

OE ENERGY MARKET SNAPSHOT

Northeast States Version – September 2012 Data

Office of Enforcement
Federal Energy Regulatory Commission
October 2012



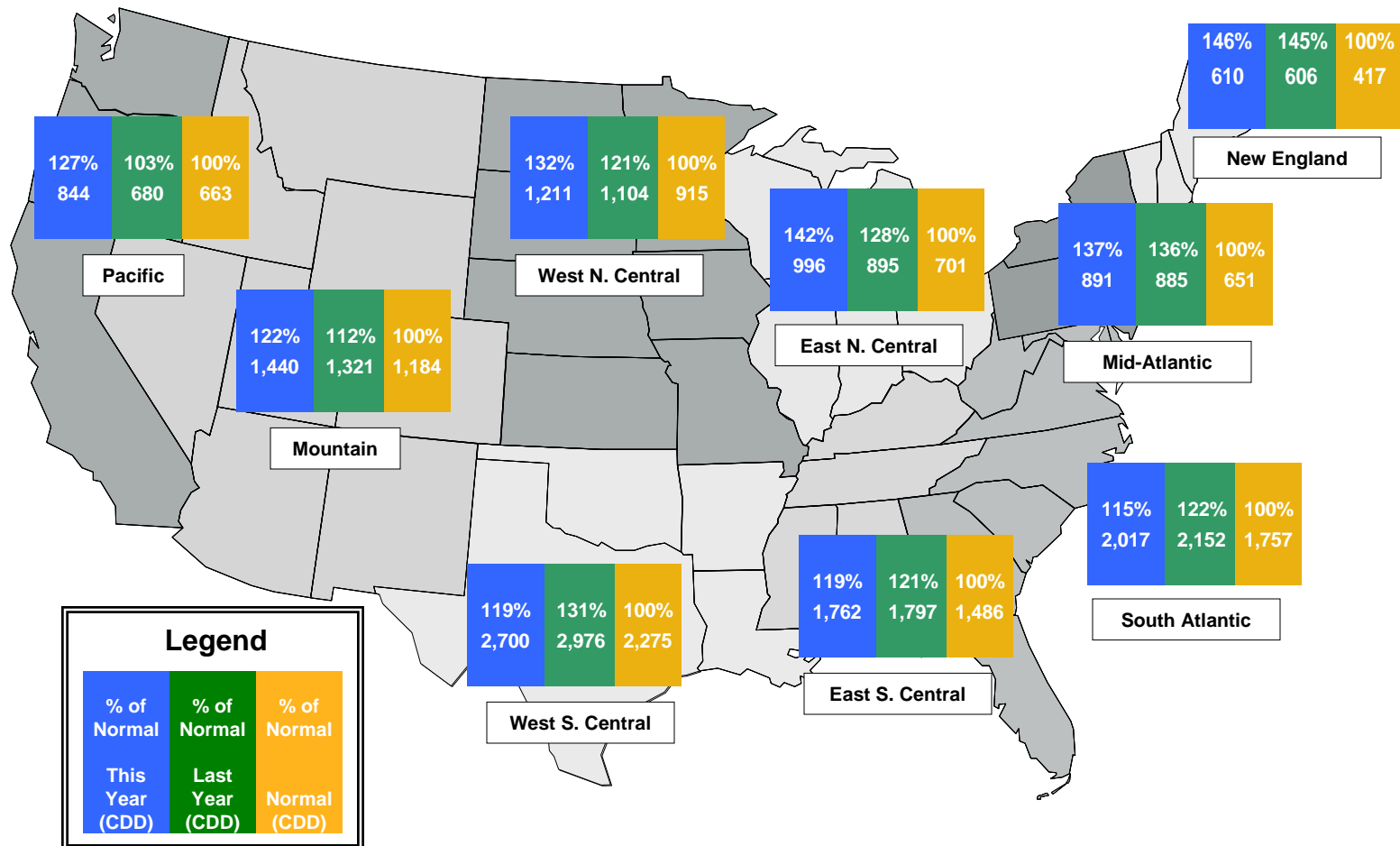
Infrastructure Report

September Infrastructure Report



Weather

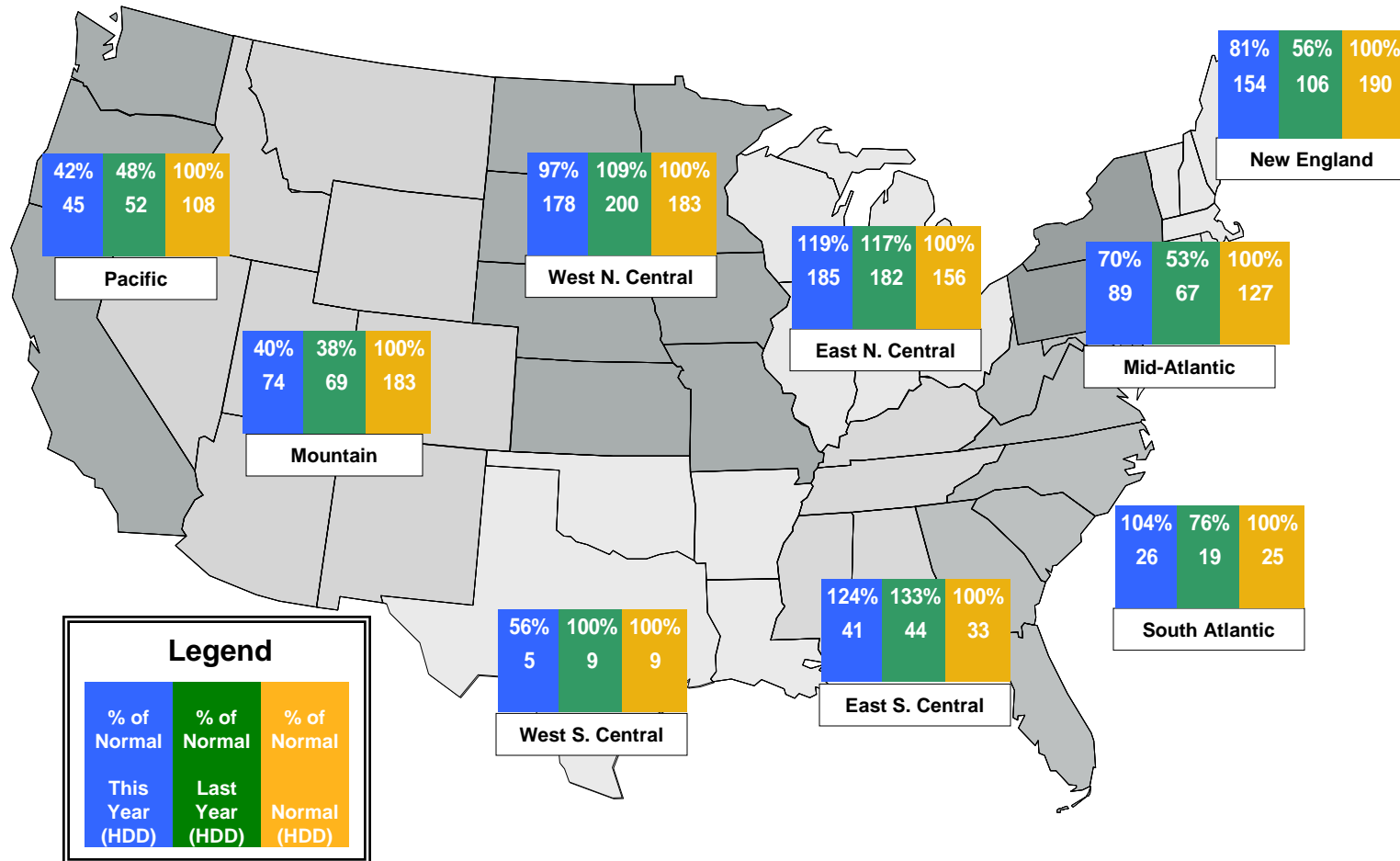
Regional Cooling Degree Days – January to September 2012



Source: Derived from NOAA data. Normal is based on a 30-year average of cooling degree day data.

