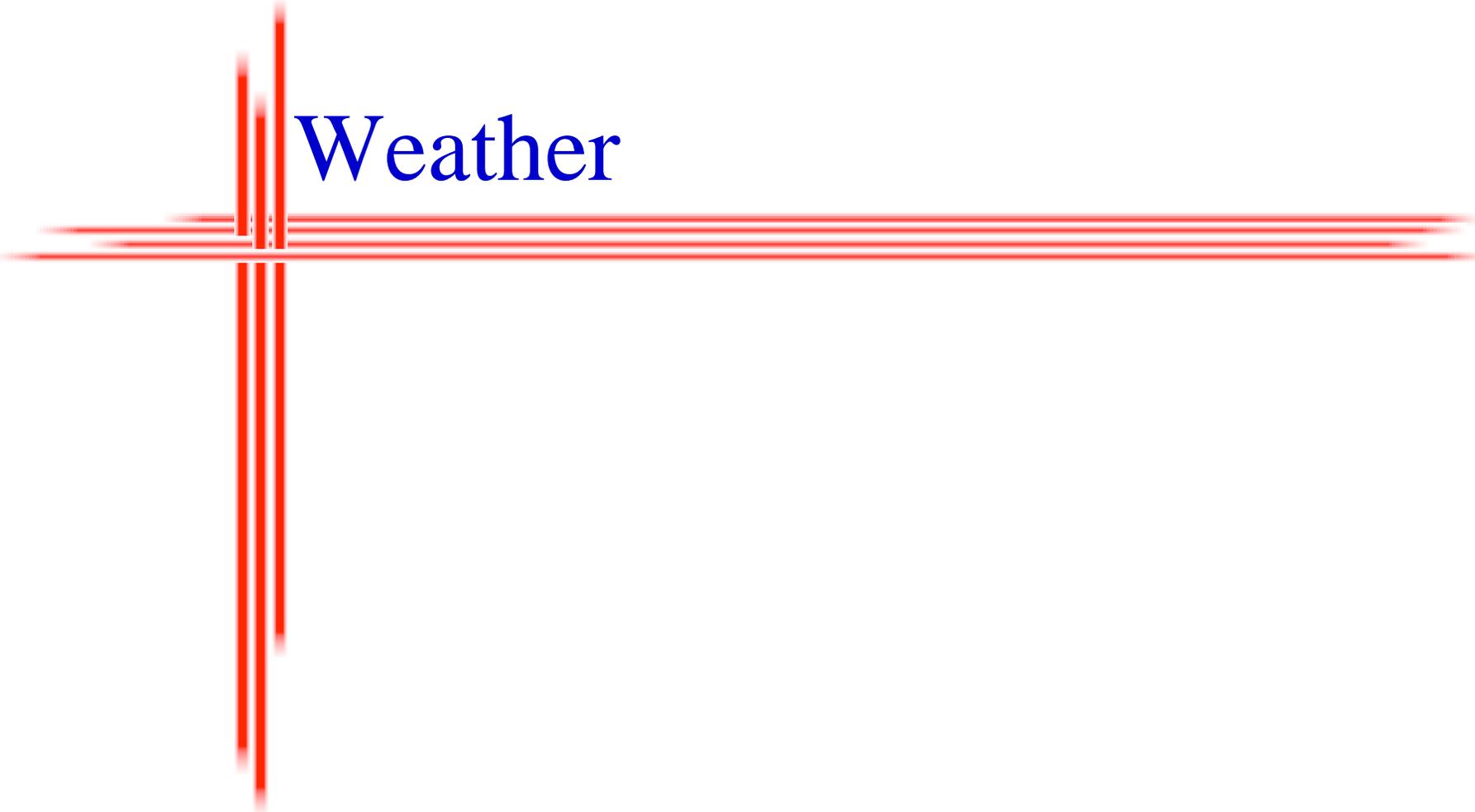


OE ENERGY MARKET SNAPSHOT

Northeast States Version – February 2011 Data

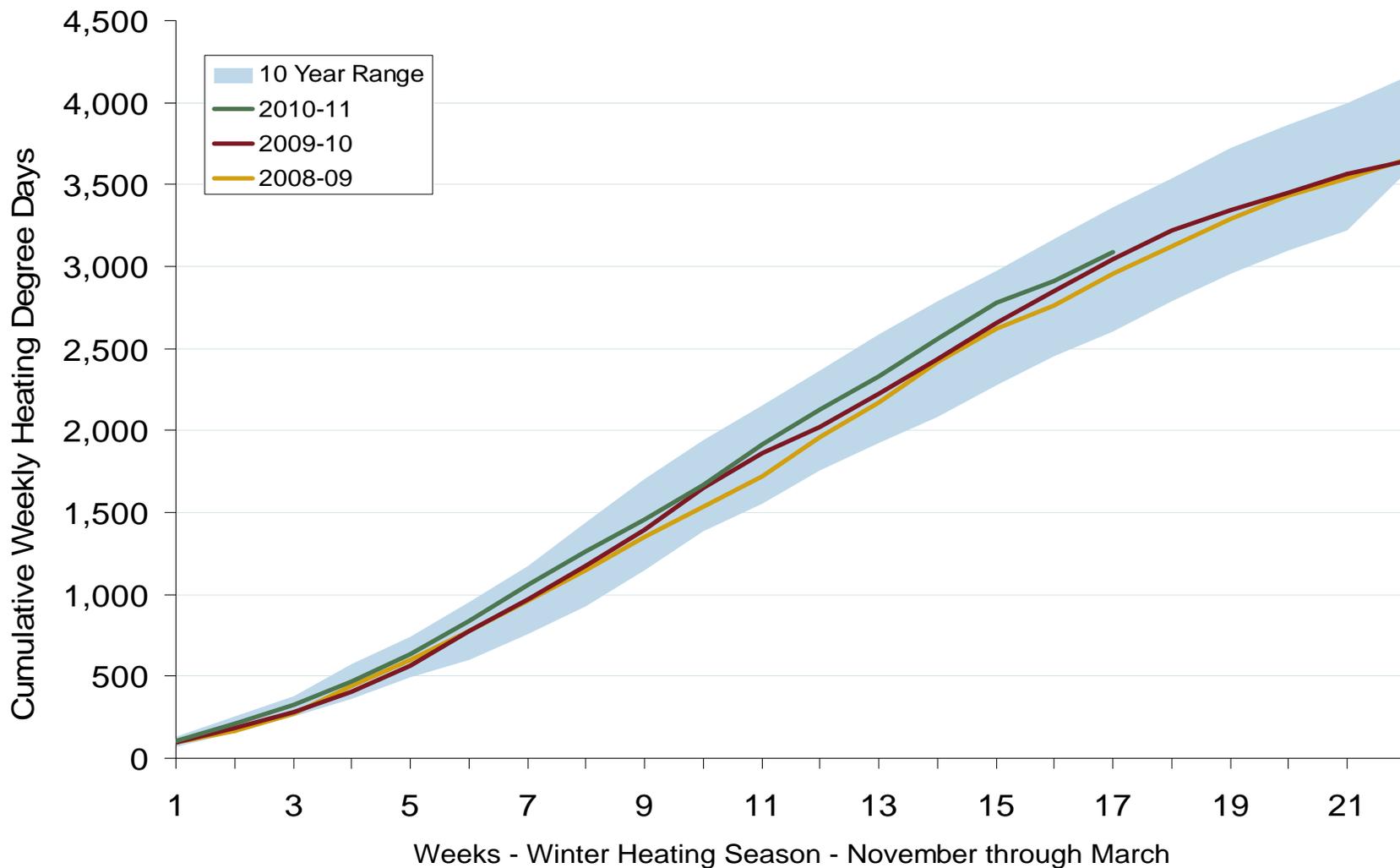
- **Weather**
- **Natural Gas and Fuel Markets**
- **Electricity Markets**

Office of Enforcement
Federal Energy Regulatory Commission
March 2011



Weather

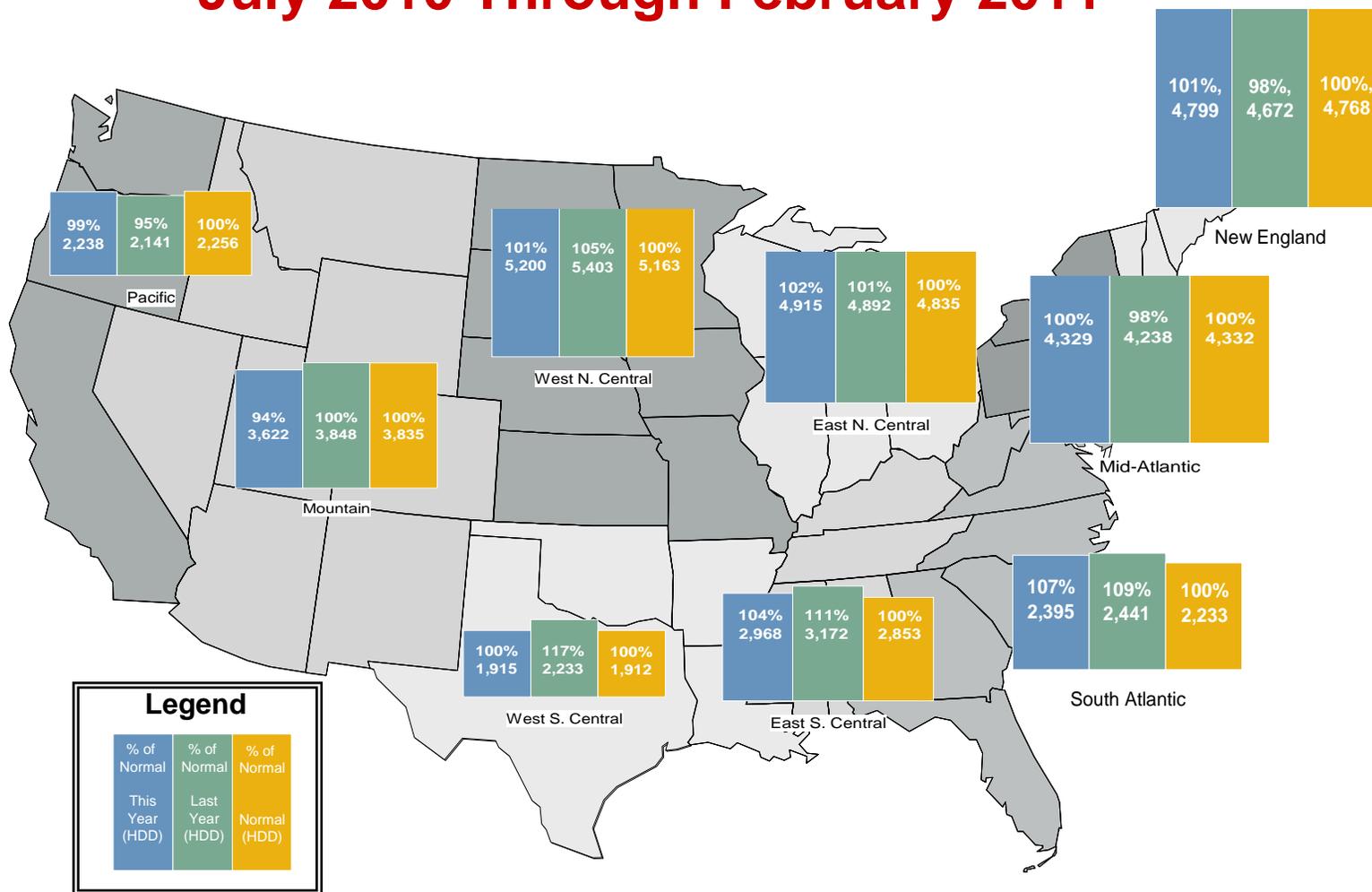
U. S. Winter Cumulative Heating Degree Days



Source: Derived from NOAA data.
March 2011 Northeast Snapshot Report

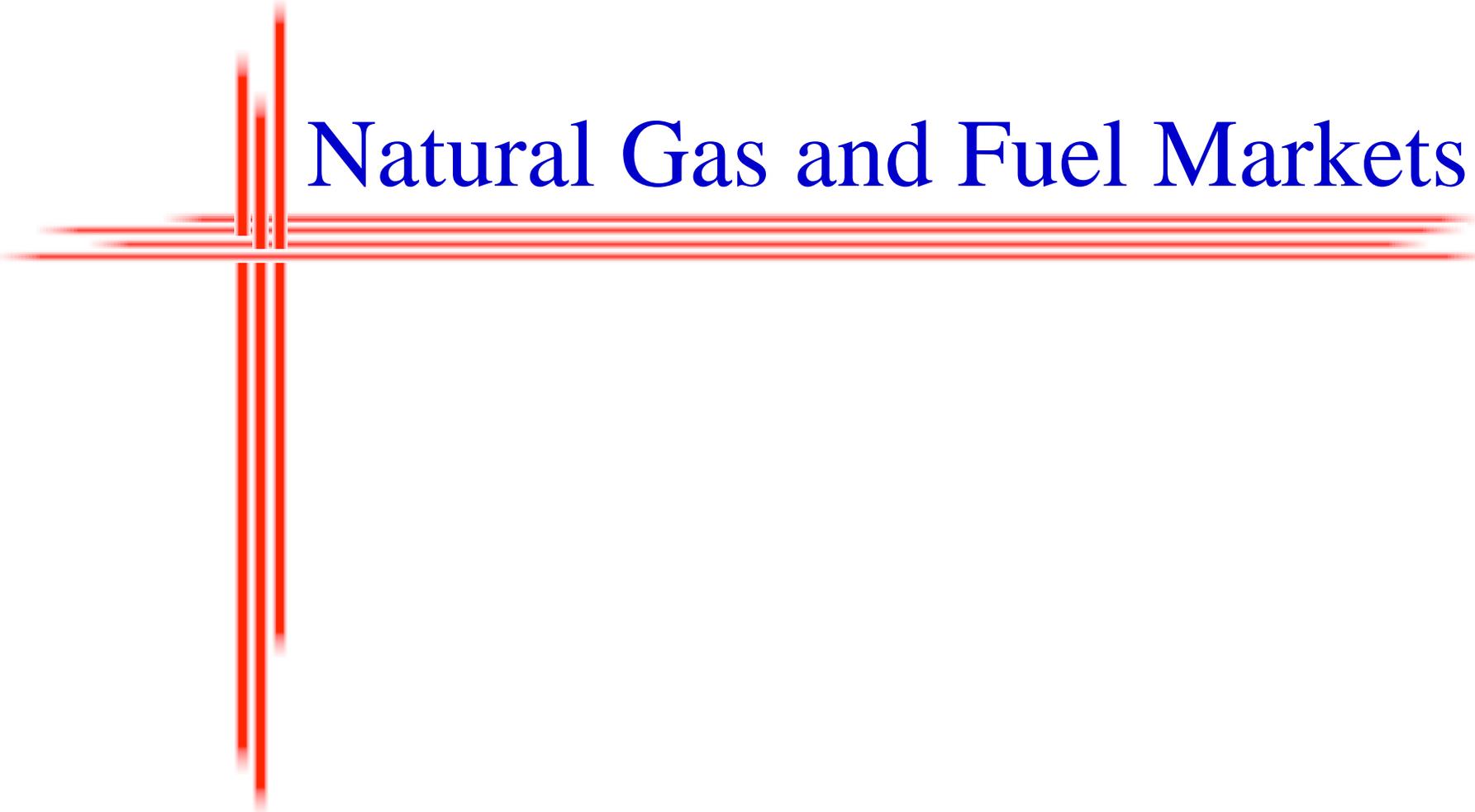
Updated: March 08, 2011

Regional Heating Degree Days July 2010 Through February 2011



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

Updated: March 08, 2011

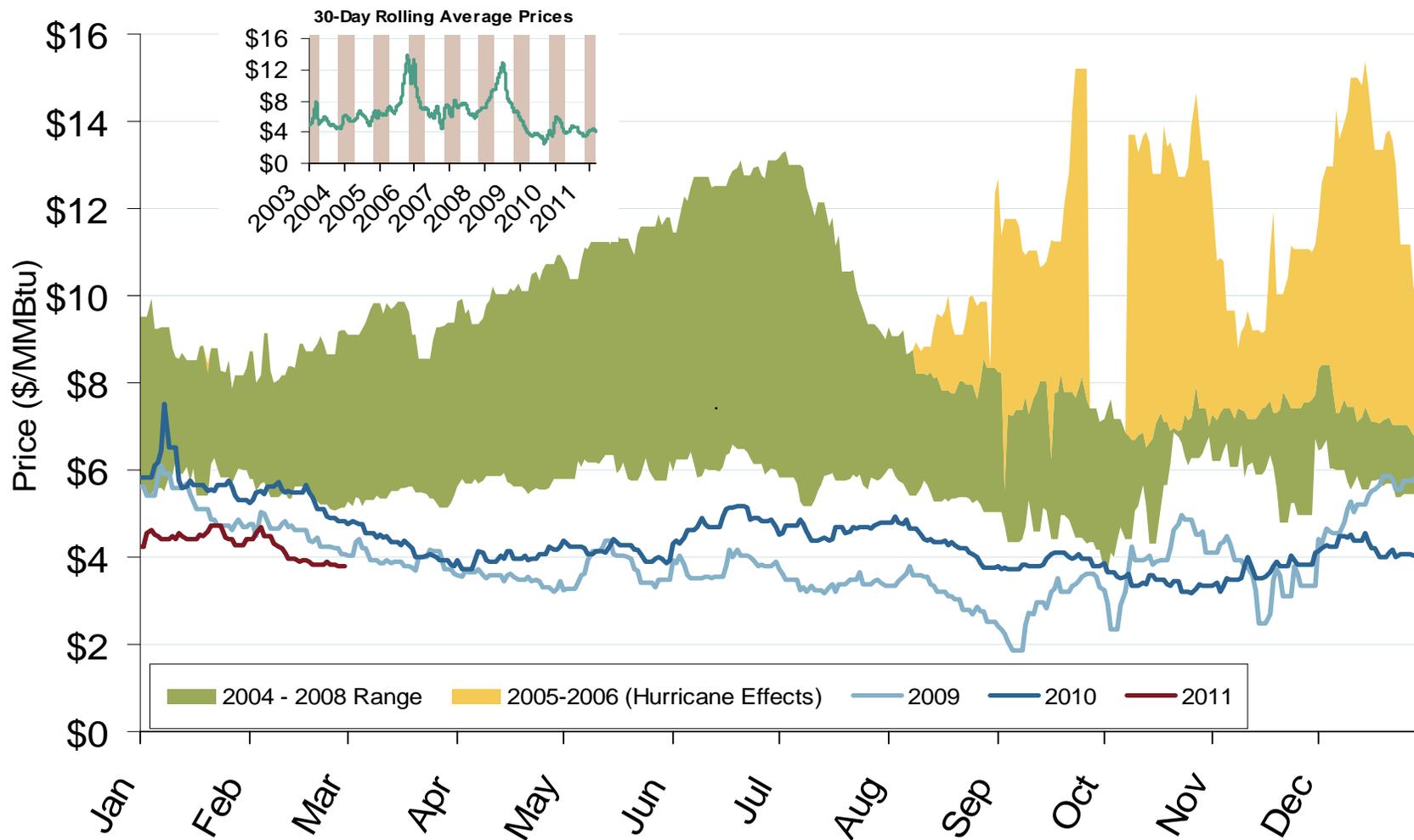


Natural Gas and Fuel Markets

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

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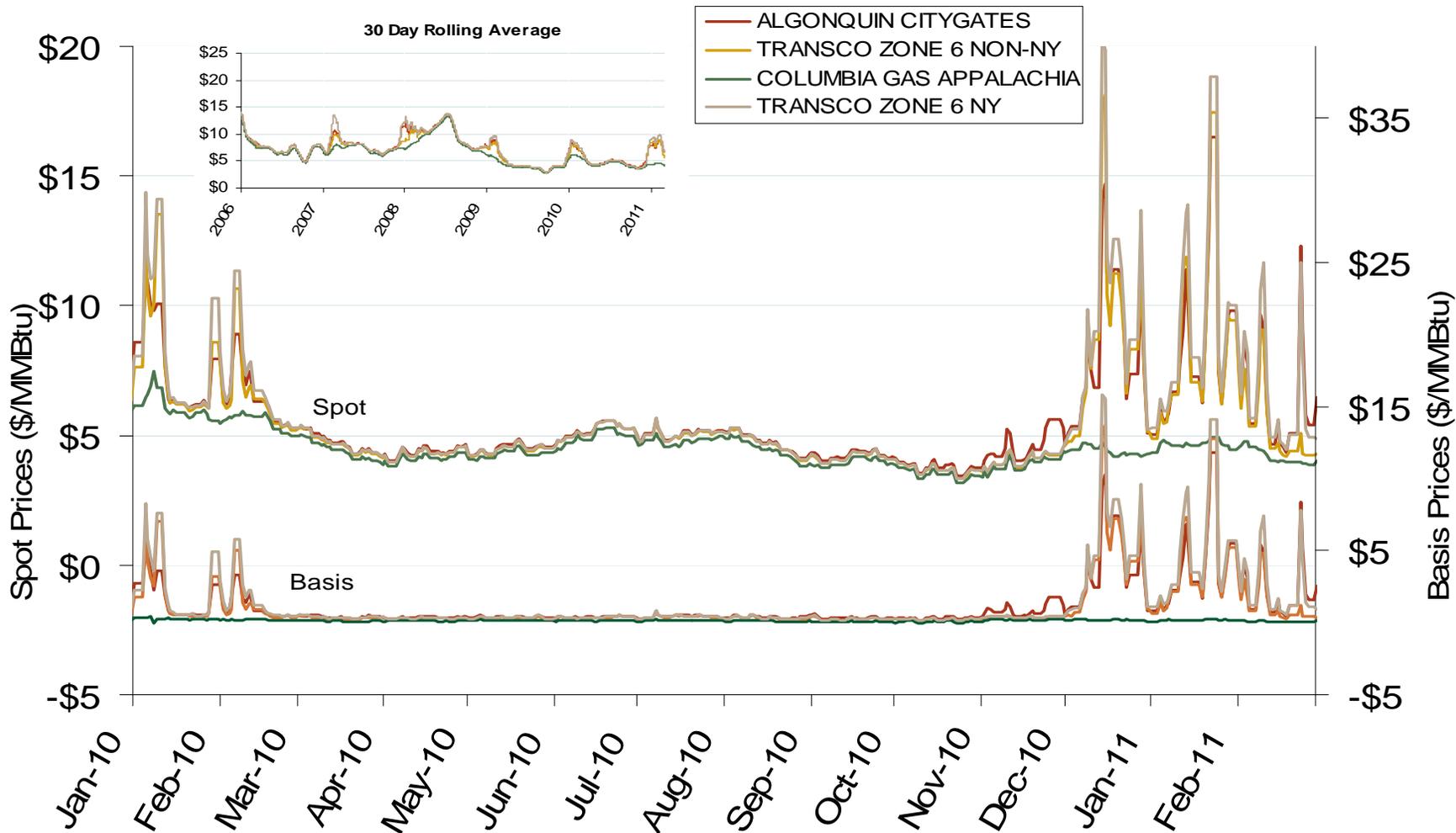
Henry Hub Natural Gas Daily Spot Prices



Source: Derived from *Platts* data.

