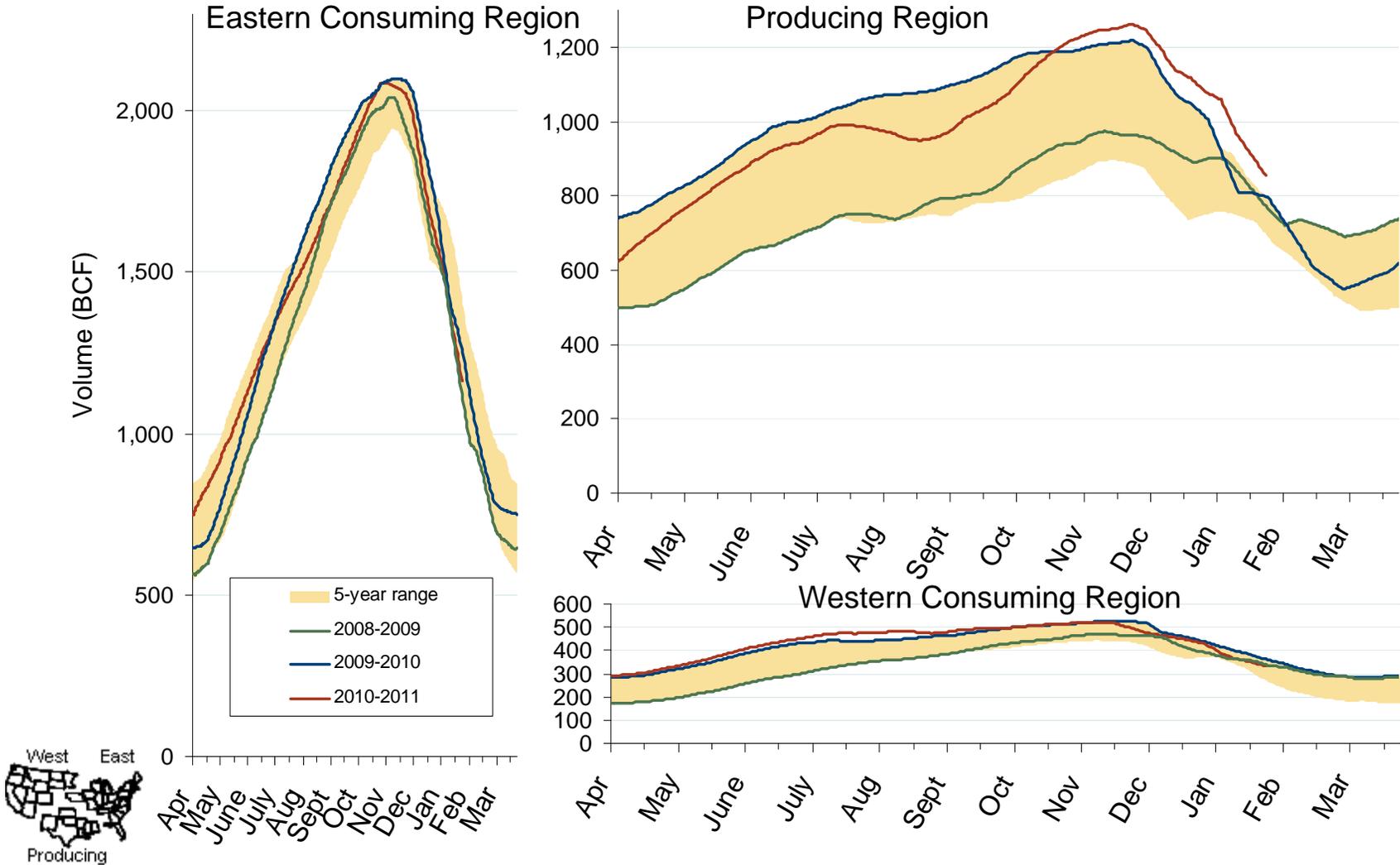
Total U.S. Working Gas in Storage



Source: Derived from EIA data.
February 2011 Mid-Atlantic Snapshot Report

Updated February 7, 2011

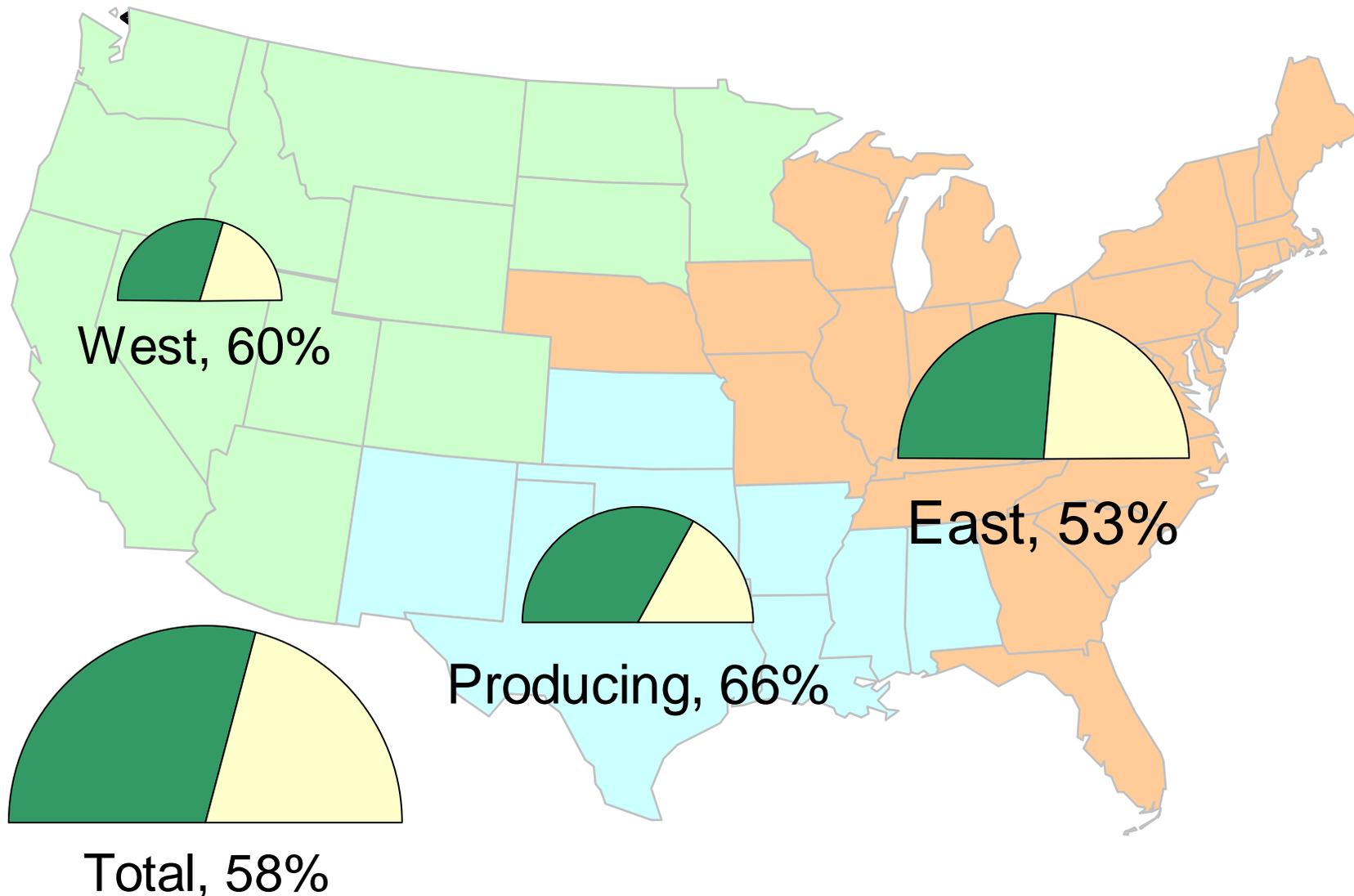
Regional Totals of Working Gas in Storage