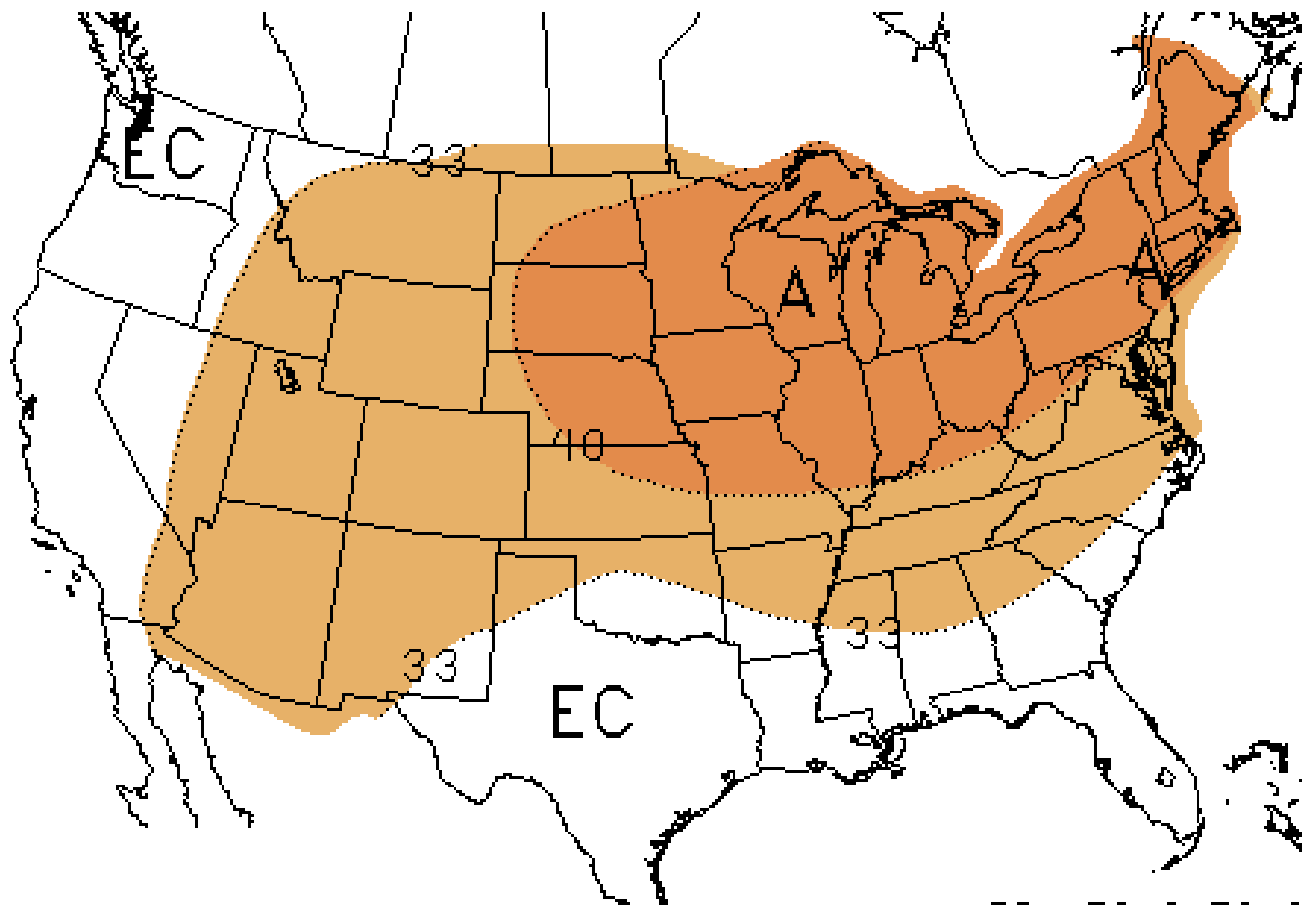
Updated: October 15, 2012

Regional Heating Degree Days – July 2012 to September 2012



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

NOAA's 3 Month Temperature Forecast Made September 20, 2012, Valid for October 2012 – December 2012



