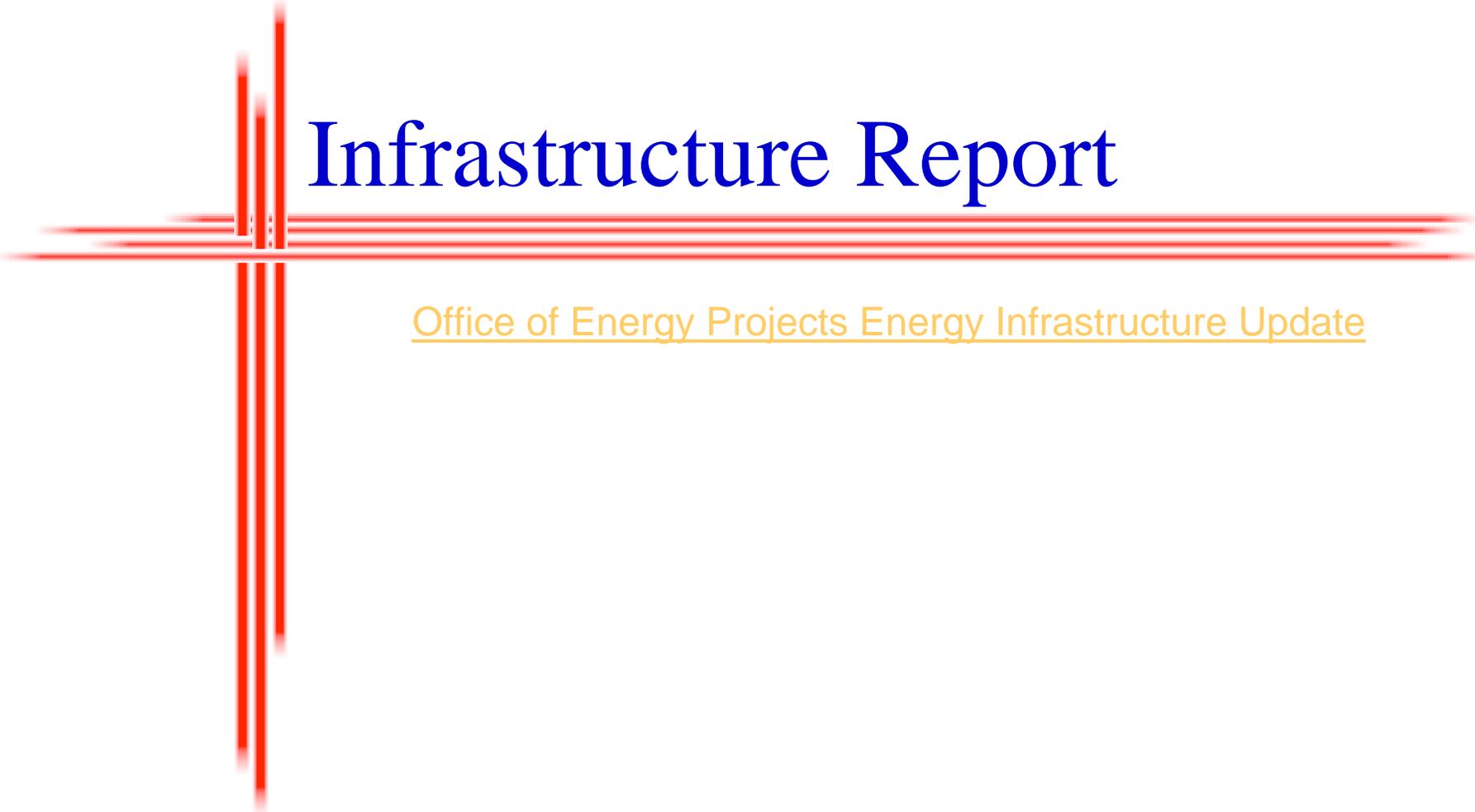


OE ENERGY MARKET SNAPSHOT

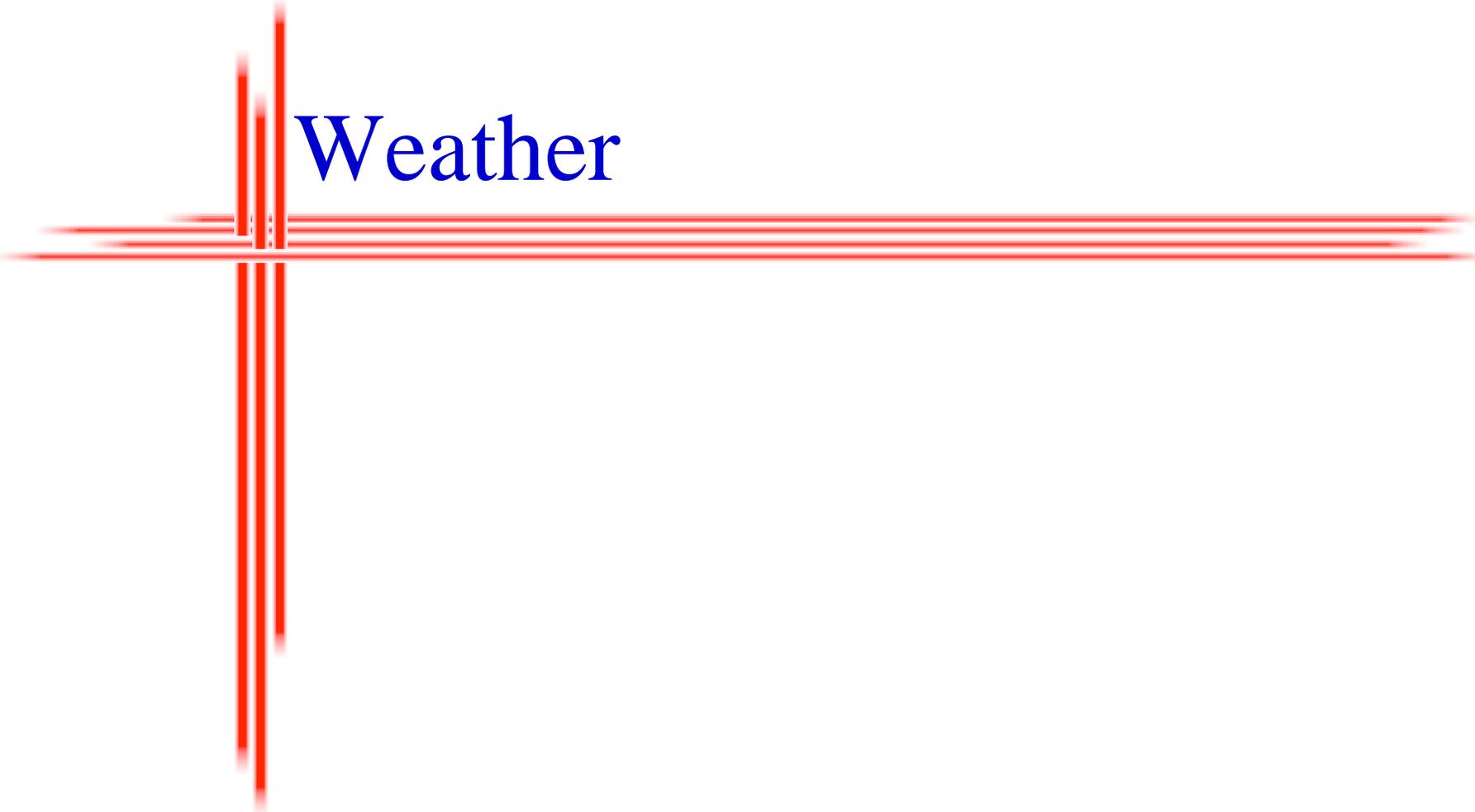
Northeast States Version – November 2012 Data

Office of Enforcement
Federal Energy Regulatory Commission
December 2012



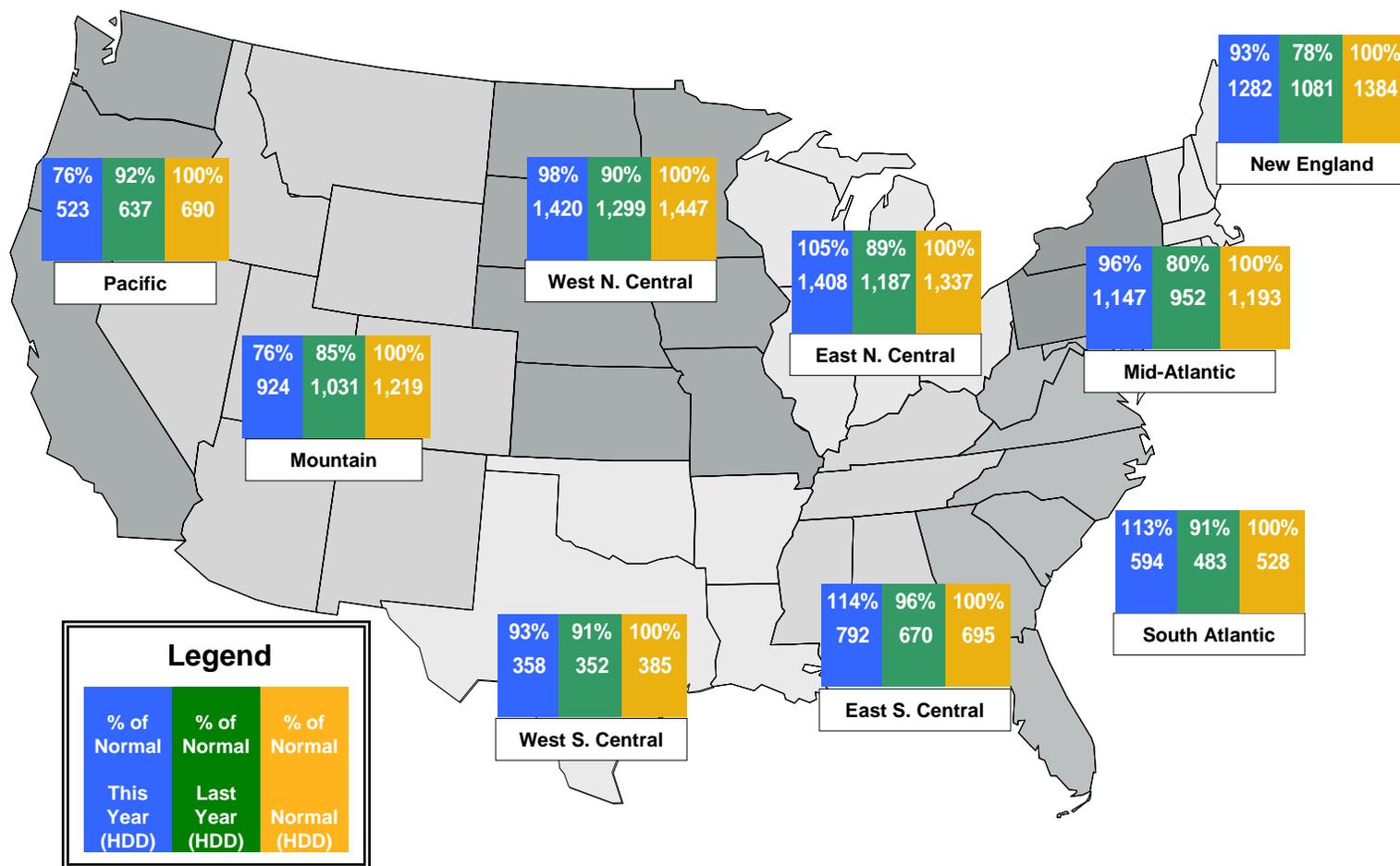
Infrastructure Report

Office of Energy Projects Energy Infrastructure Update



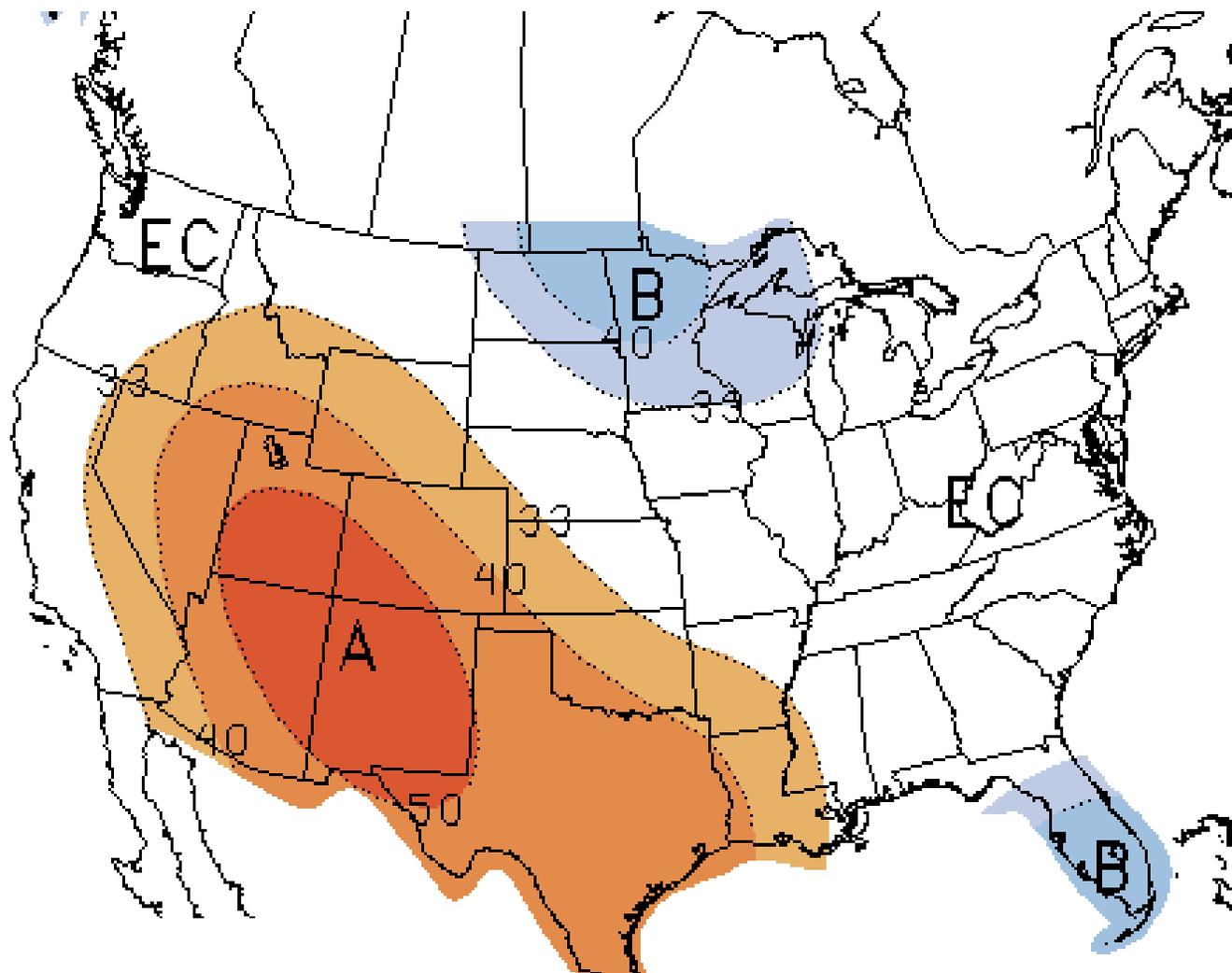
Weather

Regional Heating Degree Days – July 2012 to November 2012



Source: Derived from NOAA data. Normal is based on a 30-year average of heating degree day data.
December 2012 Northeast Snapshot Report

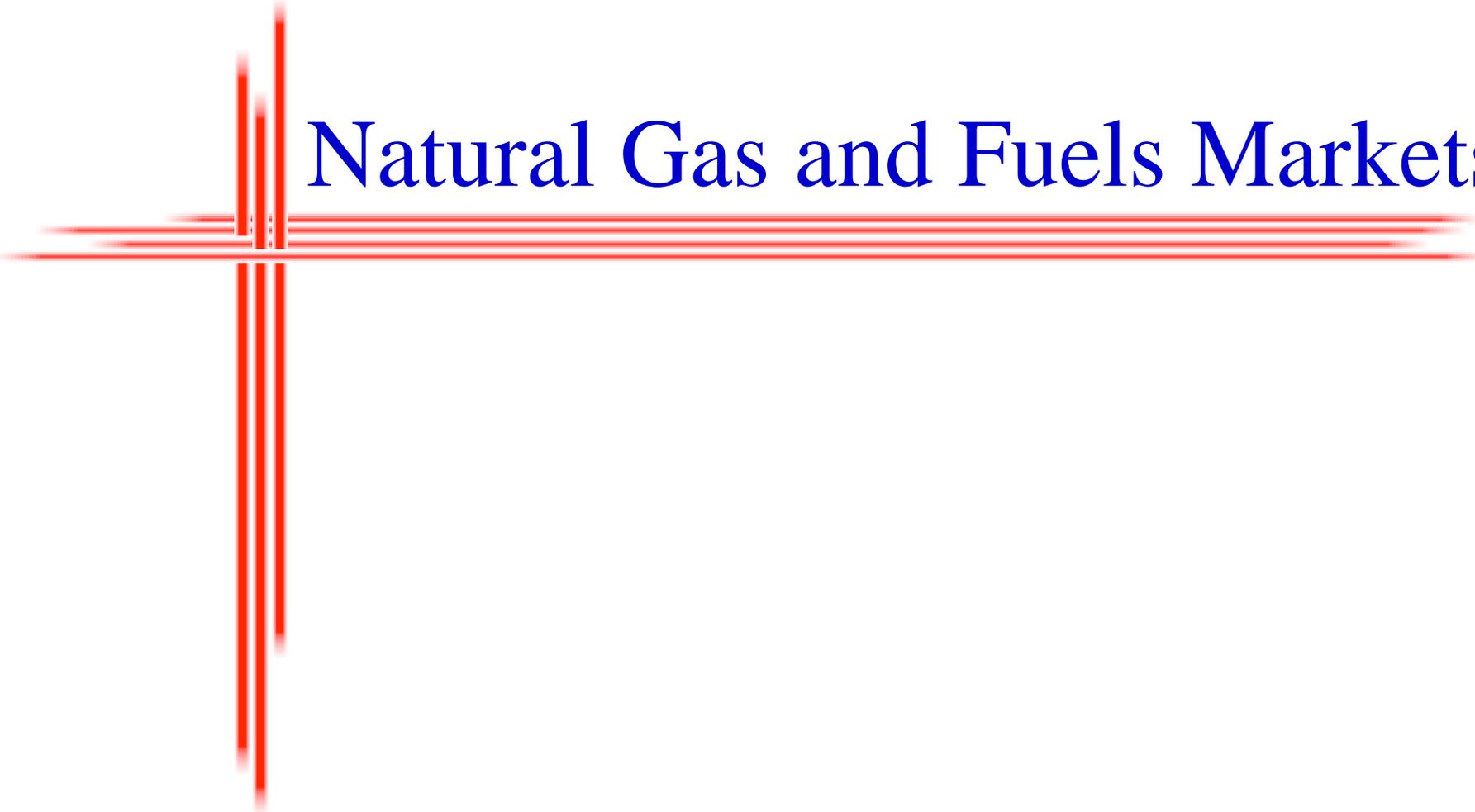
NOAA's 3 Month Temperature Forecast Made November 15, 2012, Valid for December 2012 – February 2013



Note: "A" areas are above normal, "B" areas are below normal and "EC" means equal chance. Normal is based on the last 30 years of data.

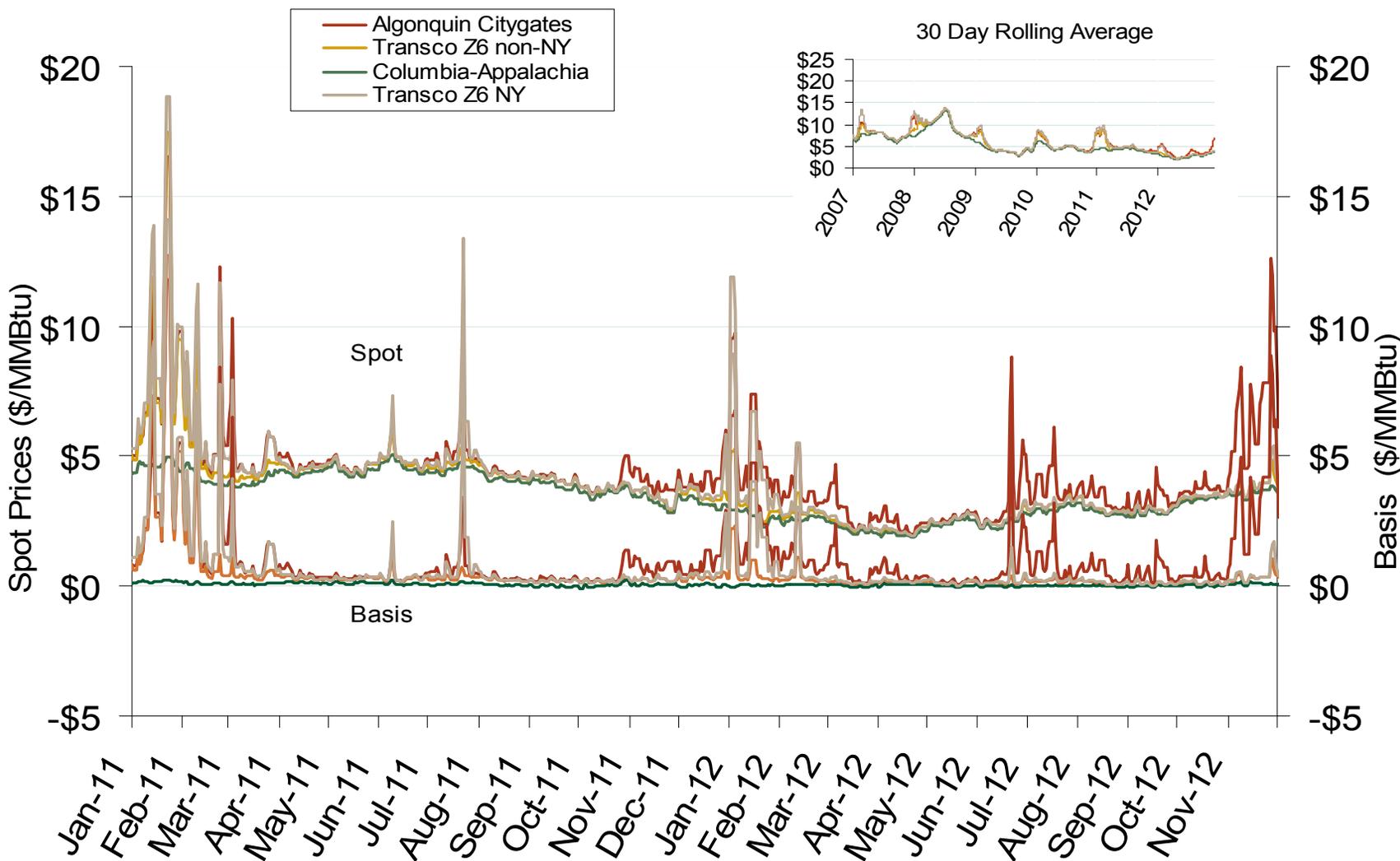
Source: Derived from NOAA data.