Updated: March 08, 2011

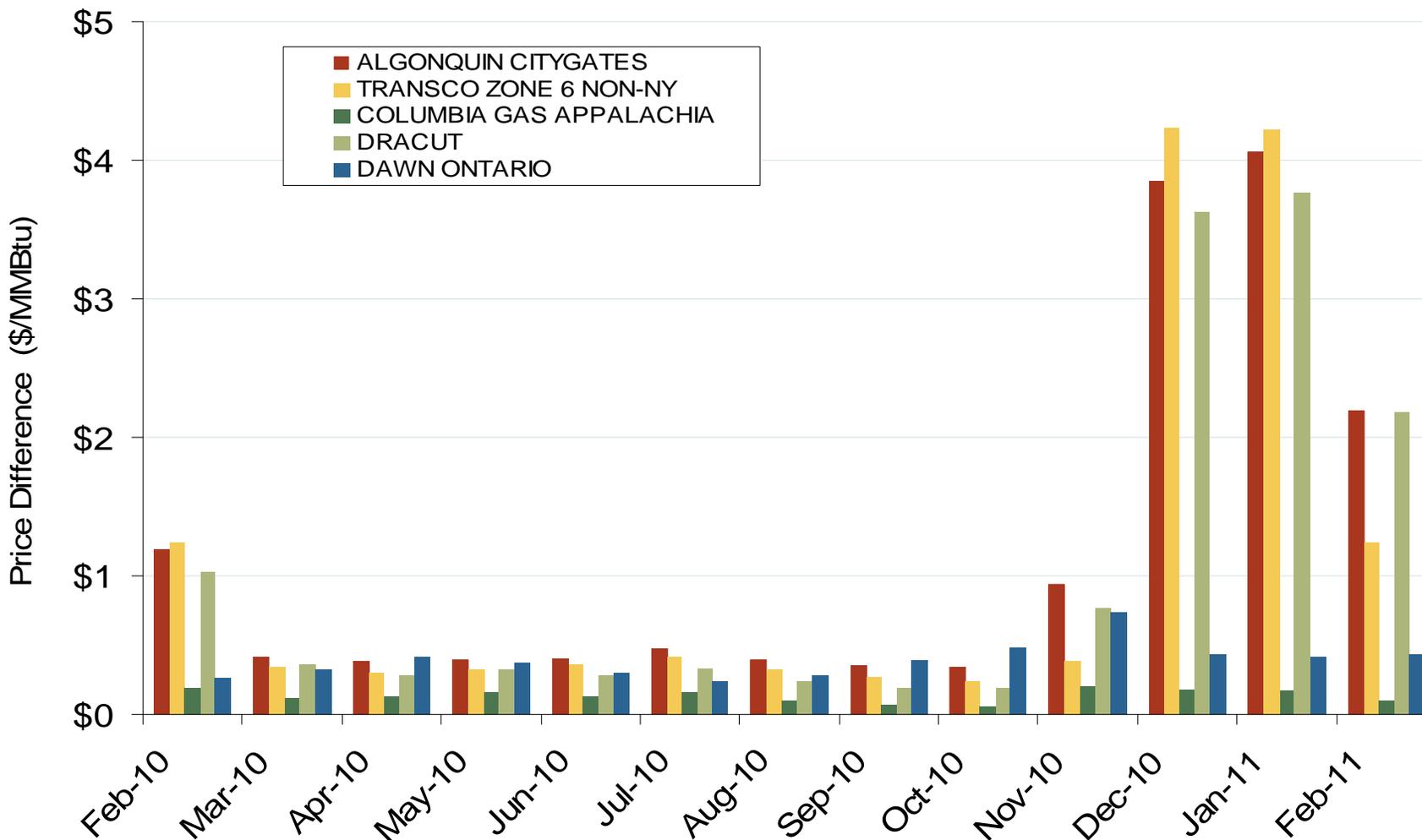
Northeastern Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: March 08, 2011

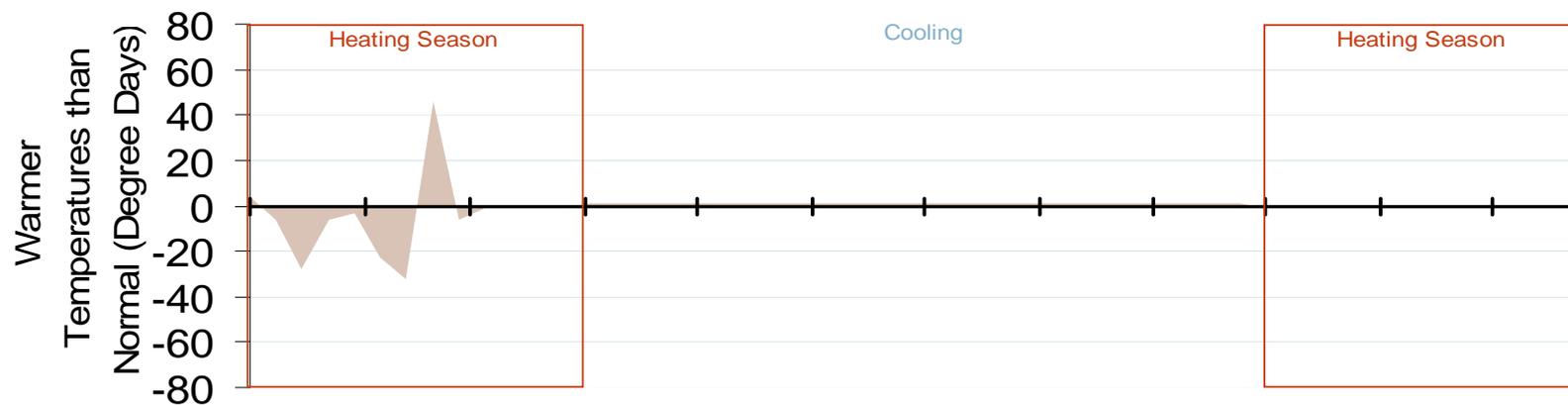
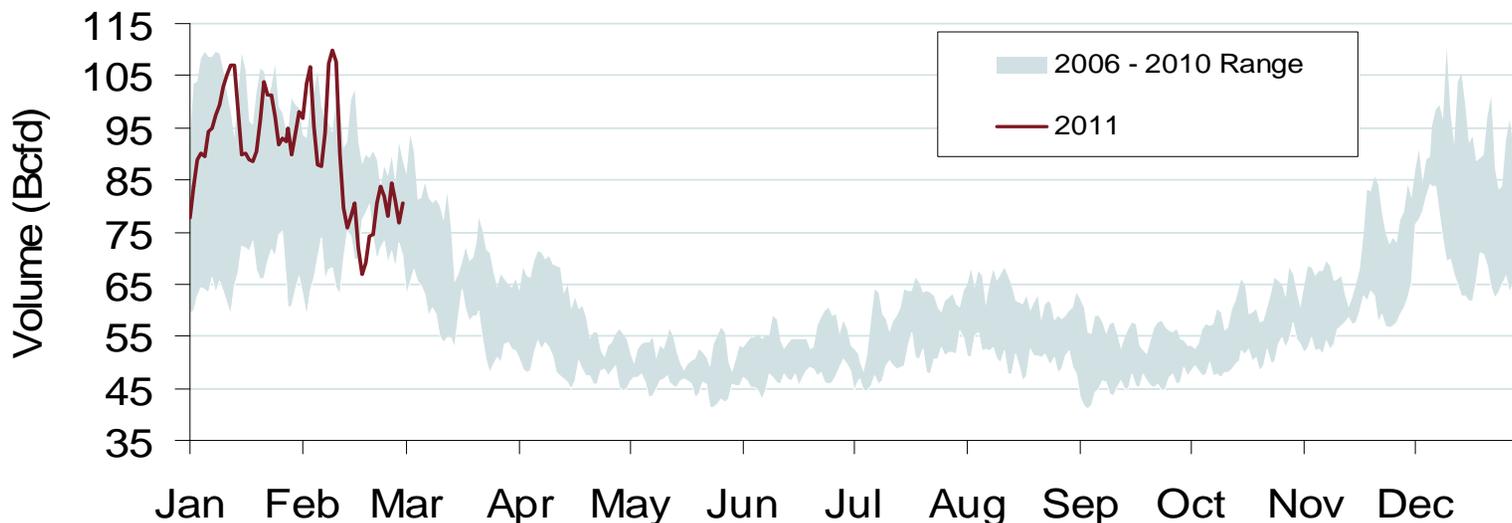
Northeastern Monthly Average Basis Value to Henry Hub



Source: Derived from *Platts* data.
 March 2011 Northeast Snapshot Report

Updated: March 08, 2011

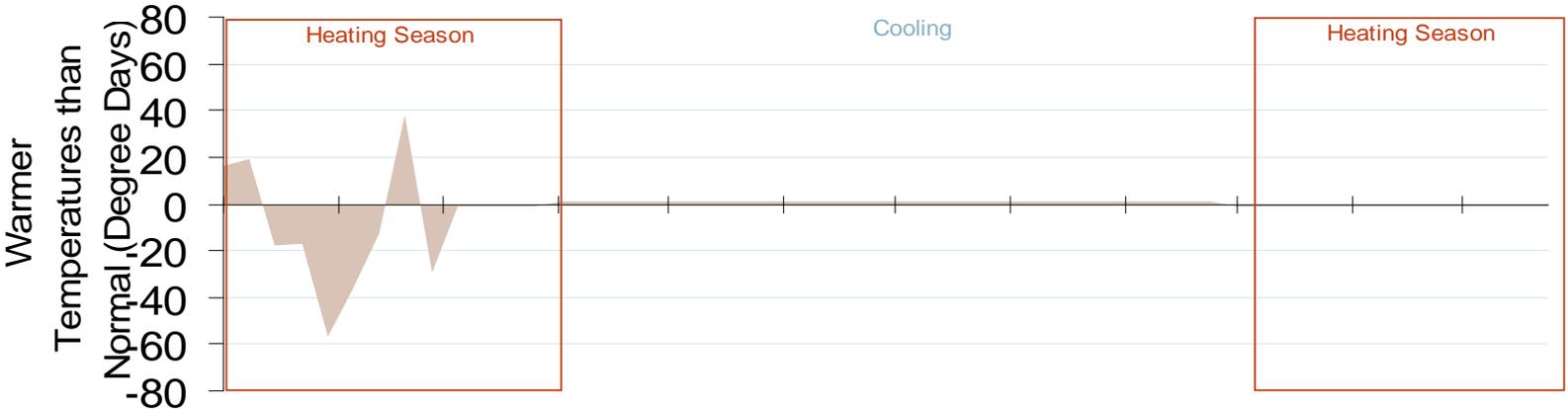
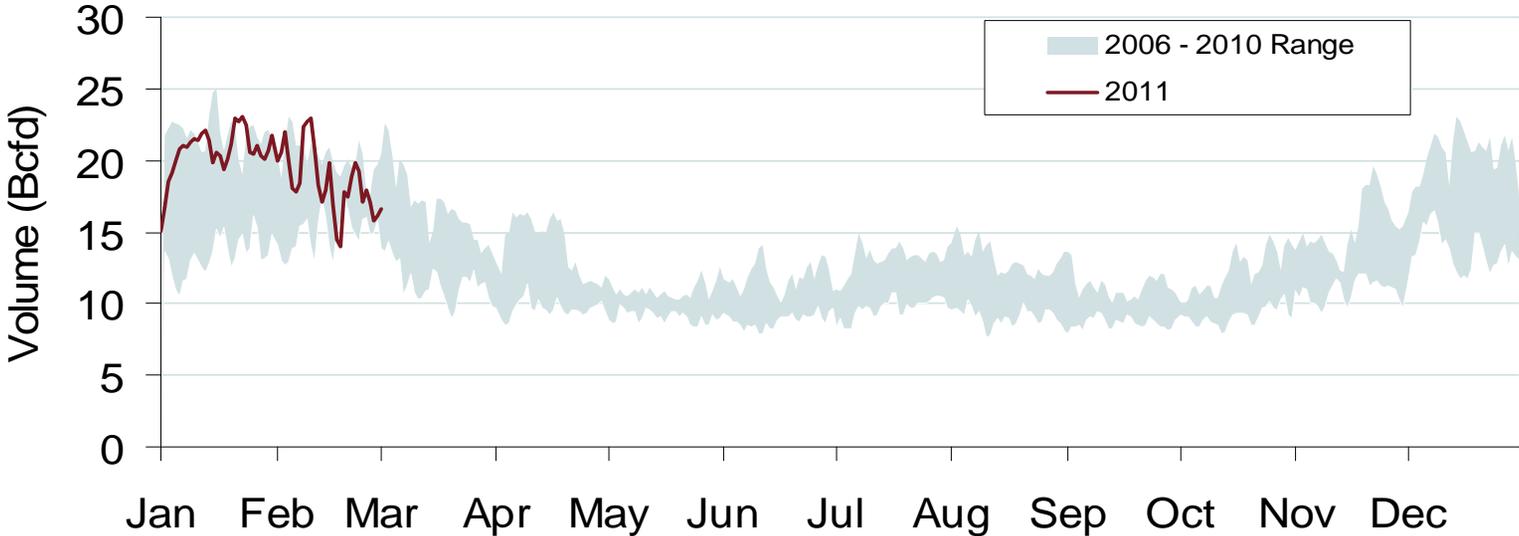
Total U.S. Natural Gas Demand (All Sectors) and Temperatures



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

Updated: March 08, 2011

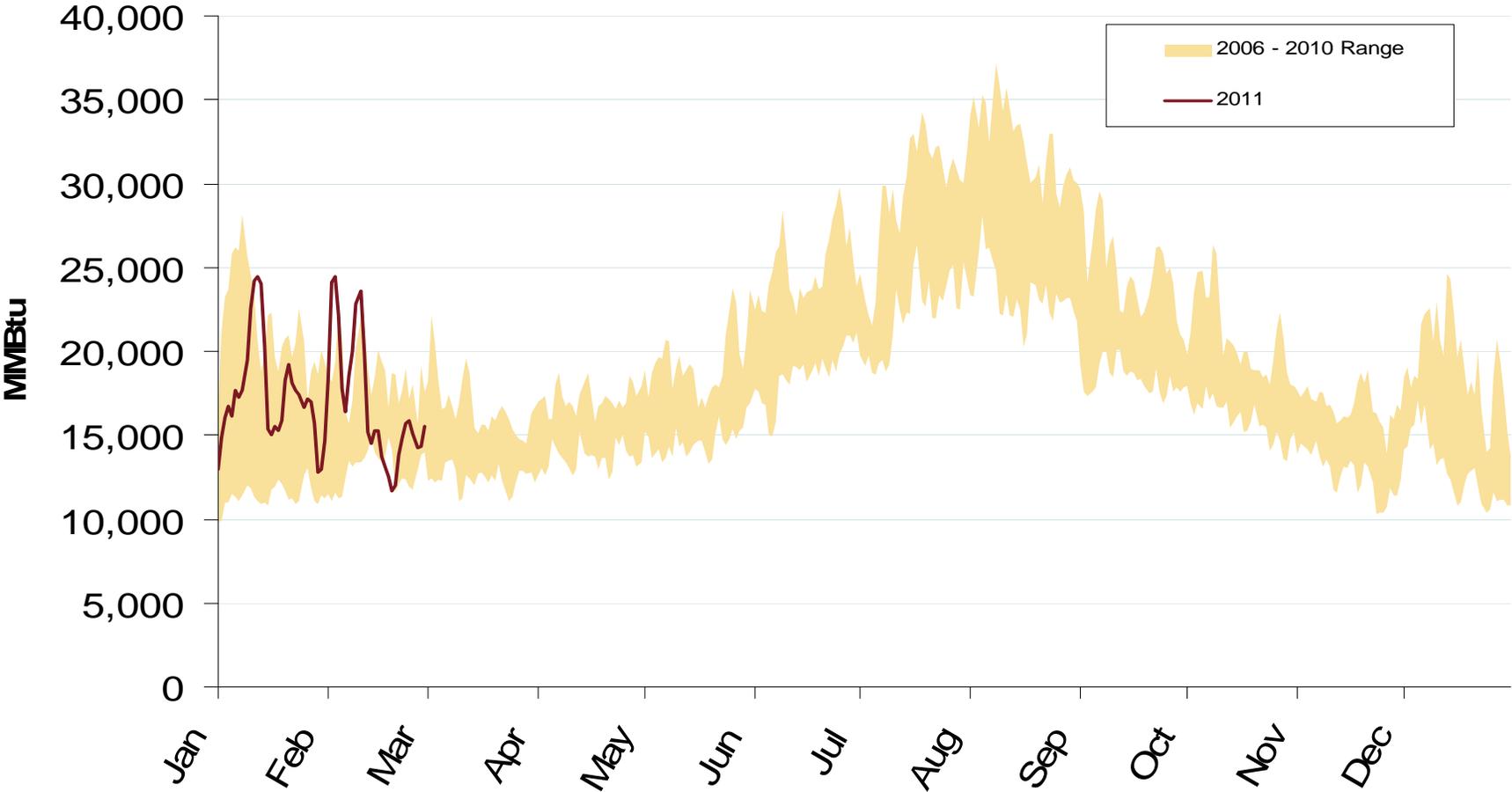
Daily Northeast Natural Gas Demand All Sectors