Source: Derived from EIA data.
February 2011 Mid-Atlantic Snapshot Report

Updated February 7, 2011

Natural Gas Storage Inventories – January 28, 2011



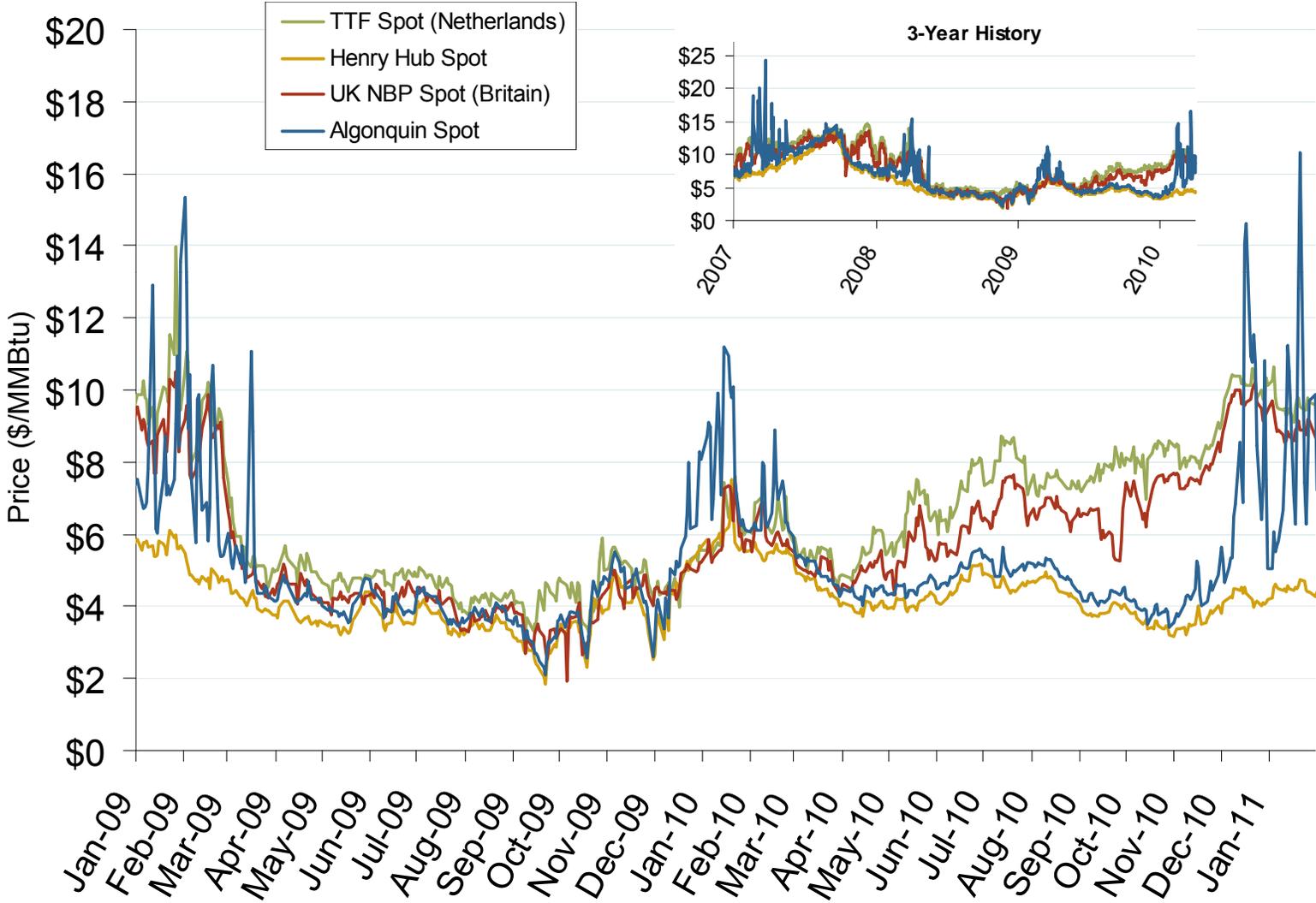
Source: Derived from *EIA Storage* and *Estimated Working Gas Capacity* data.

February 2011 Mid-Atlantic Snapshot Report

Updated February 7, 2011

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Atlantic Basin European and US Spot Natural Gas Prices



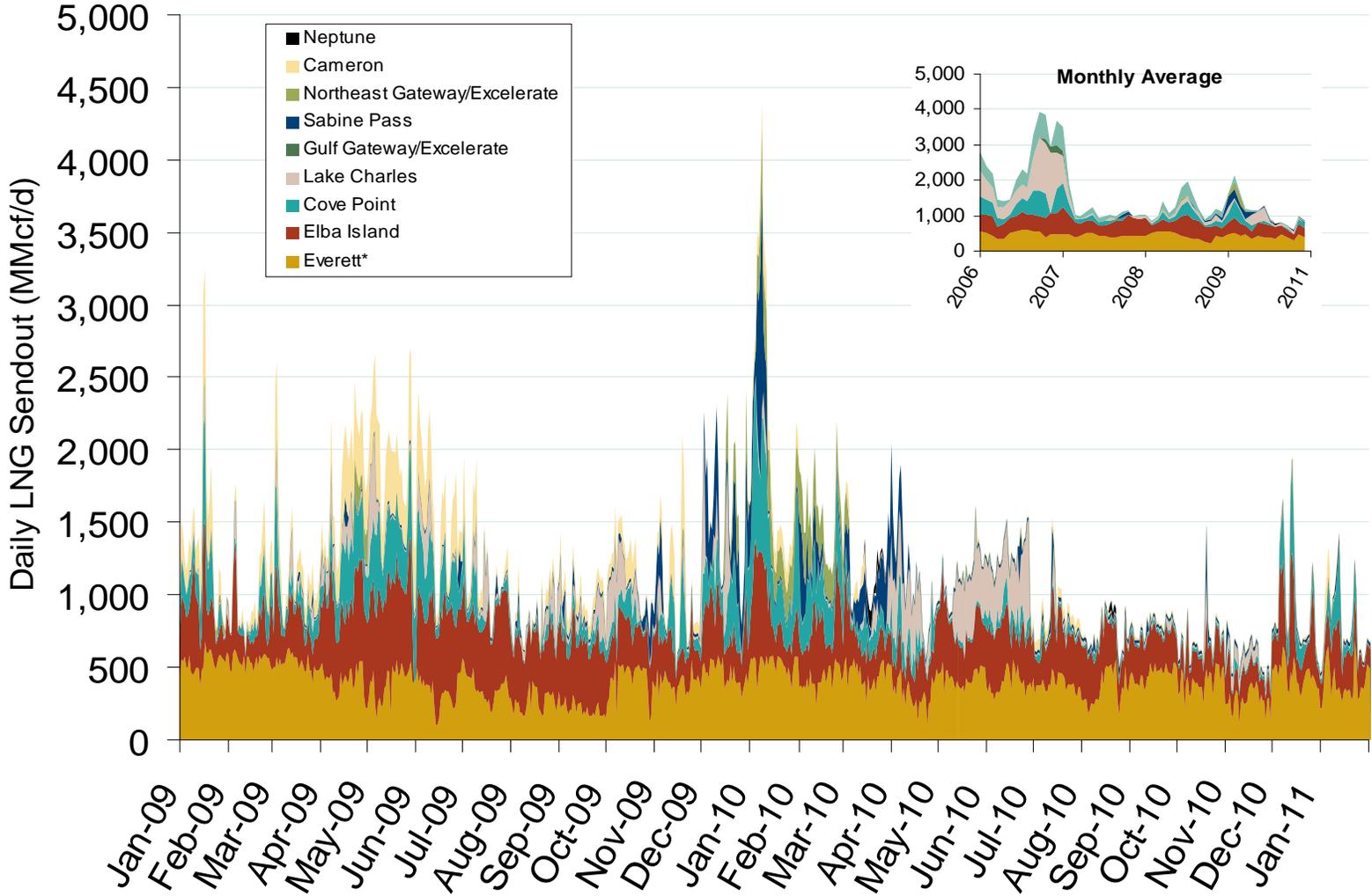
Source: Derived from *Bloomberg and ICE data.*