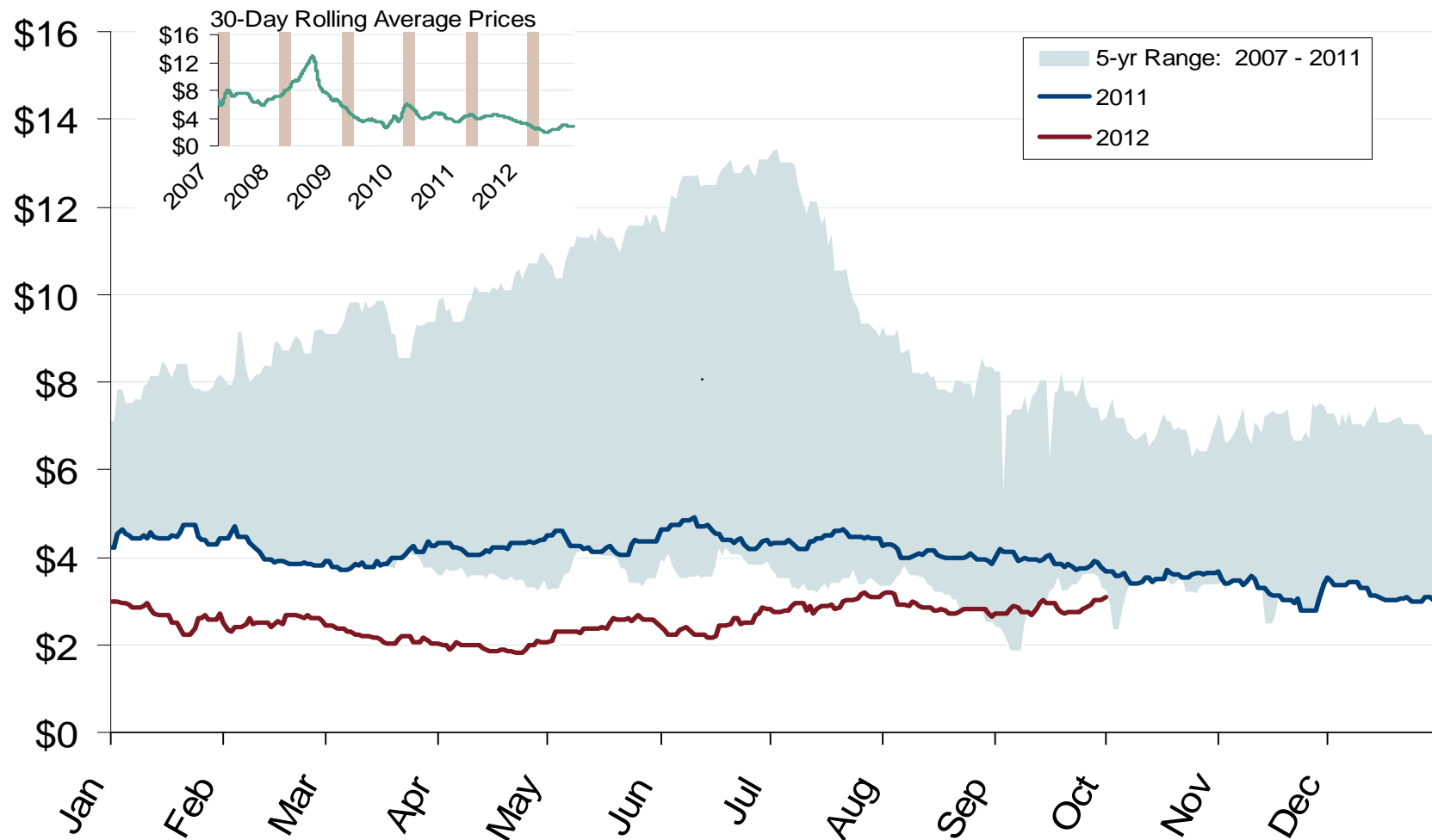
Note: "A" areas are above normal, "B" areas are below normal and "EC" means equal chance. Normal is based on the last 30 years of data.
Source: Derived from NOAA data.