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

Updated: March 08, 2011

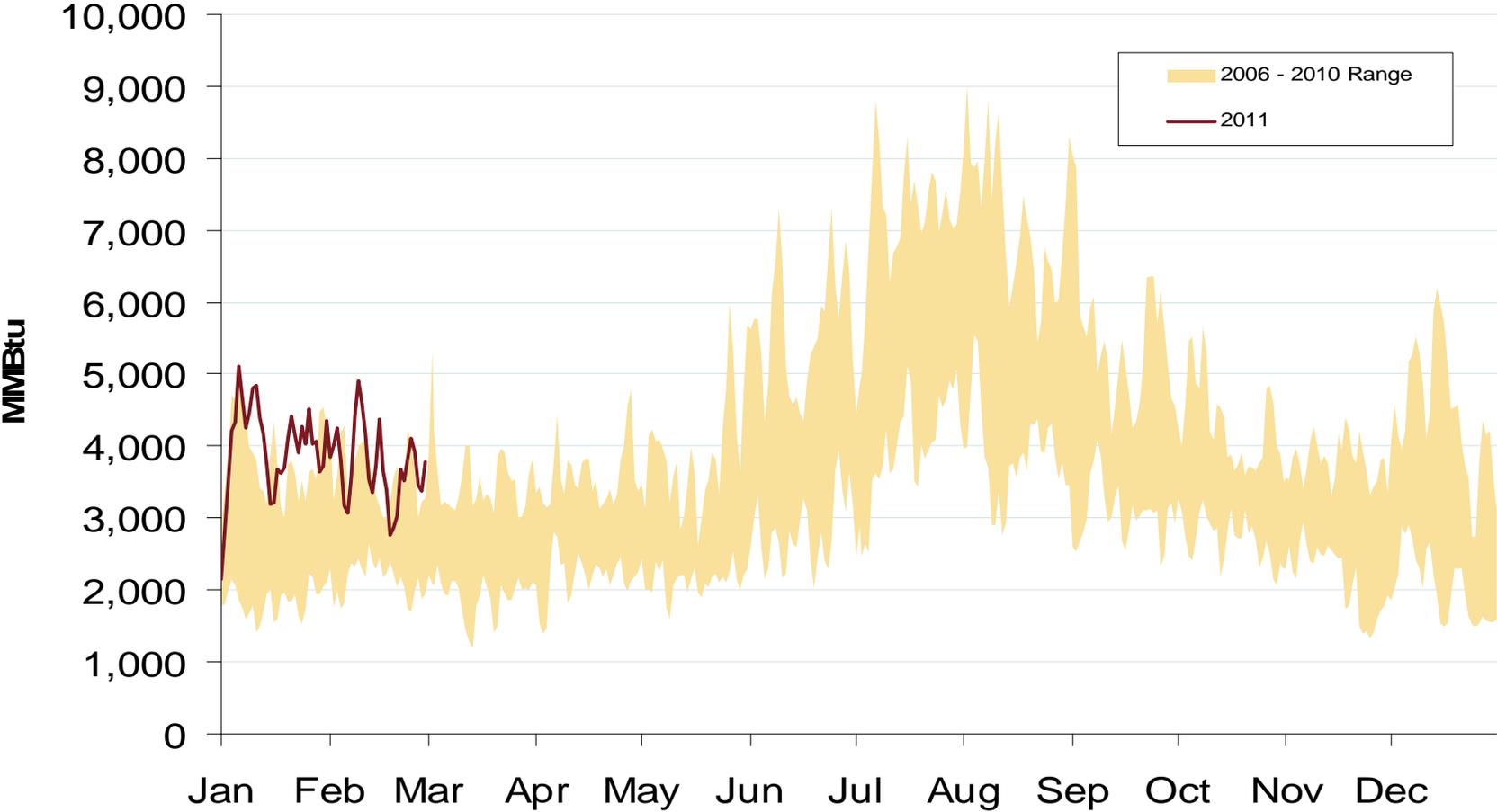
U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data.

Updated: March 08, 2011

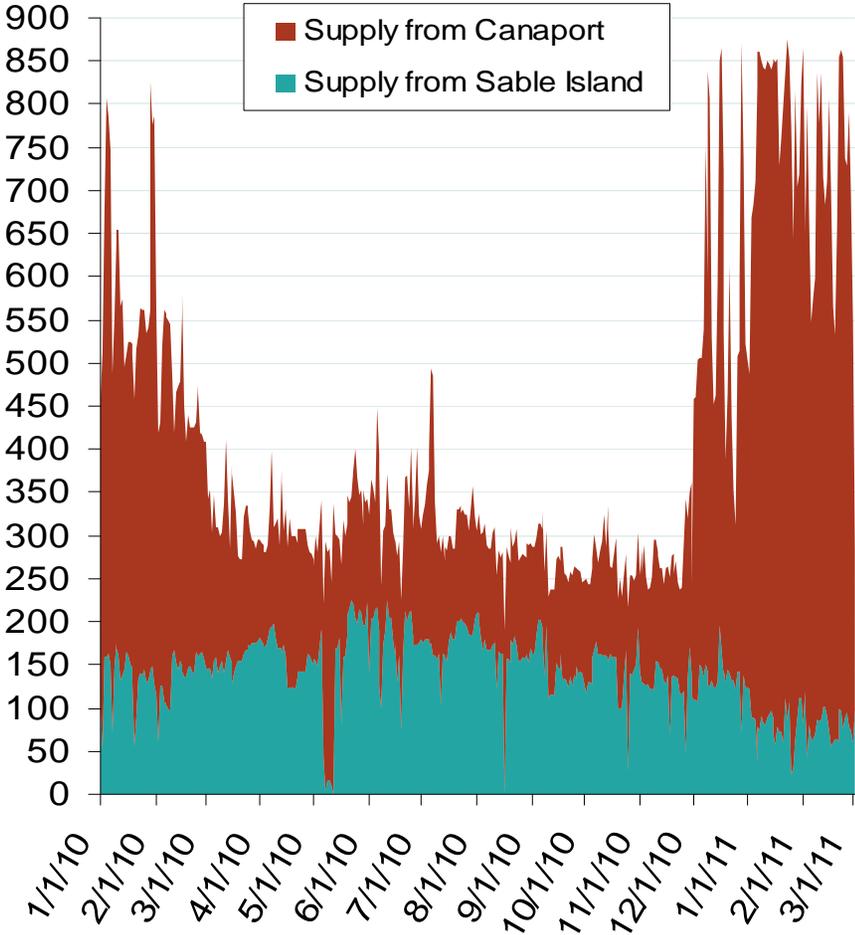
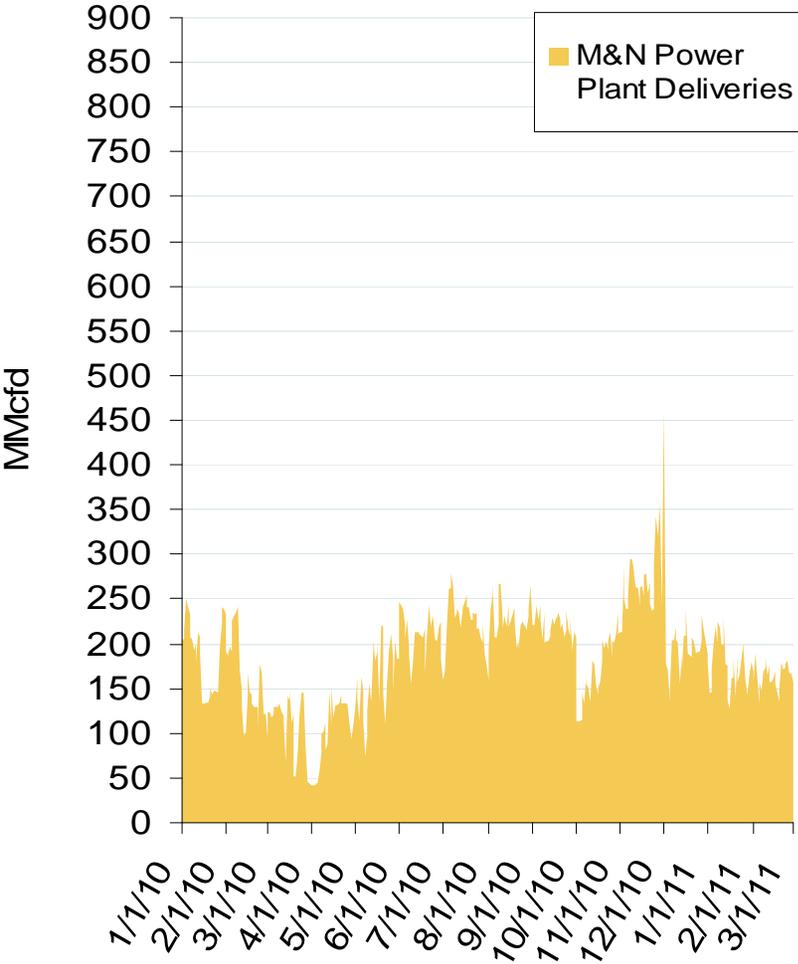
Northeast Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data.

Updated: March 08, 2011

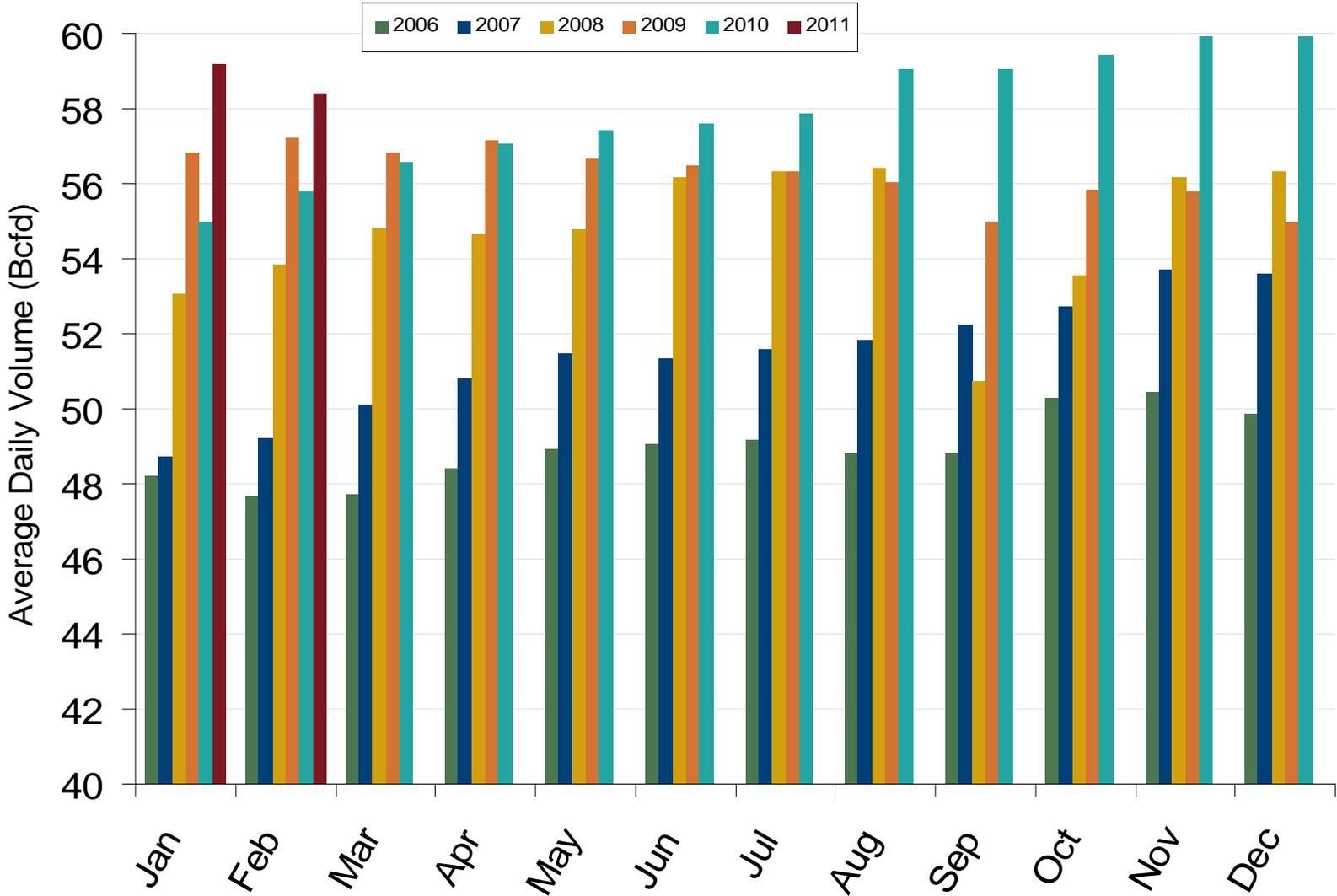
Maritimes Pipeline Flows



Source: Derived from *Bentek* data.

Updated: March 08, 2011

U.S. Dry Gas Production



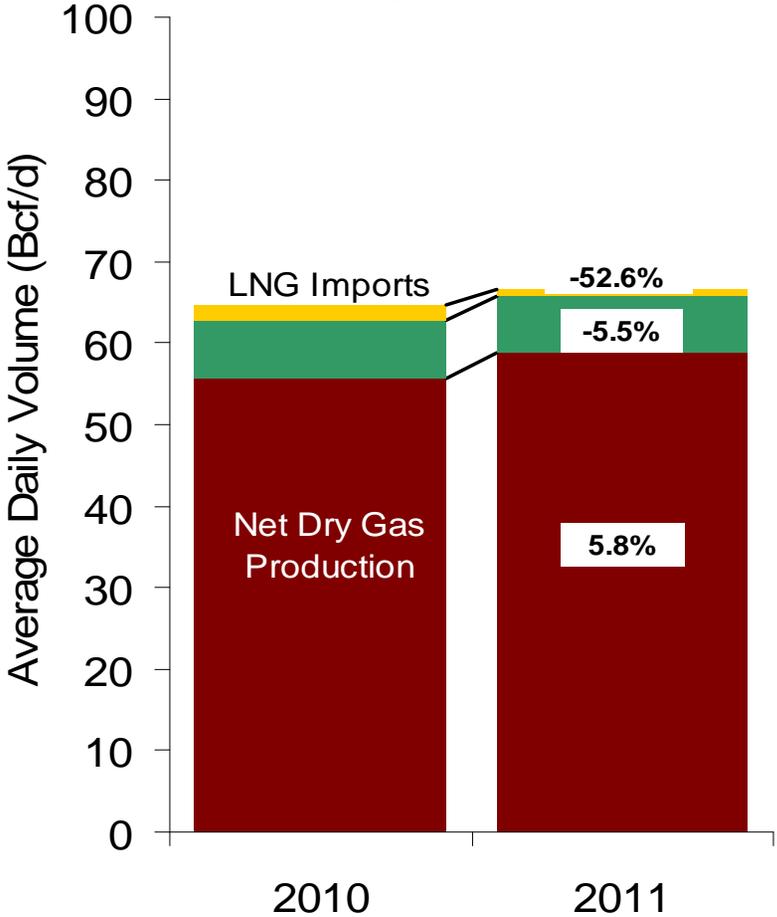
Source: Derived from EIA and Bentek data.
March 2011 Northeast Snapshot Report