Updated: February 07, 2011

World LNG Estimated March 2011 Landed Prices



Daily Gas Sendout from Existing U.S. LNG Facilities

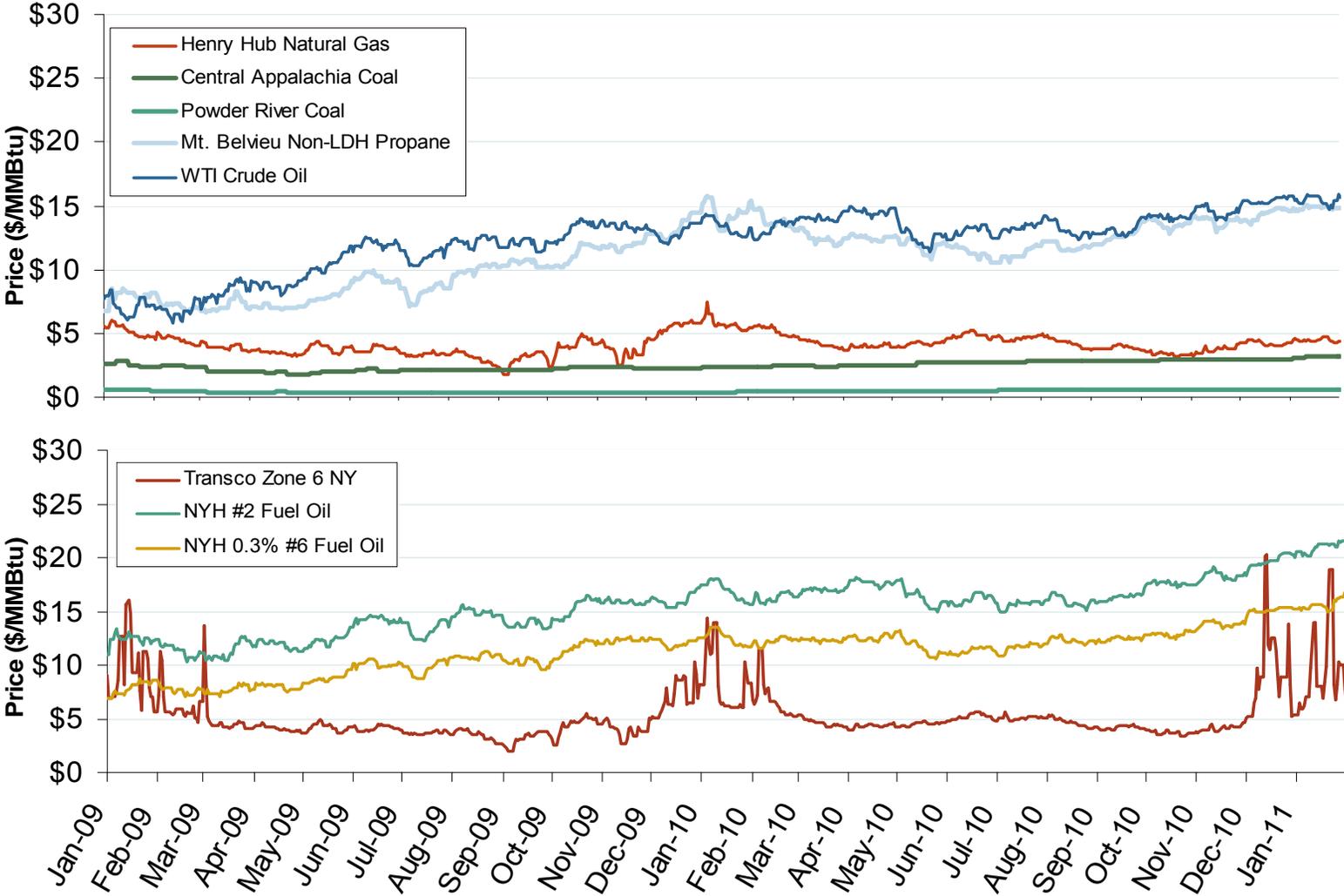


Source: Derived from Bentek data.

* Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan Boston Gas, and LNG trucked out of the terminal. Excludes Freeport LNG which flows via intrastate pipelines.

Updated February 7, 2011

Oil, Coal, Natural Gas and Propane Daily Spot Prices



Source: Derived from ICE and Bloomberg data.

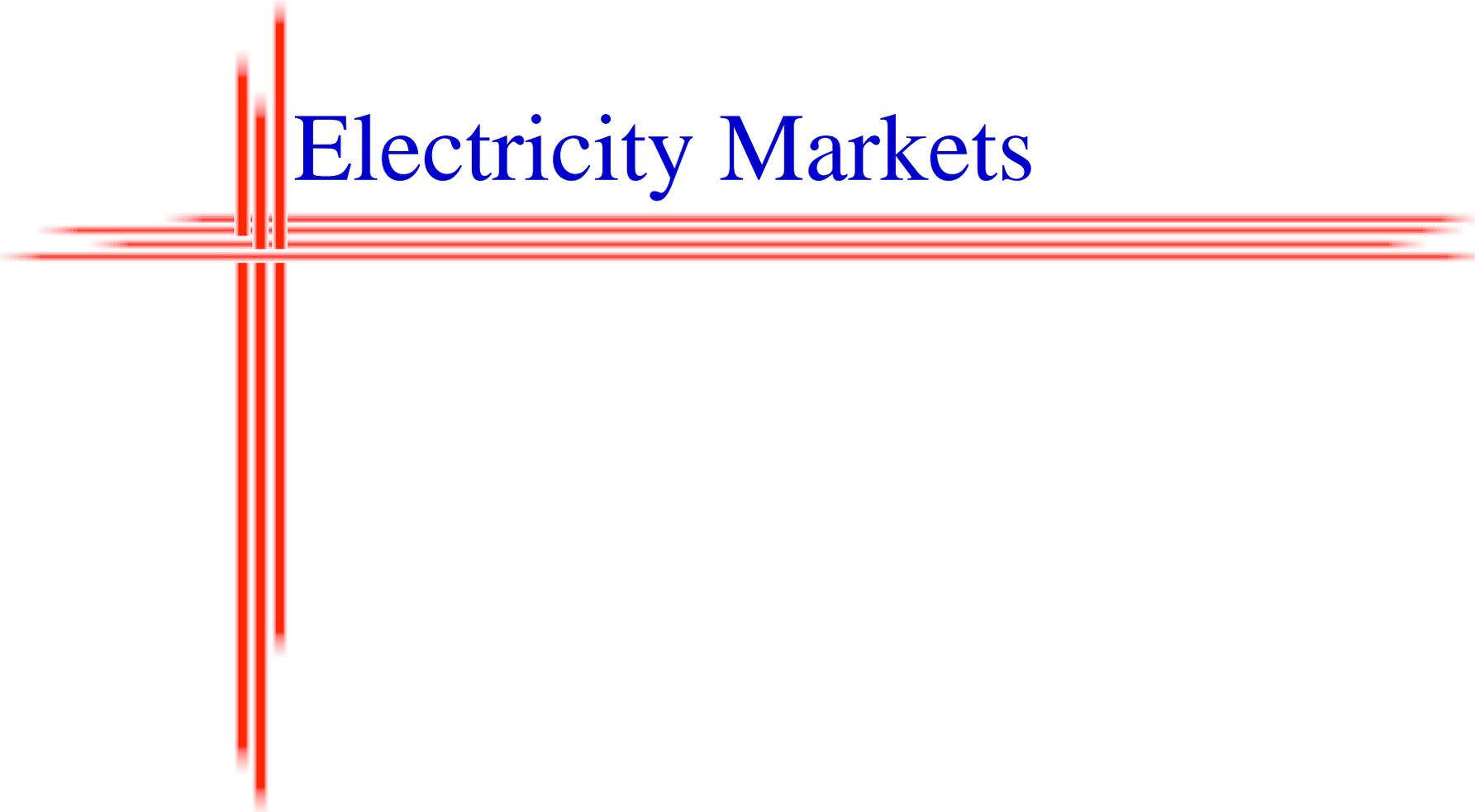
Note: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal.