Updated: December 3, 2012



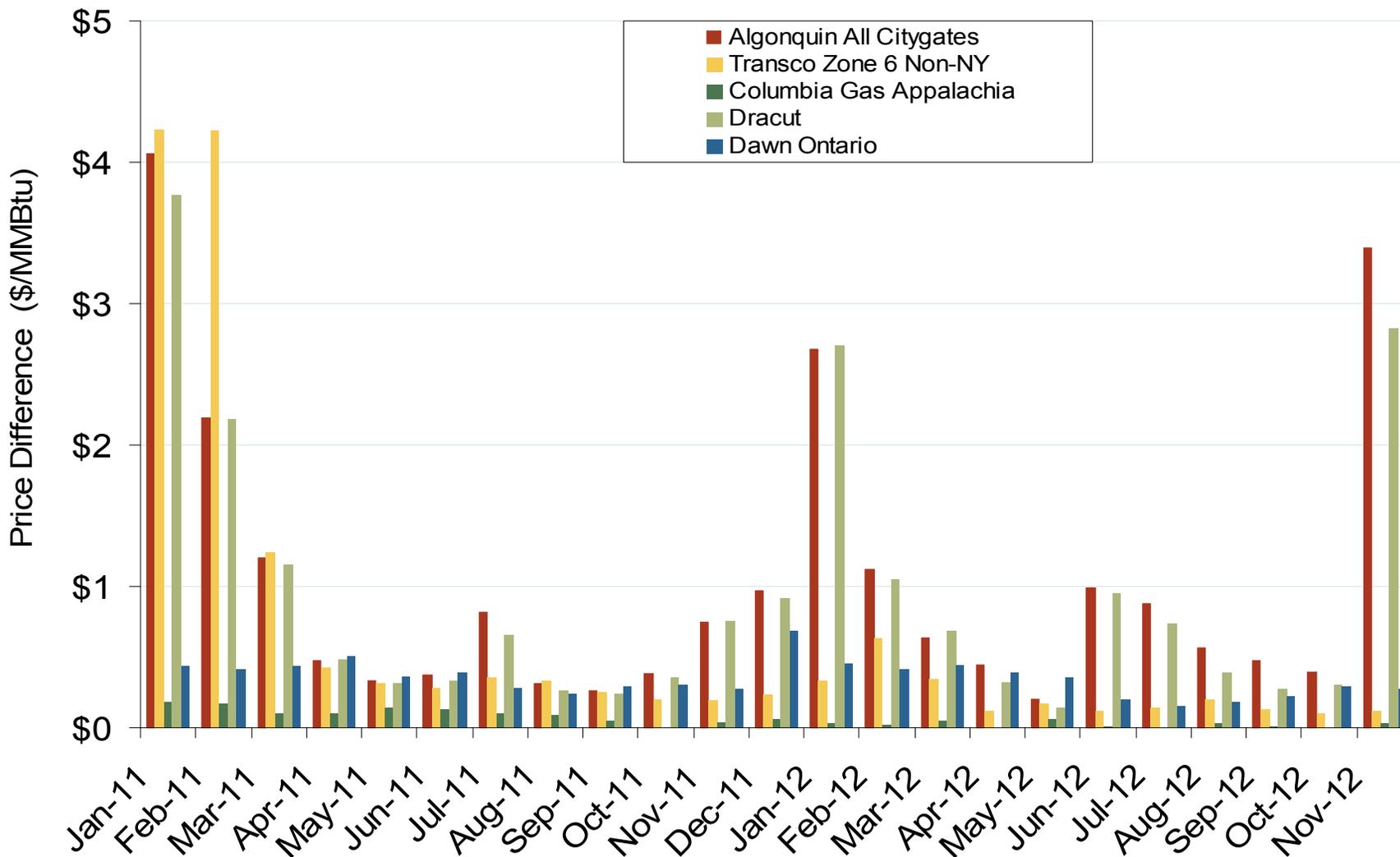
Natural Gas and Fuels Markets

Northeastern Spot Prices and Basis

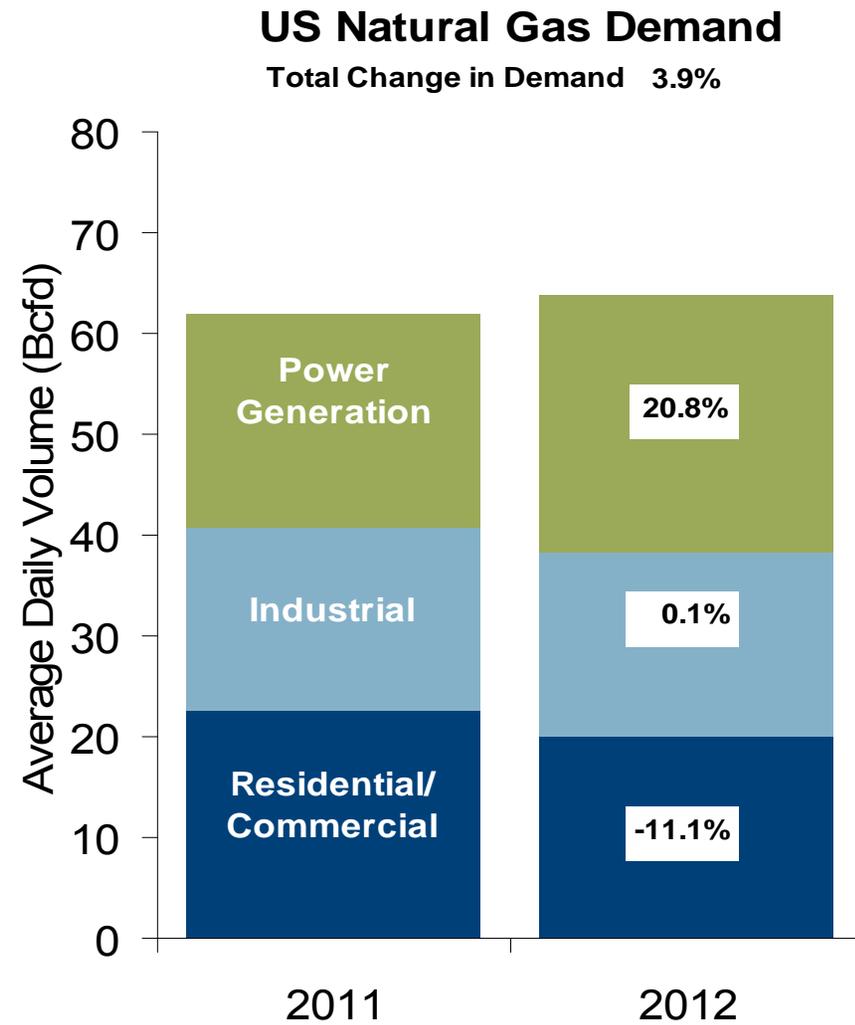
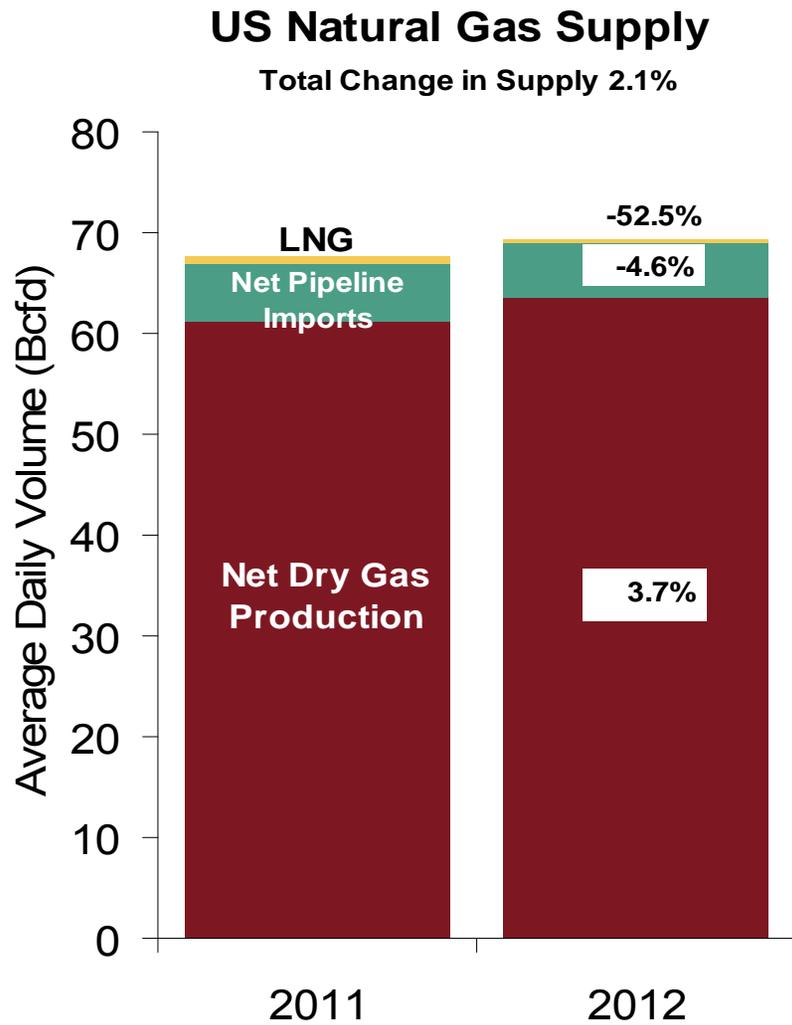


Source: Derived from Platts data

Northeastern Monthly Average Basis Value to Henry Hub



U.S. NG Supply and Demand 2011 vs. 2012: January - November



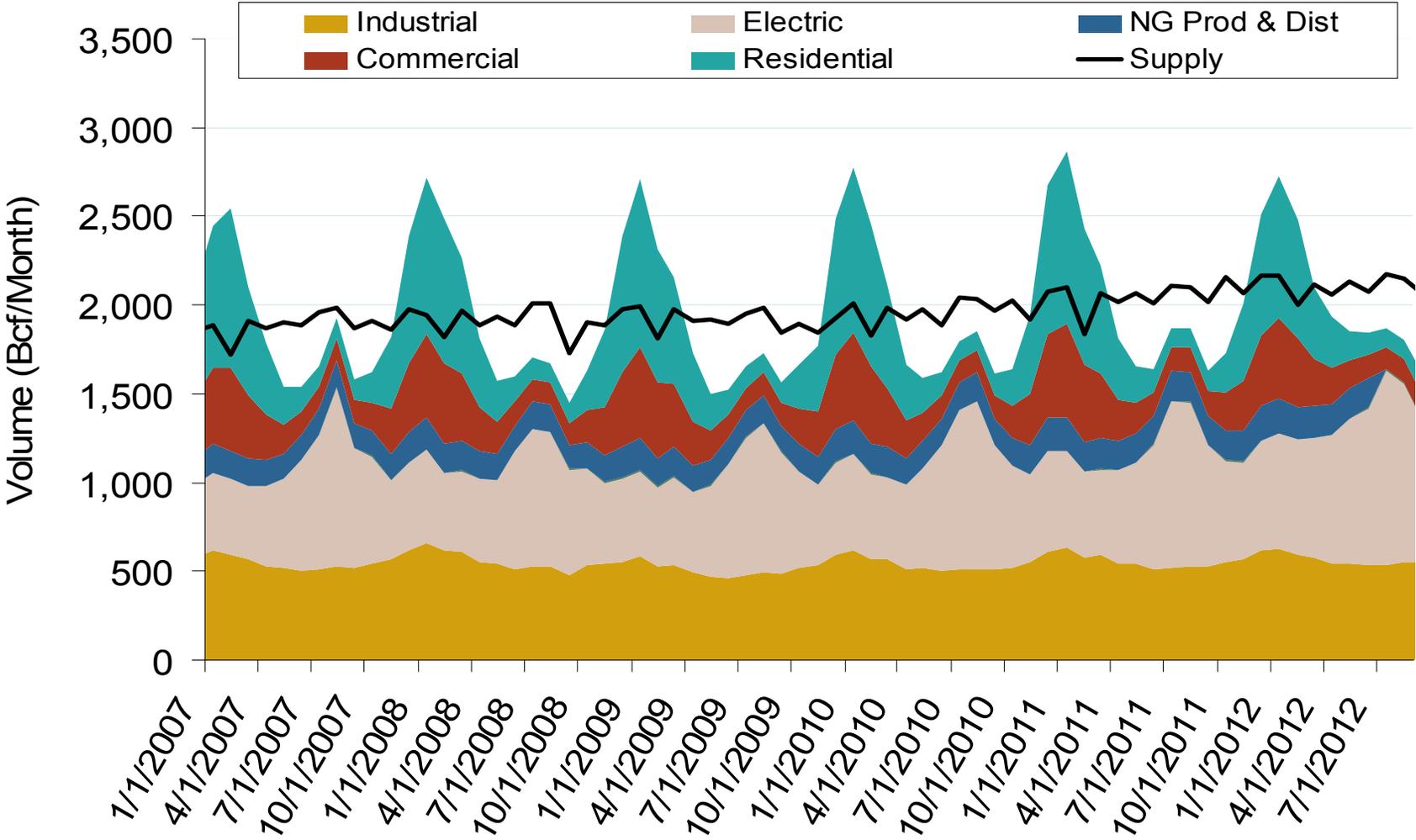
Note: Balance includes all amounts not attributable to other categories.

Source: Derived from *Bentek Energy* data

December 2012 Northeast Snapshot Report

Updated: December 04, 2012

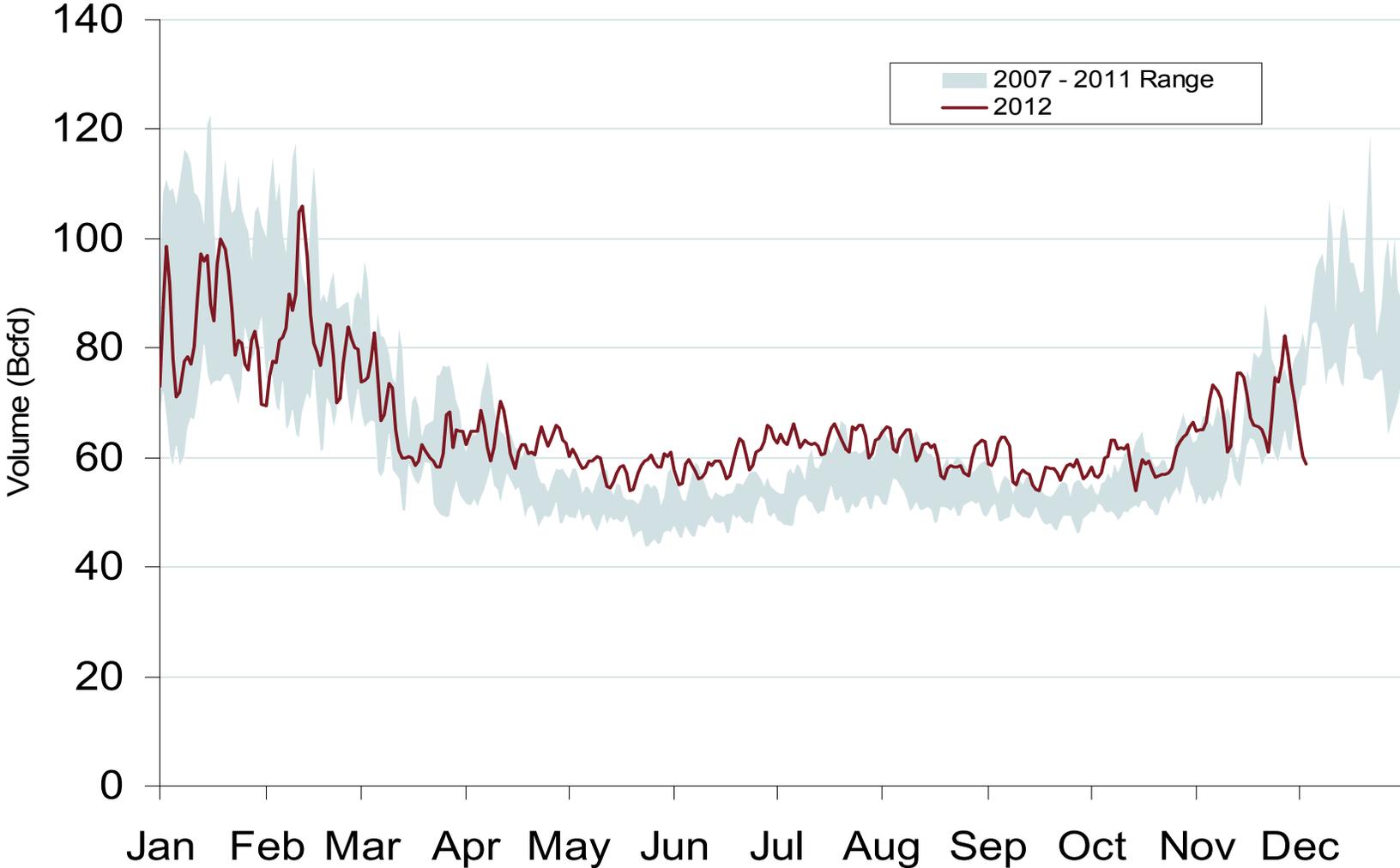
Annual U.S. Natural Gas Consumption by Sector



Notes: Supply includes lower 48 state production, net pipeline imports, and LNG imports

Source: Derived from EIA data

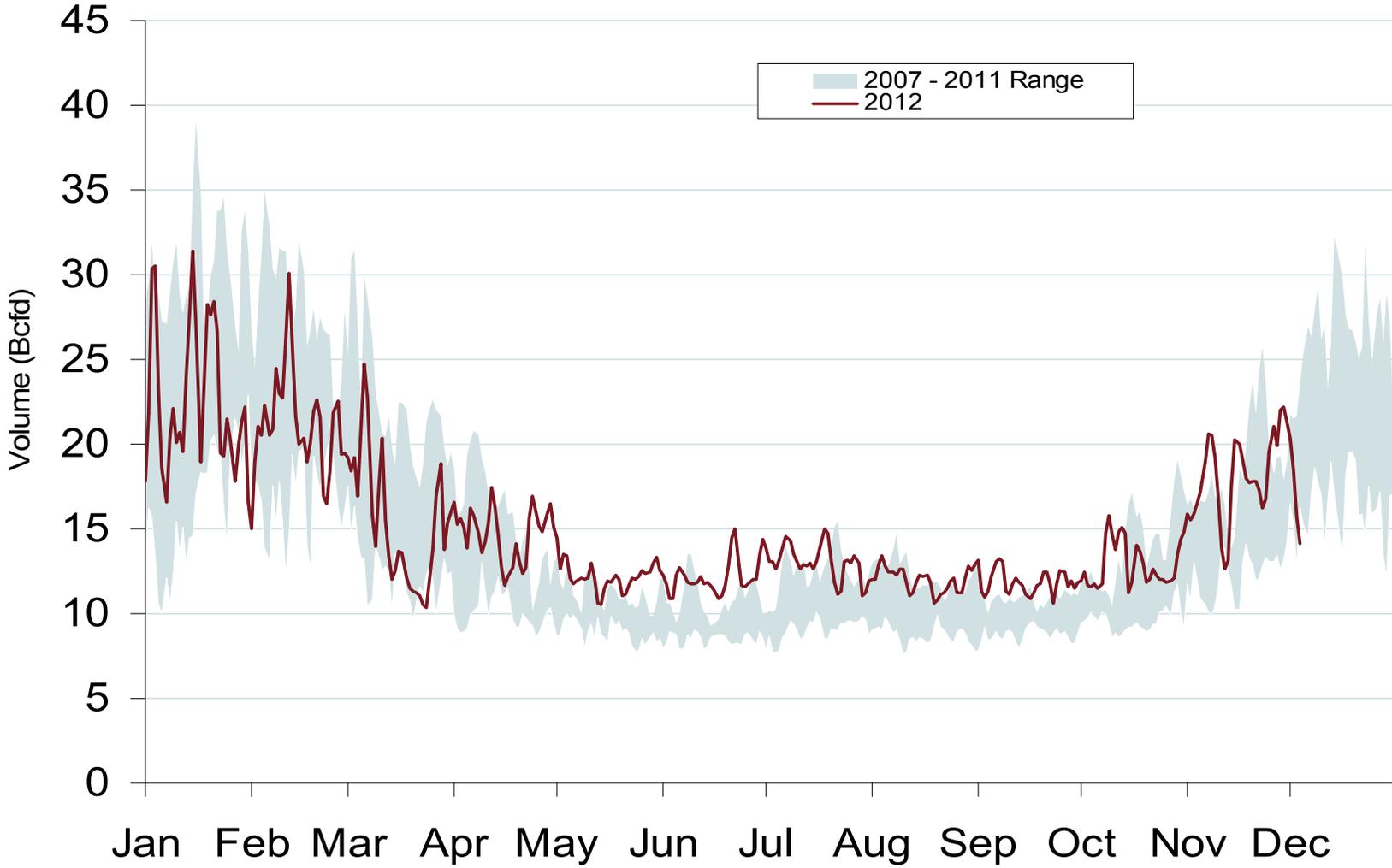
Total U.S. Natural Gas Demand All Sectors



Source: Derived from *Bentek Energy* data
December 2012 Northeast Snapshot Report