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

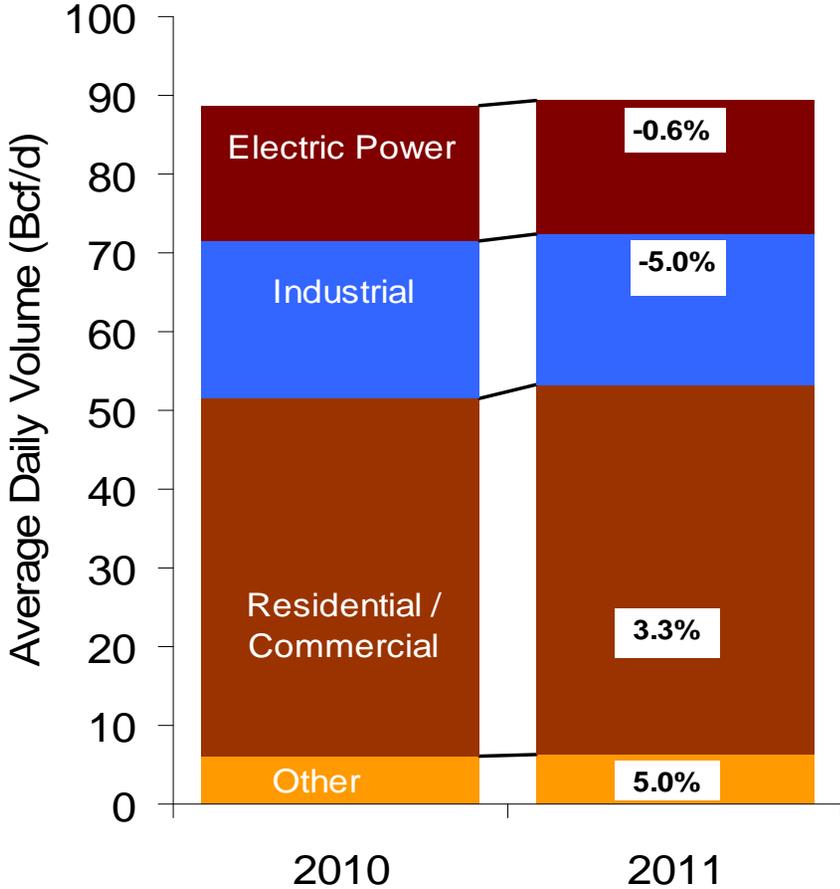
US Natural Gas Supply

Total Change in Supply 2.9%



US Natural Gas Demand

Total Change in Demand 4.5%

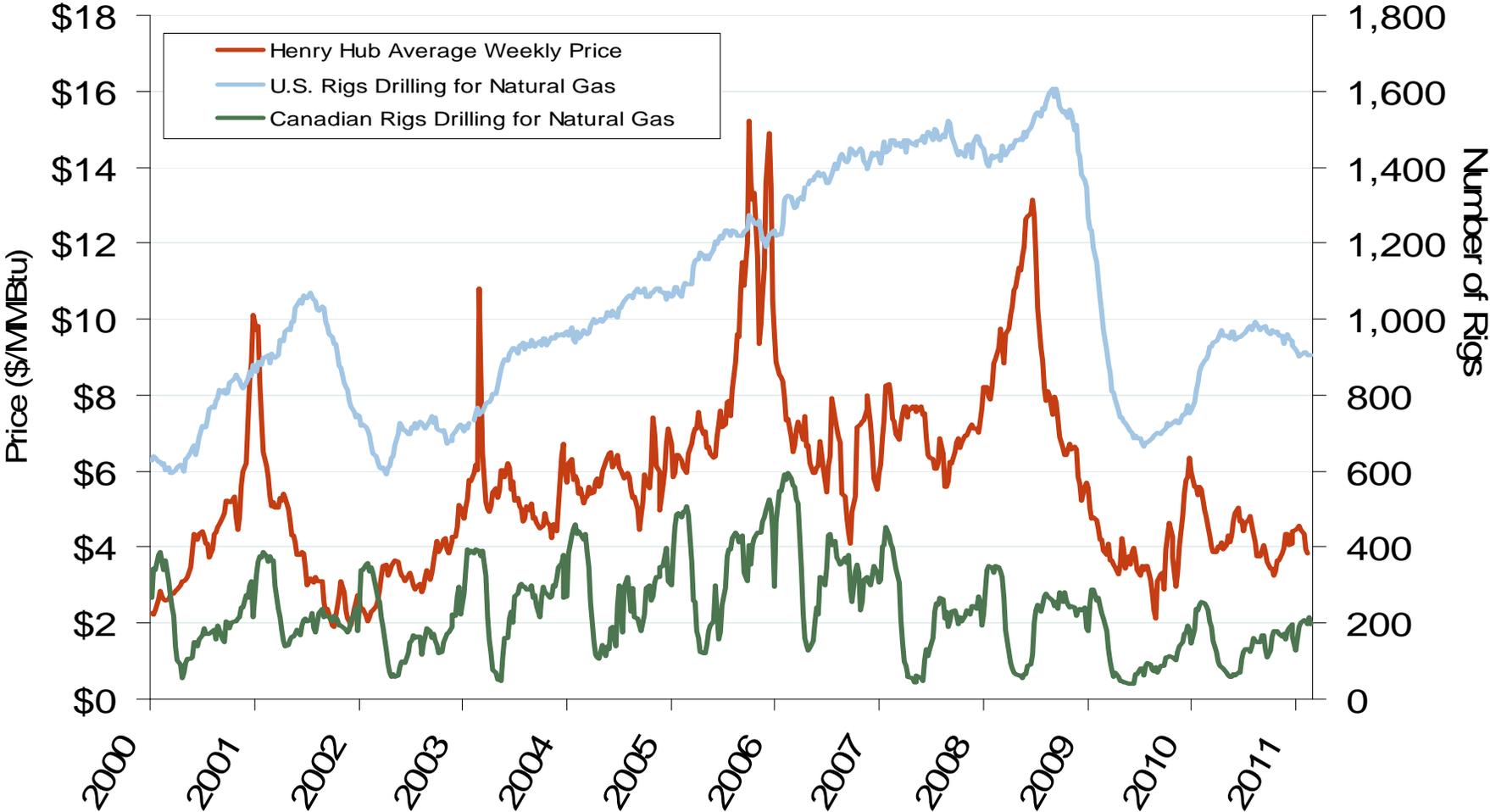


Source: Derived from Bentek data.
March 2011 Northeast Snapshot Report

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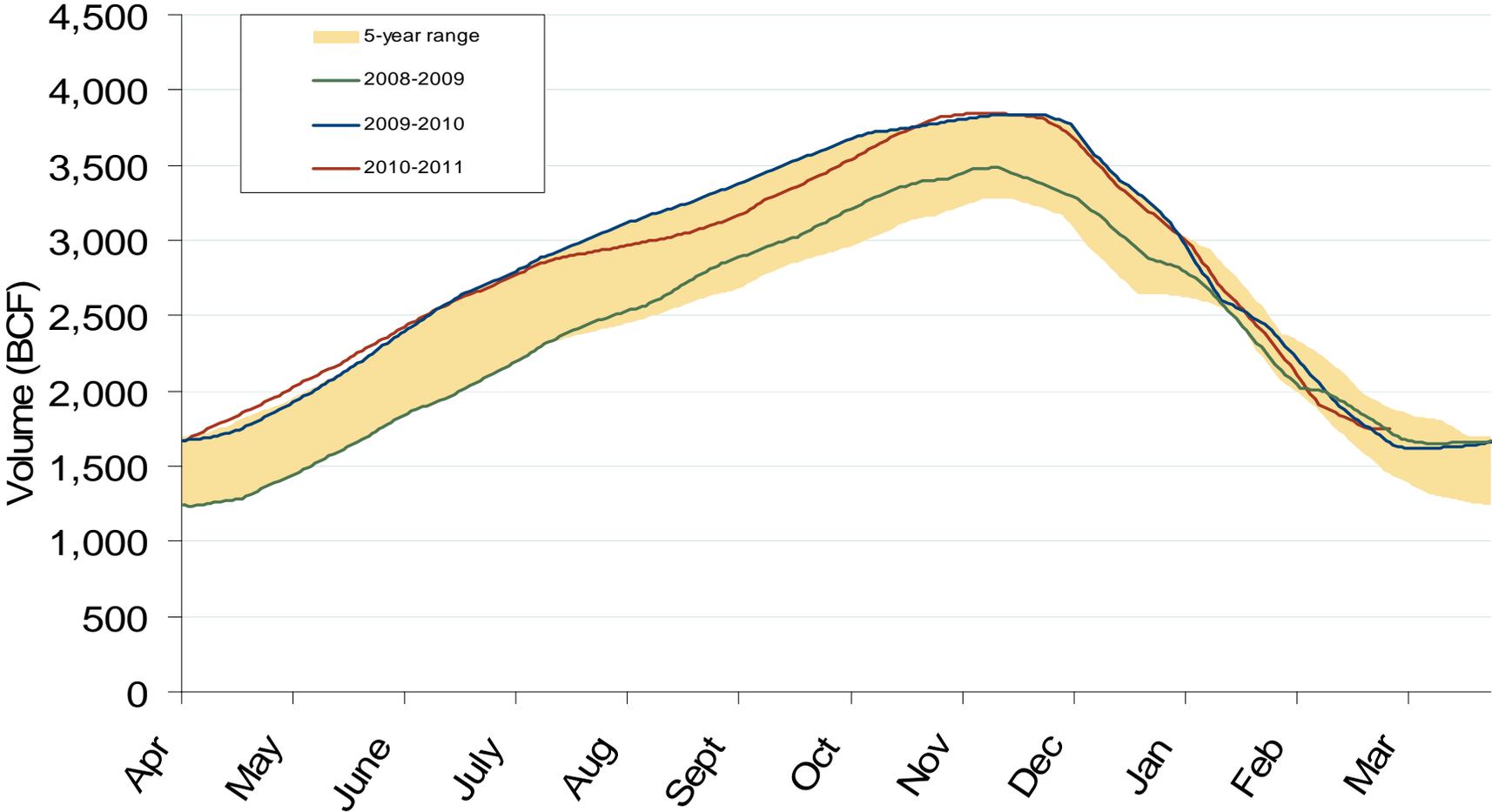
U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



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

Updated: March 08, 2011

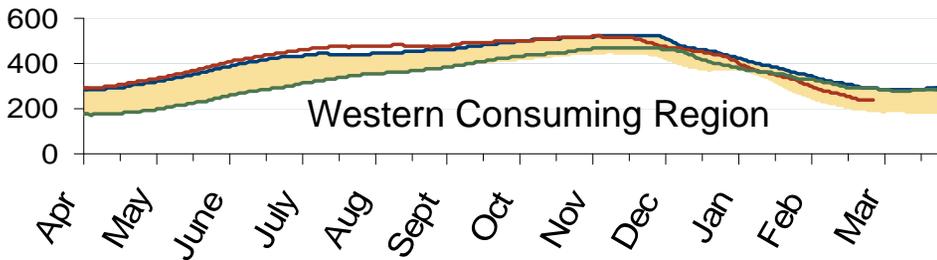
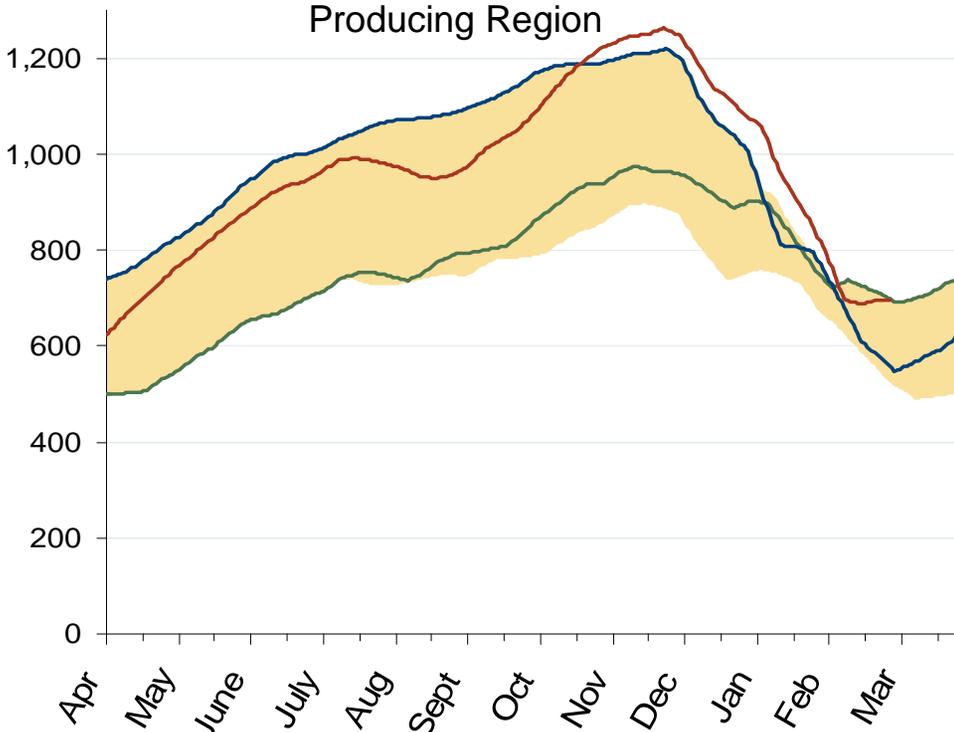
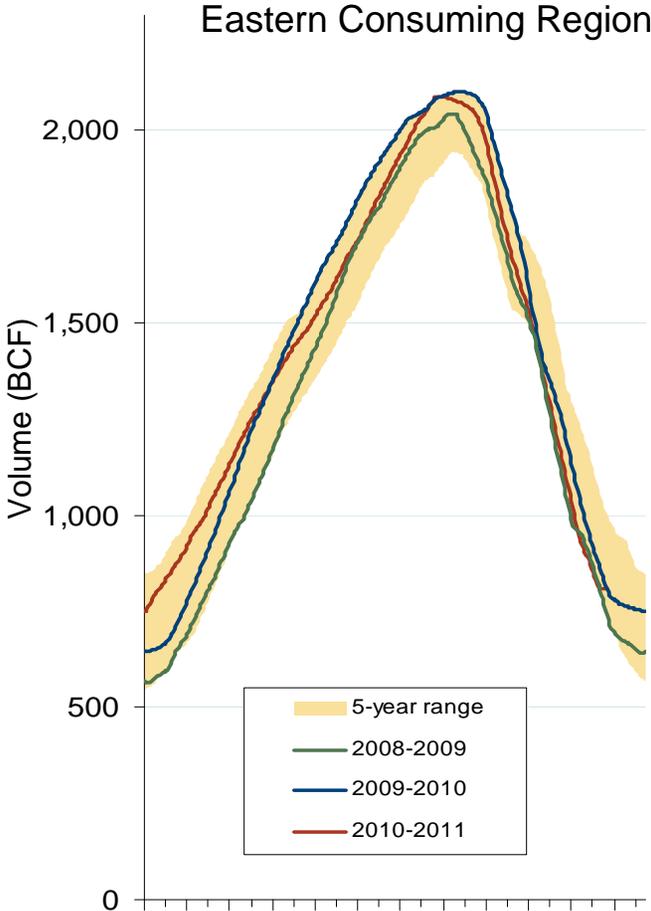
Total U.S. Working Gas in Storage



Source: Derived from EIA data.
March 2011 Northeast Snapshot Report

Updated: March 08, 2011

Regional Totals of Working Gas in Storage

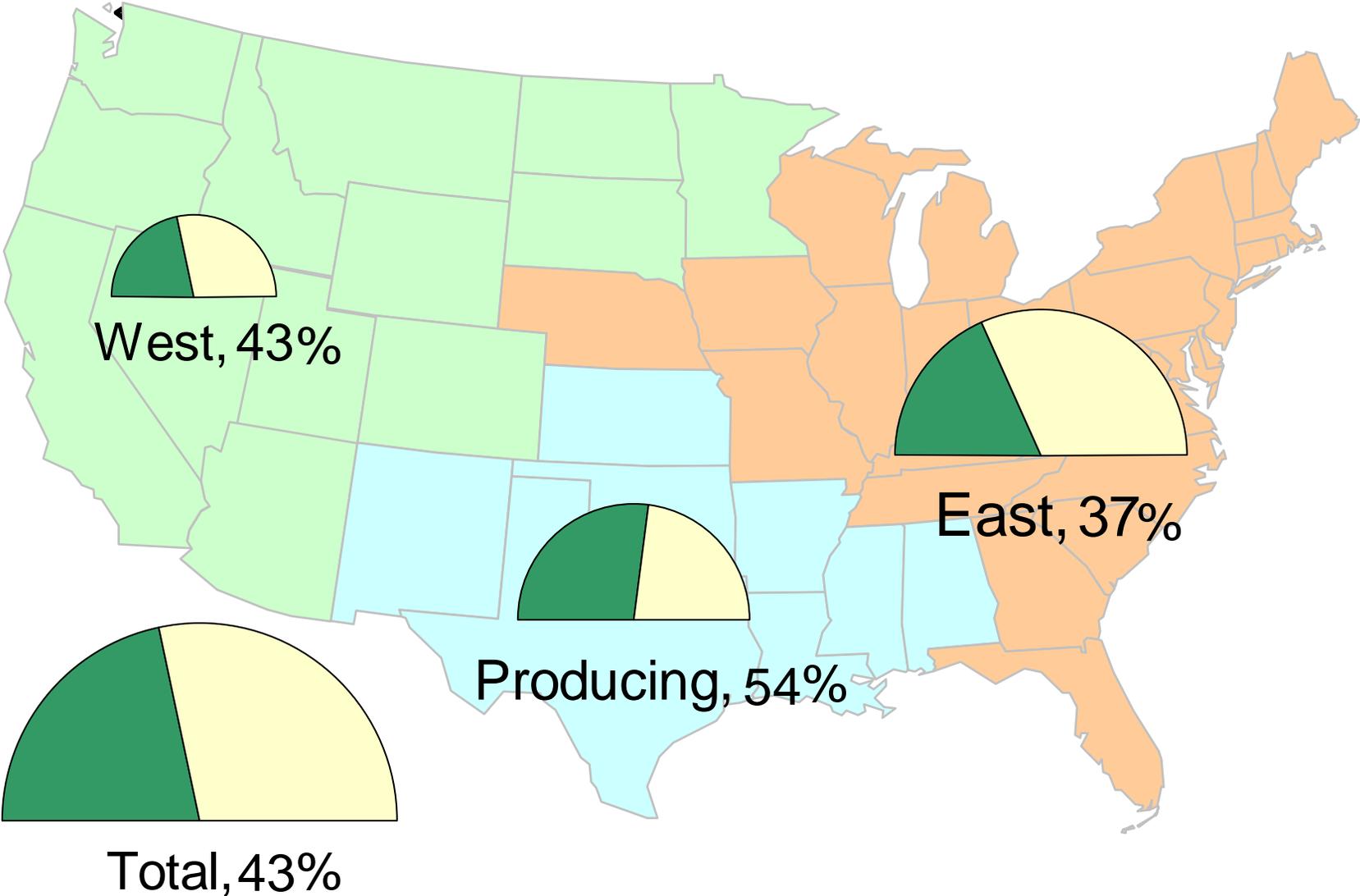


Source: Derived from EIA data.

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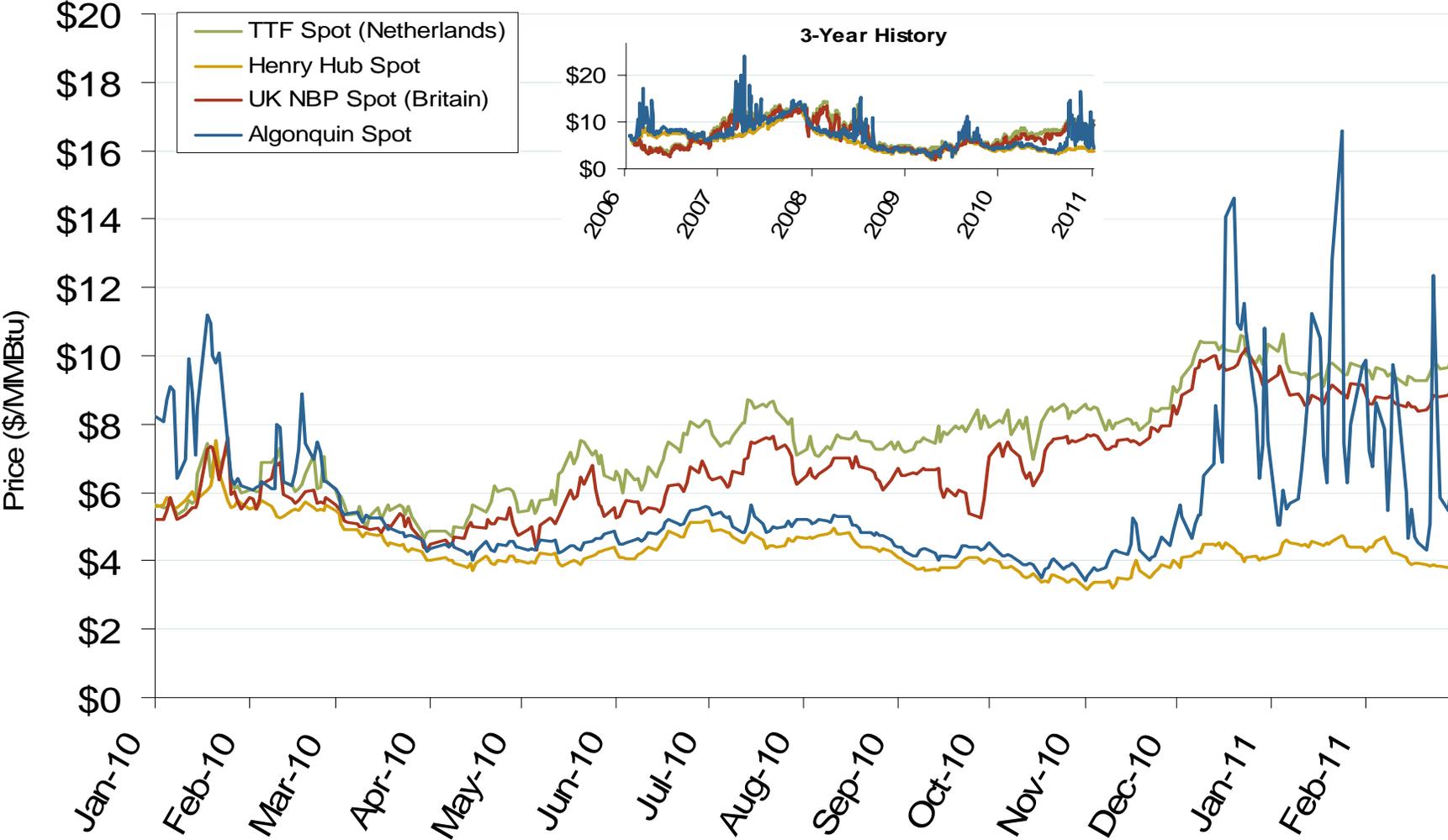
Natural Gas Storage Inventories – February 25, 2011



Source: Derived from *EIA Storage and Estimated Working Gas Capacity* data.
March 2011 Northeast Snapshot Report

Updated: March 08, 2011

Atlantic Basin European and US Spot Natural Gas Prices



Source: Derived from Bloomberg and ICE data.