Updated: February 07, 2011

Regional Coal Spot Prices

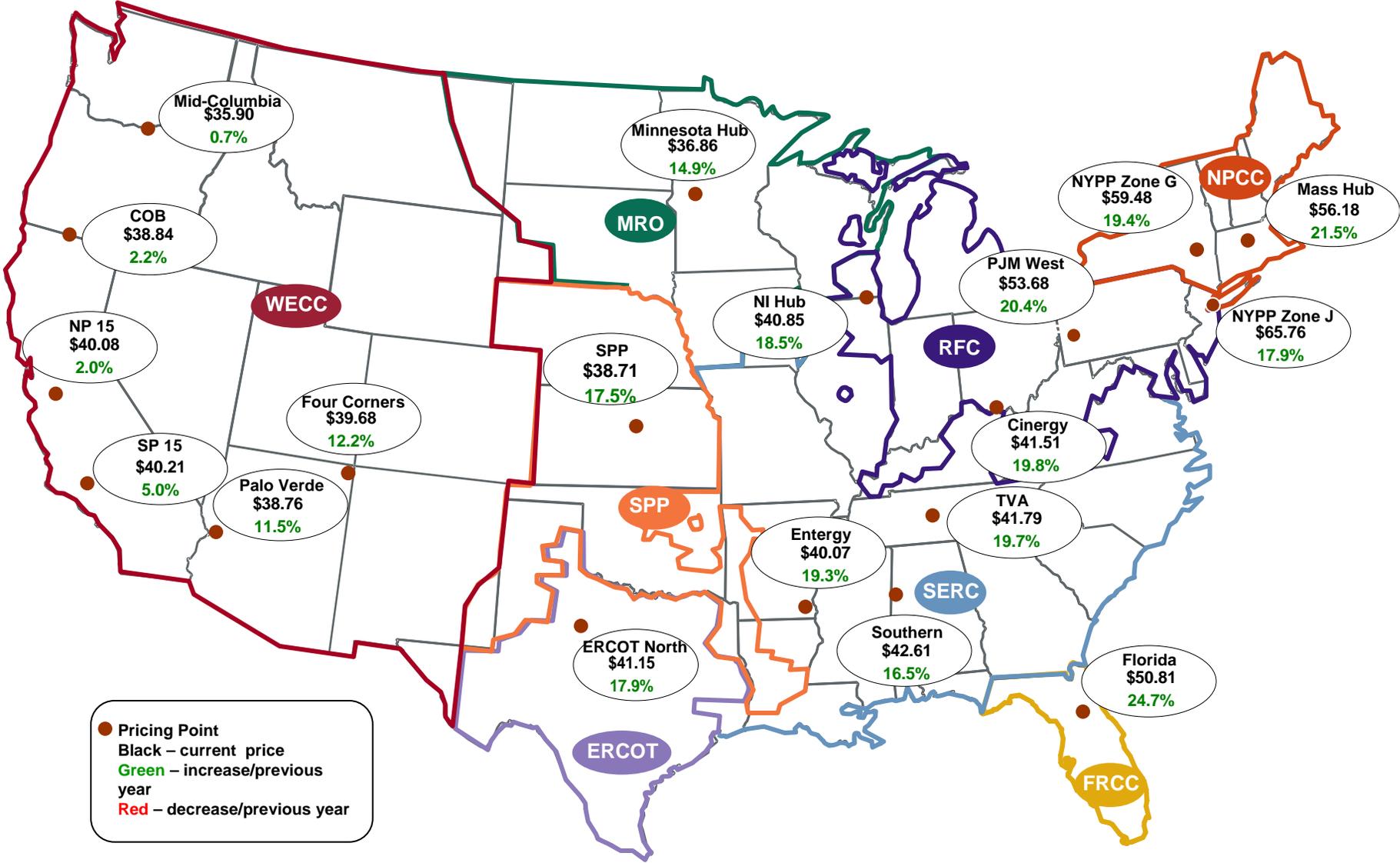


Note: the Central Appalachian (CAPP) coal is priced at Big Sandy. All others are mine mouth prices. Prices do not include transportation costs to a plant, as those can vary widely by contract specifications. Prices exclude incremental cost of emissions allowances.



Electricity Markets

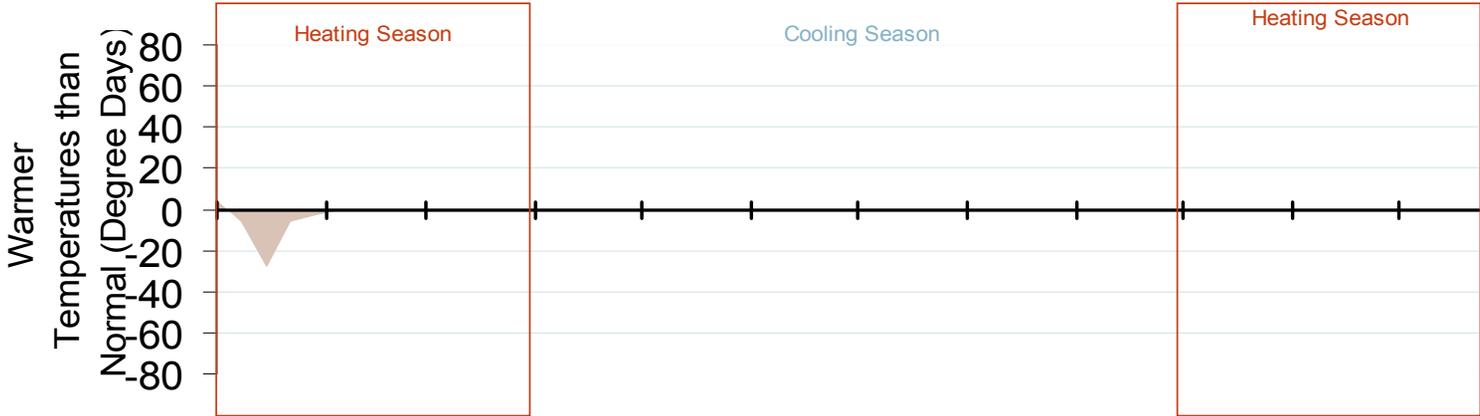
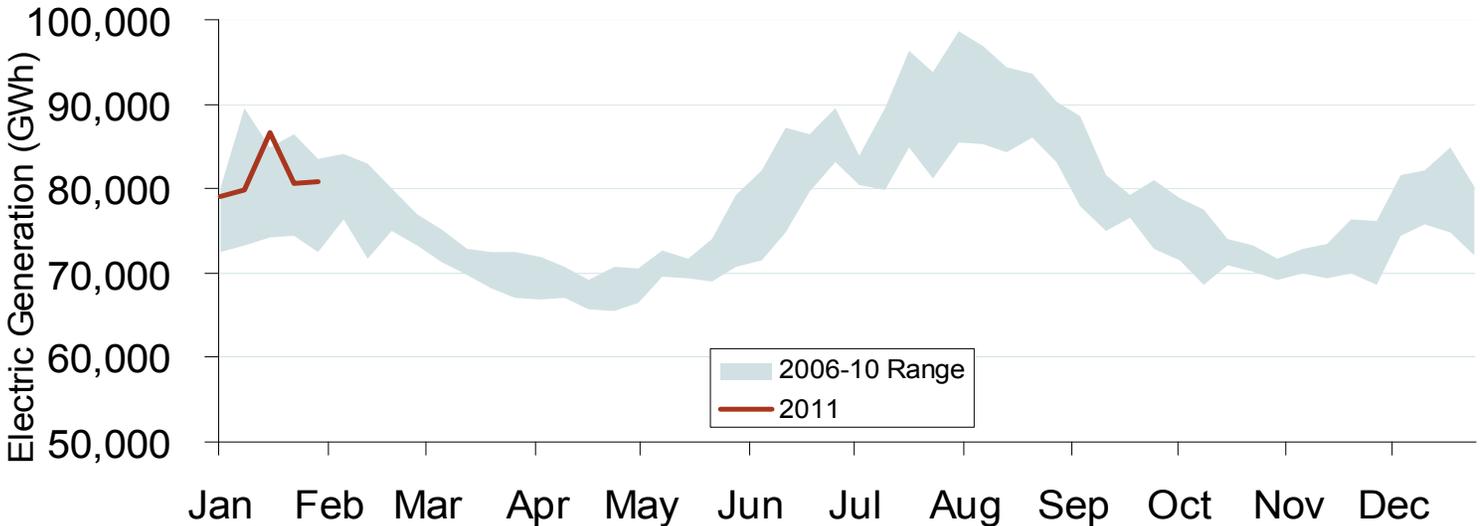
Average On-Peak Spot Electric Prices 2010 (\$/MWh)