Updated: October 3, 2012

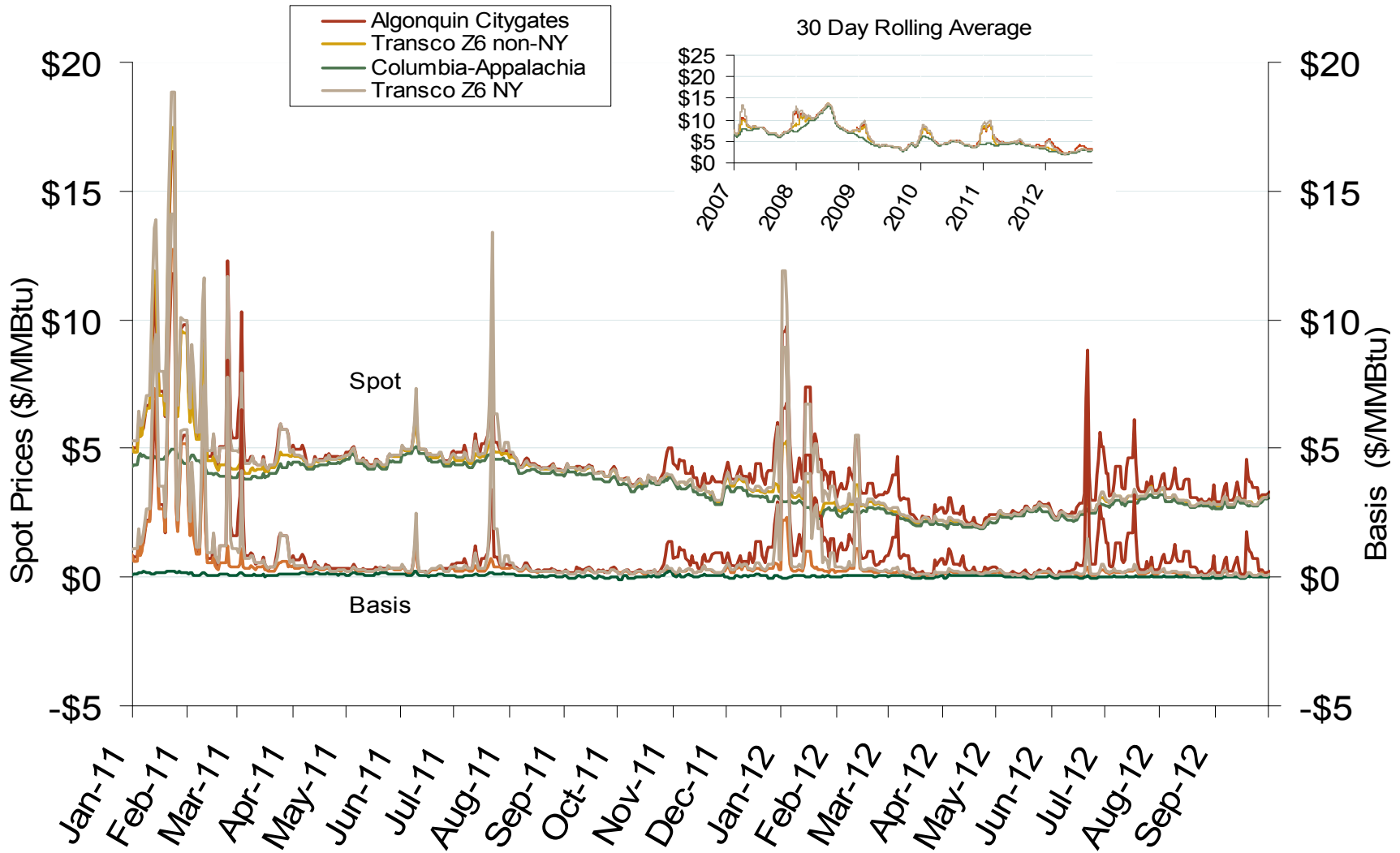


Natural Gas and Fuels Markets