Updated: March 08, 2011

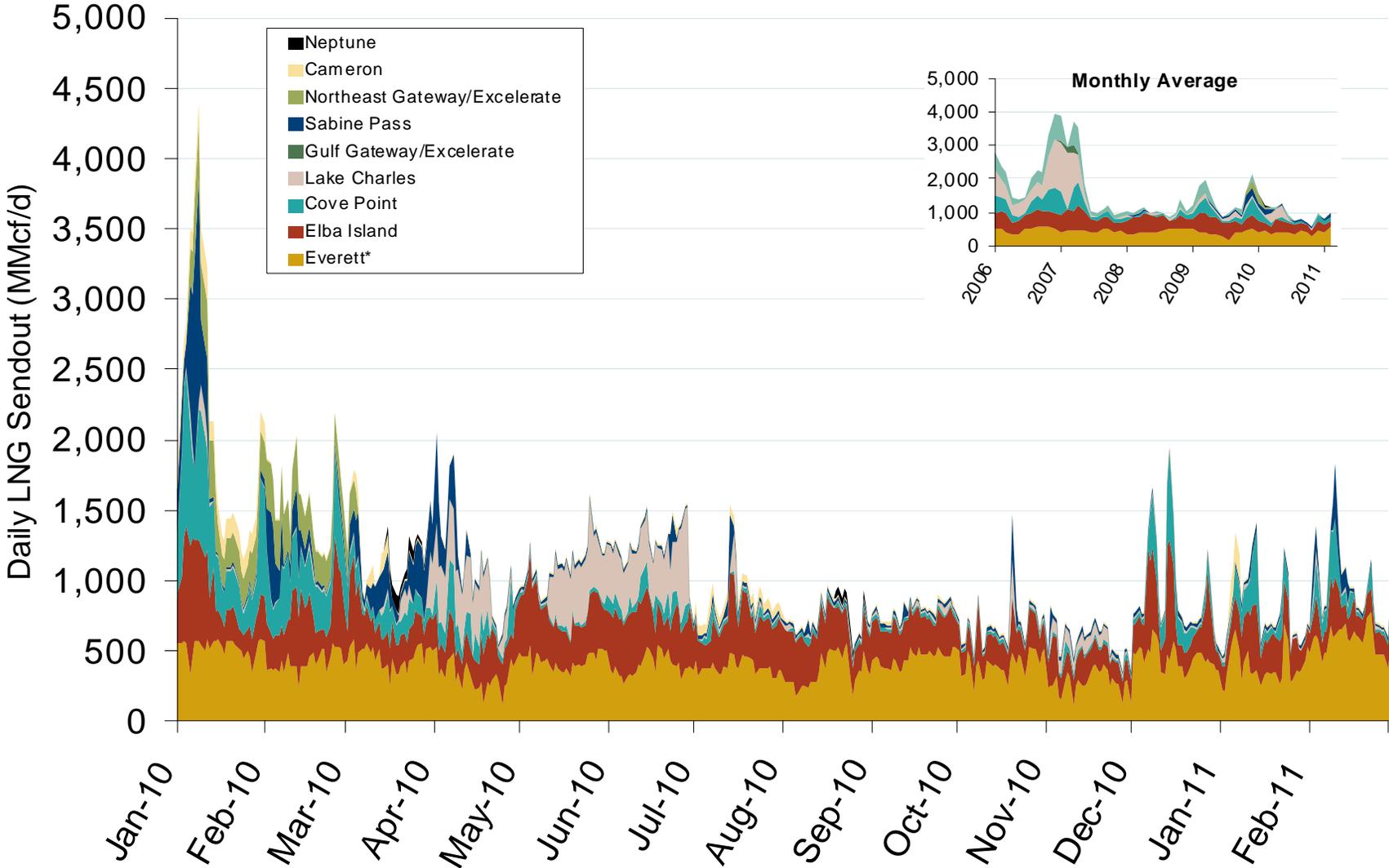
World LNG Estimated April 2011 Landed Prices



Source: *Waterborne Energy, Inc.* Data in \$US/MMBtu.
March 2011 Northeast Snapshot Report

Updated: March 08, 2011

Daily Gas Sendout from Existing U.S. LNG Facilities

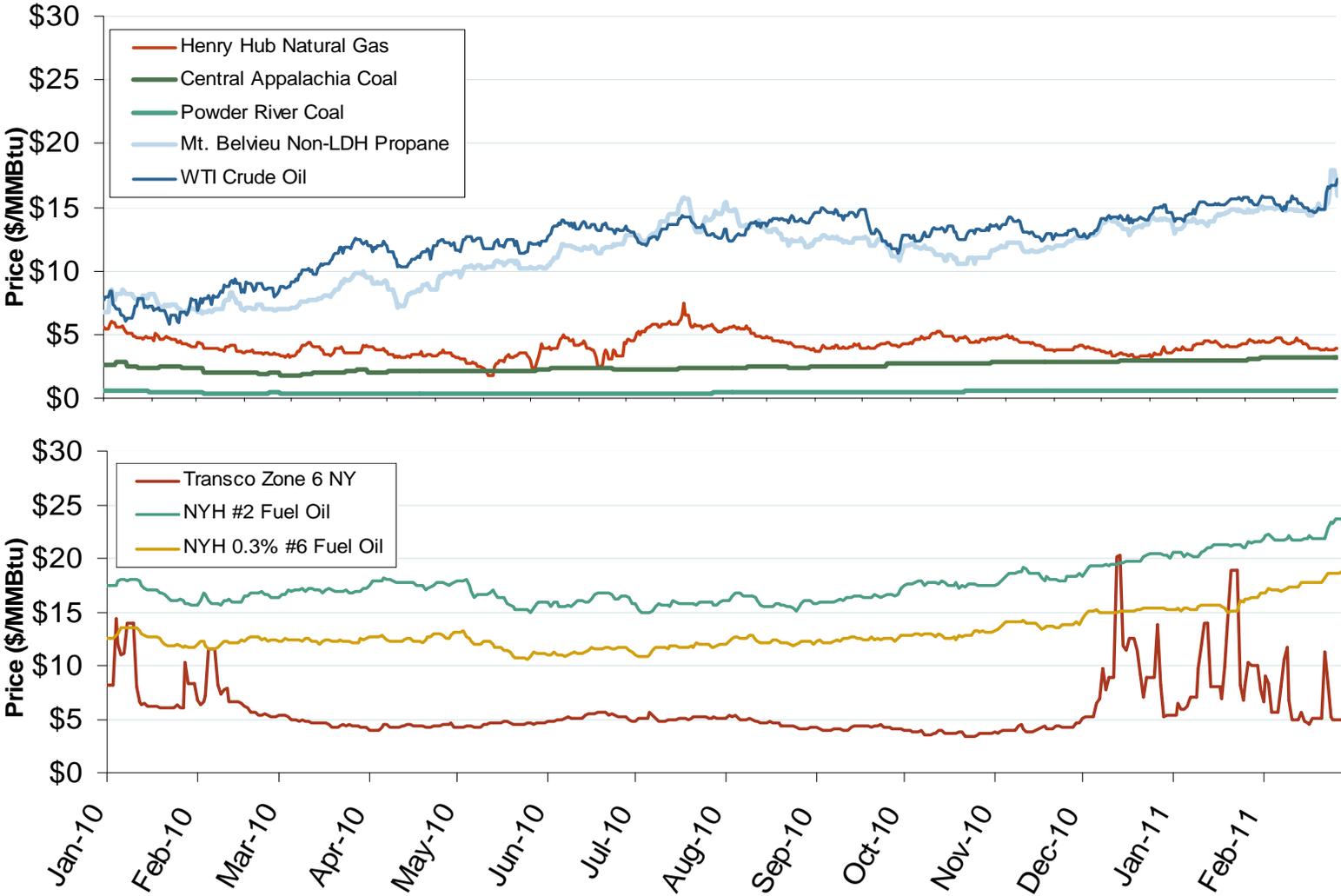


Source: Derived from Bentek data.

* 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: March 08, 2011

Oil, Coal, Natural Gas and Propane Daily Spot Prices

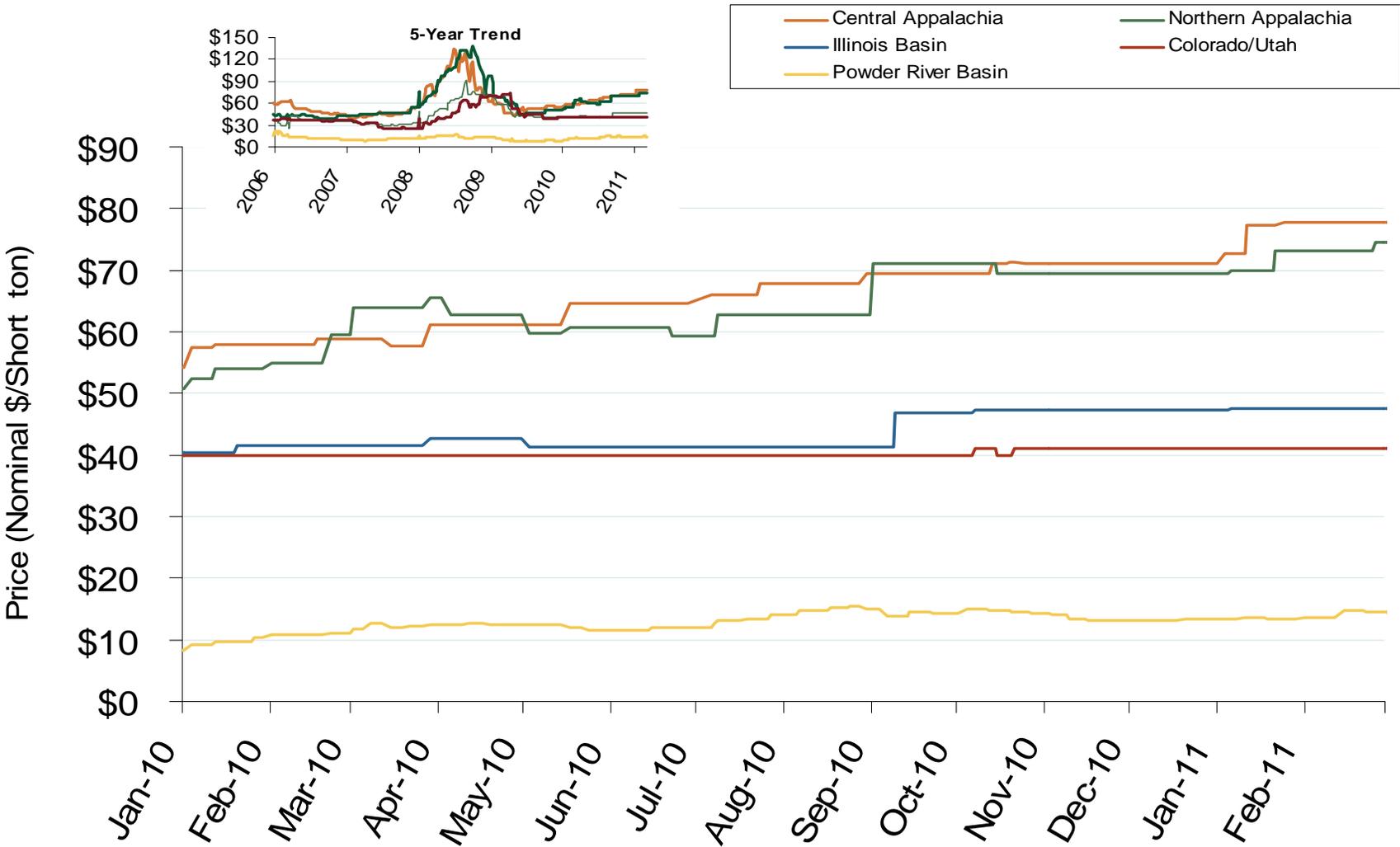


Source: Derived from ICE and Bloomberg data.

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: March 08, 2011

Regional Coal Spot Prices

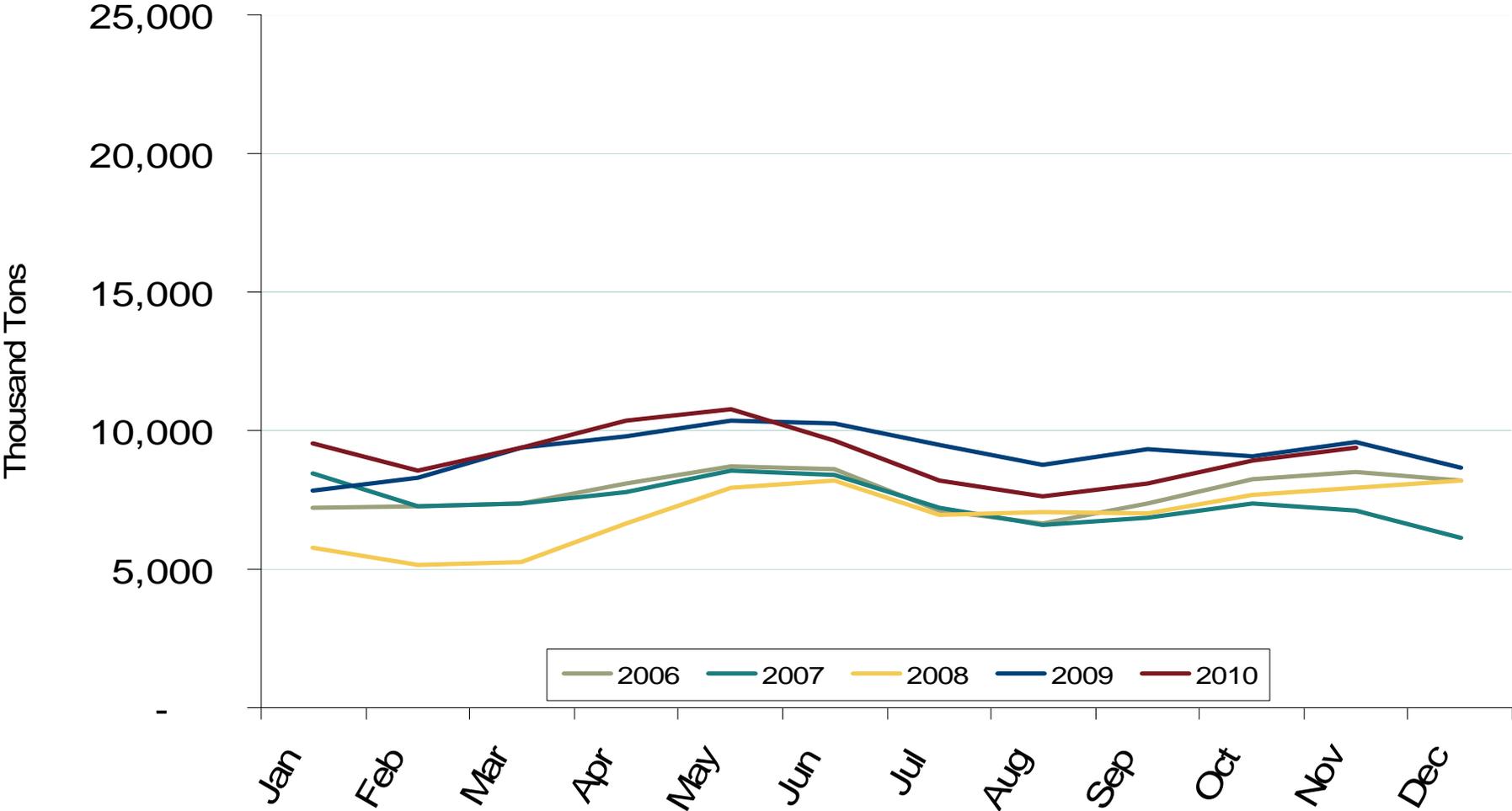


Note: the Central Appalachian (CAPP) coal is priced at Big Sandy. All others are mine mouth prices. Prices do not include transportation costs to a plant, as those can vary widely by contract specifications. Prices exclude incremental cost of emissions allowances.

Source: Derived from *Bloomberg* data.
March 2011 Northeast Snapshot Report

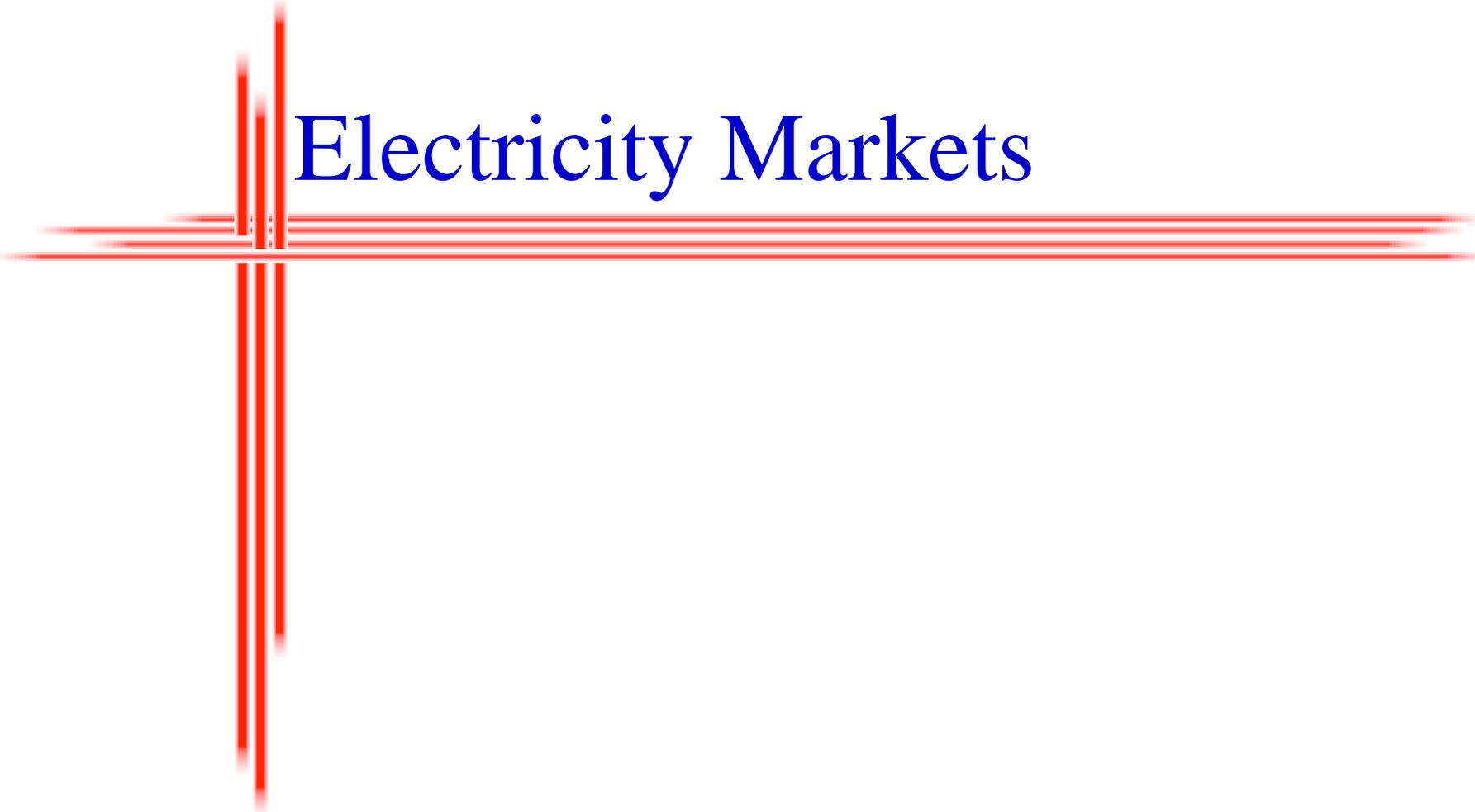
Updated: March 08, 2011

Northeast Coal Stockpiles at Electric Power Generating Facilities



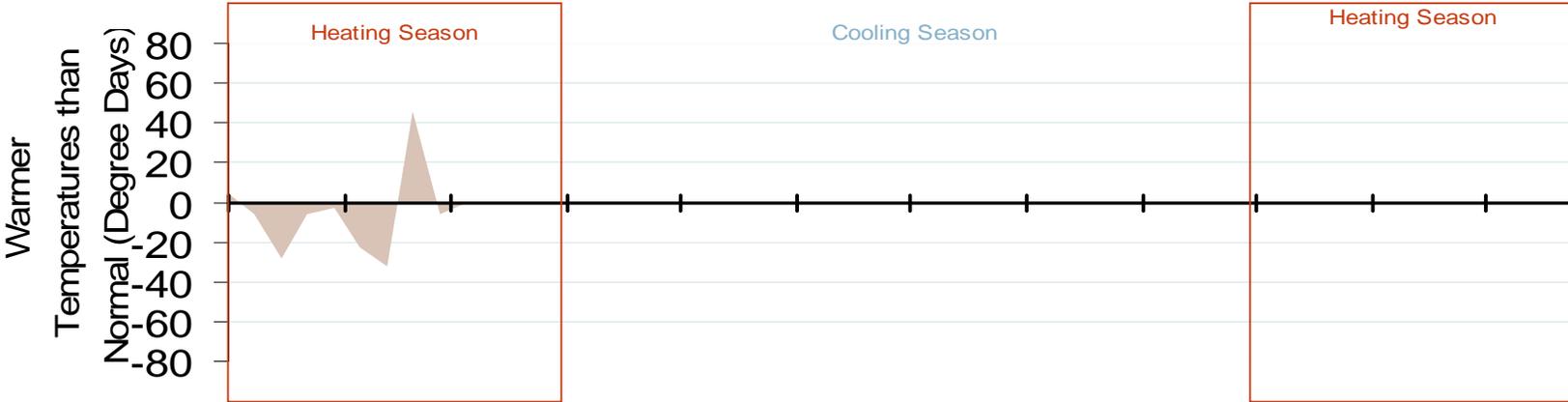
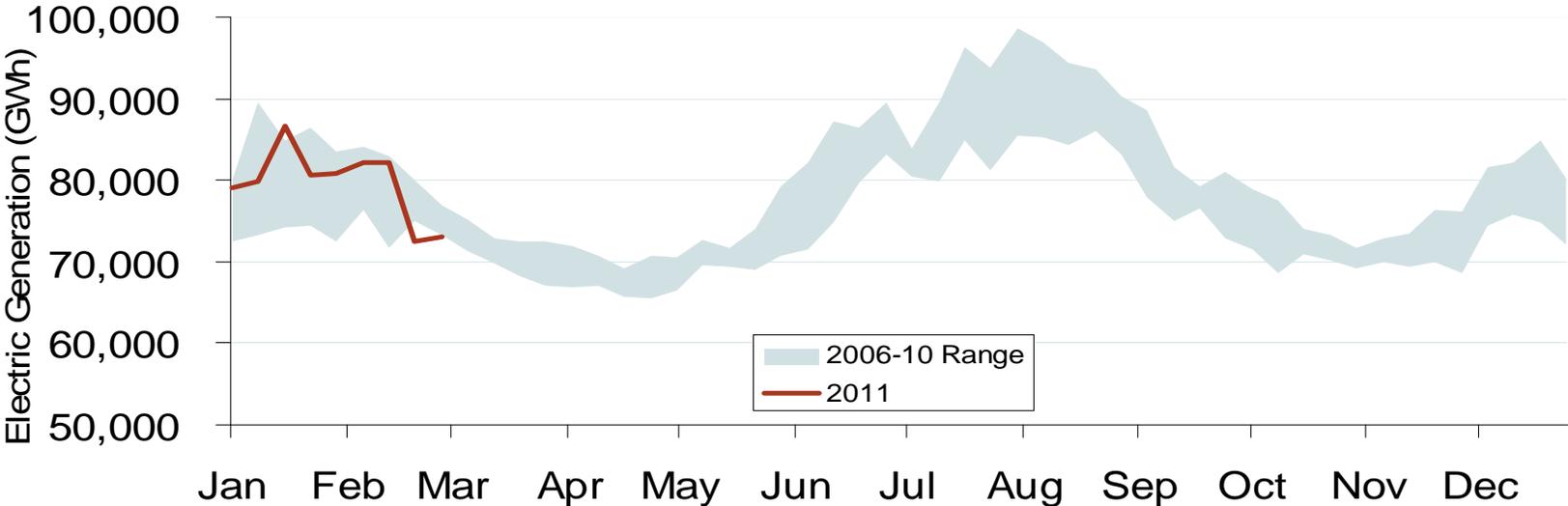
Source: Energy Information Administration. Excludes Industrial and Commercial Plants.
March 2011 Northeast Snapshot Report