Source: Derived from *Platts* data.
February 2011 Mid-Atlantic Snapshot Report

Updated January 4, 2011

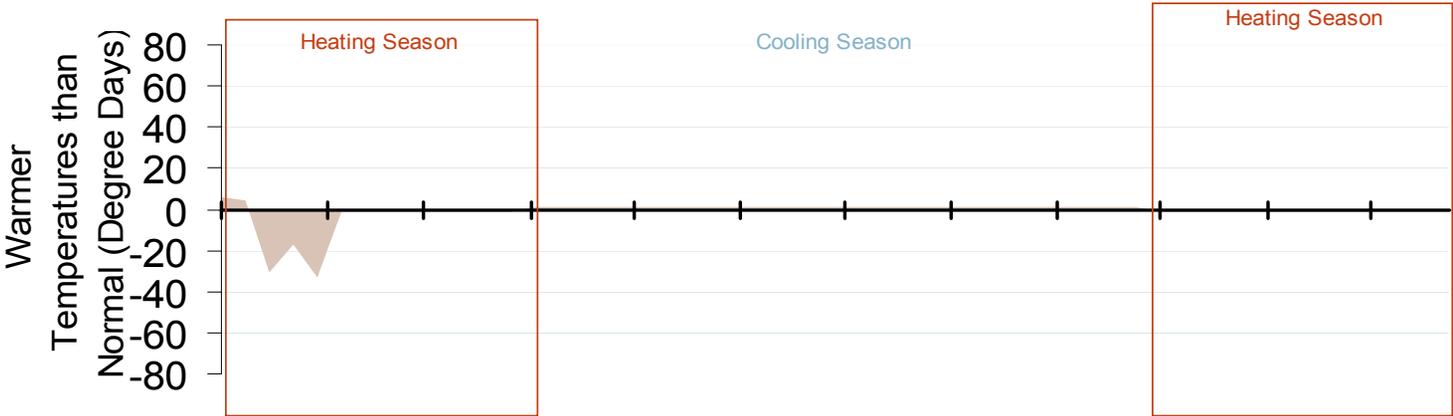
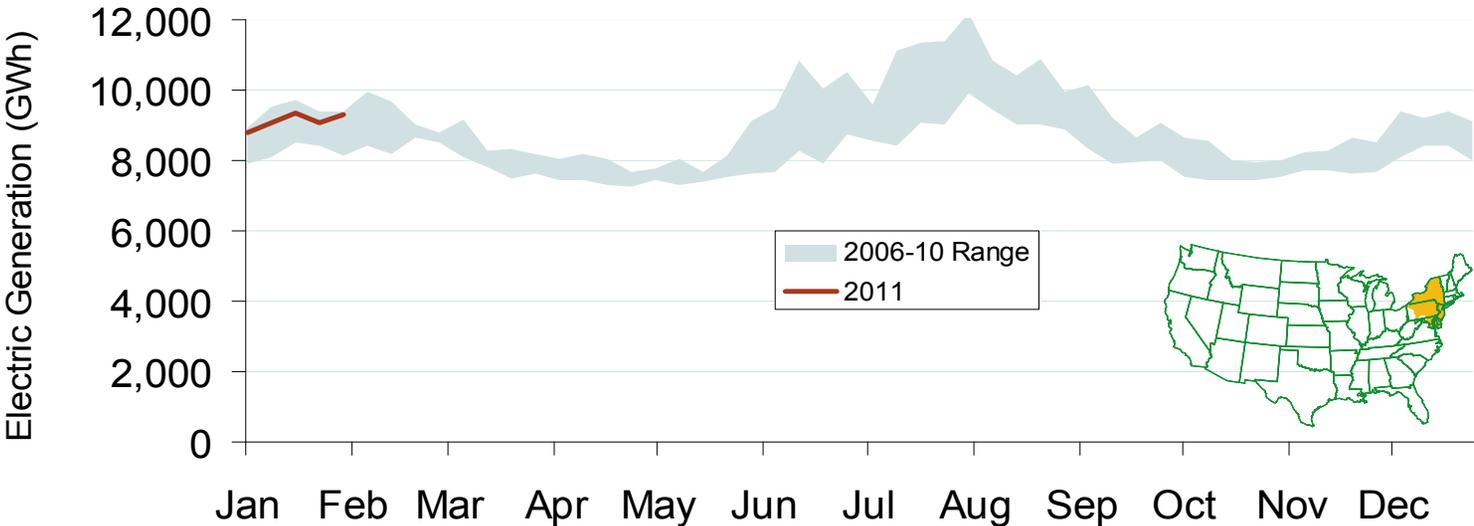
Weekly U.S. Electric Generation Output and Temperatures



Source: Derived from EEI and NOAA data.

Updated: February 04, 2011

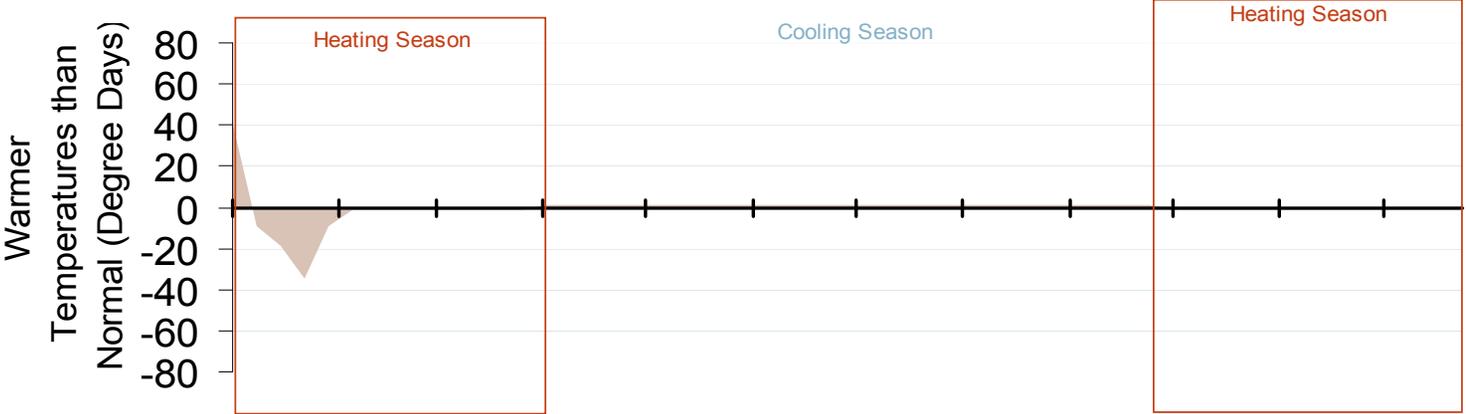
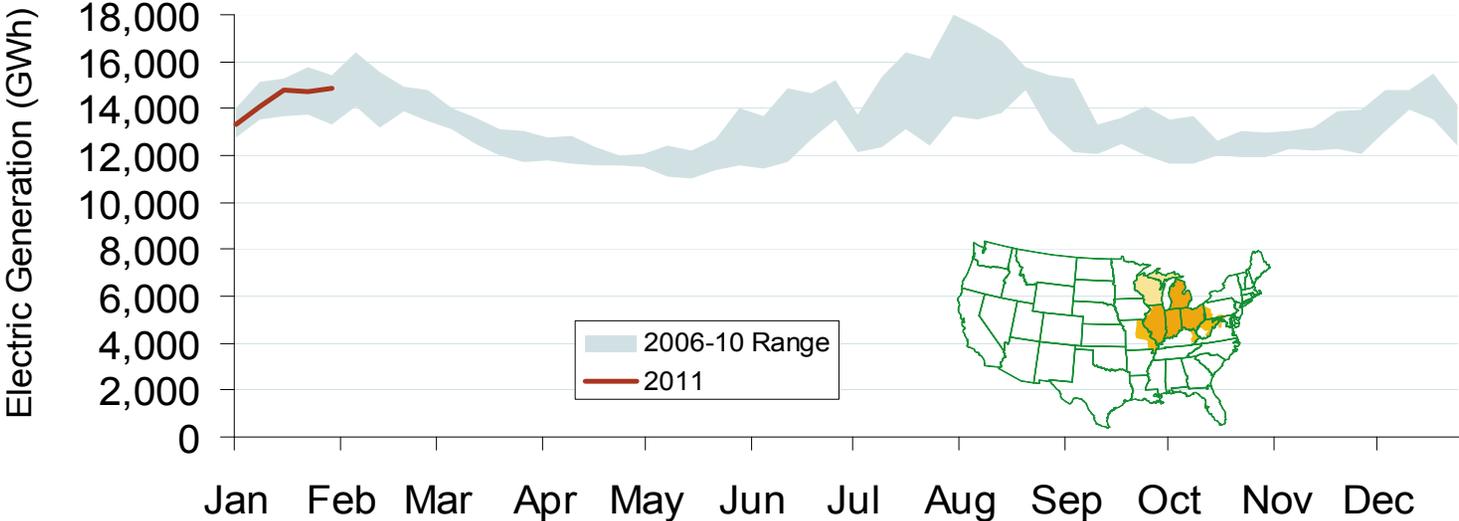
Weekly Electric Generation Output and Temperatures PJM



Source: Derived from *EI* and NOAA data.