Updated: December 05, 2012

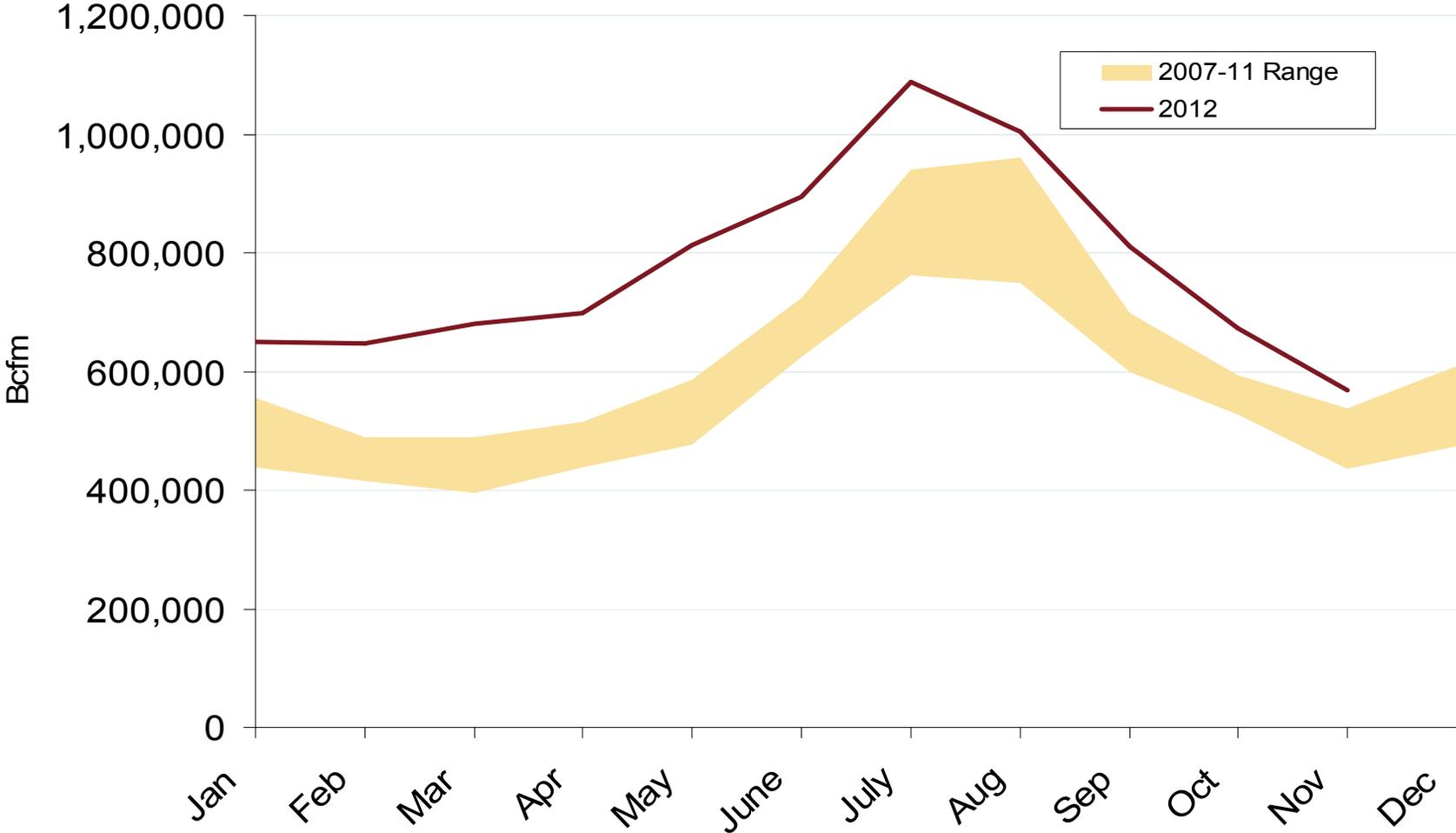
Daily Northeast Natural Gas Demand All Sectors



Source: Derived from *Bentek Energy* and Weekly NOAA data
December 2012 Northeast Snapshot Report

Updated: December 05, 2012

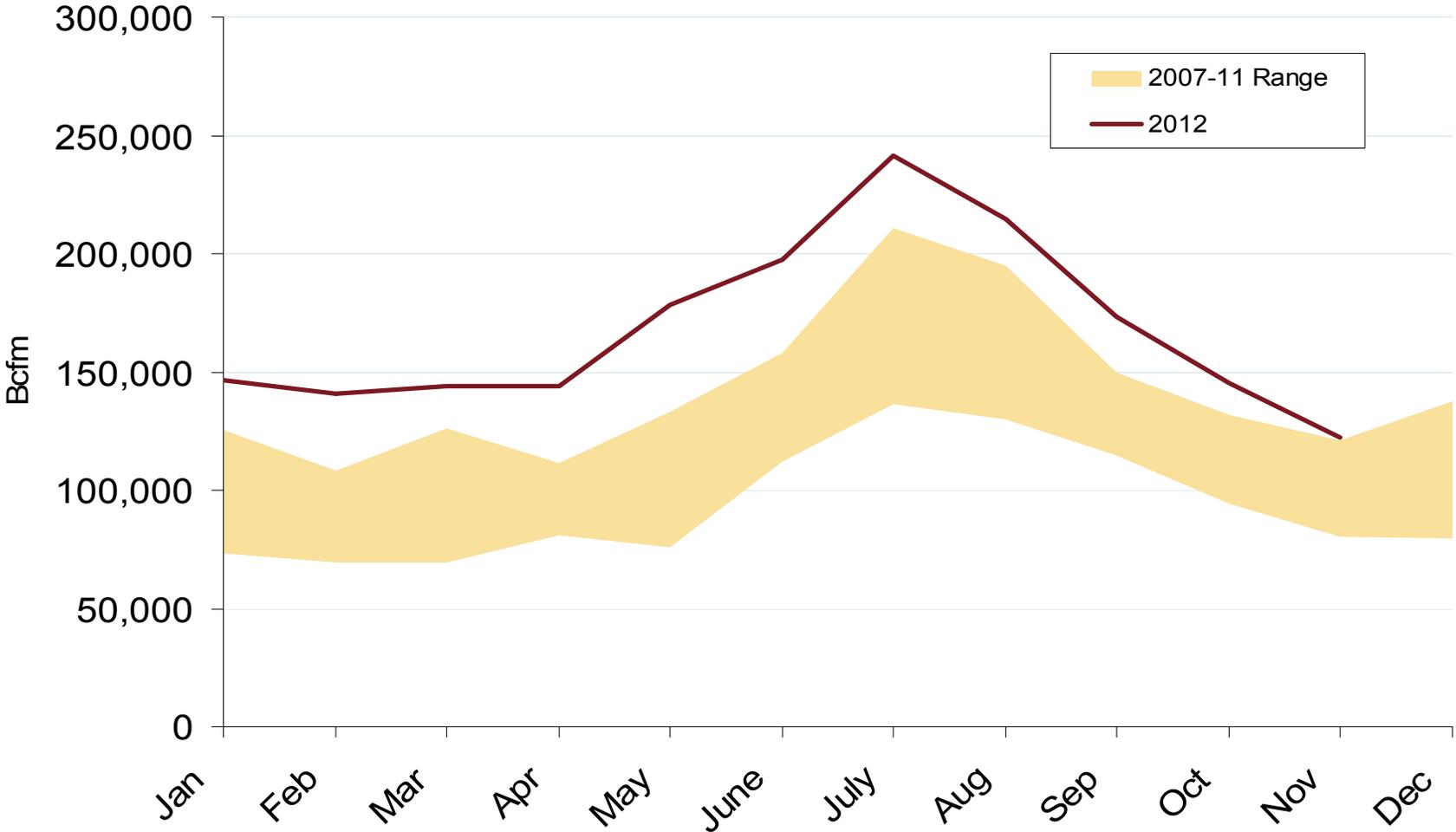
U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data
December 2012 Northeast Snapshot Report

Updated: December 04, 2012

Northeast Natural Gas Consumption for Power Generation

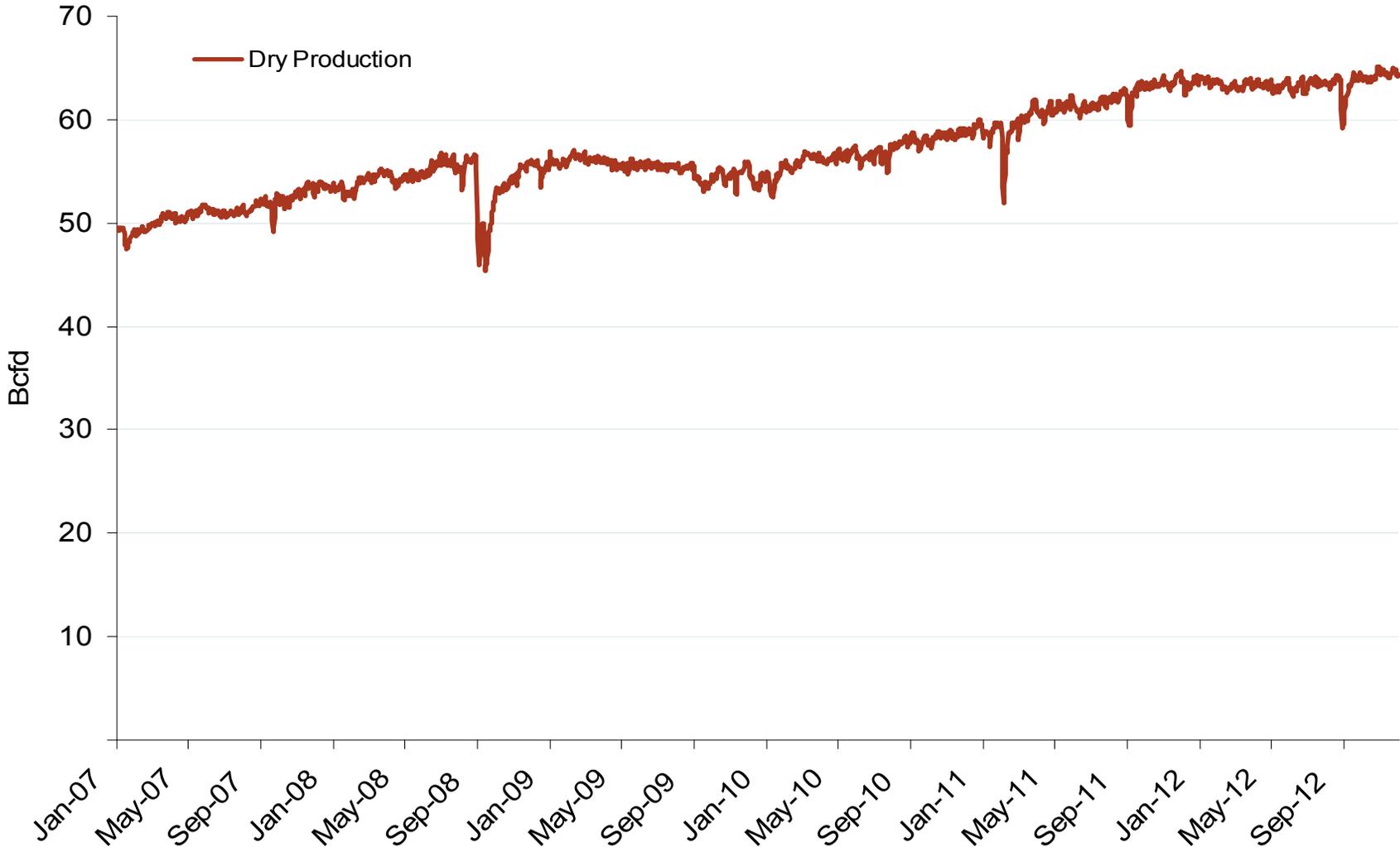


Source: Derived from *Bentek Energy* data
December 2012 Northeast Snapshot Report

Updated: December 04, 2012

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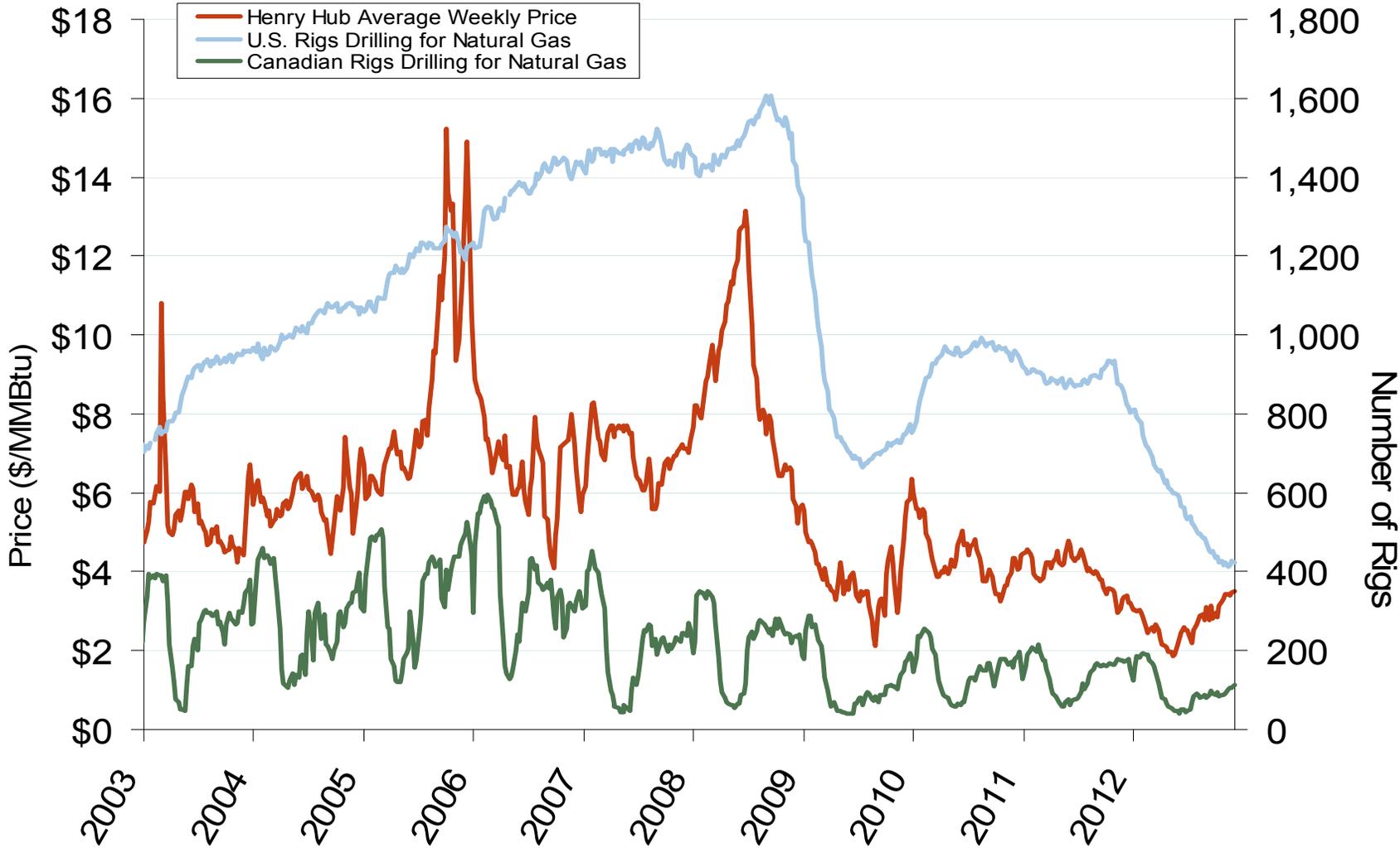
Monthly U.S. Dry Gas Production – Lower 48 States



Note: Prior to July 2010, chart was derived from a combination of EIA and Bentek Energy data

Source: Derived from Bentek Energy data

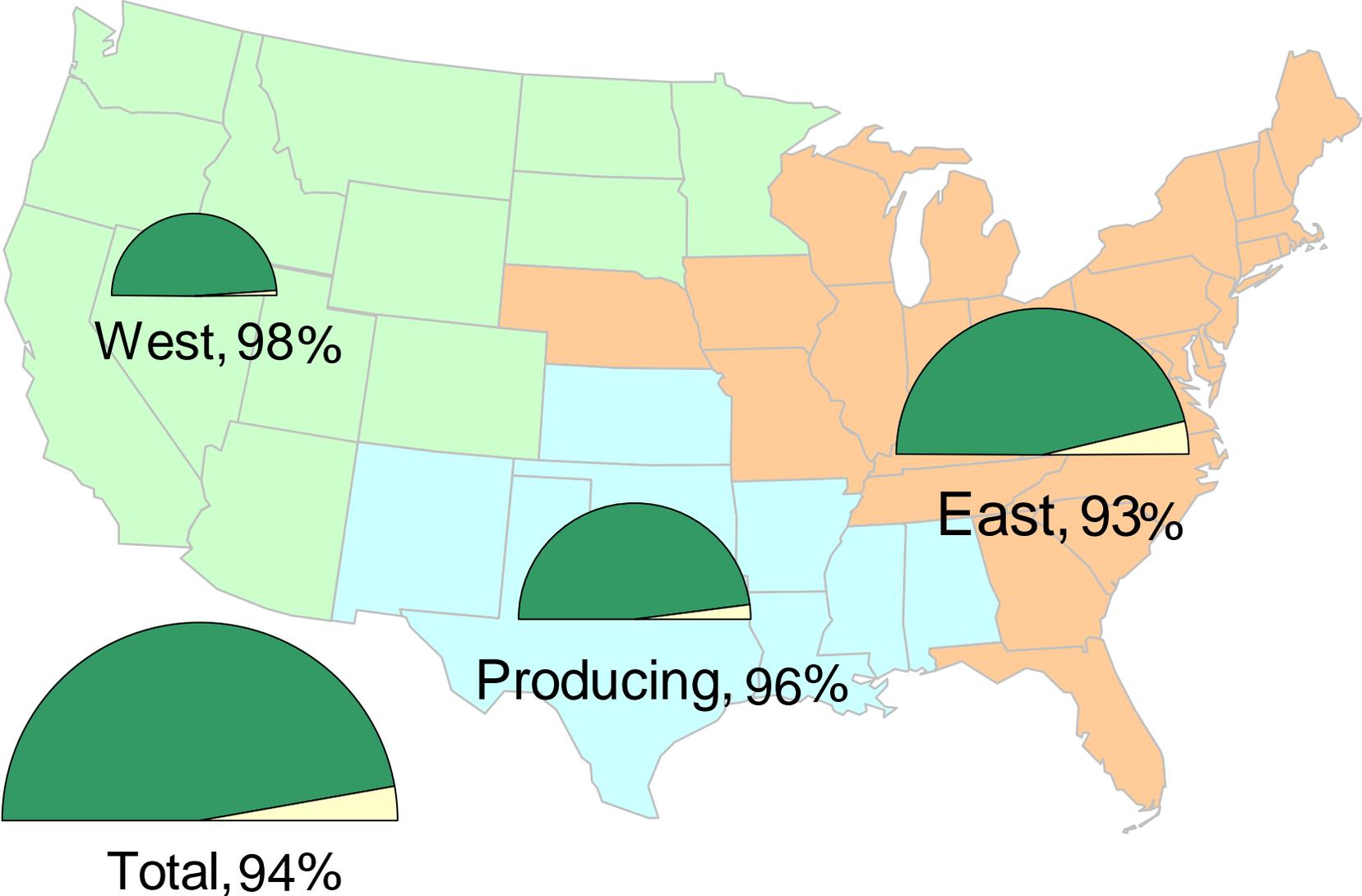
U.S. and Canadian NG Drilling Rig Count and Daily Spot Prices



Source: Derived from *Platts* and *Baker Hughes* data
December 2012 Northeast Snapshot Report

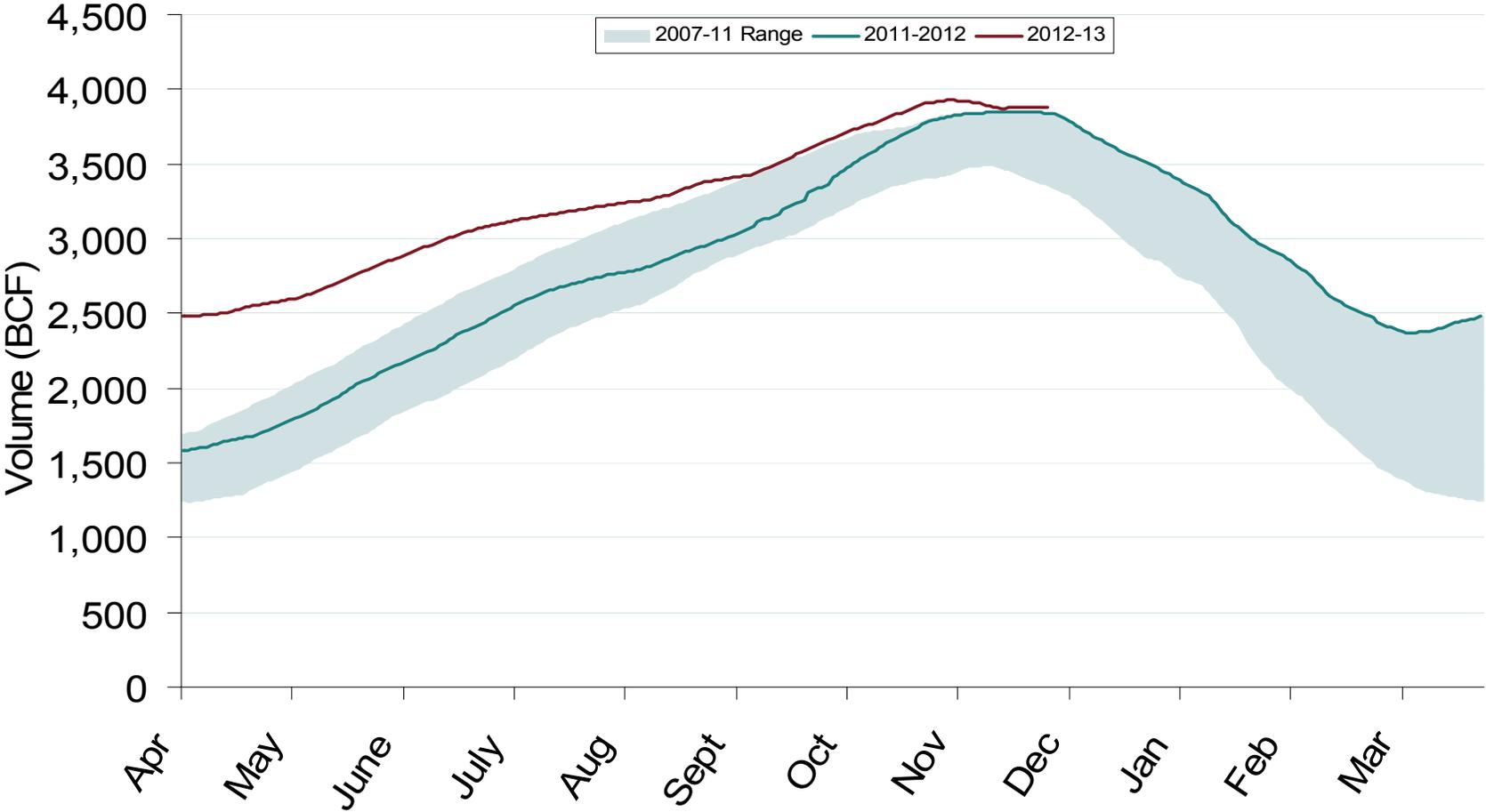
Updated: December 04, 2012

Natural Gas Storage Inventories – November 30, 2012



Source: Derived from EIA Storage and Estimated Working Gas Capacity data
December 2012 Northeast Snapshot Report