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Electricity Markets

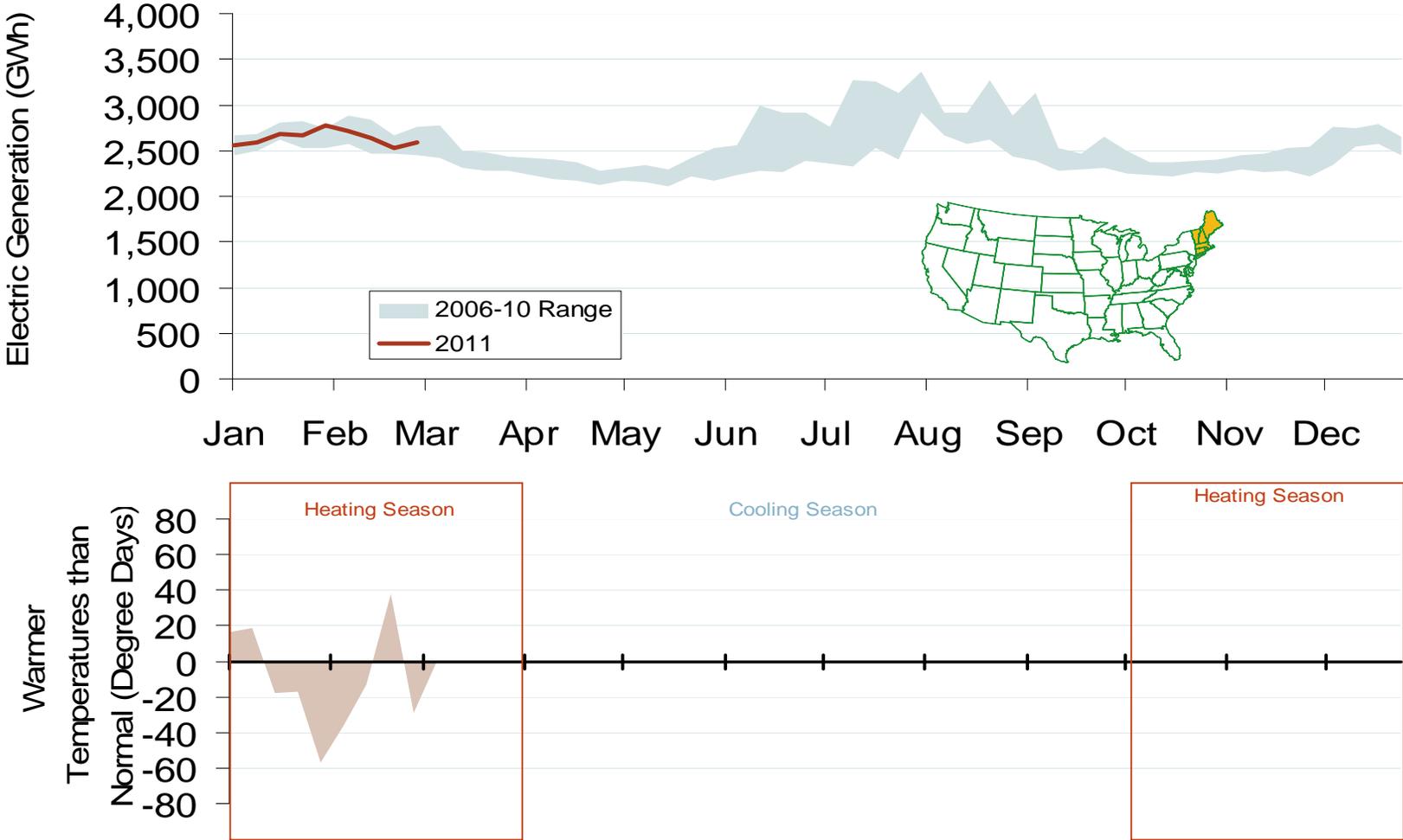
Weekly U.S. Electric Generation Output and Temperatures



Source: Derived from EEI and NOAA data.

Updated: March 08, 2011

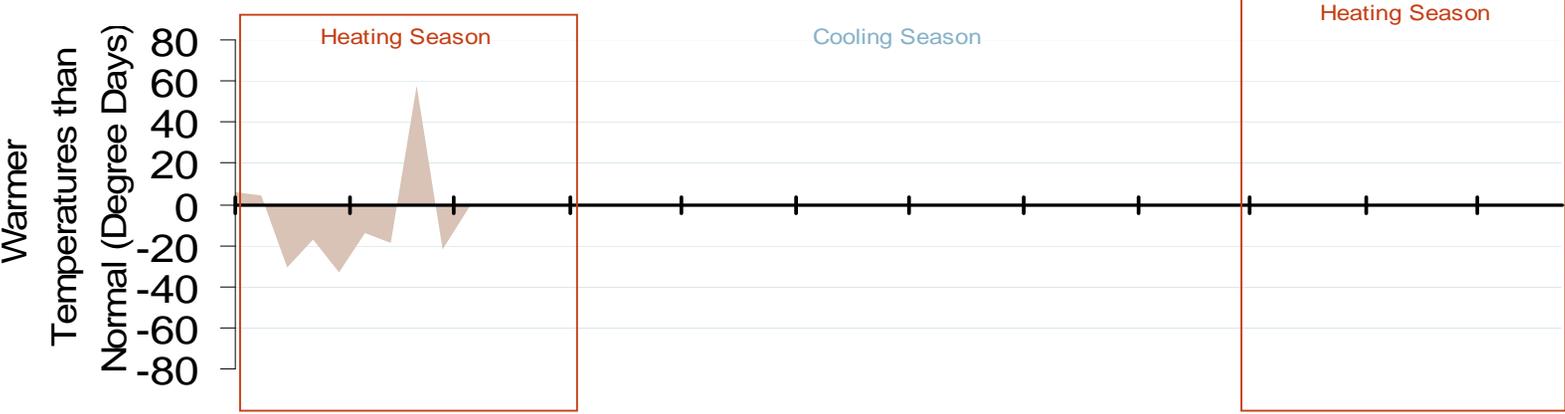
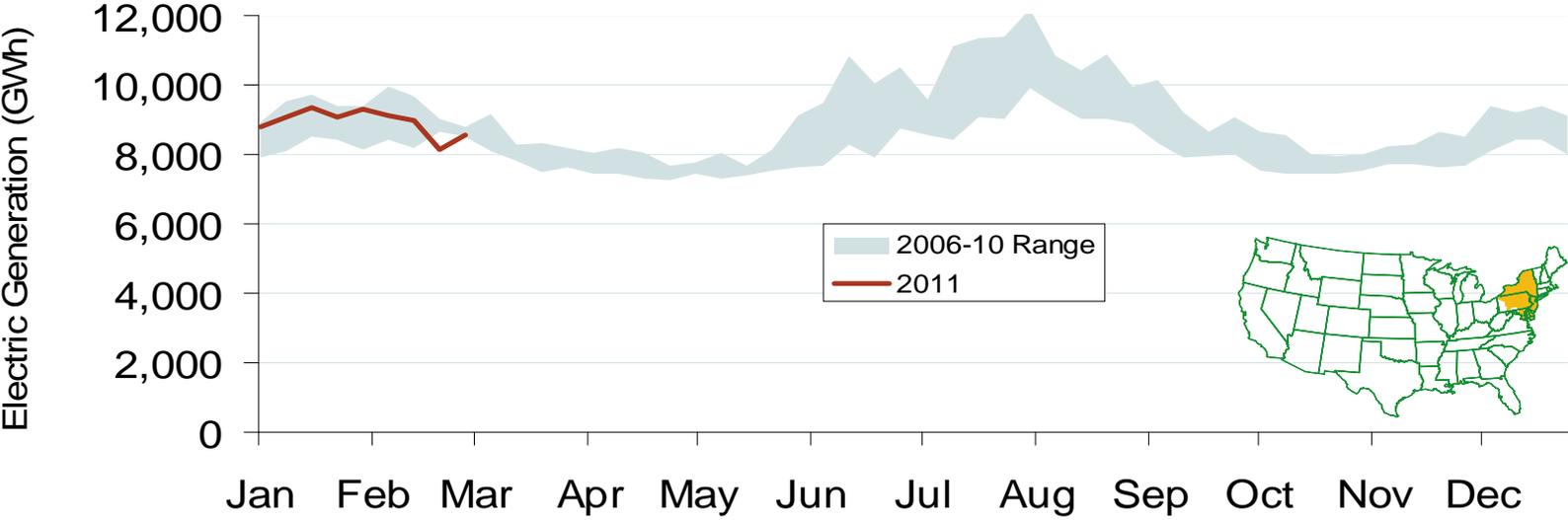
Weekly Electric Generation Output and Temperatures New England Region



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

Updated: March 08, 2011

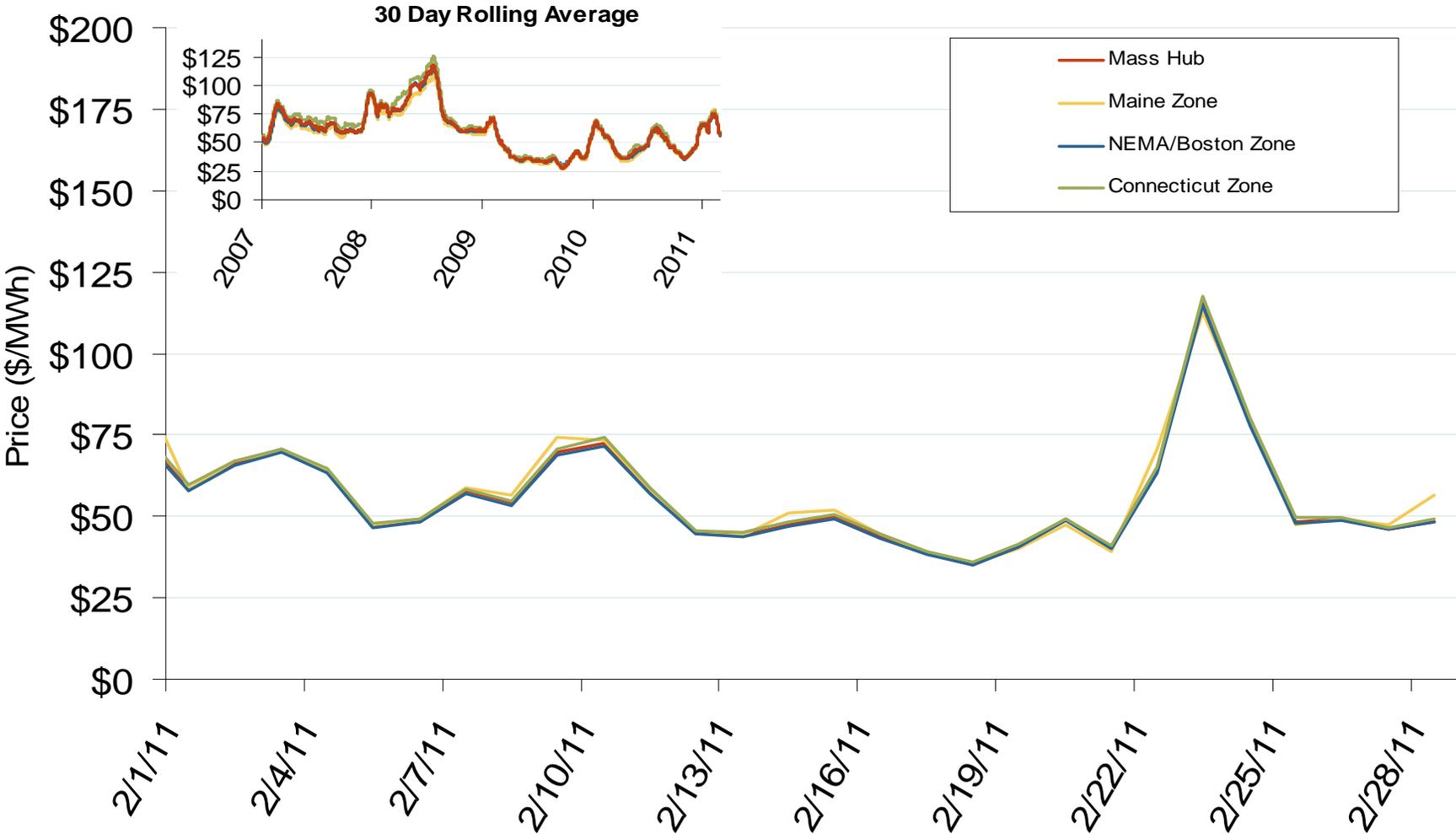
Weekly Electric Generation Output and Temperatures Mid Atlantic Region



Source: Derived from EEI and NOAA data.

Updated: March 08, 2011

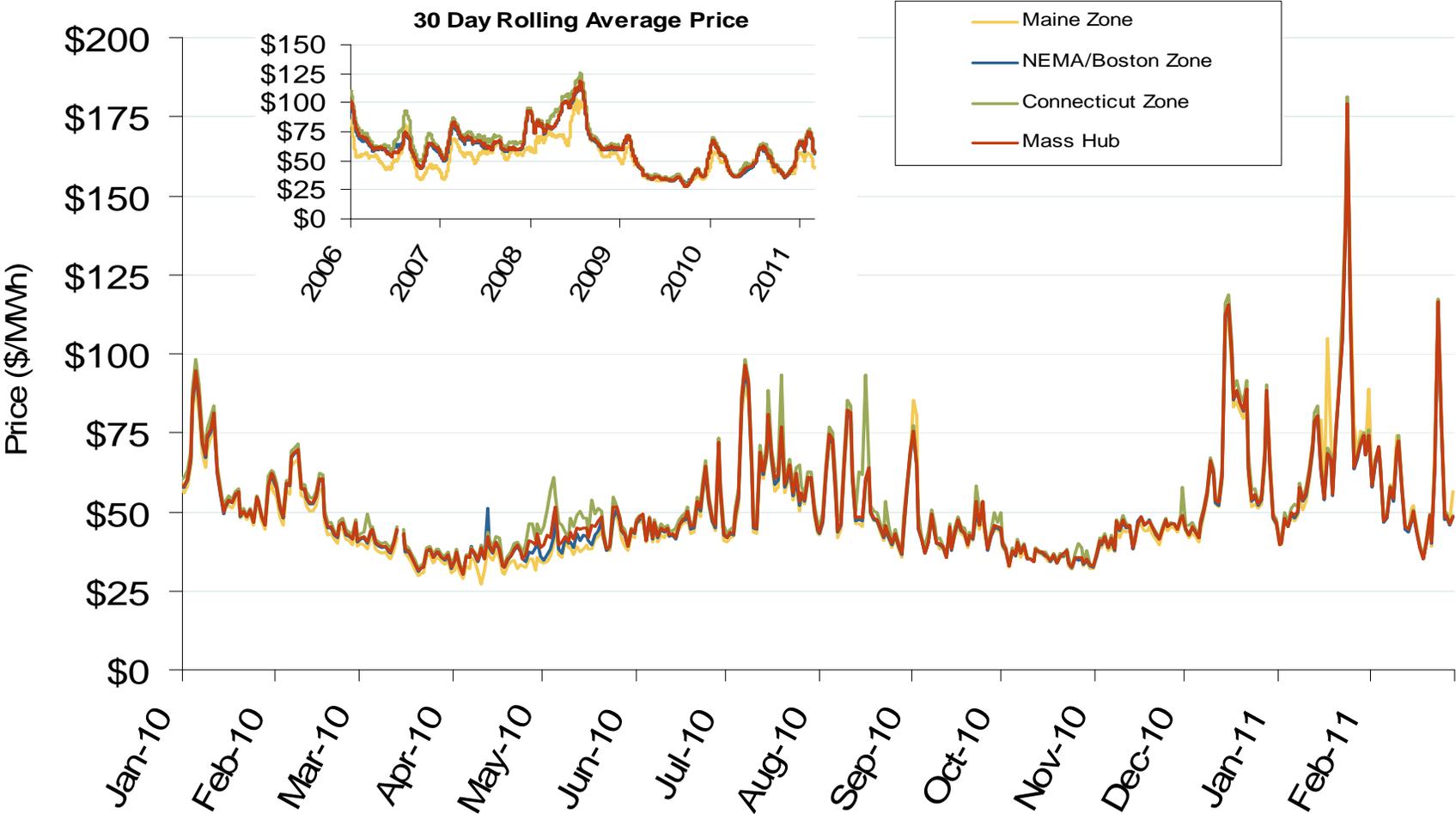
Daily Average of ISO-NE Day-Ahead Prices - All Hours



Source: Derived from Bloomberg data.

Updated: March 08, 2011

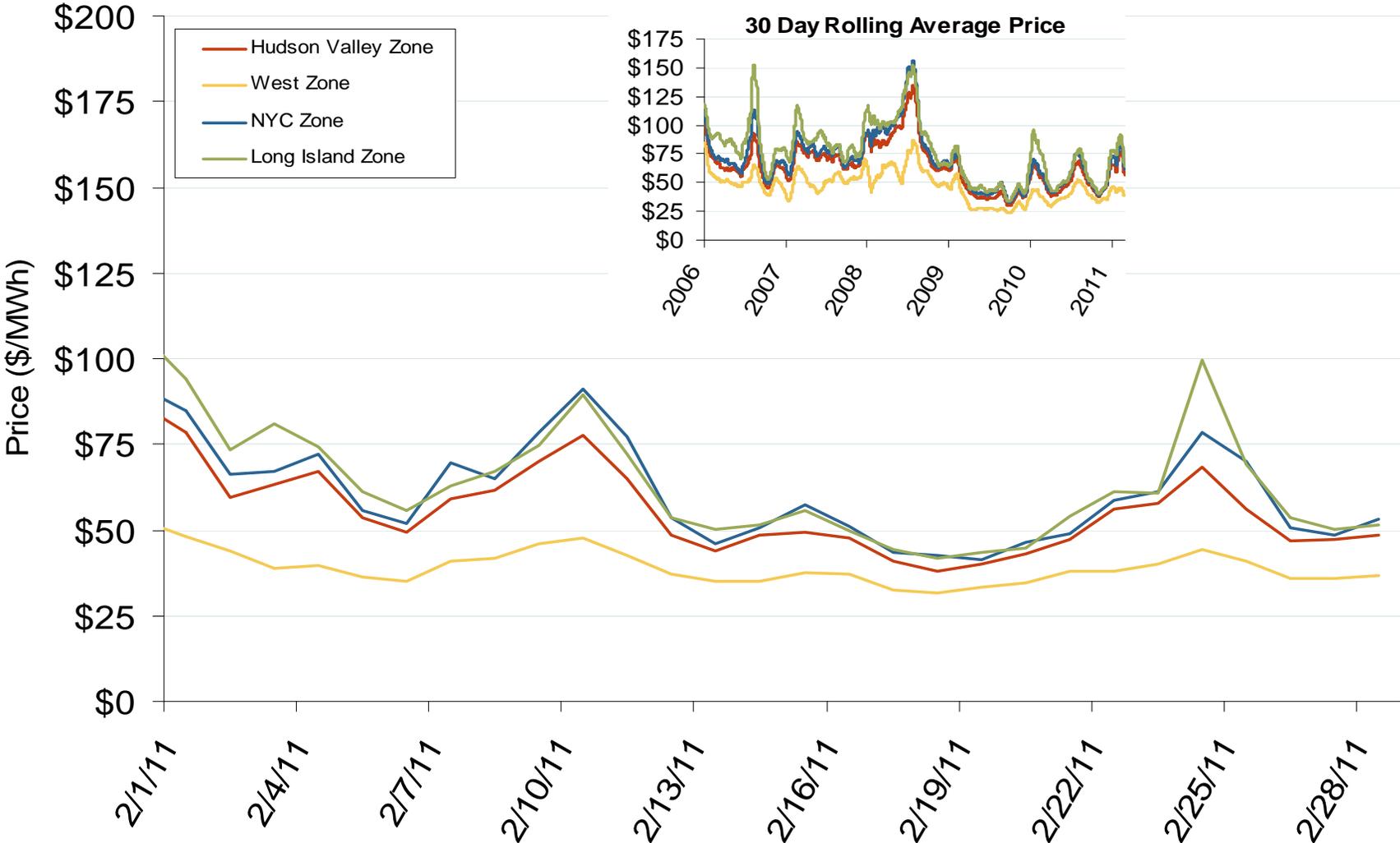
Daily Average of ISO-NE Day-Ahead Prices - All Hours



Source: Derived from *Bloomberg* data.