Updated: February 04, 2011

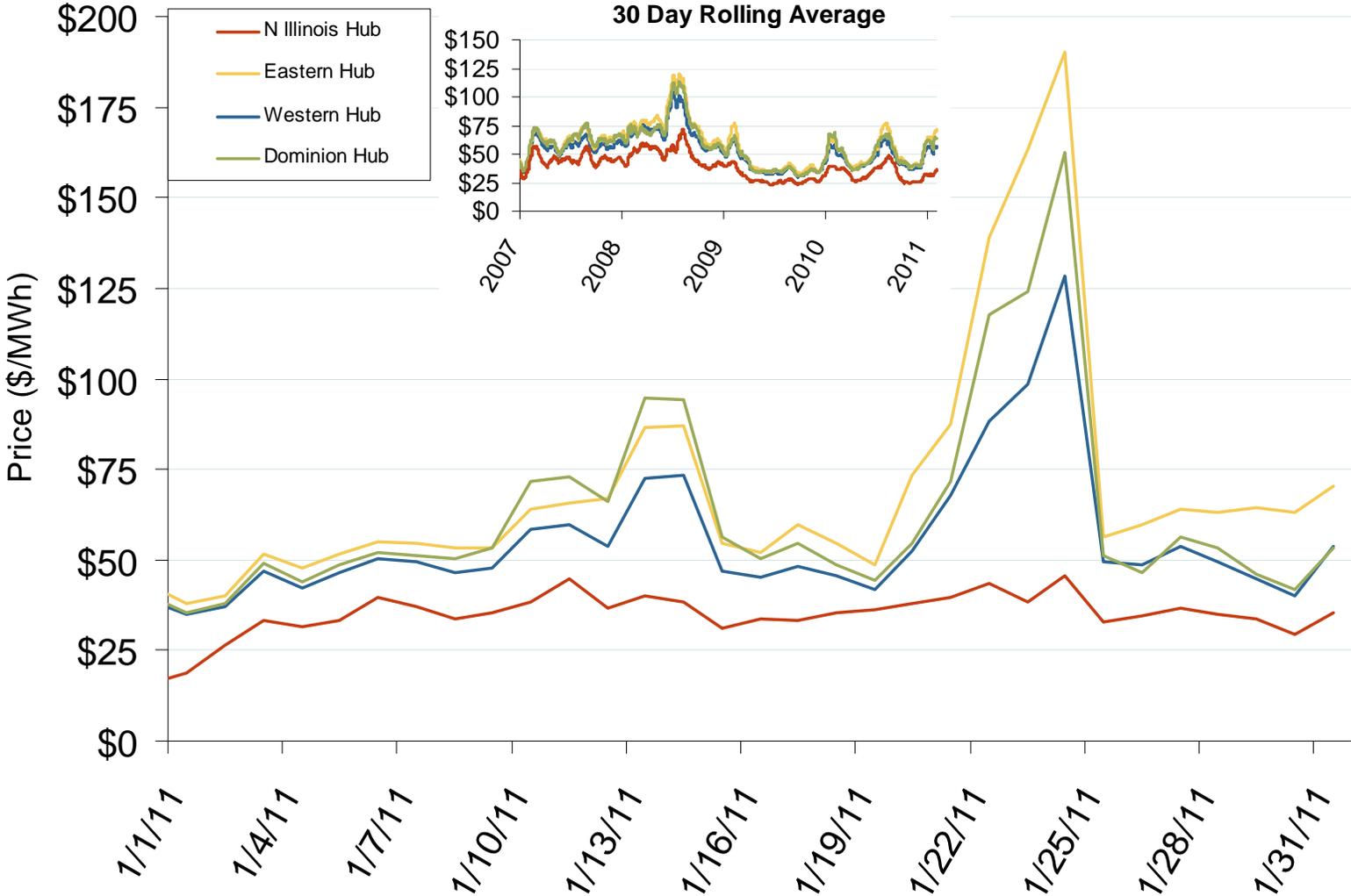
Weekly Electric Generation Output and Temperatures PJM



Source: Derived from *EI* and *NOAA* data.

Updated: February 04, 2011

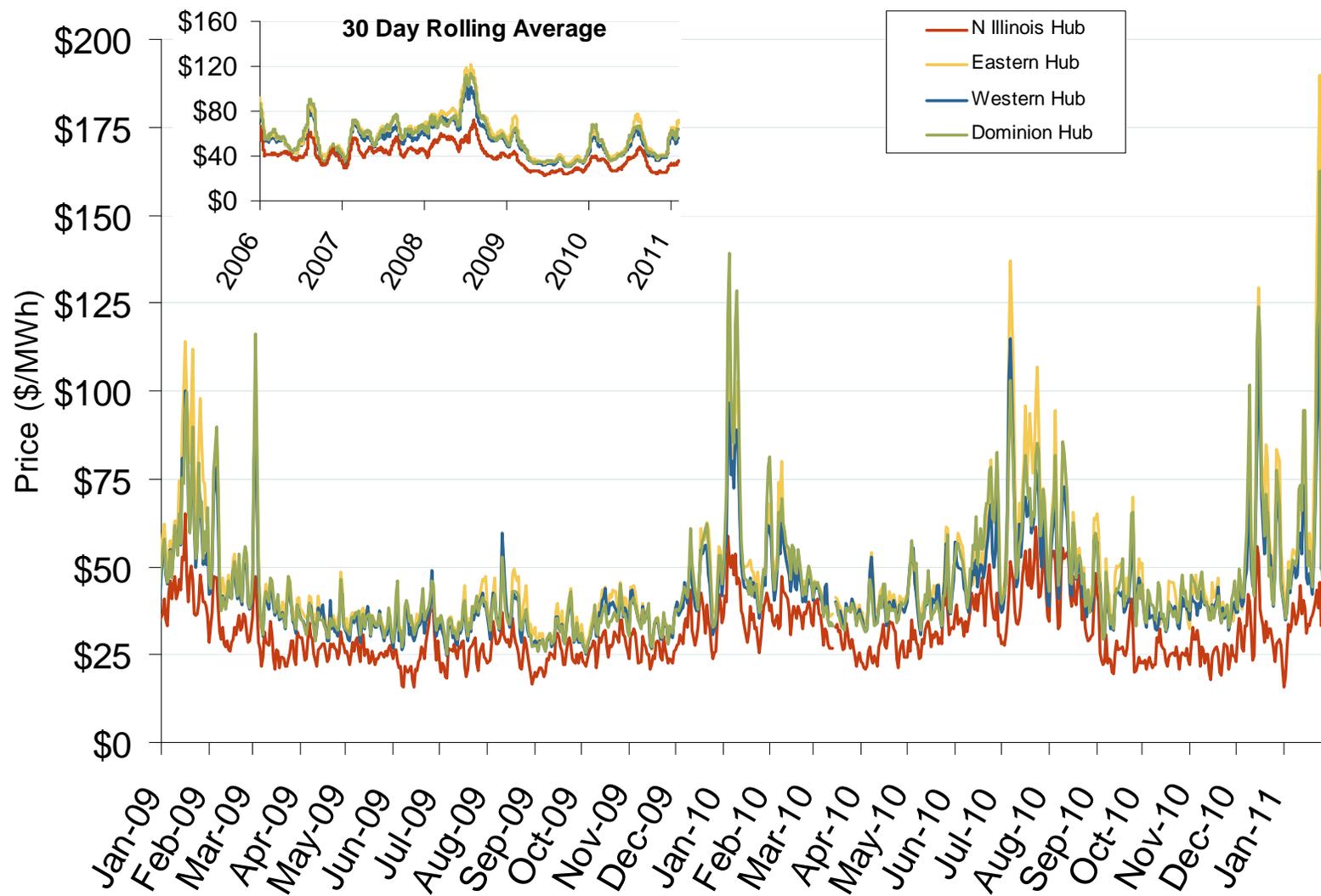
Daily Average of PJM Day-Ahead Prices - All Hours



Source: Derived from Bloomberg PJM data.