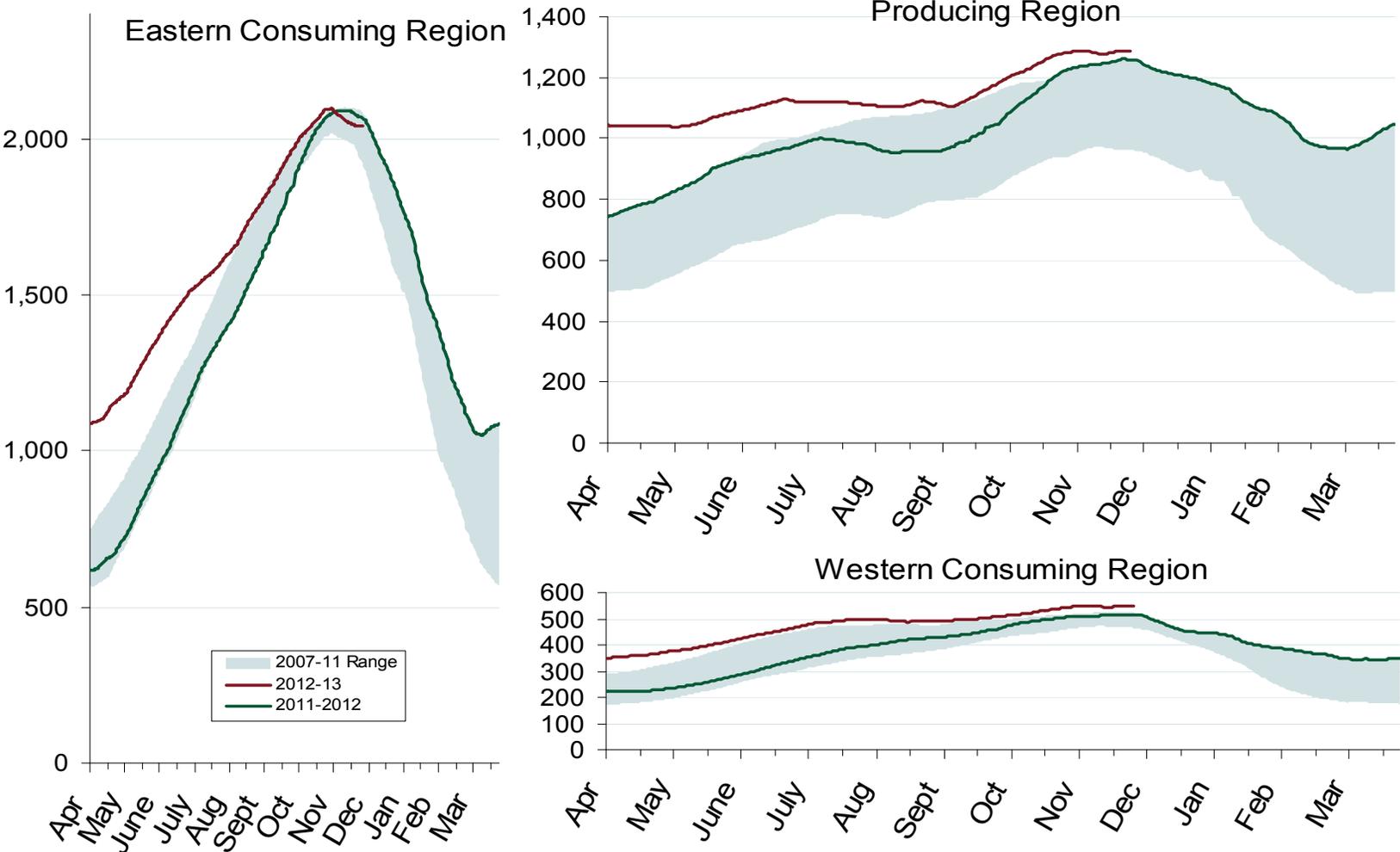
Total U.S. Working Gas in Storage



Source: Derived from EIA data
December 2012 Northeast Snapshot Report

Updated: December 06, 2012

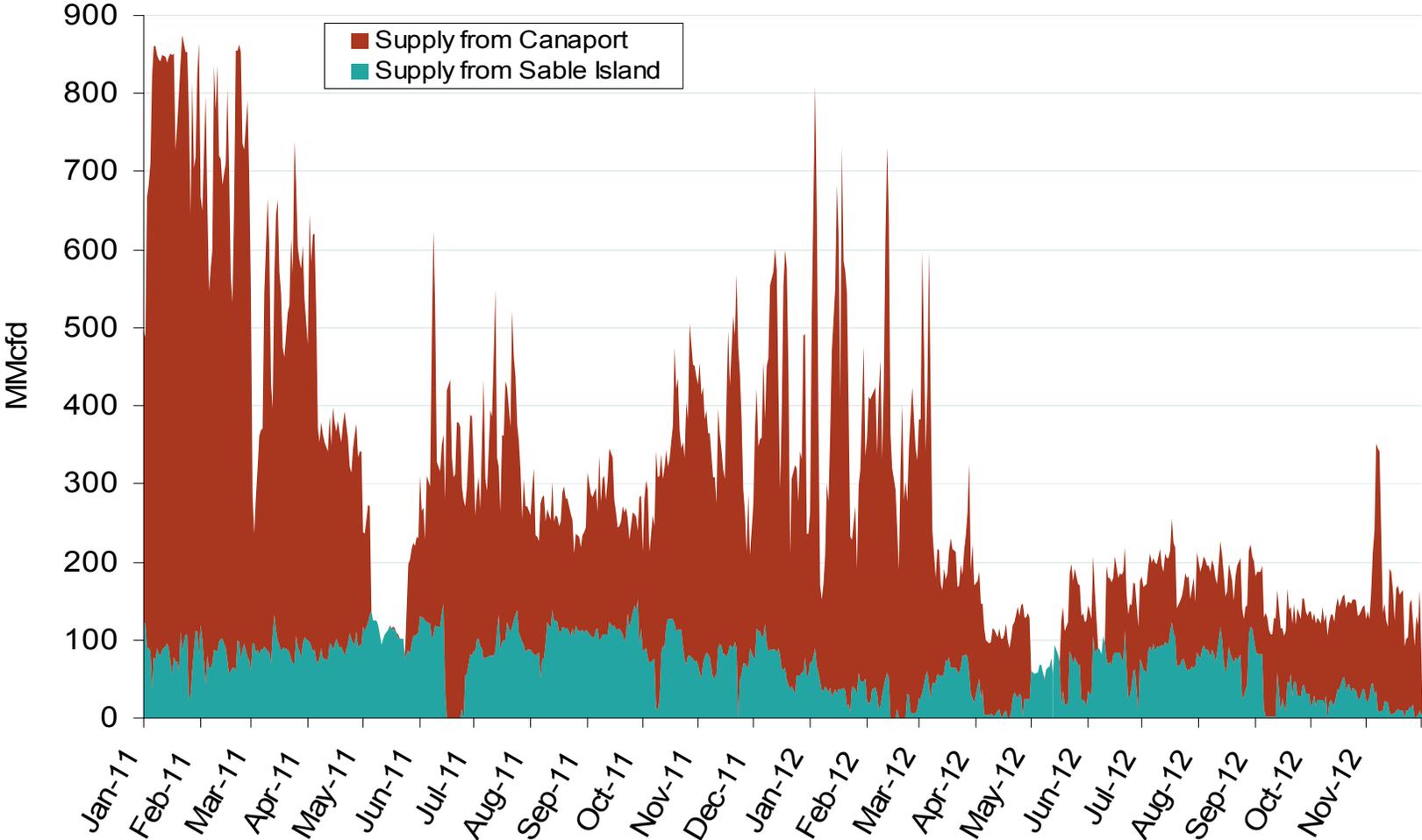
Regional Totals of Working Gas in Storage



Source: Derived from EIA data
December 2012 Northeast Snapshot Report

Updated: December 06, 2012

Maritimes Pipeline Flows



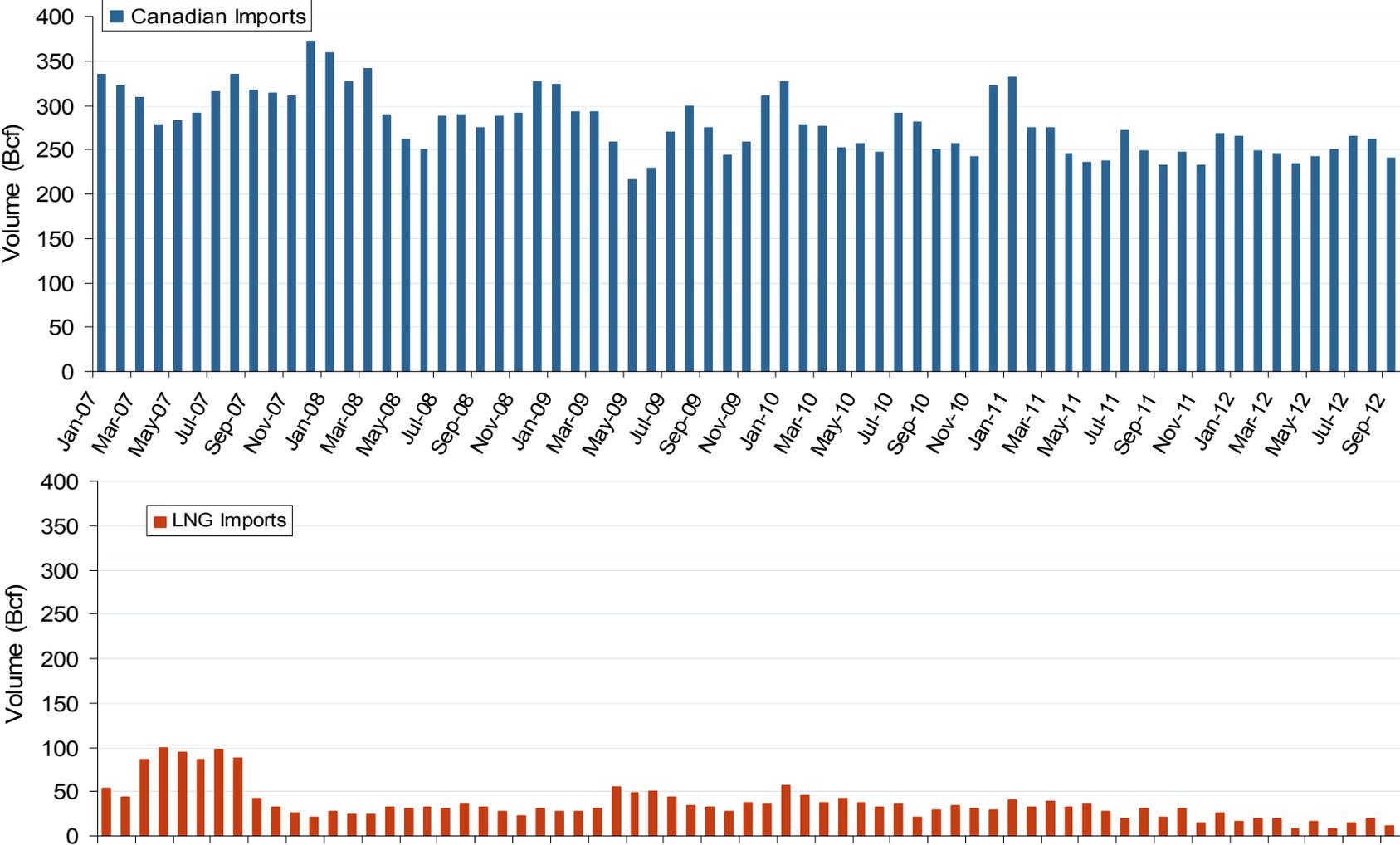
Source: Derived from *Bentek Energy* data
December 2012 Northeast Snapshot Report

Updated: December 05, 2012

Natural Gas Overview: Natural Gas Imports

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Canadian and LNG Natural Gas Imports Into the U.S.

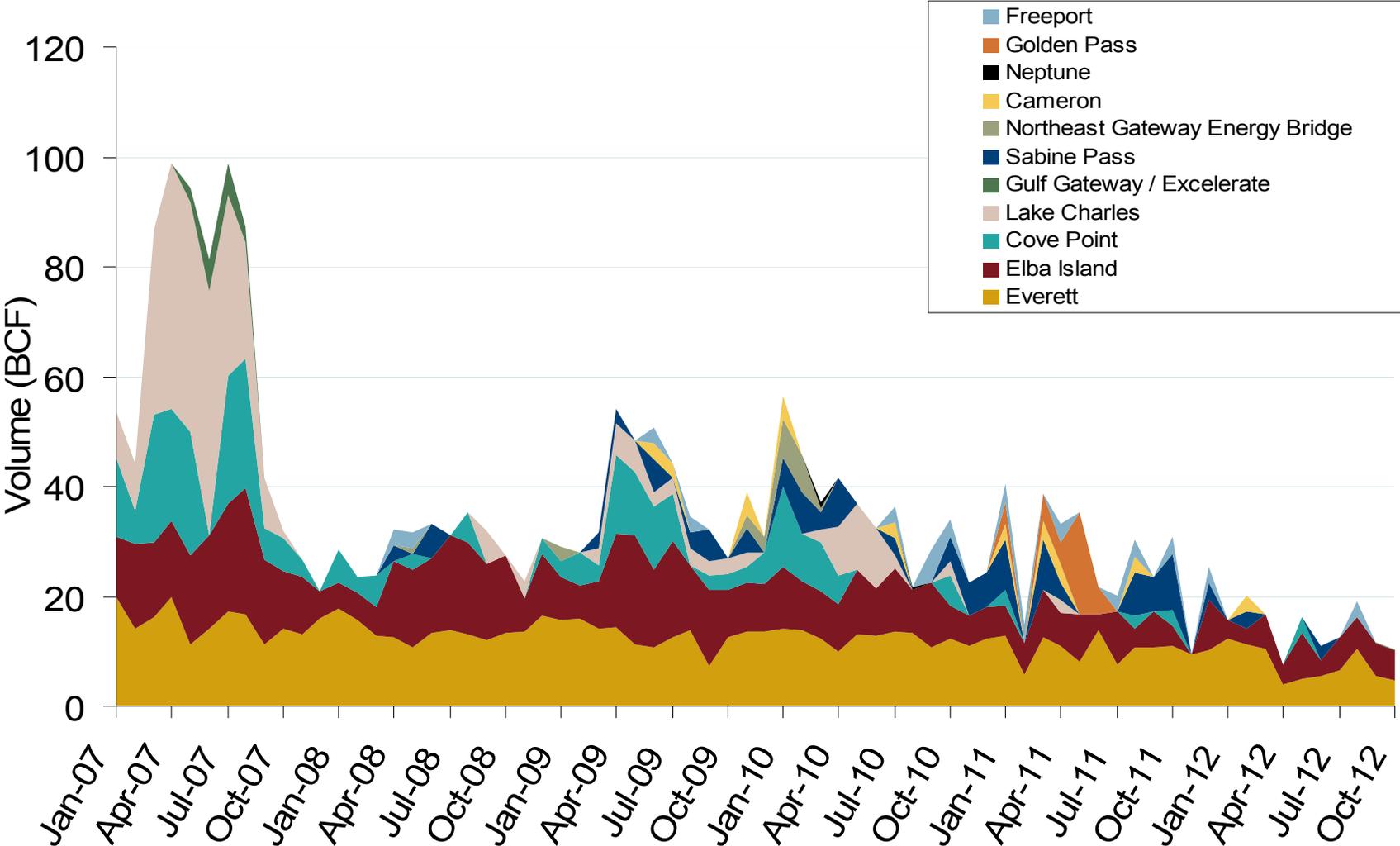


Source: EIA Natural Gas Monthly
December 2012 Northeast Snapshot Report

World LNG Estimated January 2013 Landed Prices

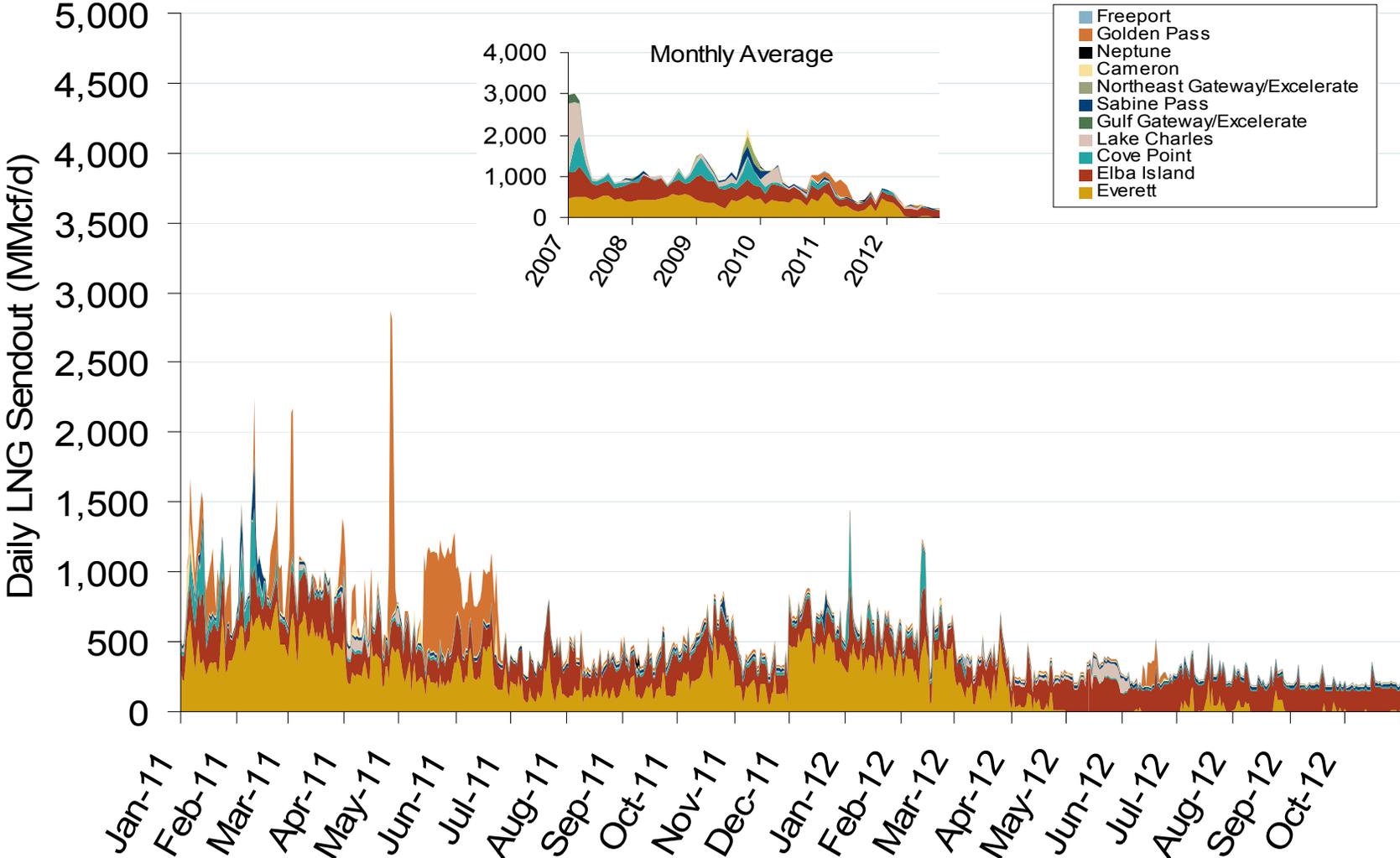


Monthly Gas Imports at Existing U.S. LNG Facilities



Source: Derived from DOE Office of Fossil Energy data
December 2012 Northeast Snapshot Report

Daily Gas Sendout from Existing U.S. LNG Facilities

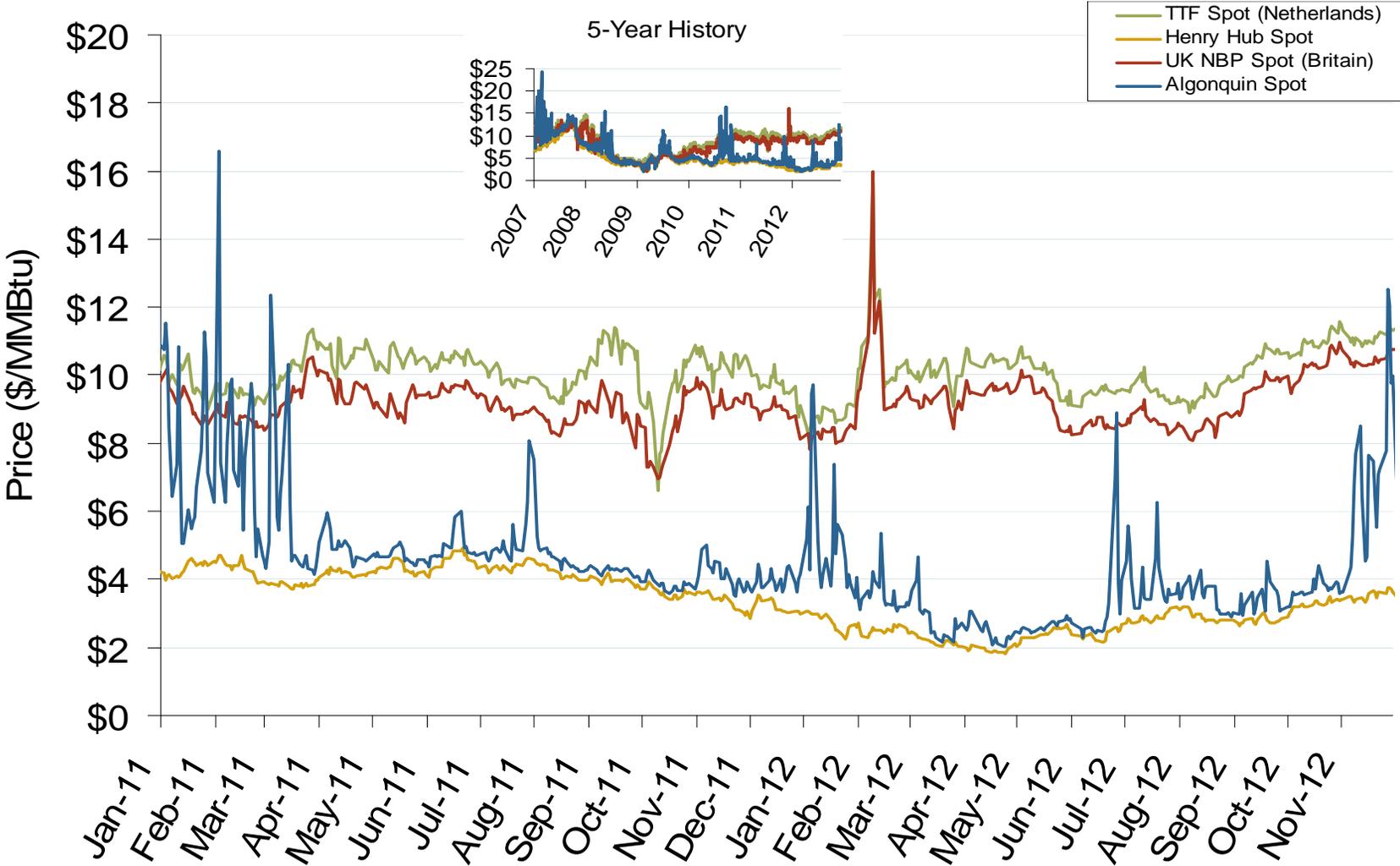


Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan Boston Gas, and LNG trucked out of the terminal. Excludes flows to the Freeport LNG which flows via intrastate pipelines and flows to the Mystic 8 and 9 power plants.