Updated: March 08, 2011

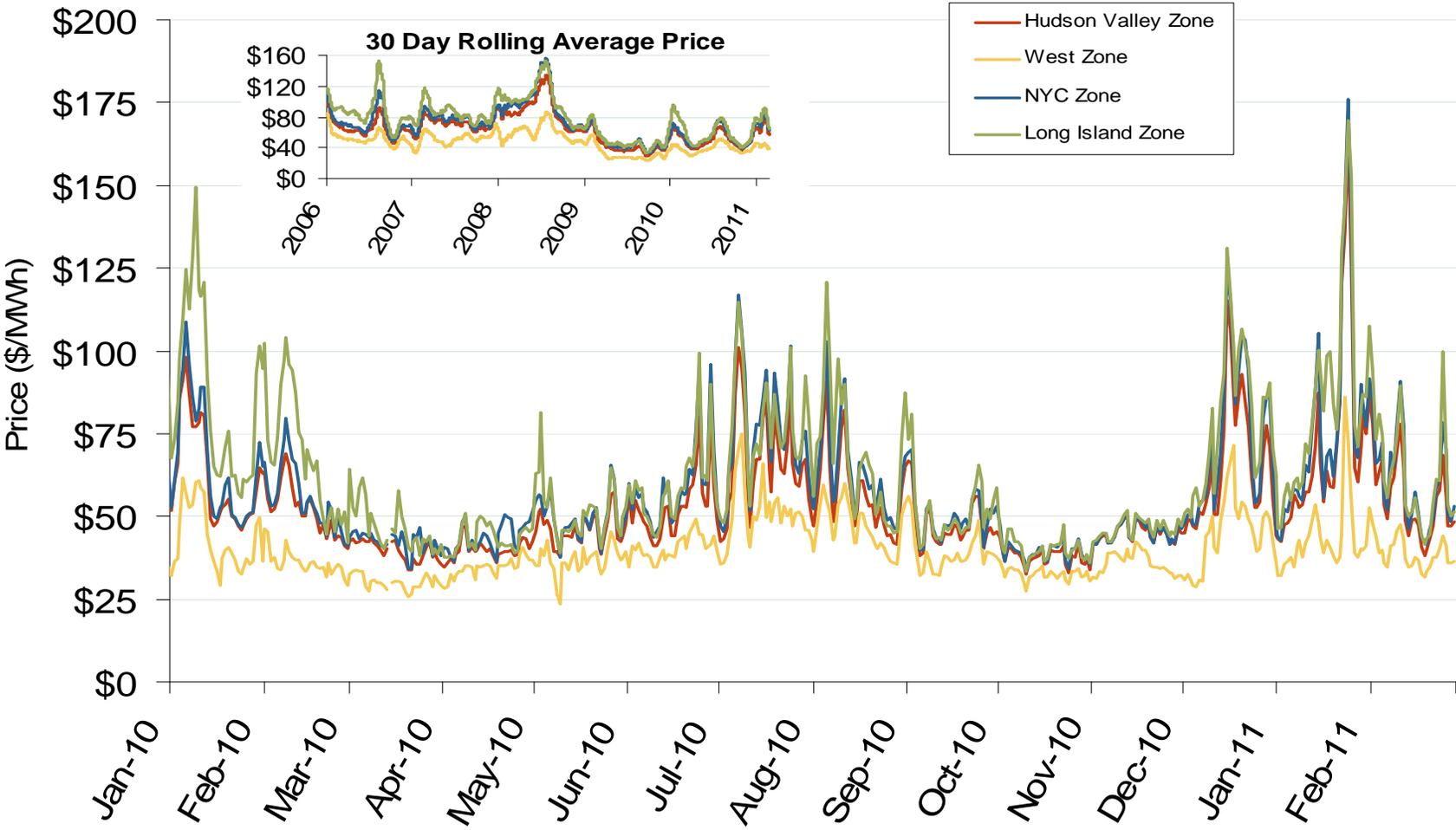
Daily Average of NYISO Day-Ahead Prices - All Hours



Source: Derived from Bloomberg data.

Updated: March 08, 2011

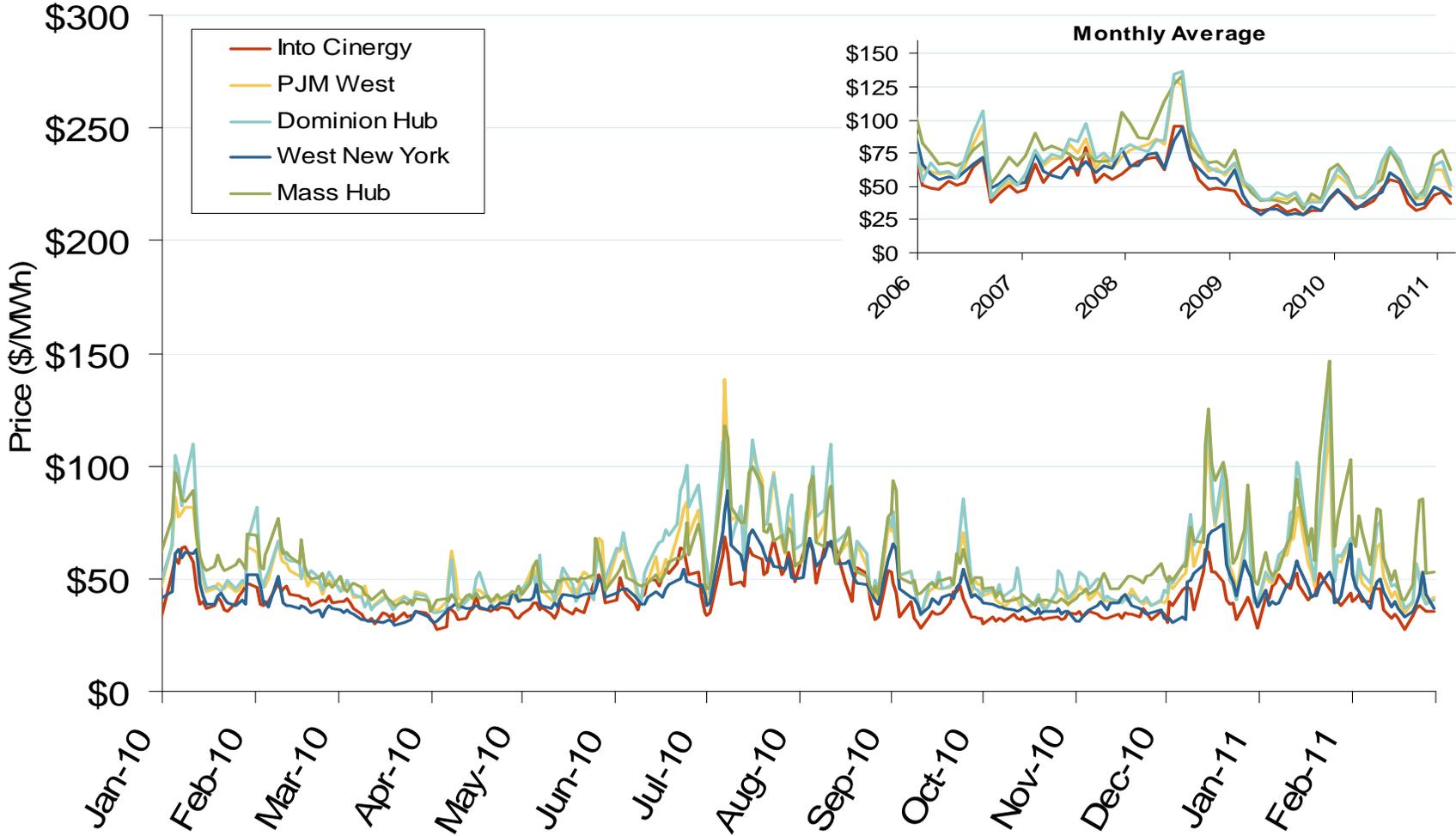
Daily Average of NYISO Day-Ahead Prices - All Hours



Source: Derived from *Bloomberg* data.

Updated: March 08, 2011

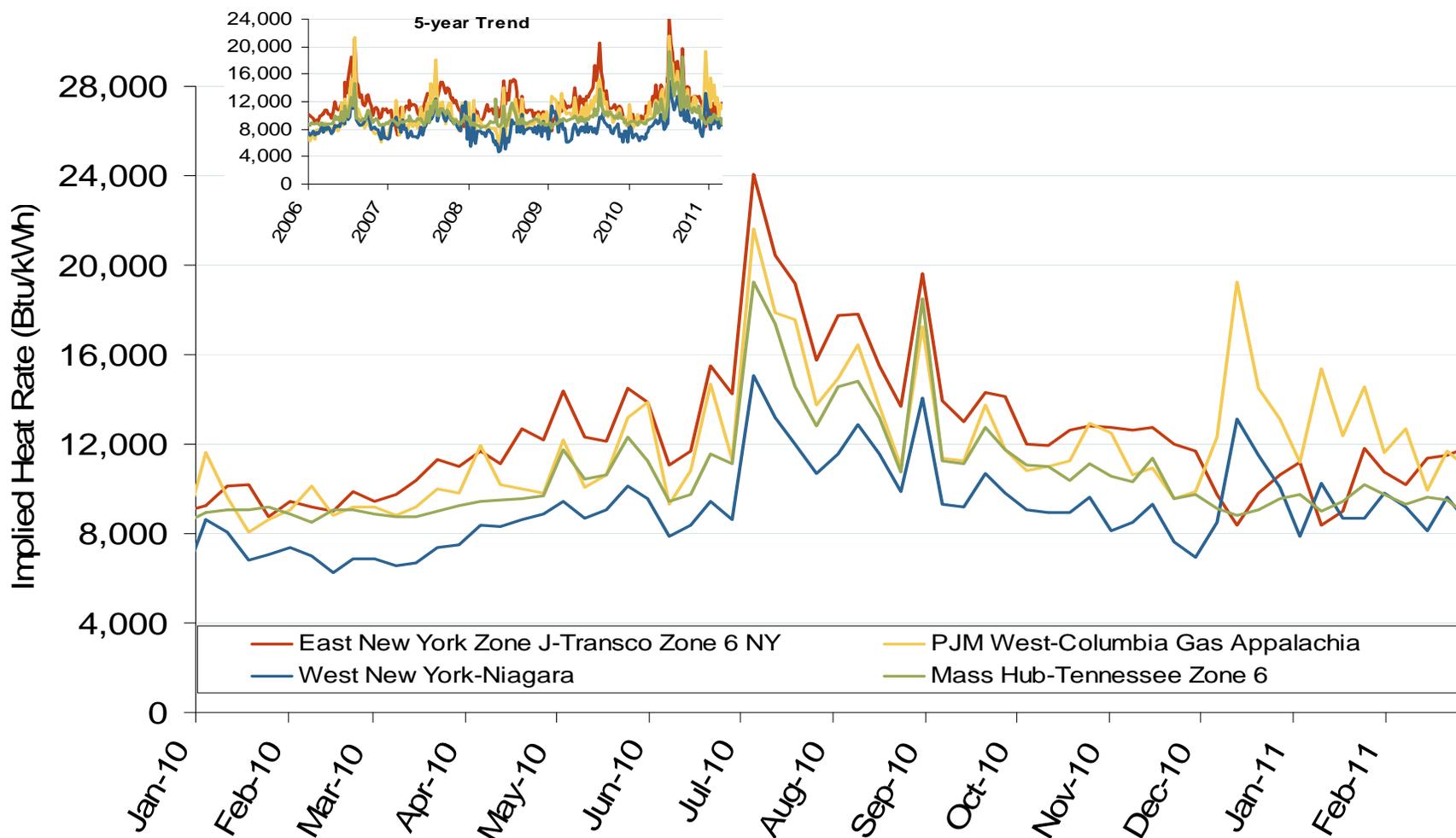
Eastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: March 08, 2011

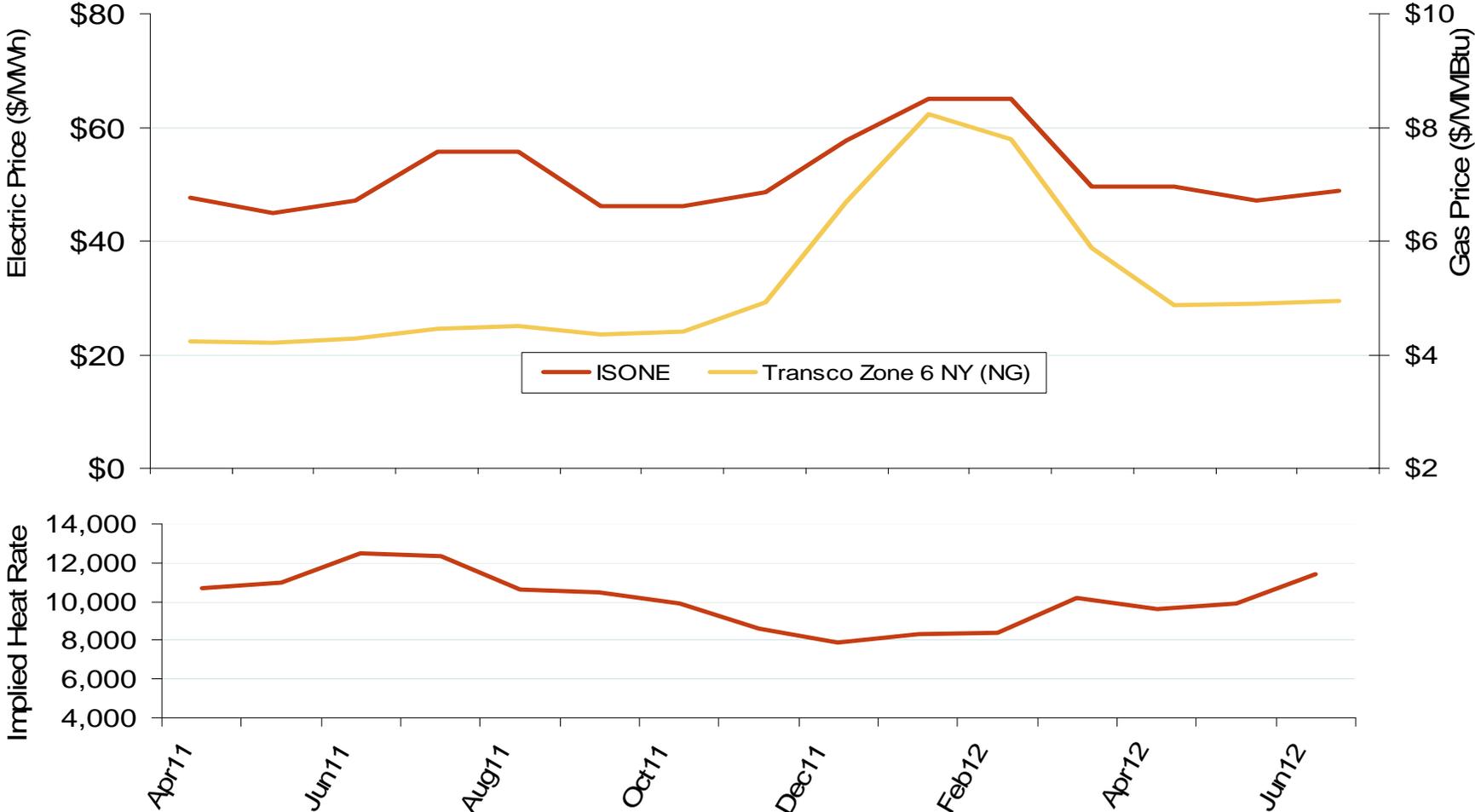
Implied Heat Rates at Eastern Trading Points Weekly Averages



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

Updated: March 08, 2011

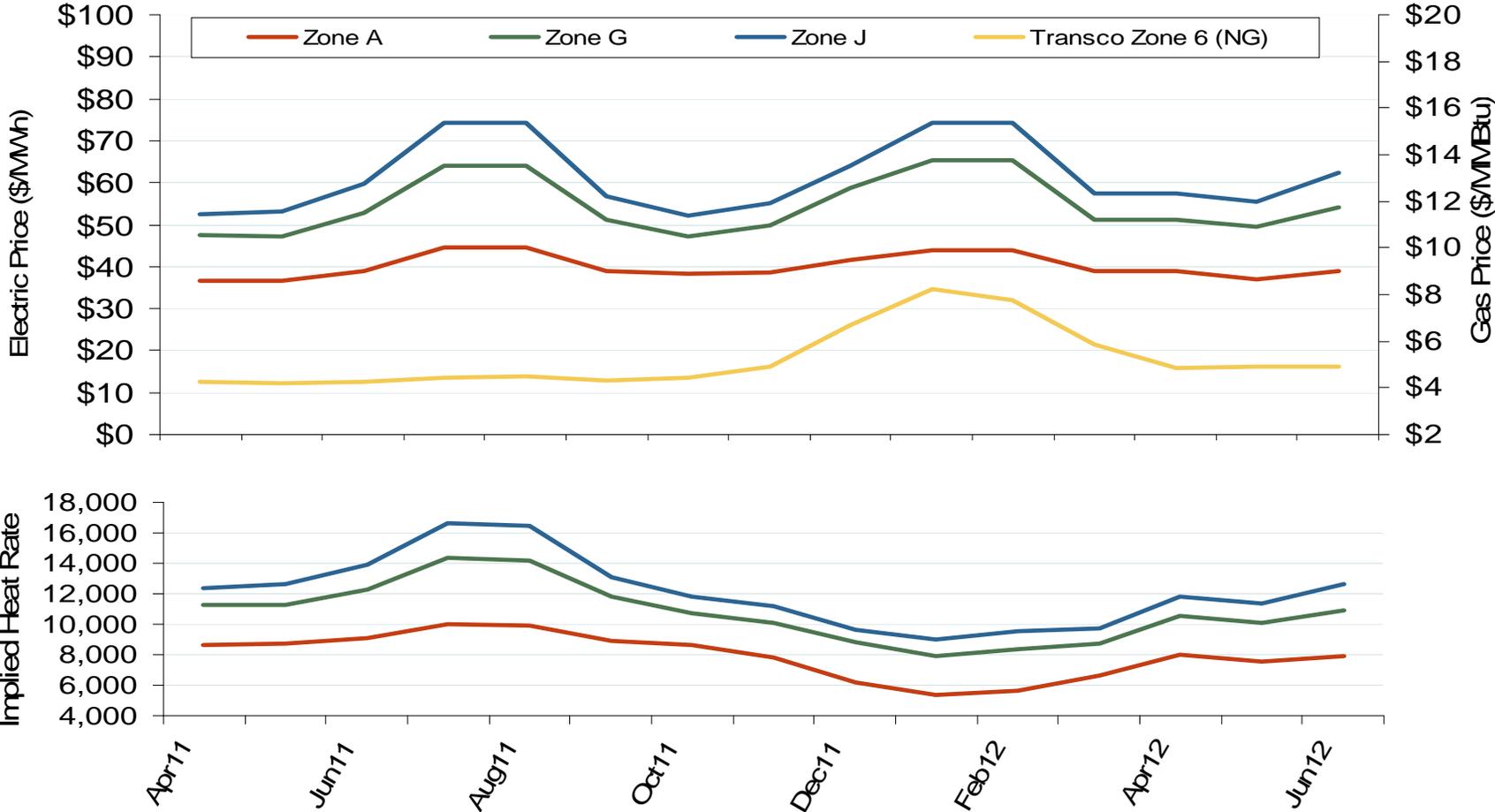
New England Electric Forward Price Curve and Implied Heat Rate