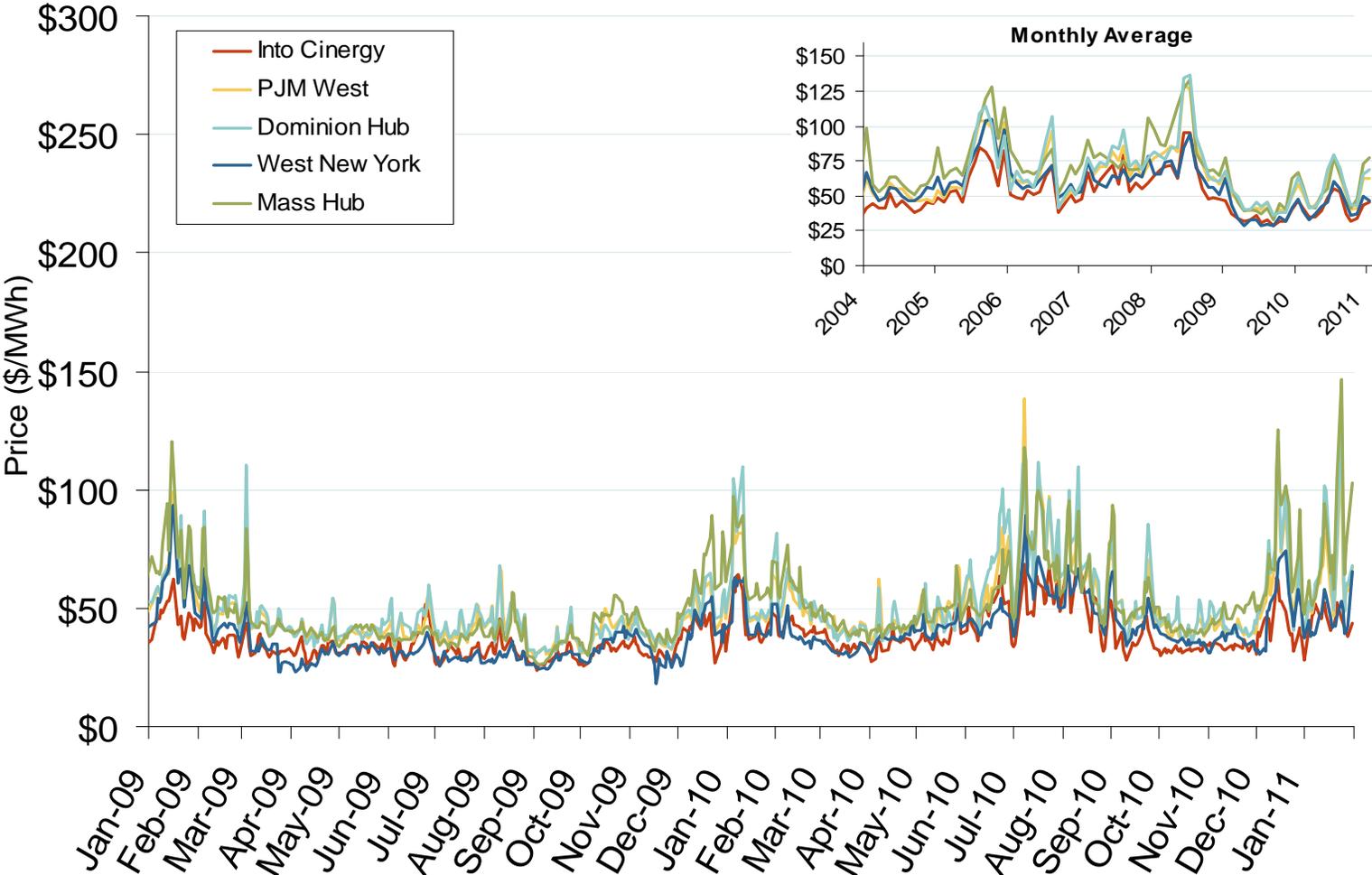
Updated: February 7, 2011

Daily Average of PJM Day-Ahead Prices - All Hours

Source: Derived from *Bloomberg* data.

Updated: February 7, 2011

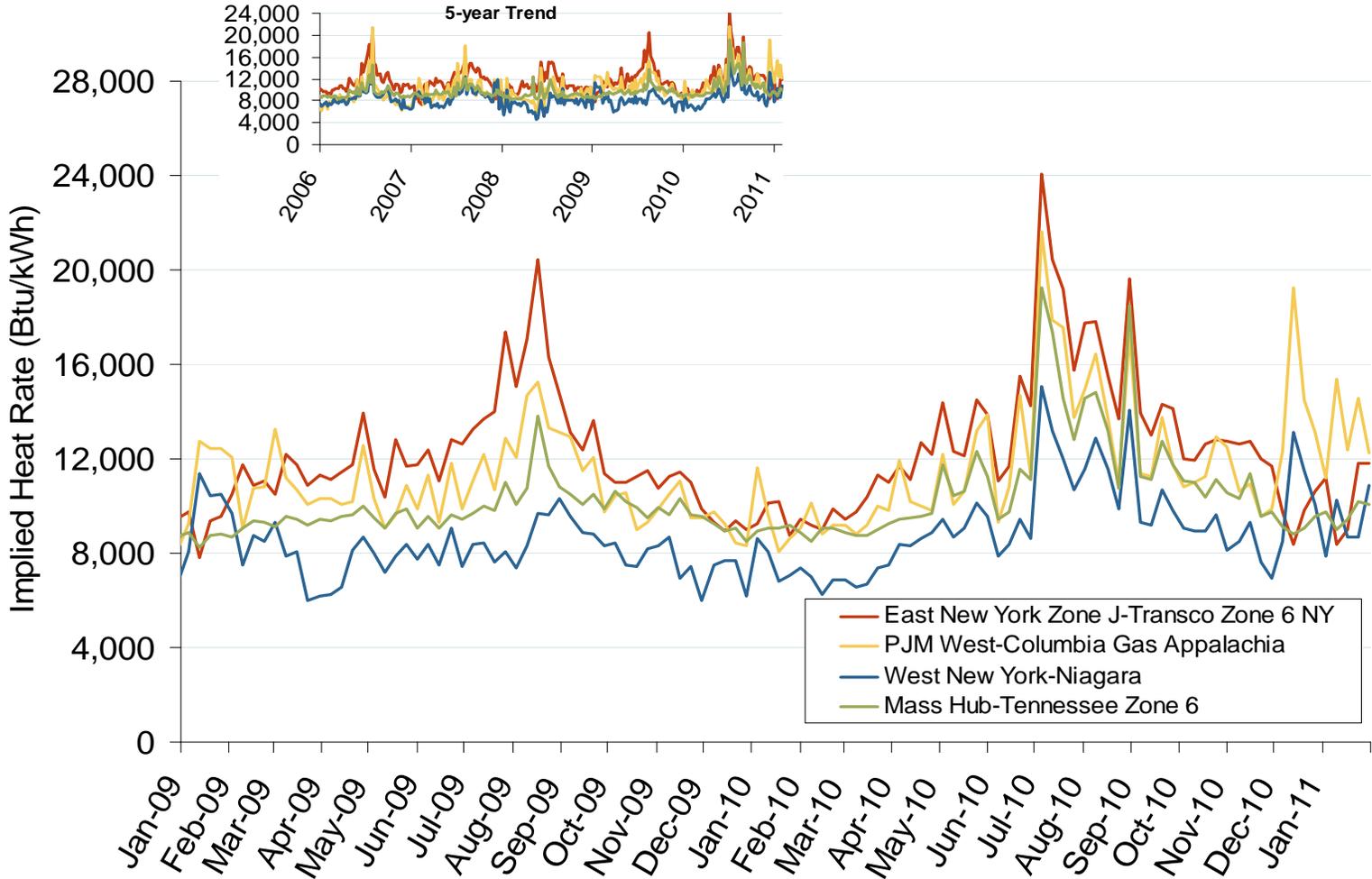
Eastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: February 03, 2011

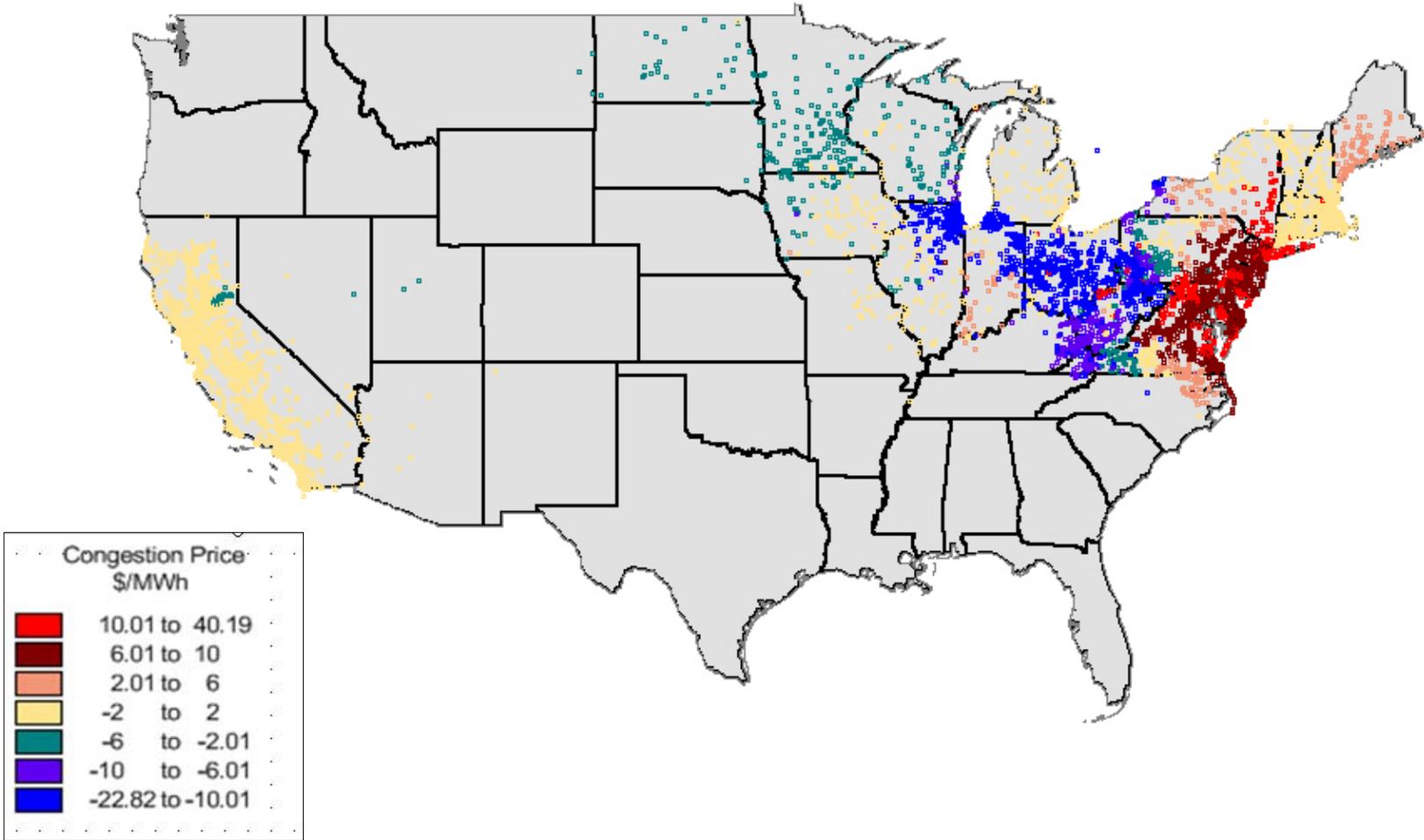
Implied Heat Rates at Eastern Trading Points Weekly Averages



Source: Derived from *Platts* on-peak electric and natural gas price data.