Source: Derived from *Bentek Energy* data
 December 2012 Northeast Snapshot Report

Updated: December 04, 2012

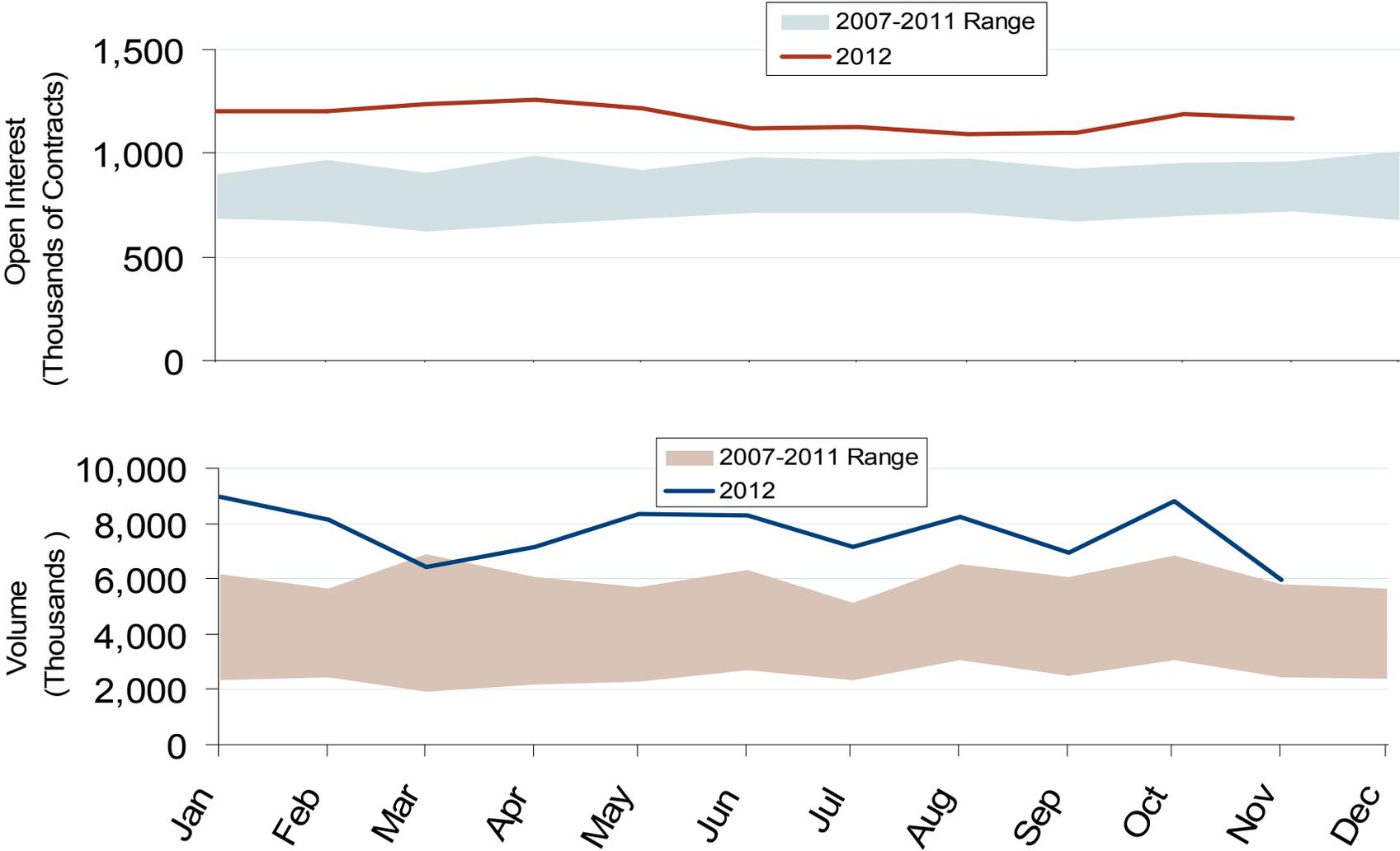
Atlantic Basin European and US Spot Natural Gas Prices



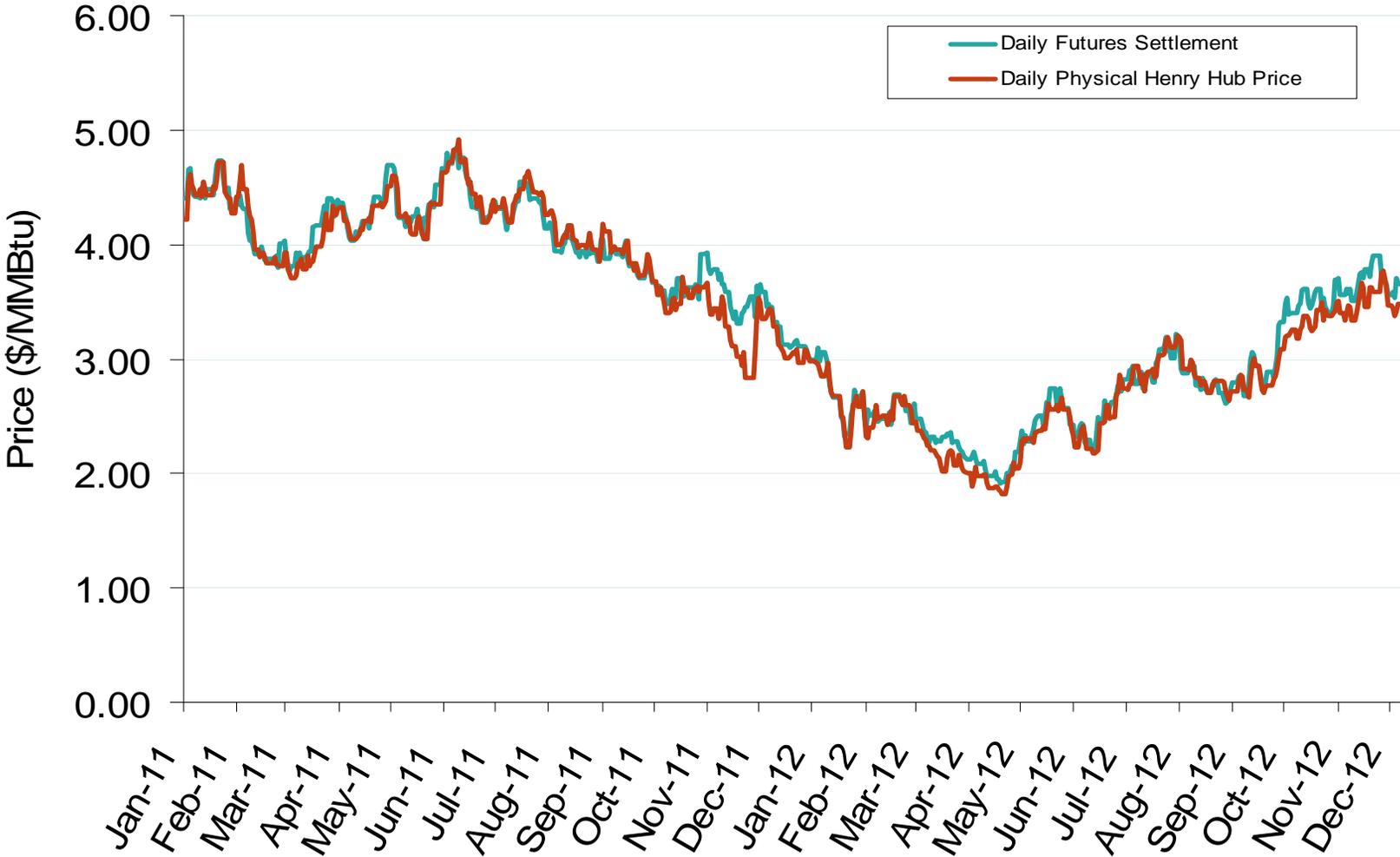
Source: Derived from *Bloomberg* and *ICE* data
December 2012 Northeast Snapshot Report

Updated: December 7, 2012

Nymex NG Futures Month-End Open Interest and Monthly Volume



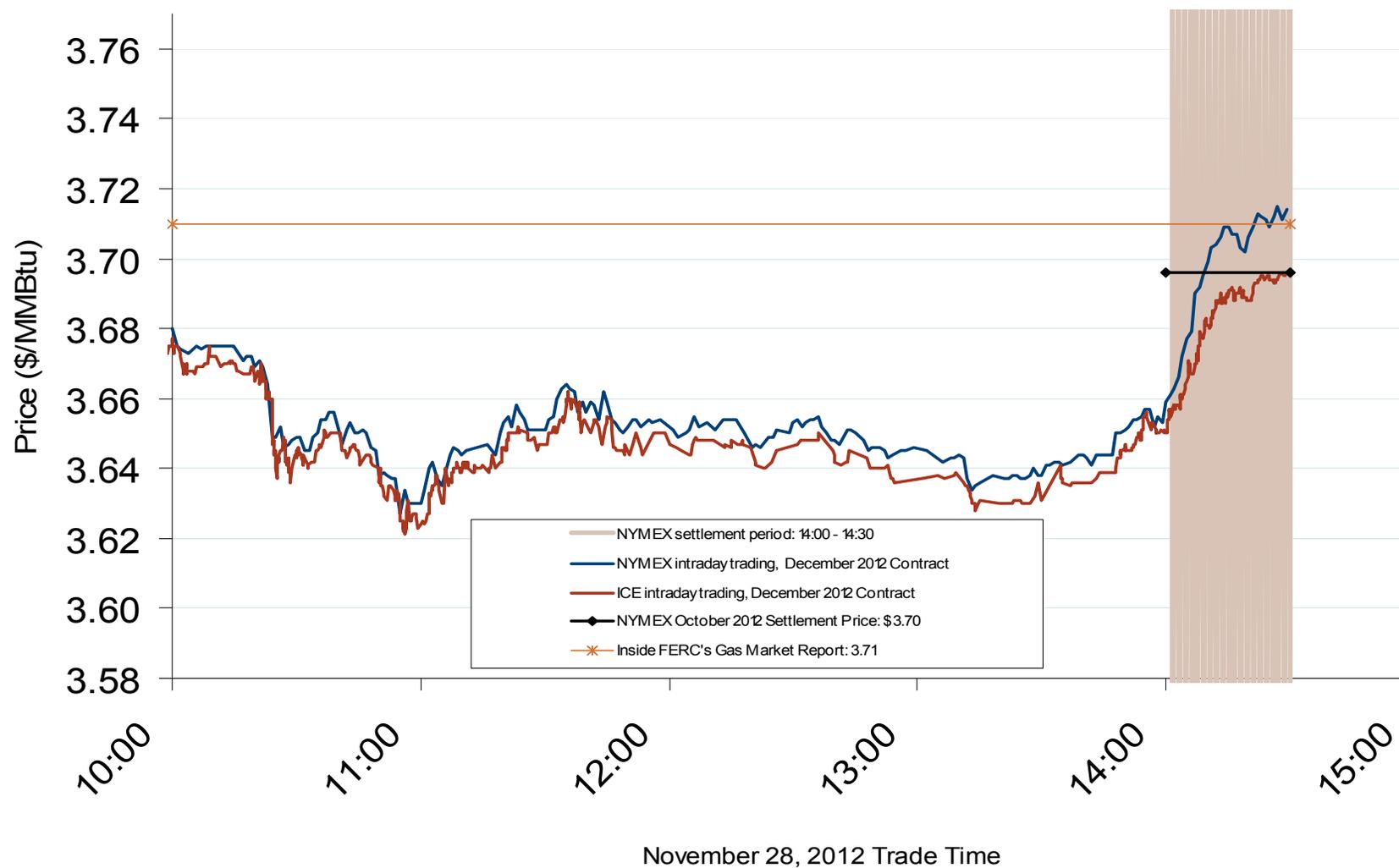
Daily Physical Index Price & Daily Futures Settlement Price



Source: Derived from *Bloomberg* data
December 2012 Northeast Snapshot Report

Updated: December 7, 2012

Nymex and ICE Contract Final Settlement - December 2012



Notes: The final settlement day for this Nymex contract is three business days before the start of the contract term (which is the 1st day of the month)

Source: Derived from *Nymex* and *ICE* data

December 2012 Northeast Snapshot Report

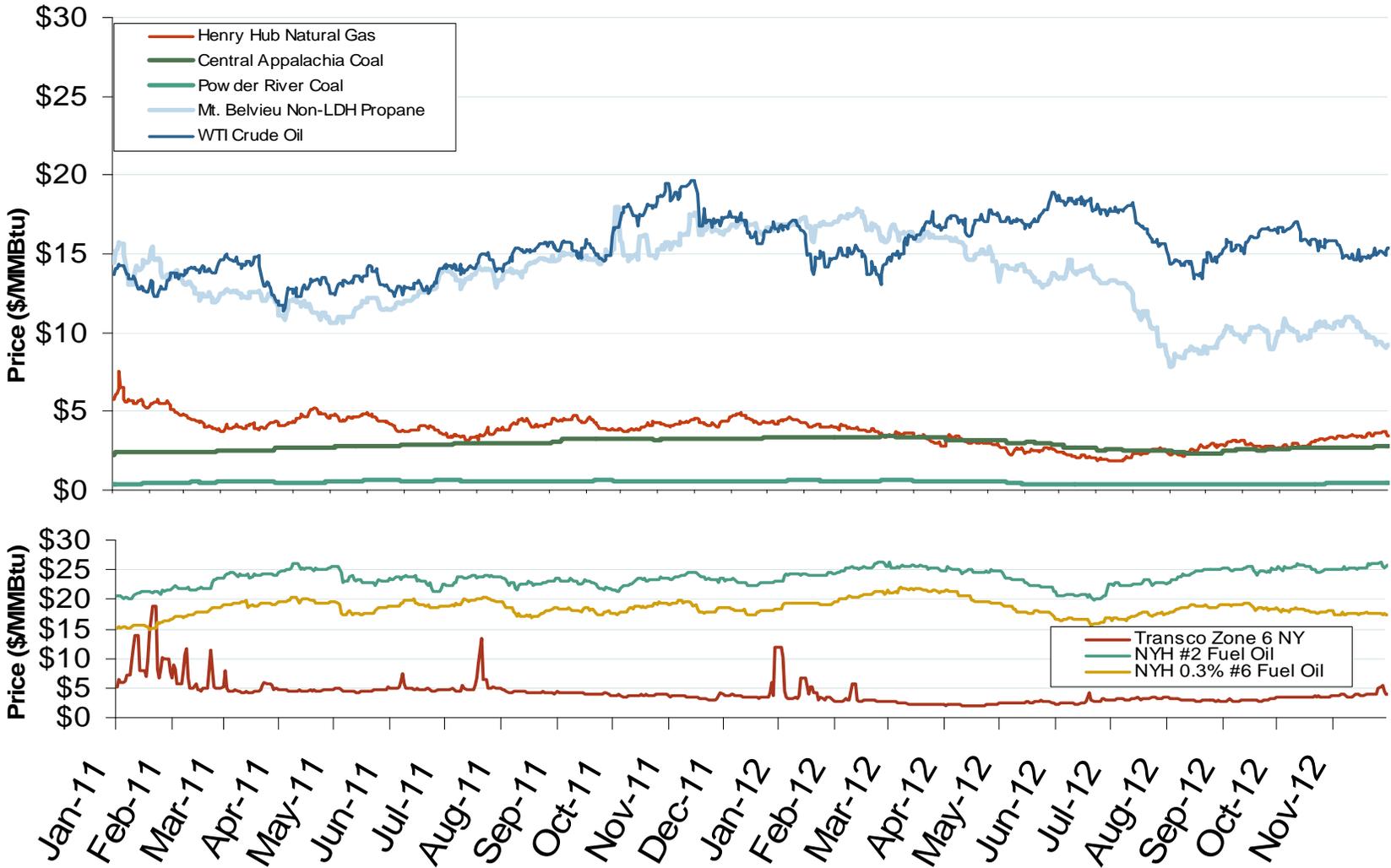
Updated: December 10, 2012

2166

Other Fuels Market: Fossil Fuel Prices

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Oil, Coal, Natural Gas and Propane Daily Spot Prices

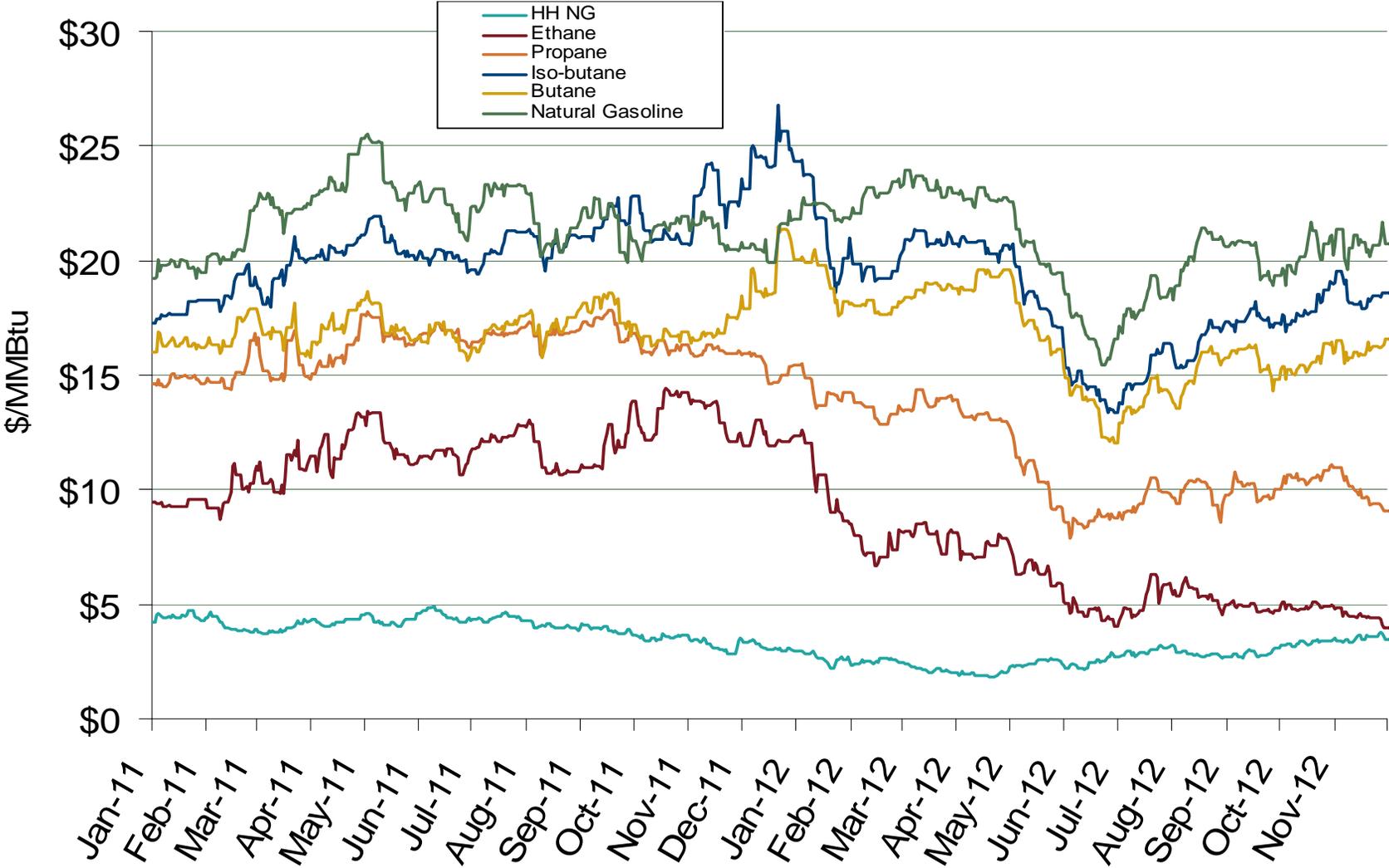


Notes: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal

Source: Derived from ICE and Bloomberg data

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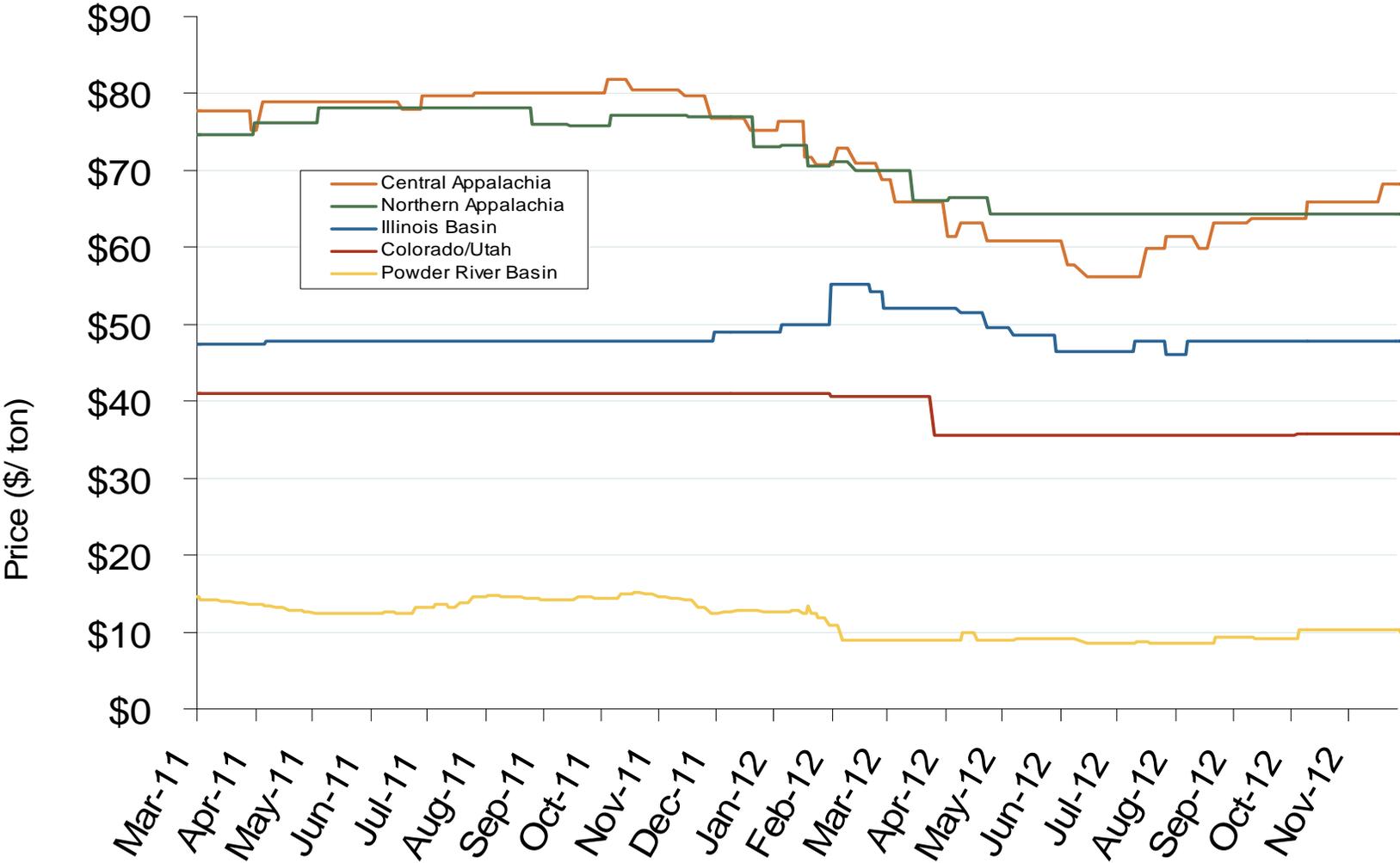
U.S. Natural Gas vs. Natural Gas Liquids (NGL) Prices