Source: Derived from *Nymex* data

Updated: March 8, 2011

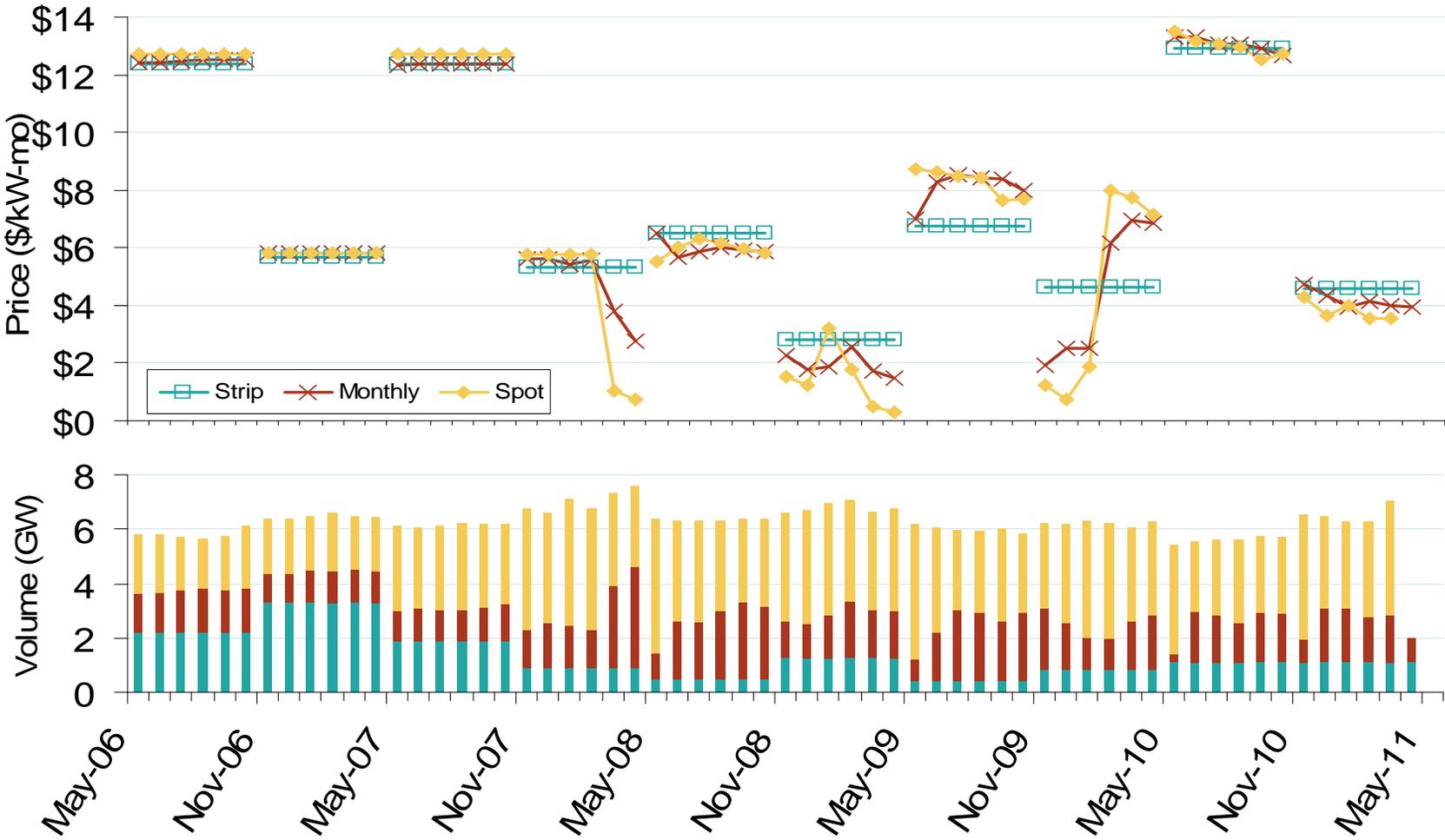
New York Electric Forward Price Curves and Implied Heat Rates



Source: Derived from Nymex data.

Updated: March 08, 2011

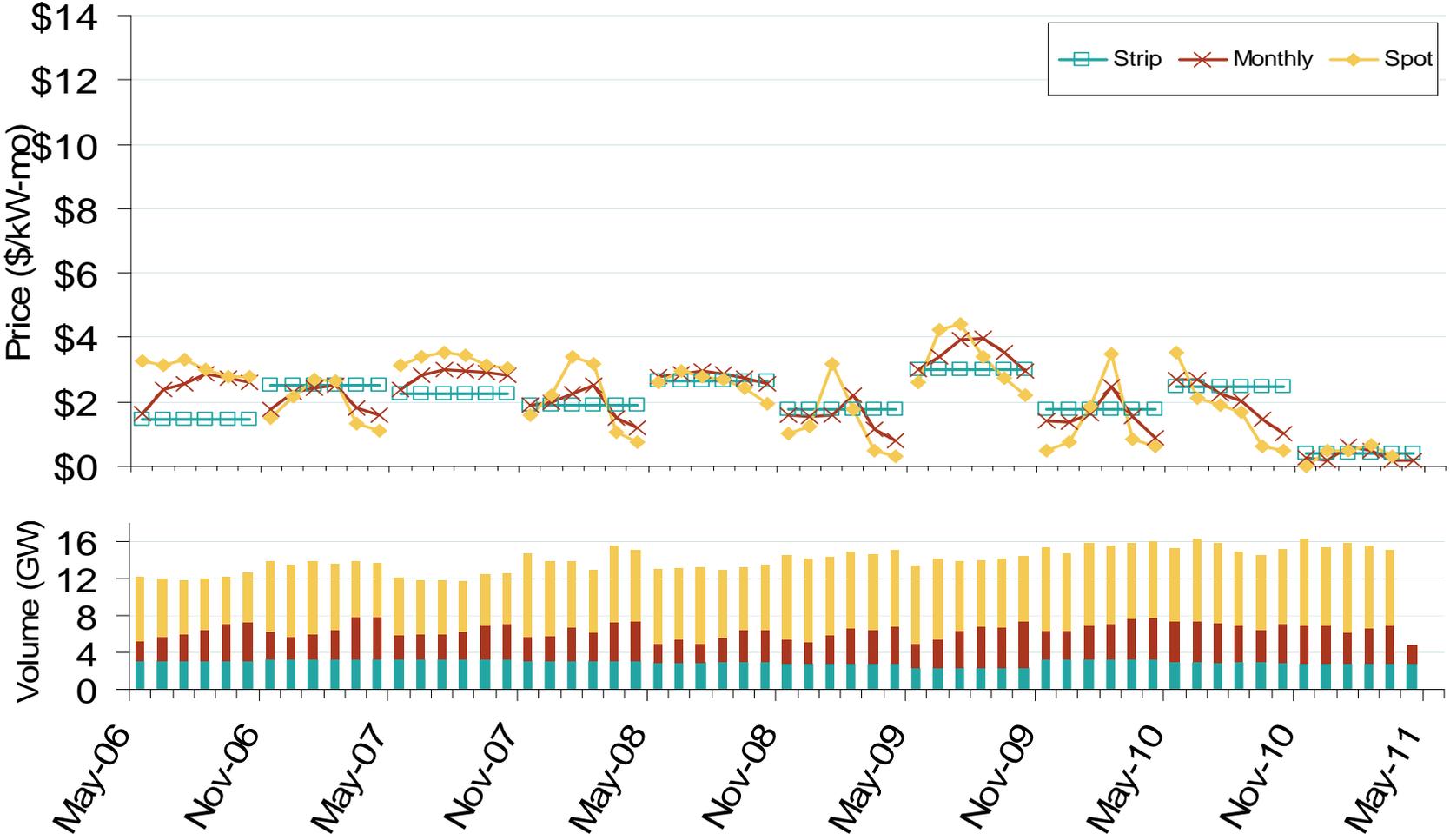
Weighted Average ICAP Clearing Prices and Volumes: New York City



Source: Derived from NYISO data.

Updated: March 08, 2011

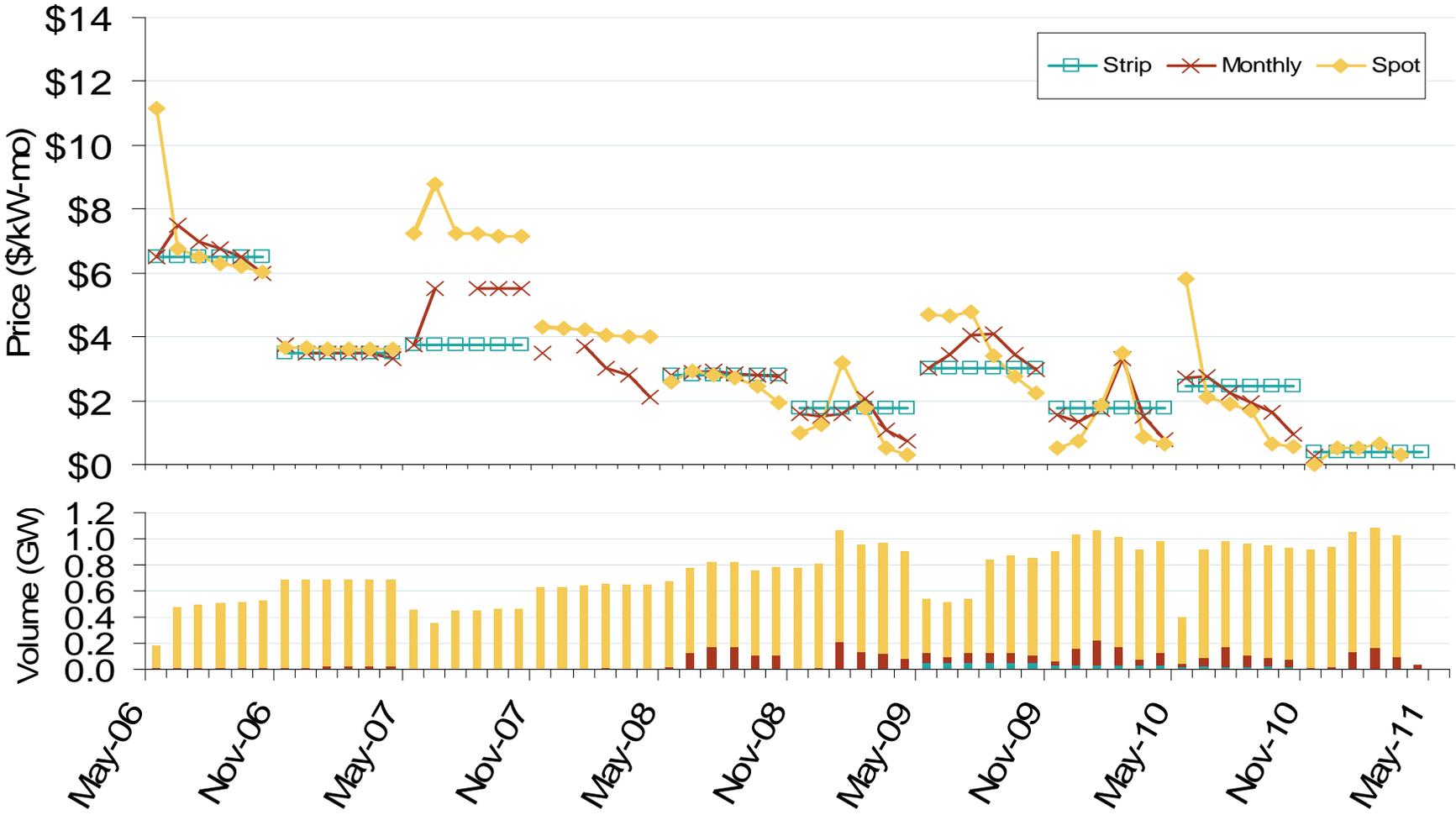
Weighted Average ICAP Clearing Prices and Volumes: New York State, excluding New York City



Source: Derived from NYISO data.

Updated: March 08, 2011

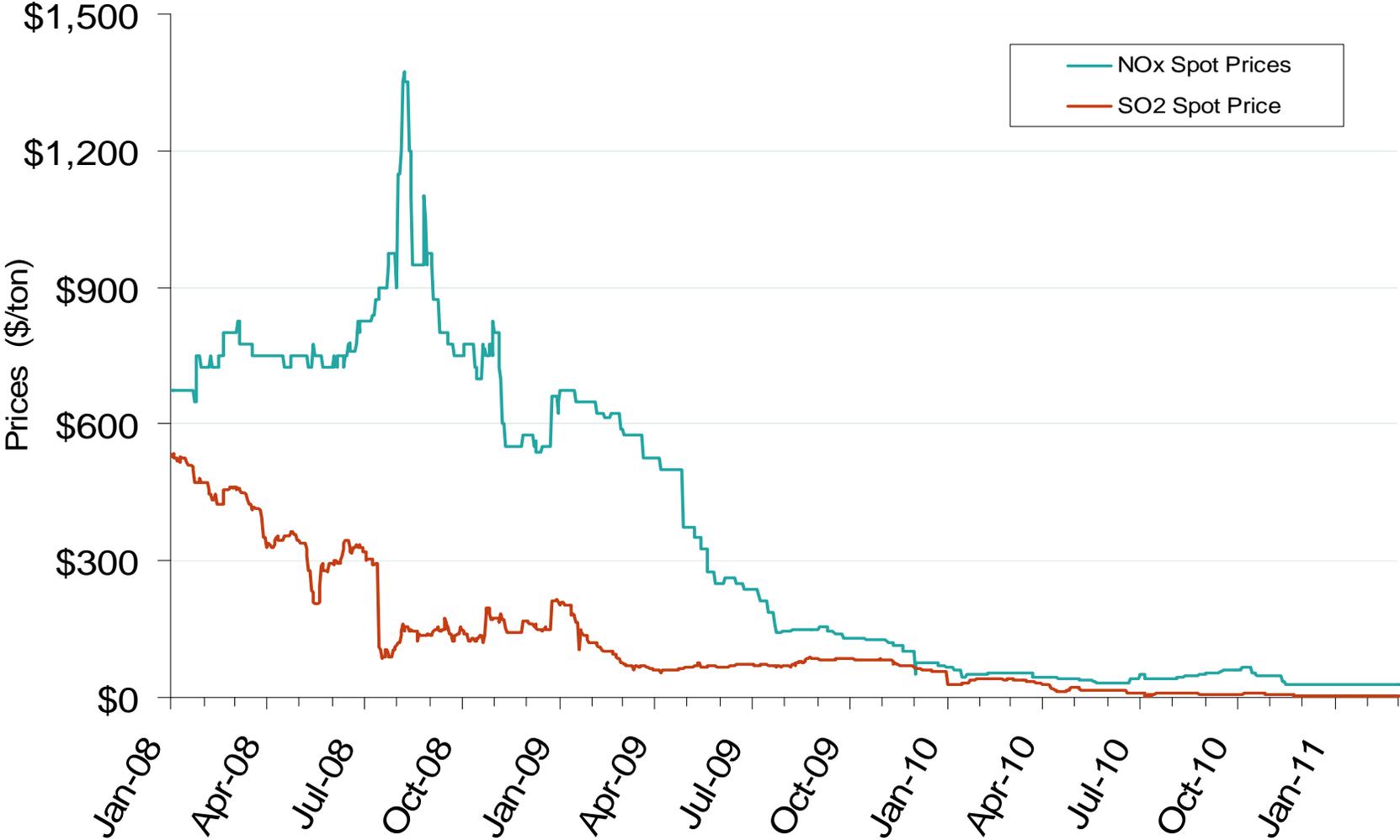
Weighted Average ICAP Clearing Prices and Volumes: Long Island



Source: Derived from NYISO data.

Updated: March 08, 2011

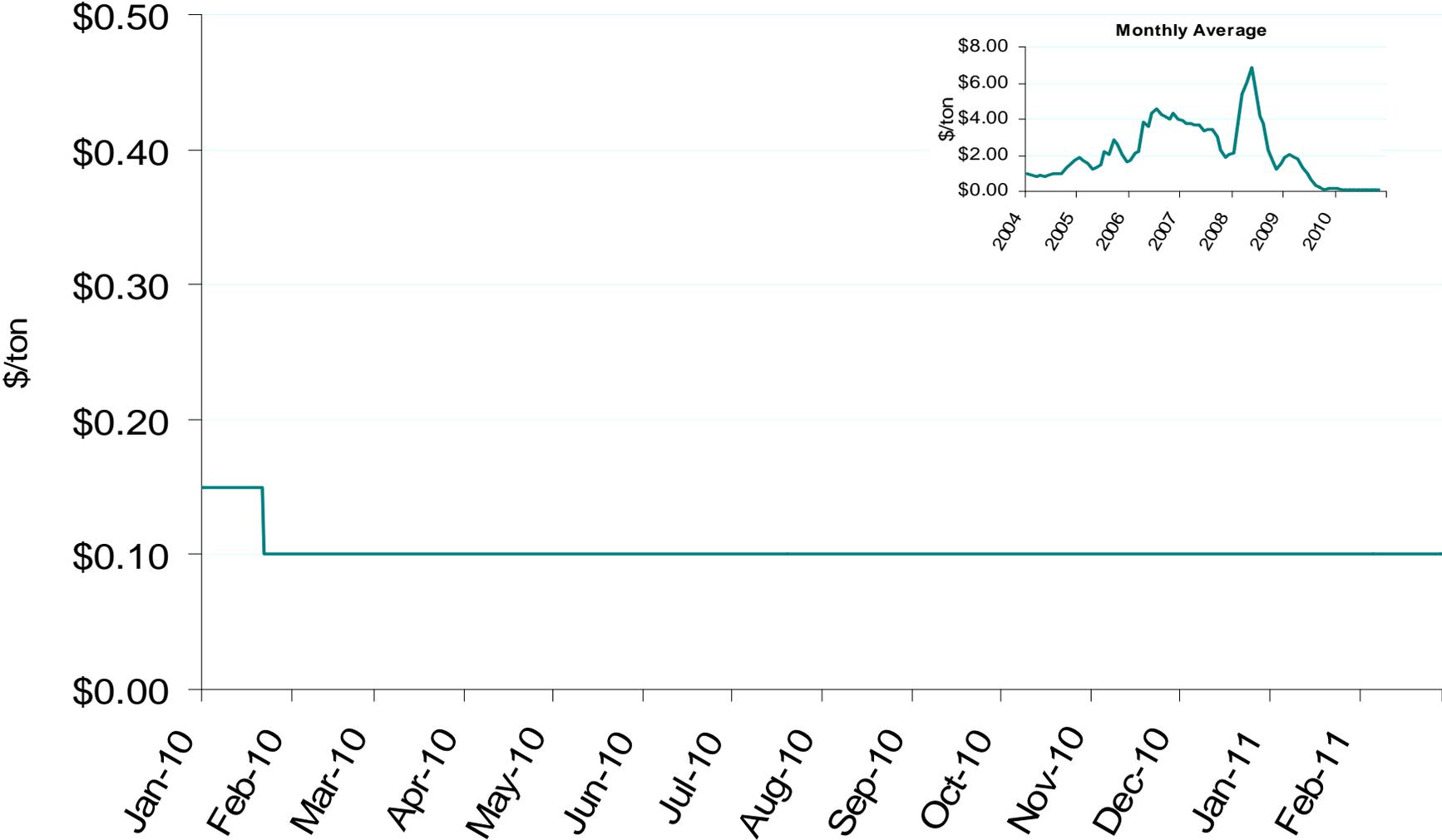
SO2 Allowance Spot Prices and NOx Seasonal Allowance Spot Prices



Source: Derived from *Bloomberg data*.

Updated: March 07, 2011

Chicago Climate Exchange CO2 Index



Source: Derived from *Bloomberg data*.
March 2011 Northeast Snapshot Report

Updated: March 07, 2011