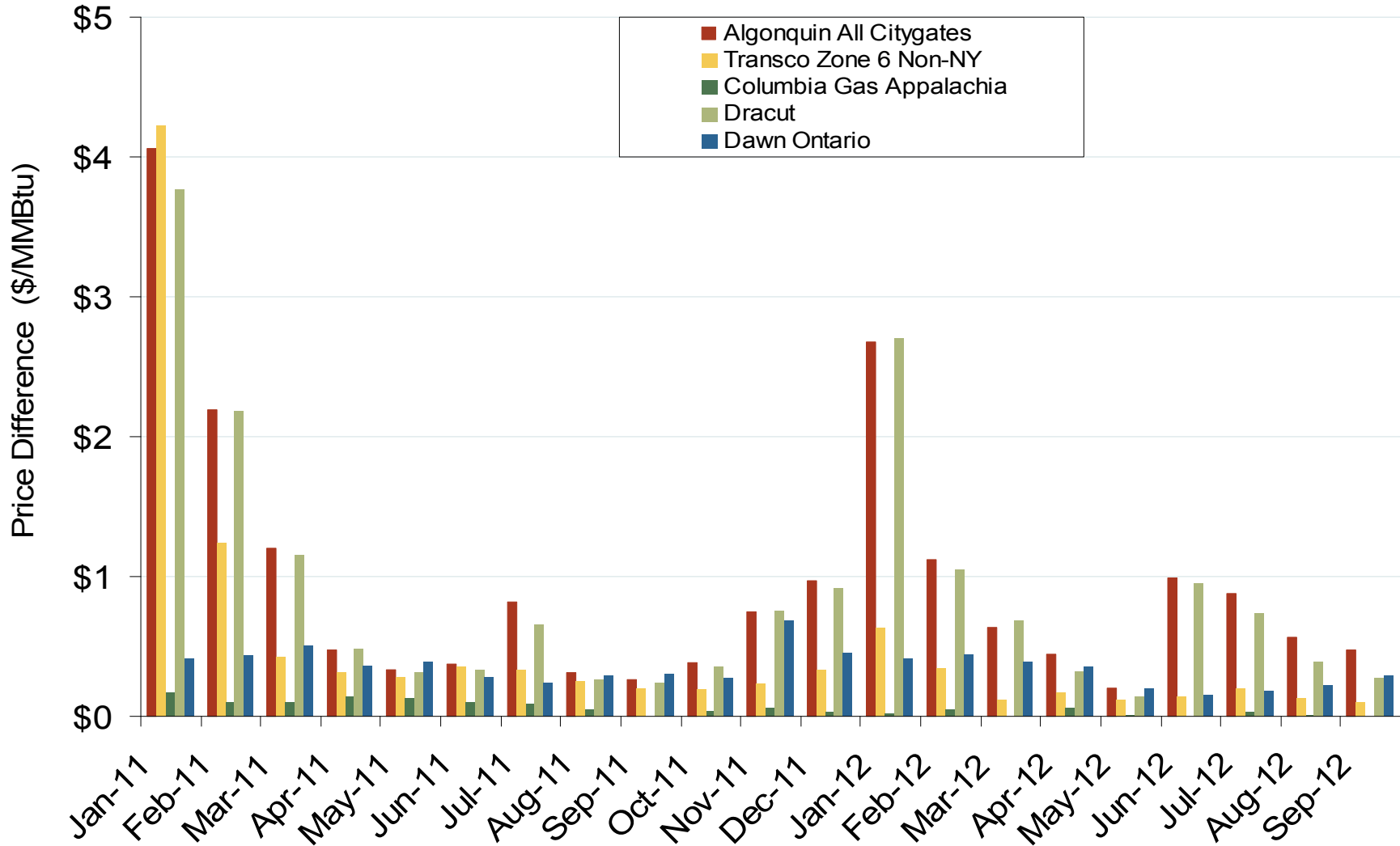
Henry Hub Natural Gas Daily Spot Prices