Updated: February 04, 2011

Day Ahead On-Peak Congestion Average Monthly Prices January 2011



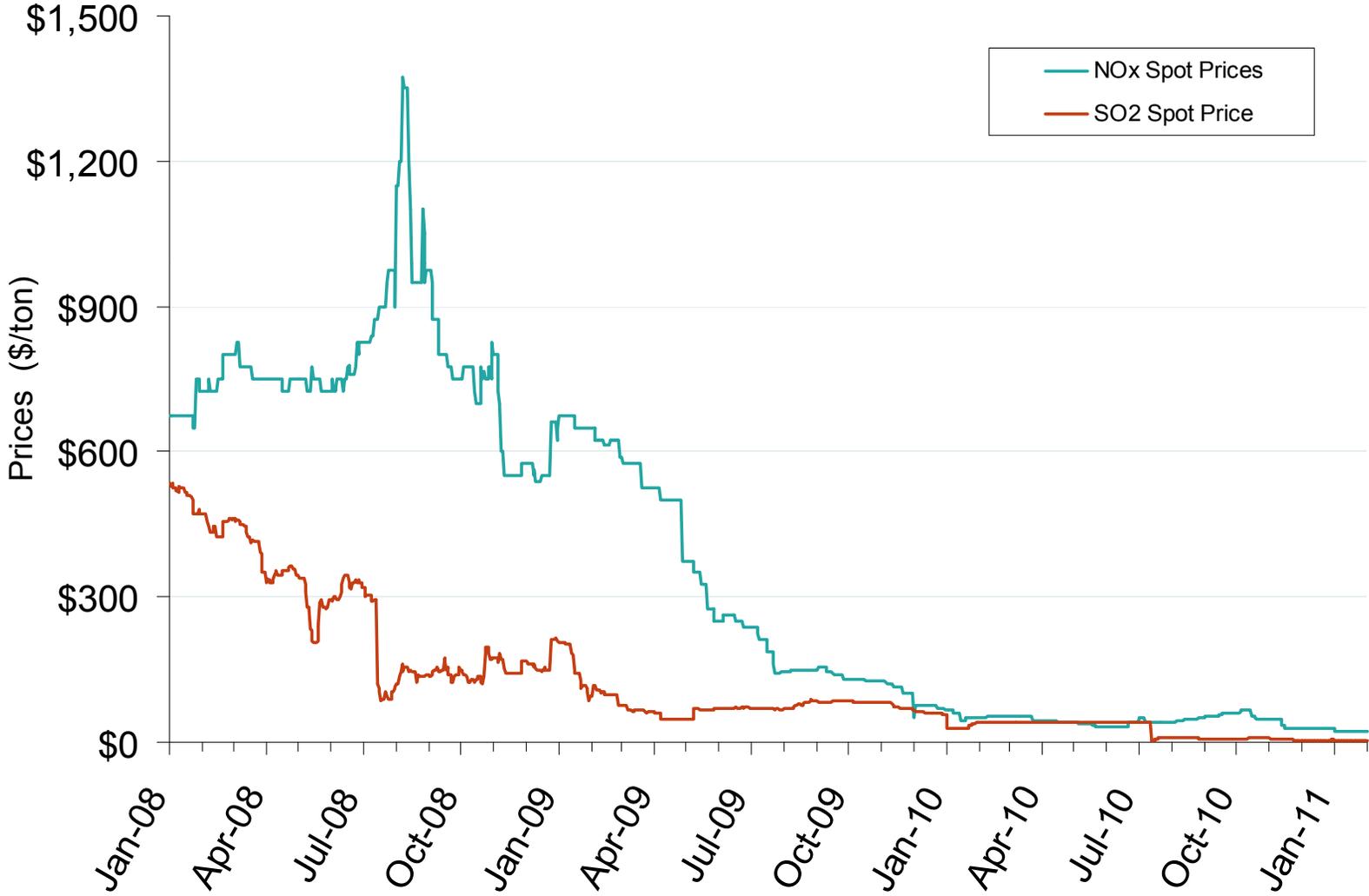
Source: *Velocity Suite*

February 2011 Mid-Atlantic Snapshot Report

Updated February 3, 2011

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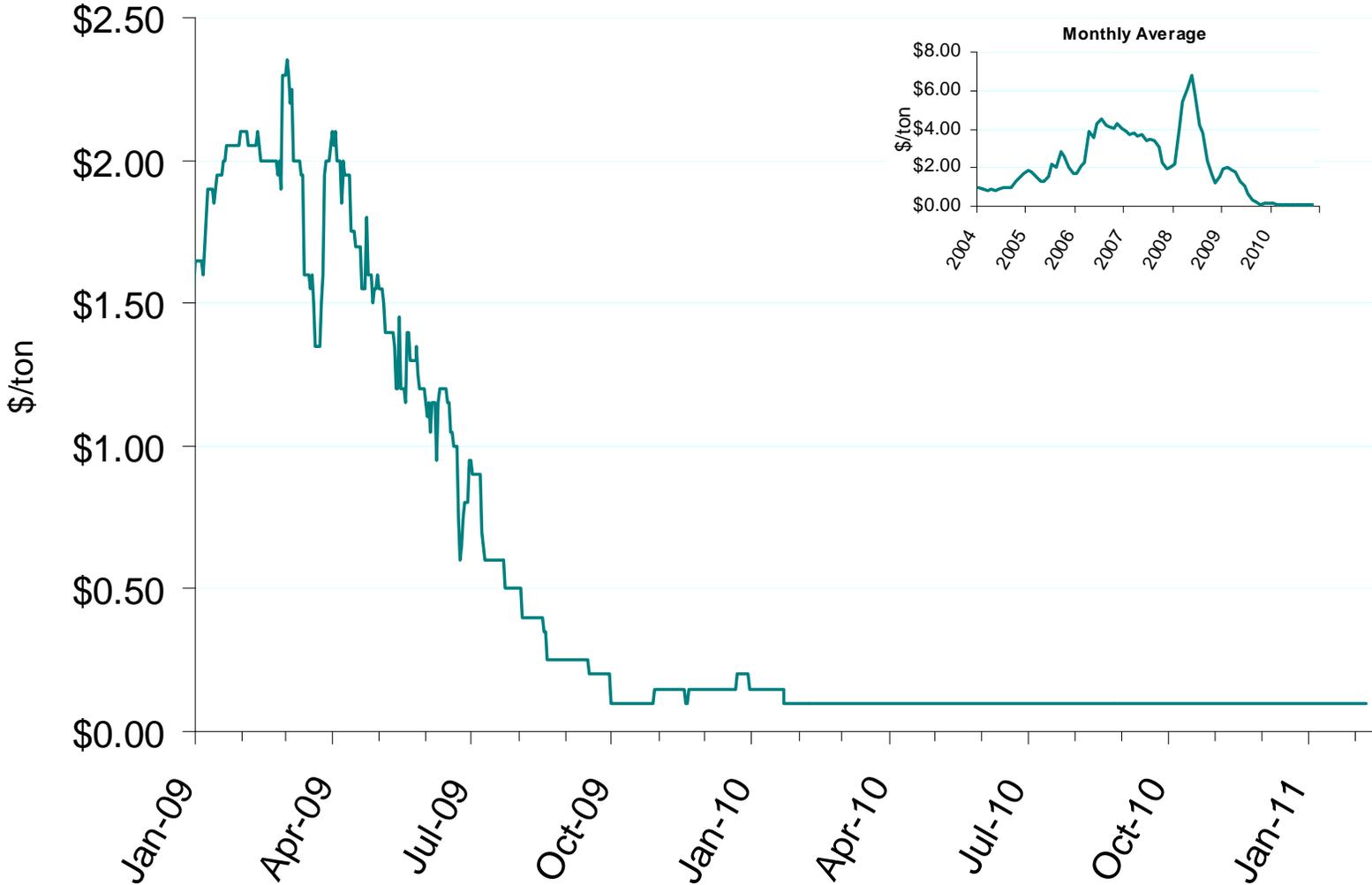
SO2 Allowance Spot Prices and NOx Seasonal Allowance Spot Prices



Source: Derived from Bloomberg data.

Updated: February 09, 2011

Chicago Climate Exchange CO2 Index



Source: Derived from *Bloomberg*.
February 2011 Mid-Atlantic Snapshot Report

Updated February 7, 2011