Source: Derived from Bloomberg Data
December 2012 Northeast Snapshot Report

Updated: December 7, 2012

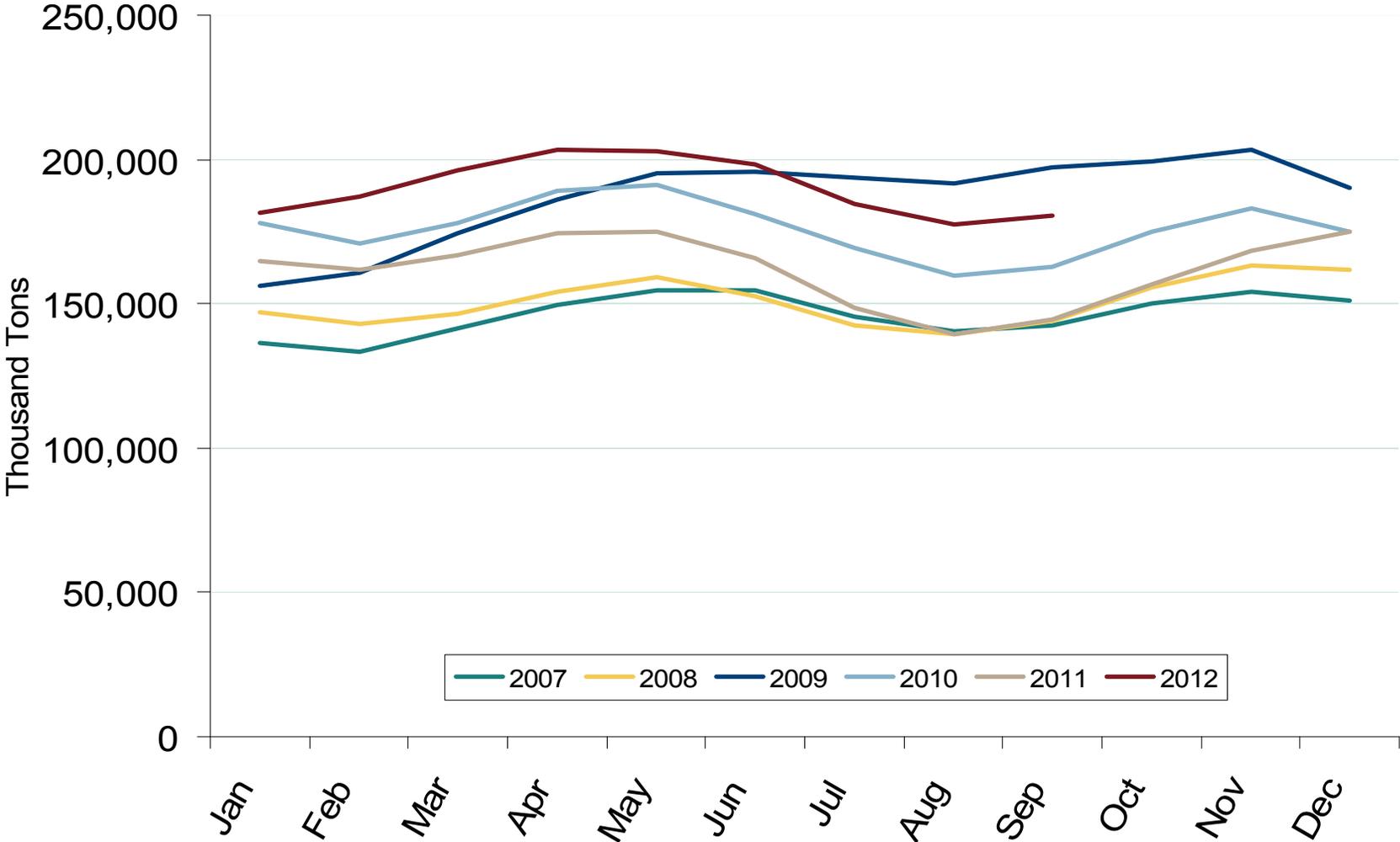
Central Appalachian and Powder River Basin Coal Prices



Notes: 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

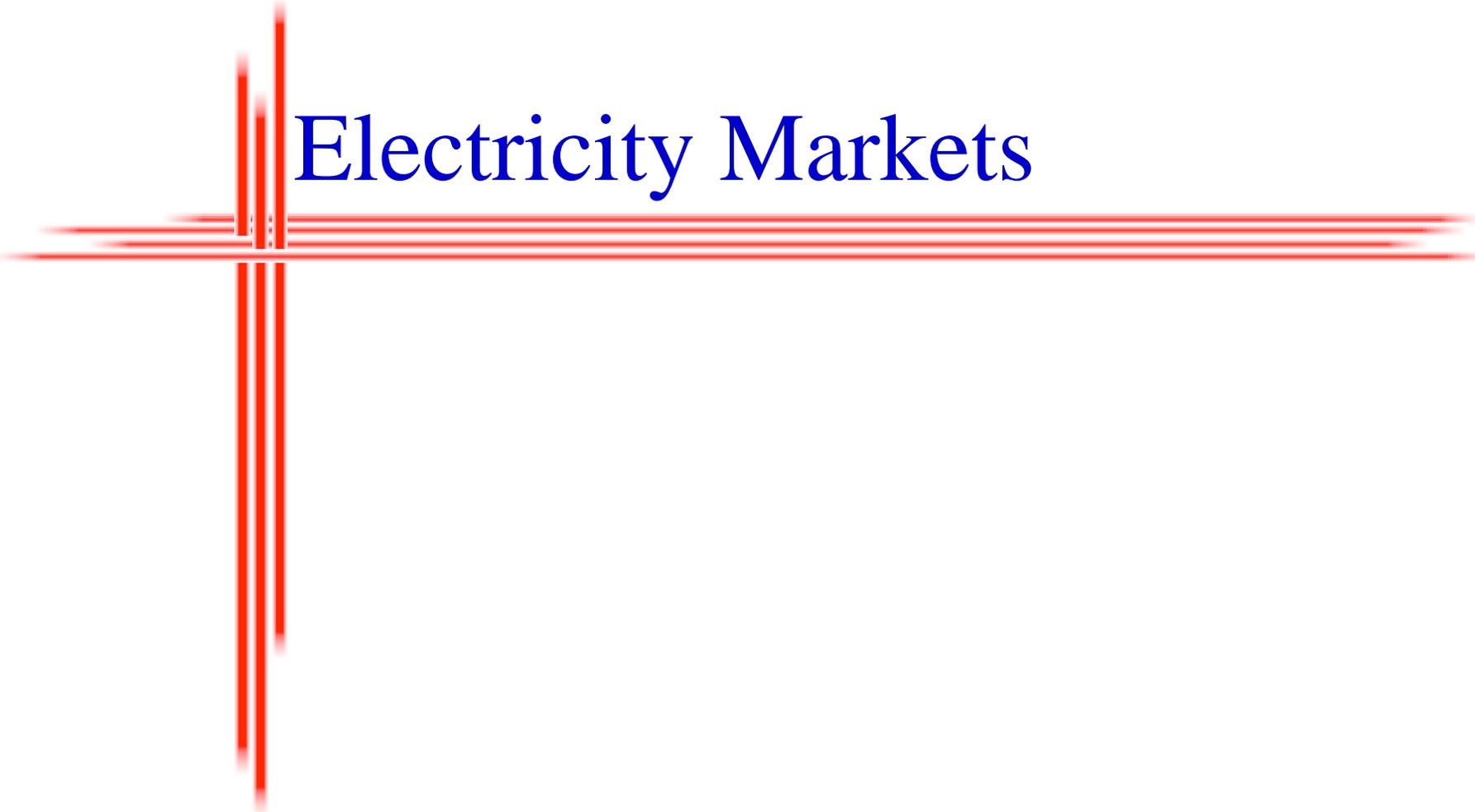
Source: Derived from Bloomberg data

U.S. Coal Stockpiles at Electric Power Generating Facilities



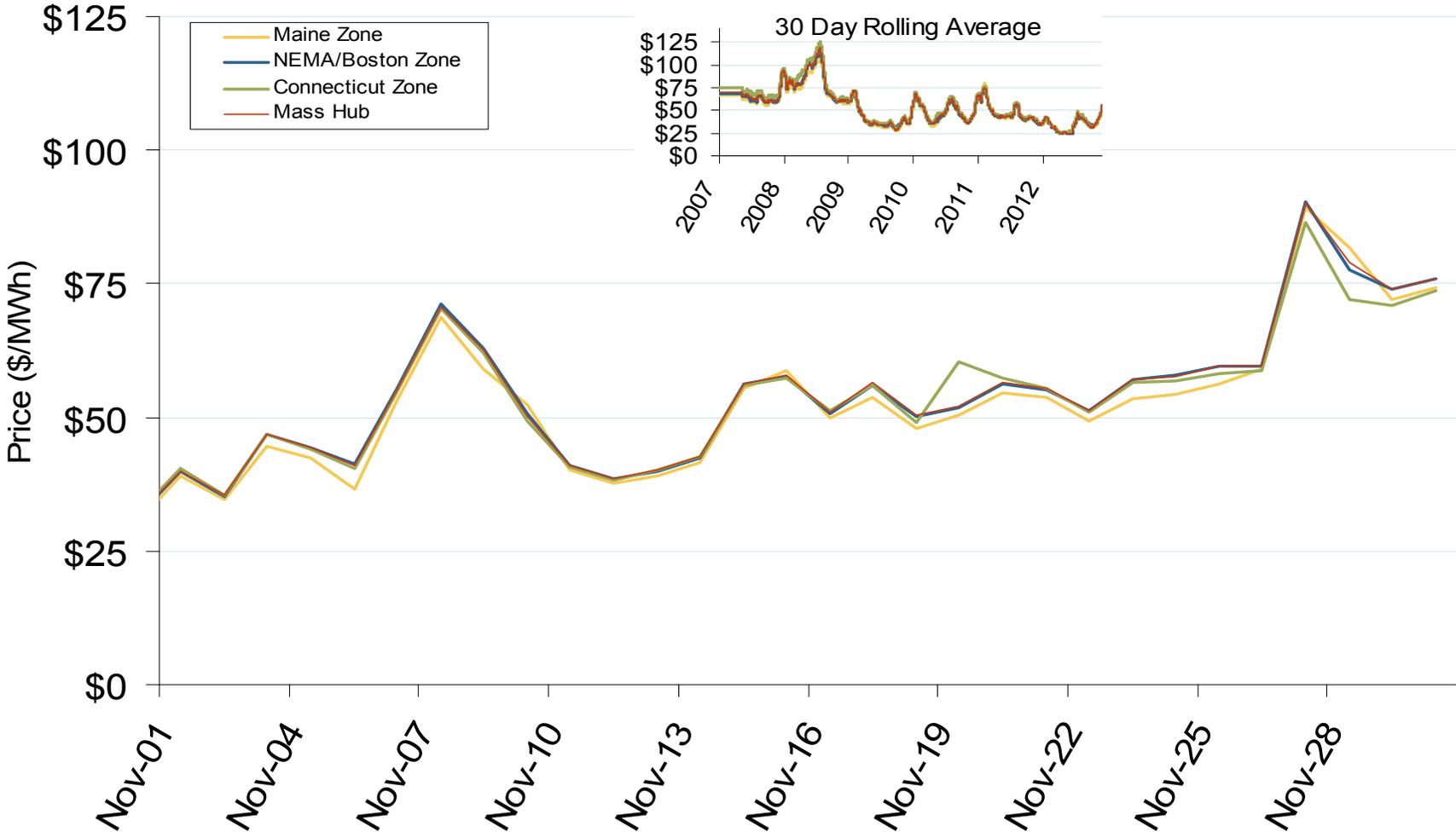
Source: Derived from EIA data. Excludes Industrial and Commercial Plants
December 2012 Northeast Snapshot Report

Updated: December 04, 2012

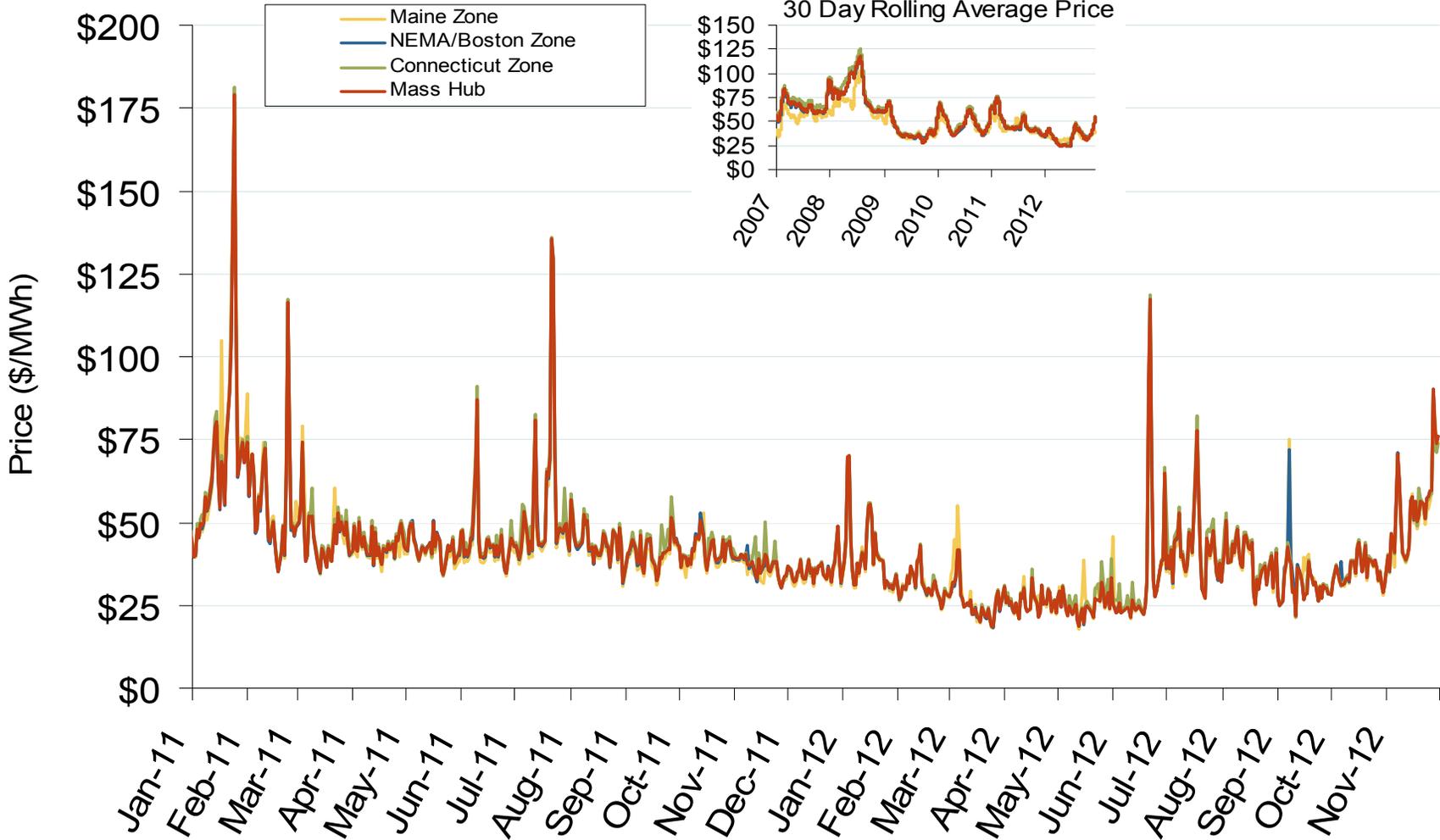


Electricity Markets

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



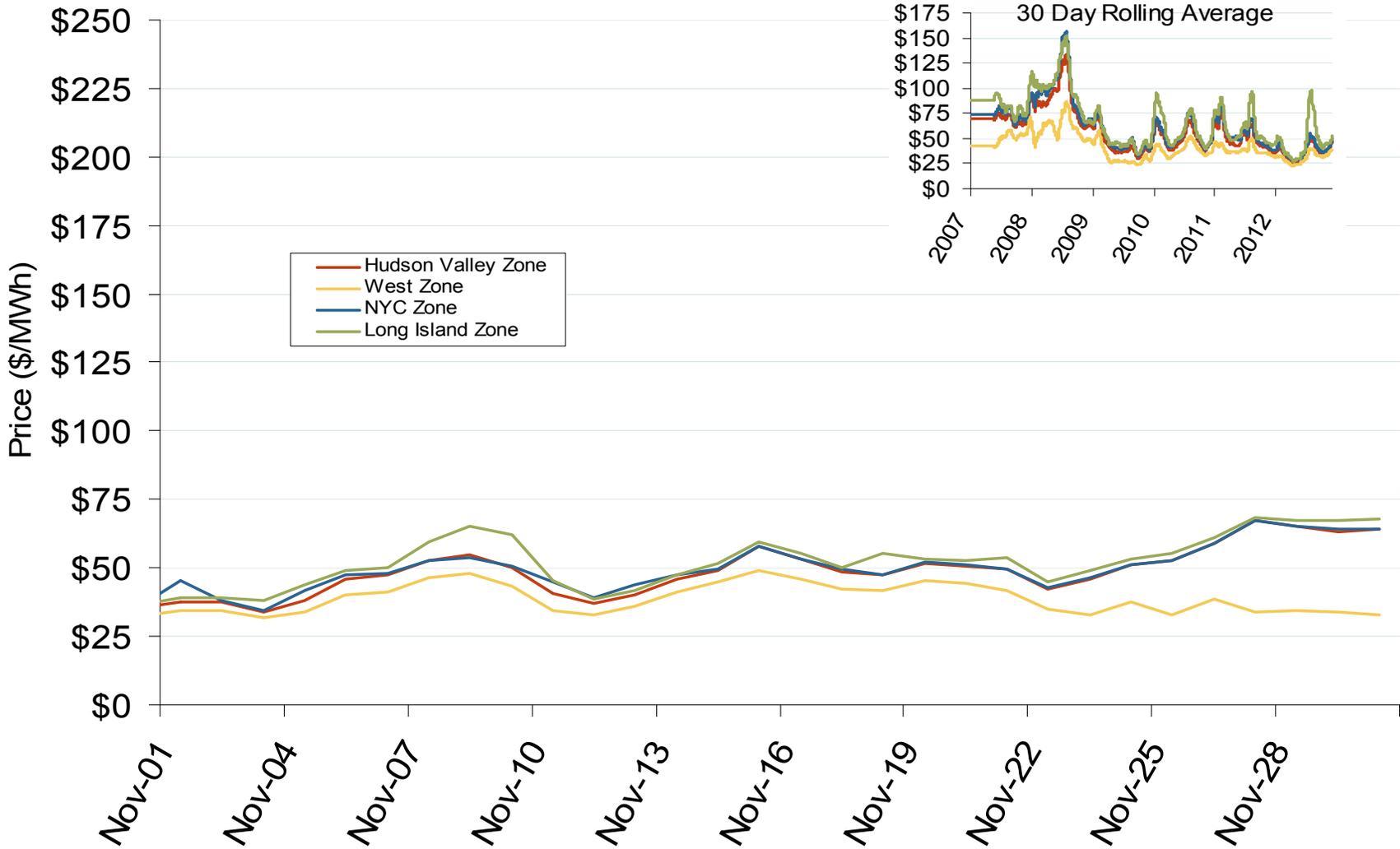
Daily Average of ISO-NE Day-Ahead Prices - All Hours