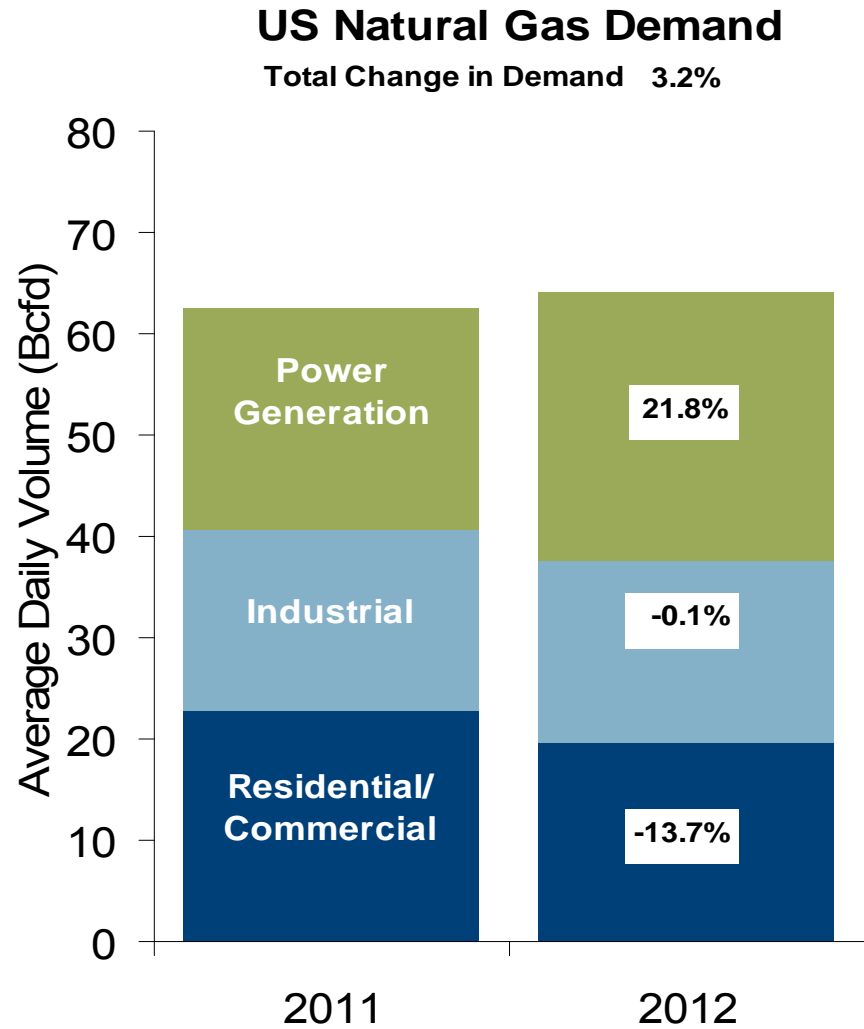
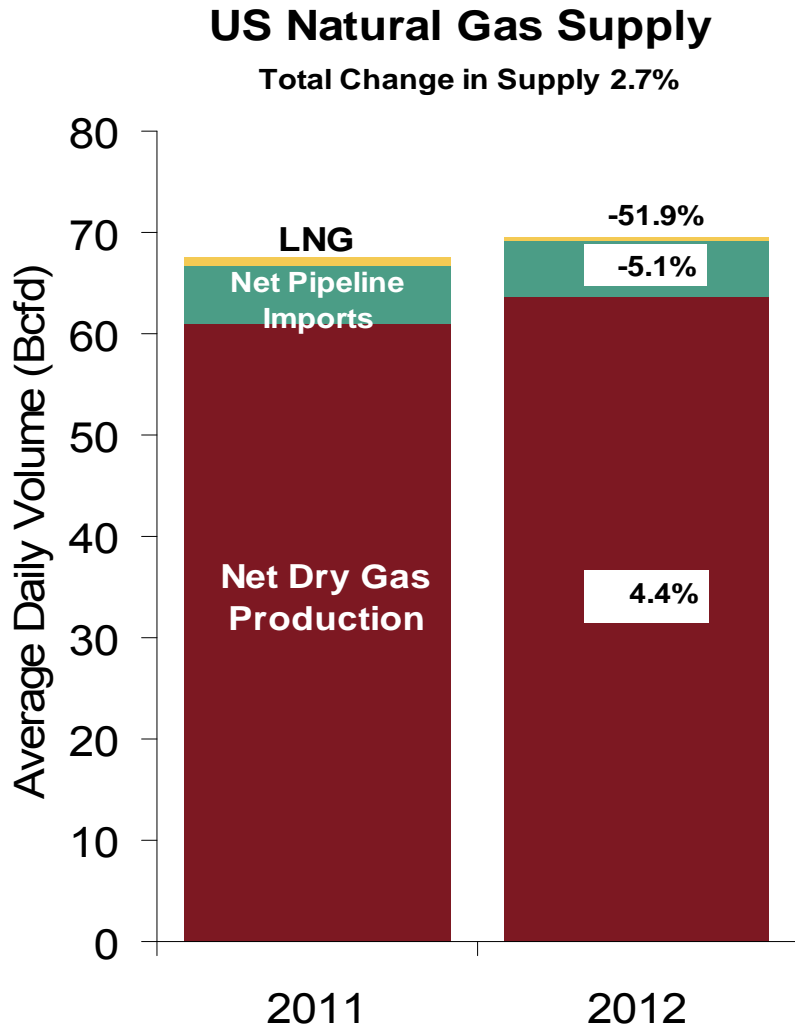
Northeastern Spot Prices and Basis