New York Electric Market: Last Month's RTO Prices

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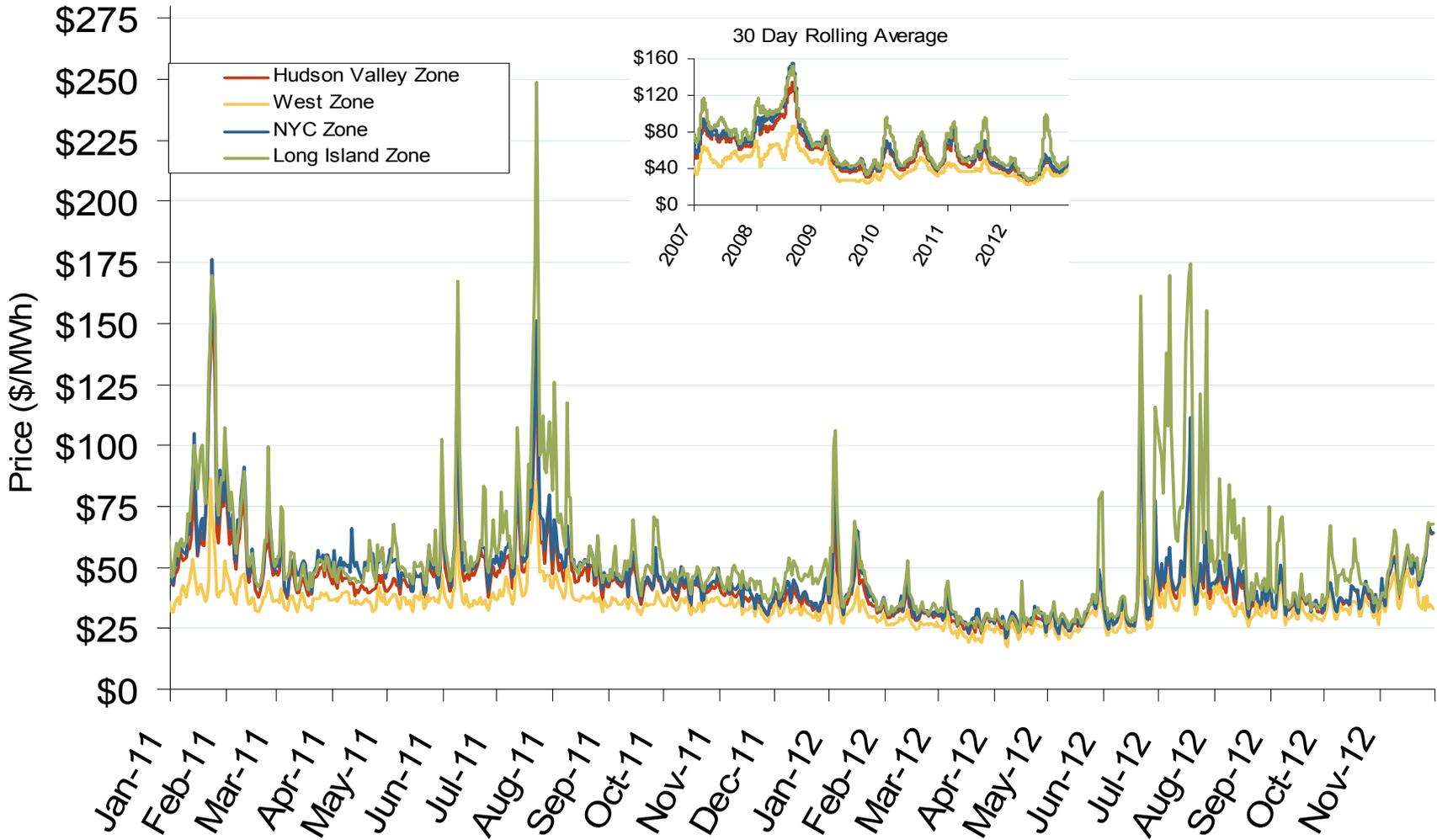
Daily Average of NYISO Day-Ahead Prices - All Hours



Source: Derived from Bloomberg data
December 2012 Northeast Snapshot Report

Updated: December 07, 2012

Daily Average of NYISO Day-Ahead Prices - All Hours



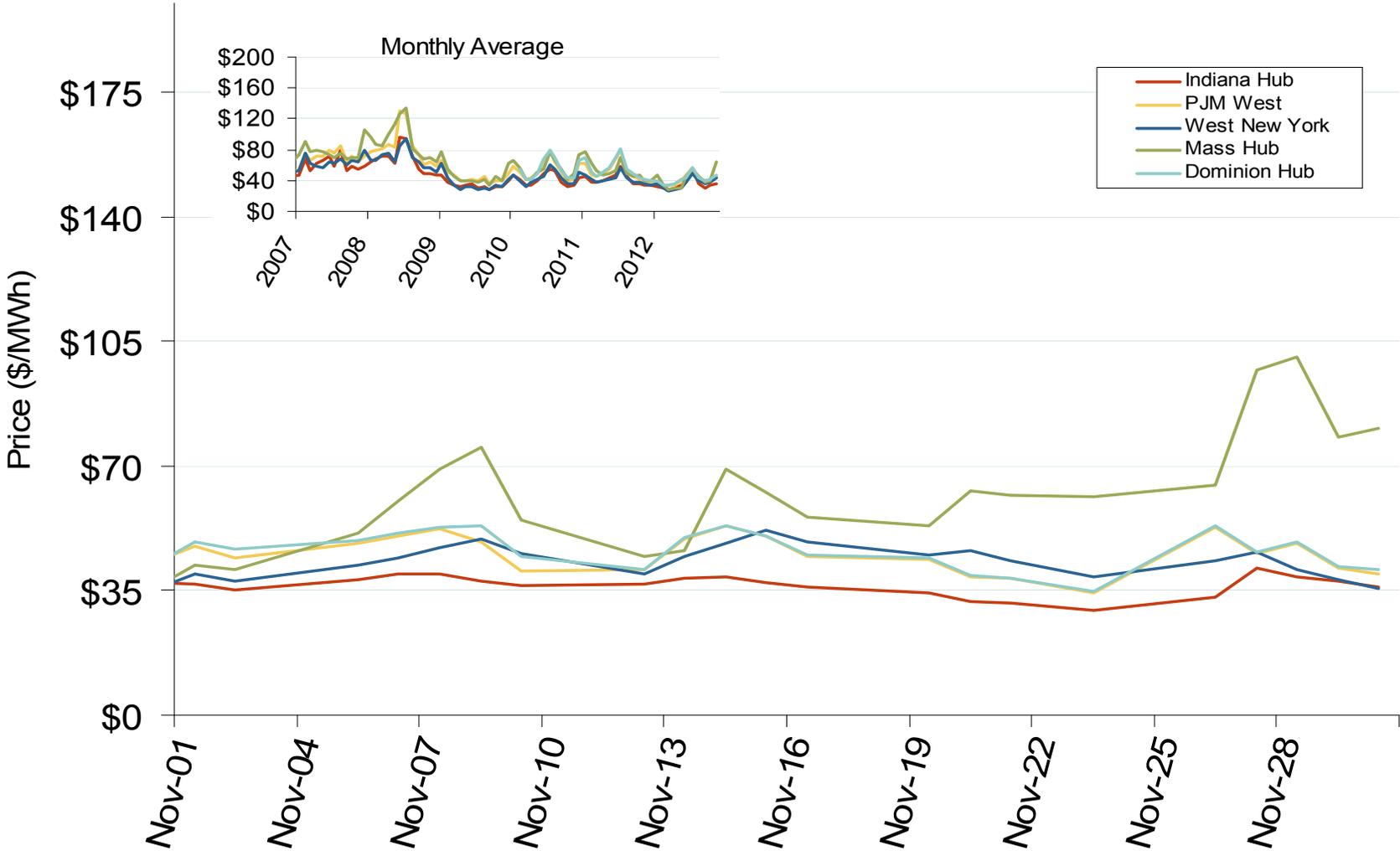
Notes: ICE on-peak forward (physical) and swap (financial) volumes are for the Nepoch Mass Hub and include monthly, dual monthly, quarterly, and calendar year contracts traded for each month

Source: Derived from Bloomberg data

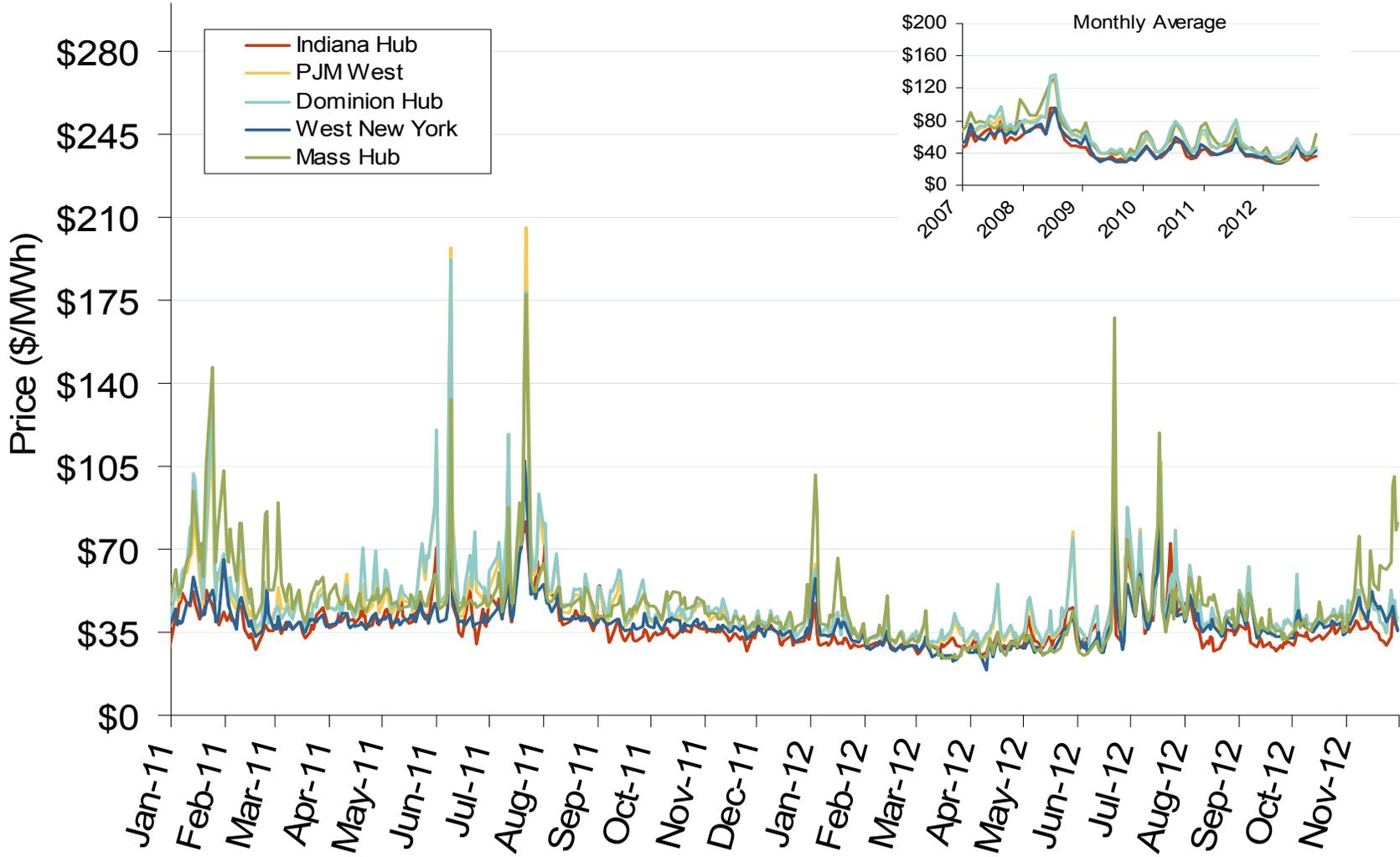
New England Electric Market: Last Month's Eastern Index Prices

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Eastern Daily Index Day-Ahead On-Peak Prices

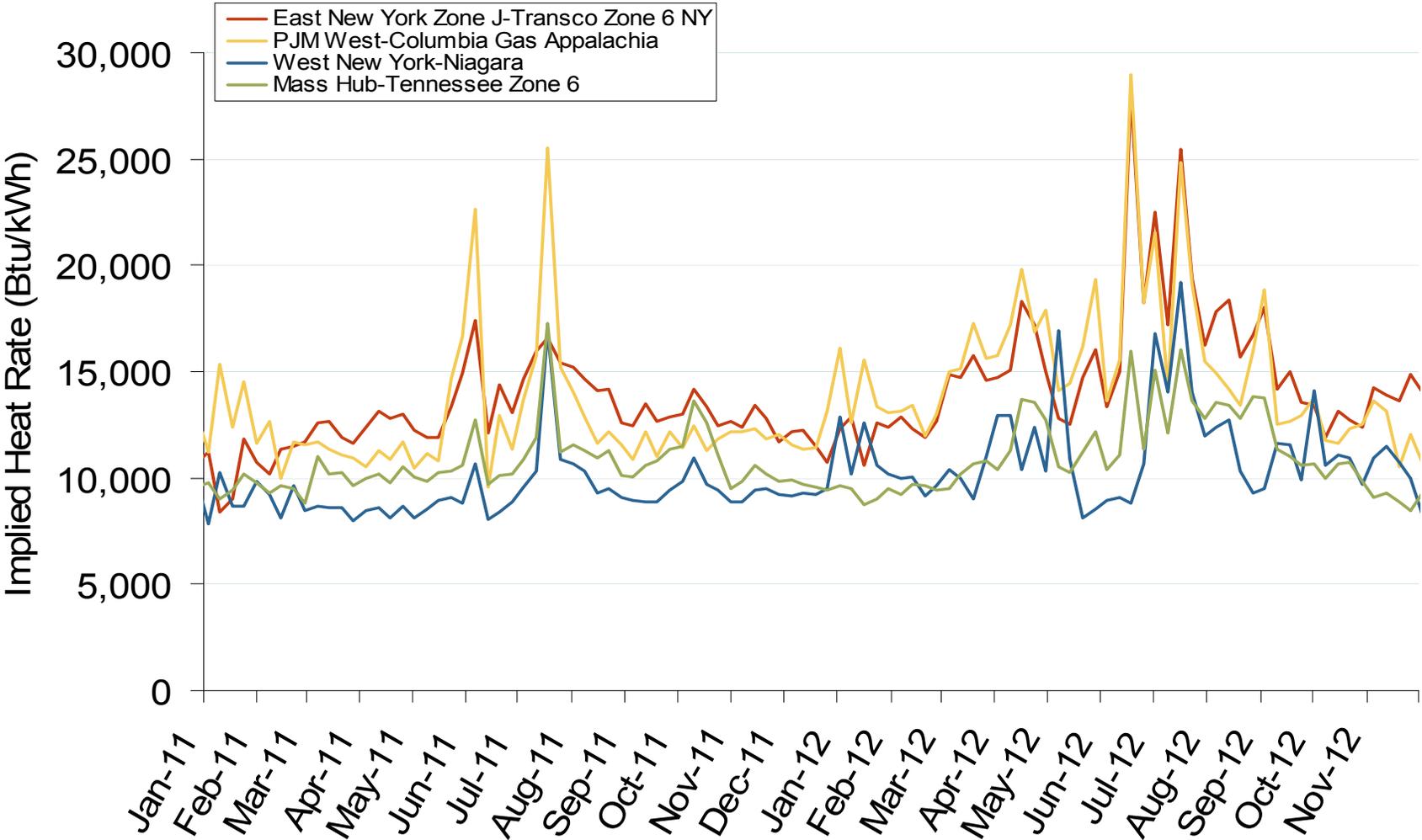


Eastern Daily Index Day-Ahead On-Peak Prices



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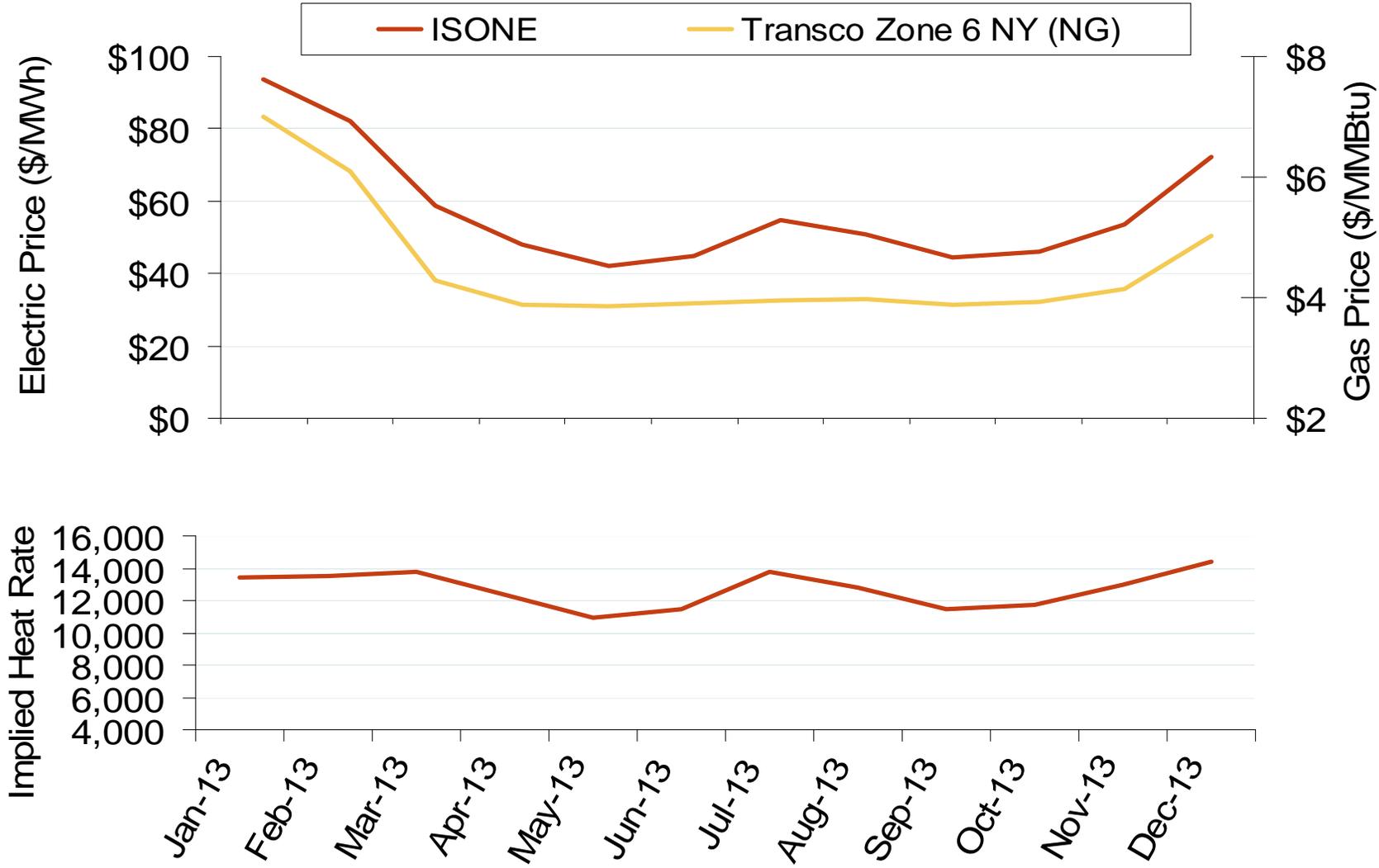
Implied Heat Rates at Eastern Trading Points - Weekly Avgs.



Source: Derived from Platts on-peak electric and natural gas price data
December 2012 Northeast Snapshot Report

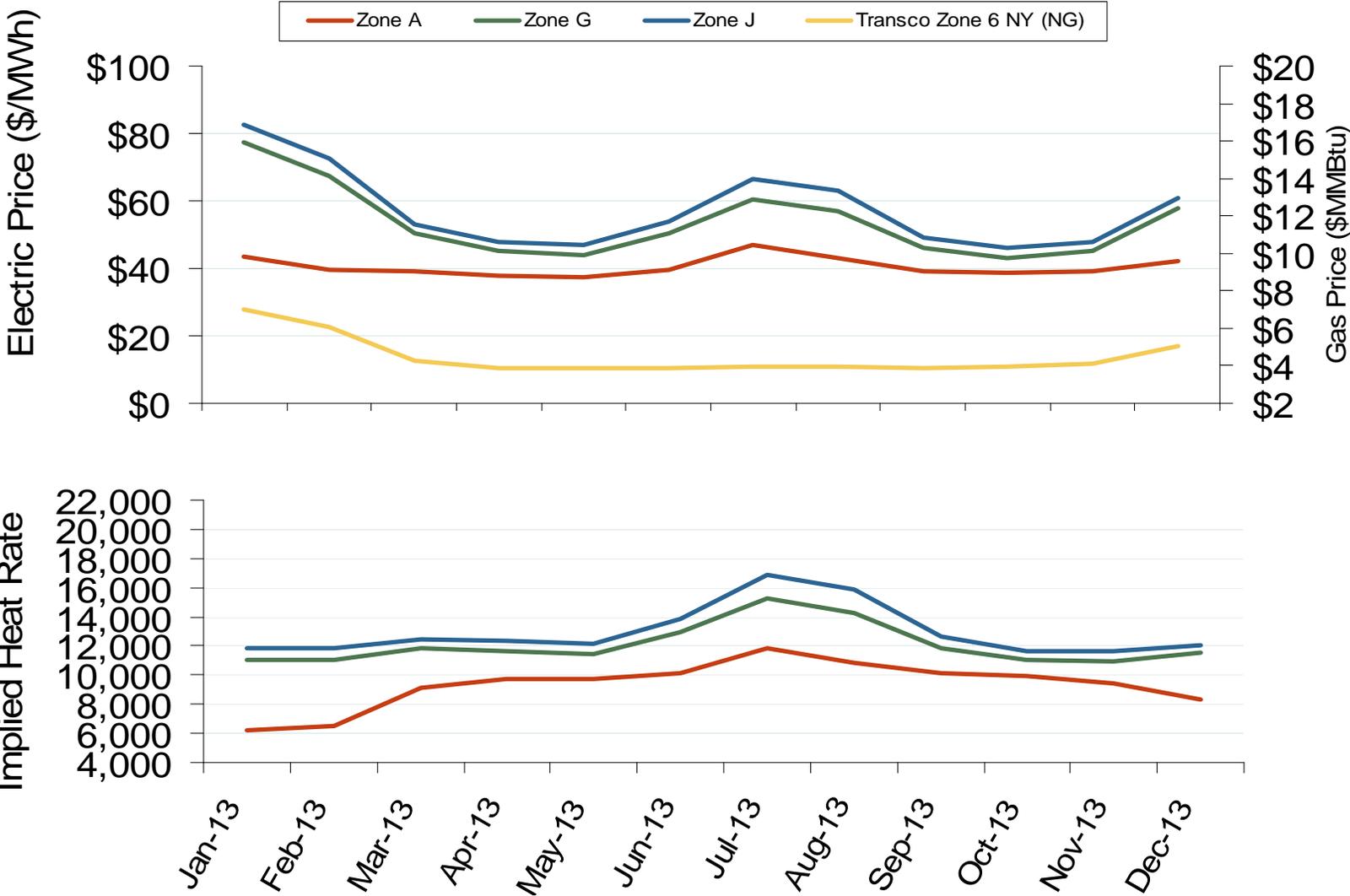
Updated: December 04, 2012

New England Electric Forward Price Curves and Implied Heat Rate



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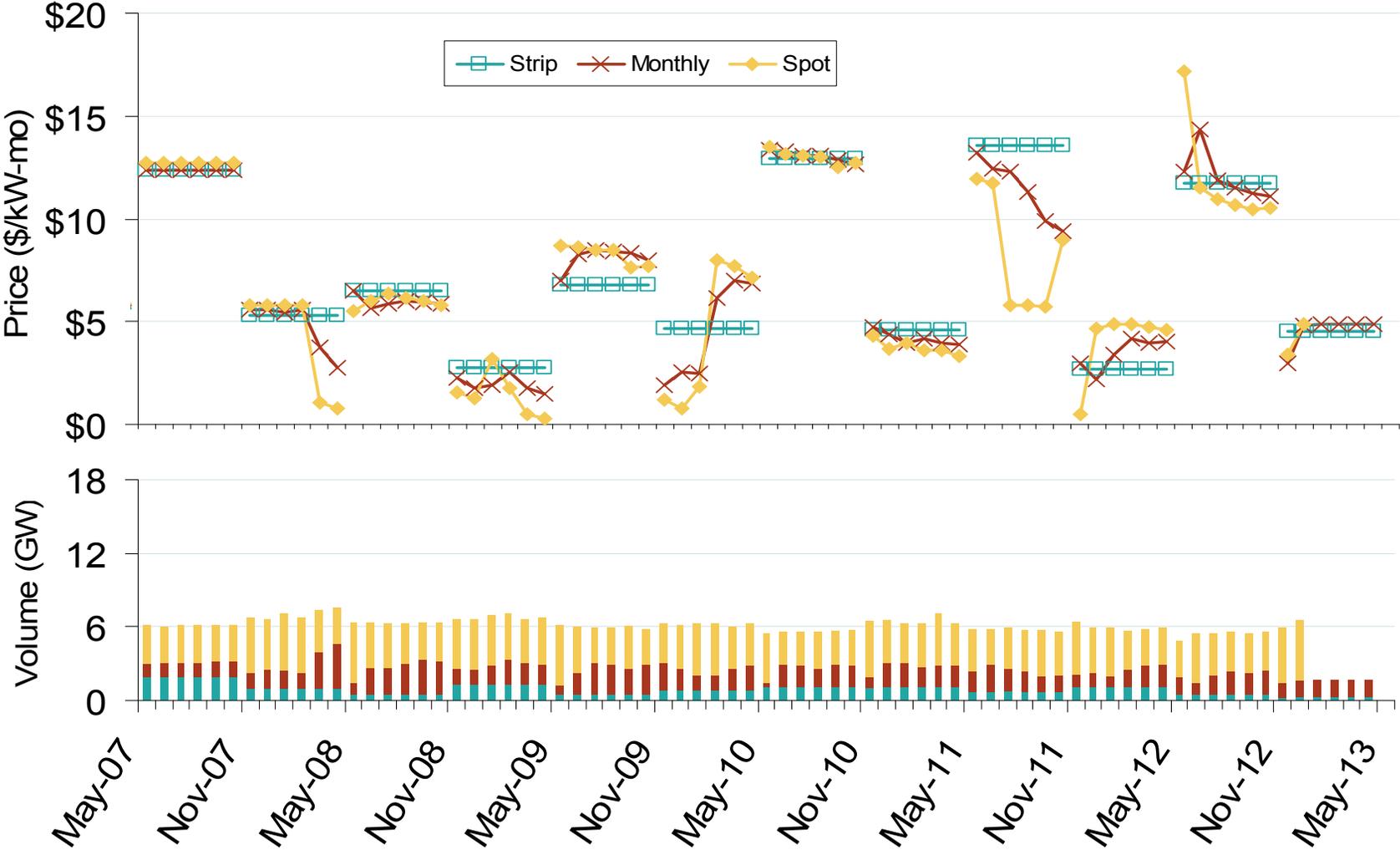
New York Electric Forward Price Curves and Implied Heat Rates