Northeastern Monthly Average Basis Value to Henry Hub



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



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

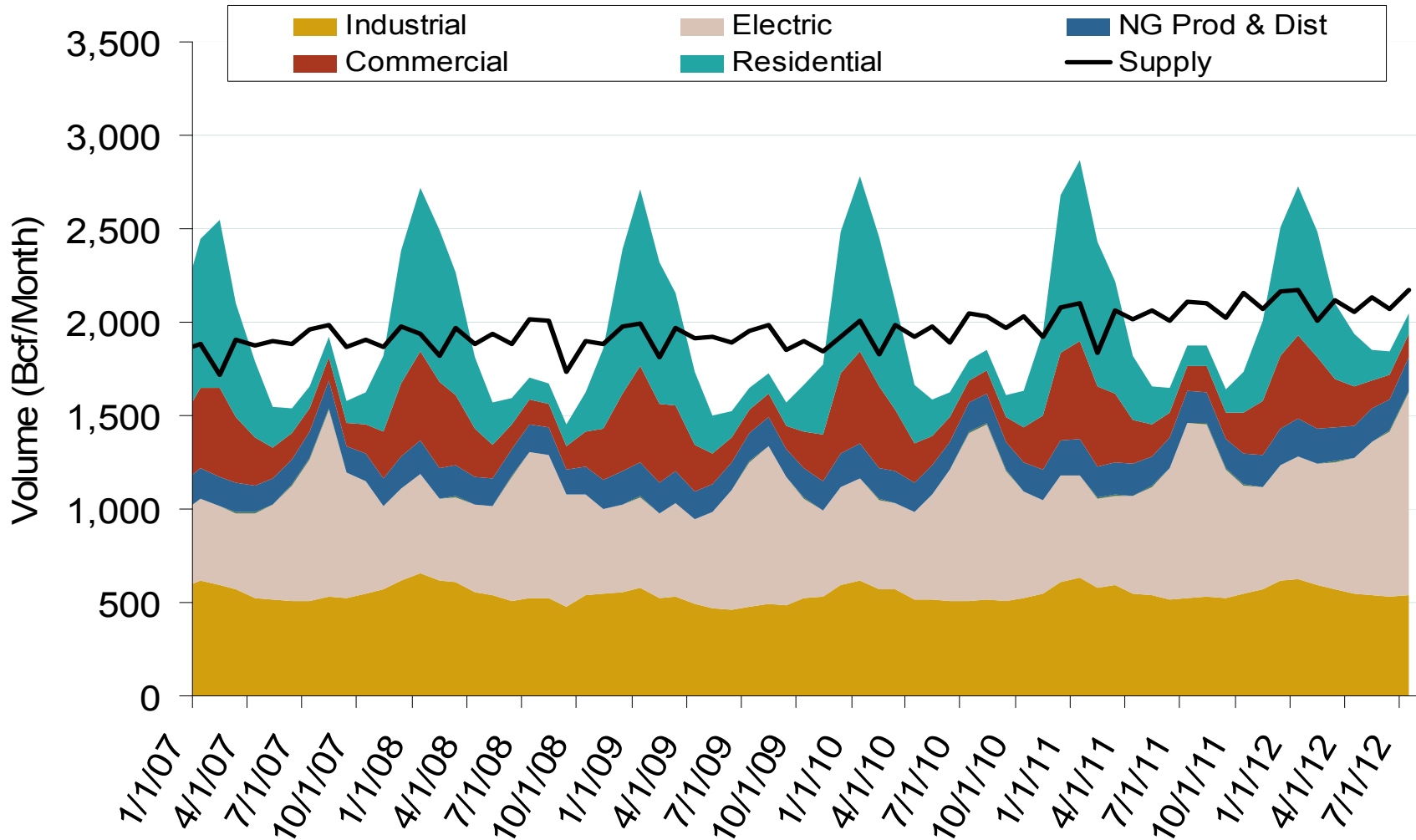
Source: Derived from *Bentek Energy* data