Source: Derived from Nymex data
December 2012 Northeast Snapshot Report

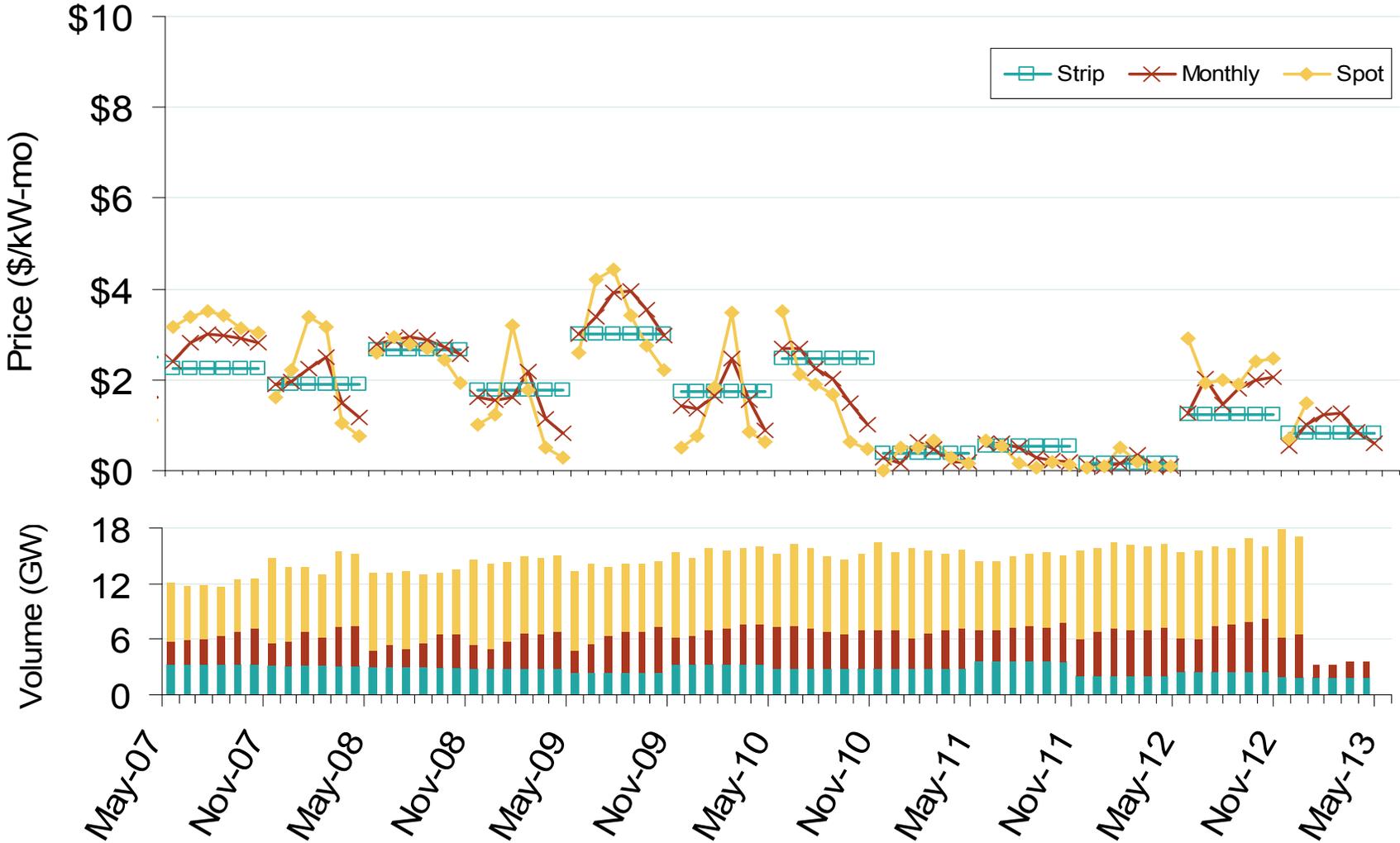
Updated: December 7, 2012

Wtd. Avg. ICAP Prices & Volumes: NYC



Source: Derived from NYISO data
December 2012 Northeast Snapshot Report

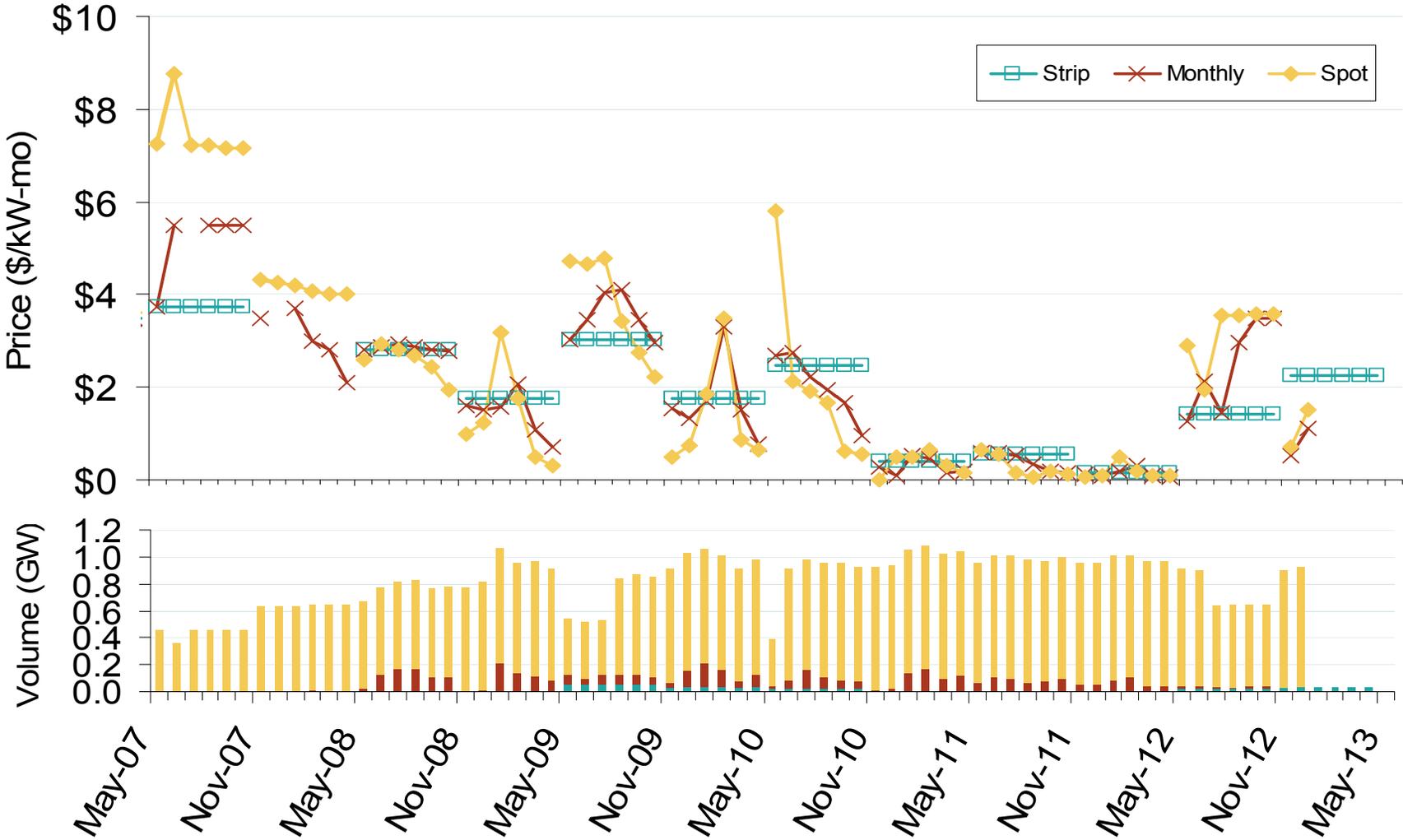
Wtd. Avg. ICAP Prices & Volumes: New York State, excluding NYC



Source: Derived from NYISO data
December 2012 Northeast Snapshot Report

Updated: December 10, 2012

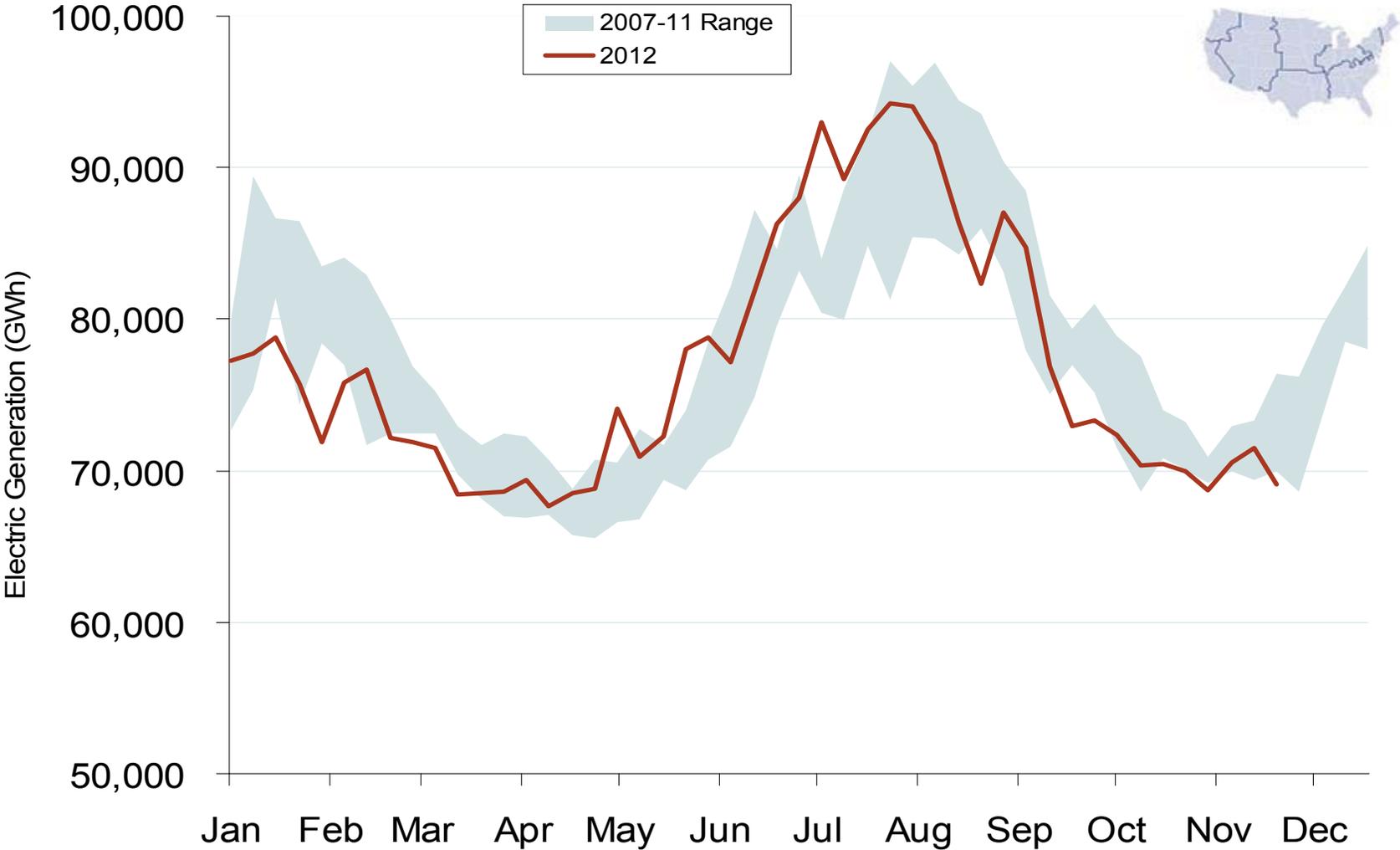
Weighted Average ICAP Clearing Prices and Volumes: Long Island



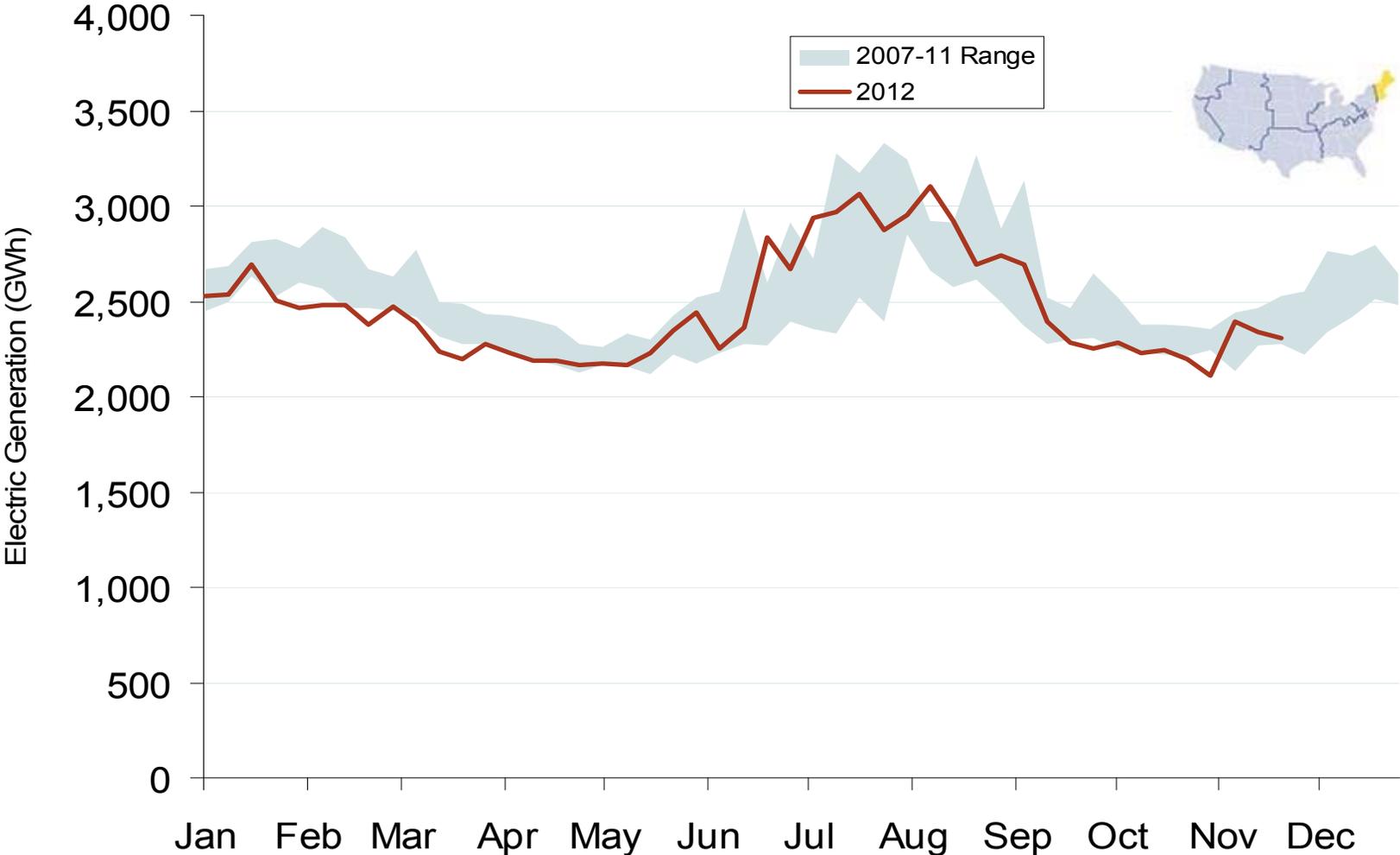
Source: Derived from NYISO data
December 2012 Northeast Snapshot Report

Updated: December 10, 2012

Weekly U.S. Electric Generation Output

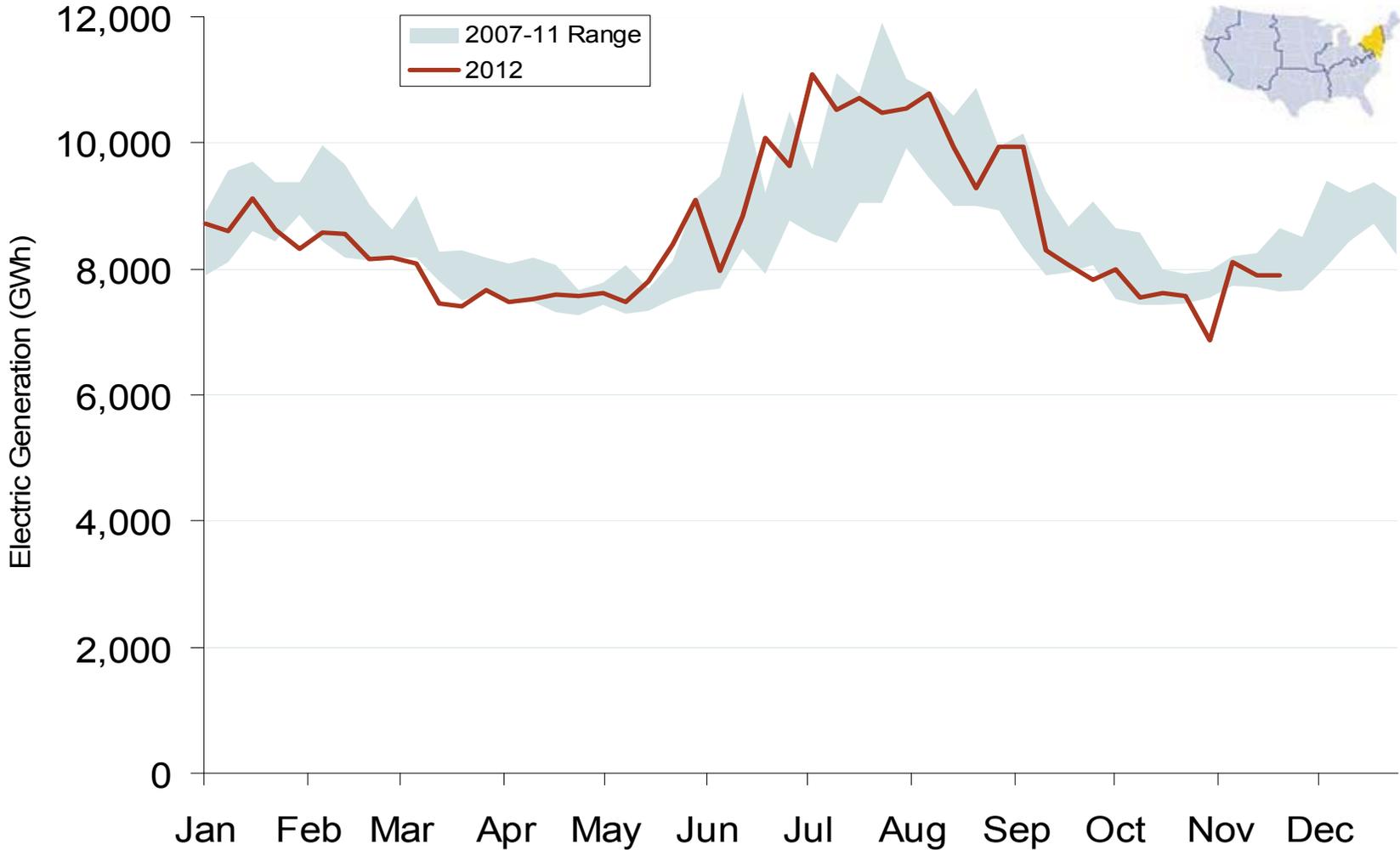


Weekly Generation Output New England



Source: Derived from *EEI* data
December 2012 Northeast Snapshot Report

Weekly Generation Output - Mid Atlantic



Source: Derived from *EEI* data
December 2012 Northeast Snapshot Report

Updated: December 05, 2012