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Updated: October 15, 2012

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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

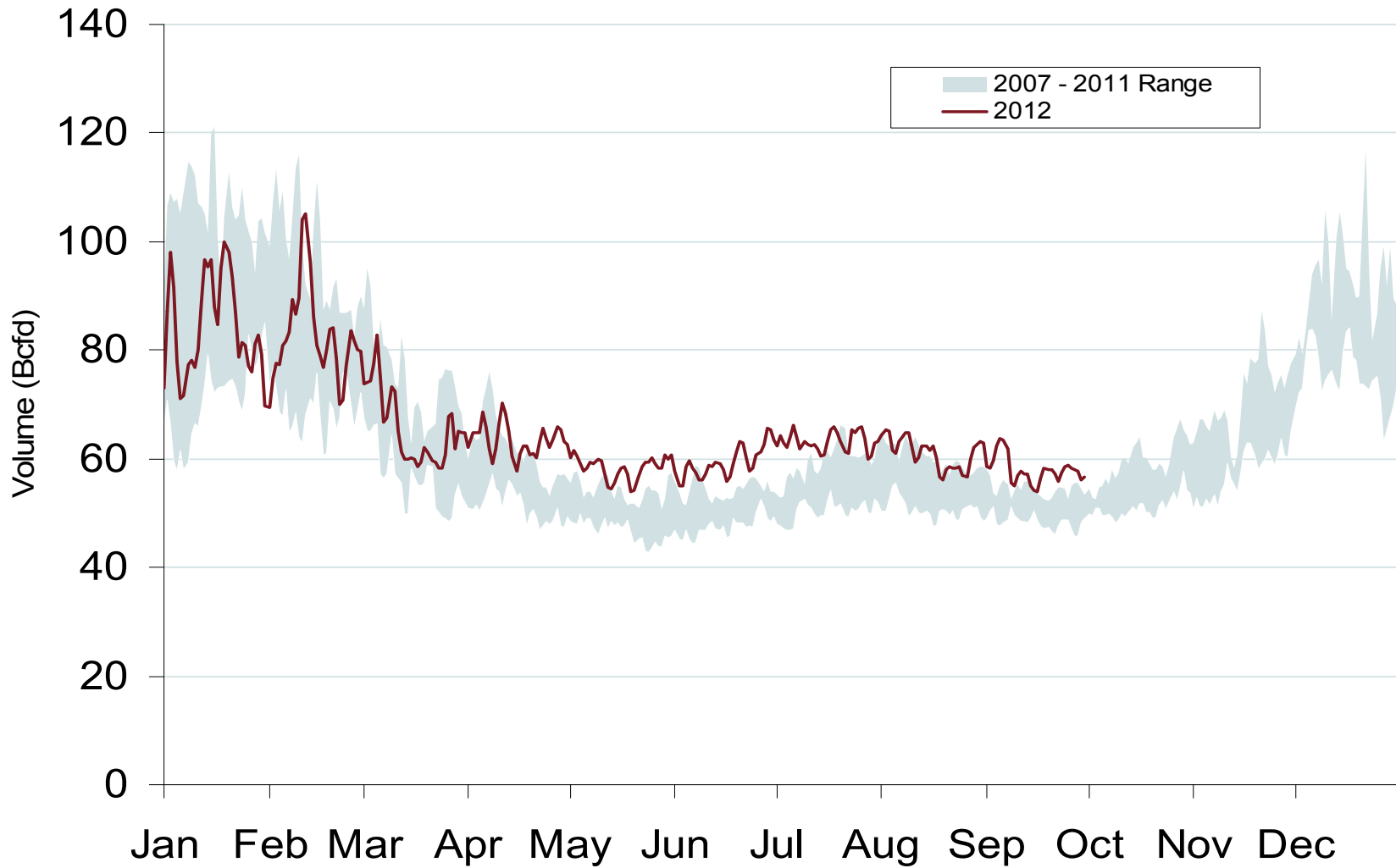
October 2012 Northeast Snapshot Report

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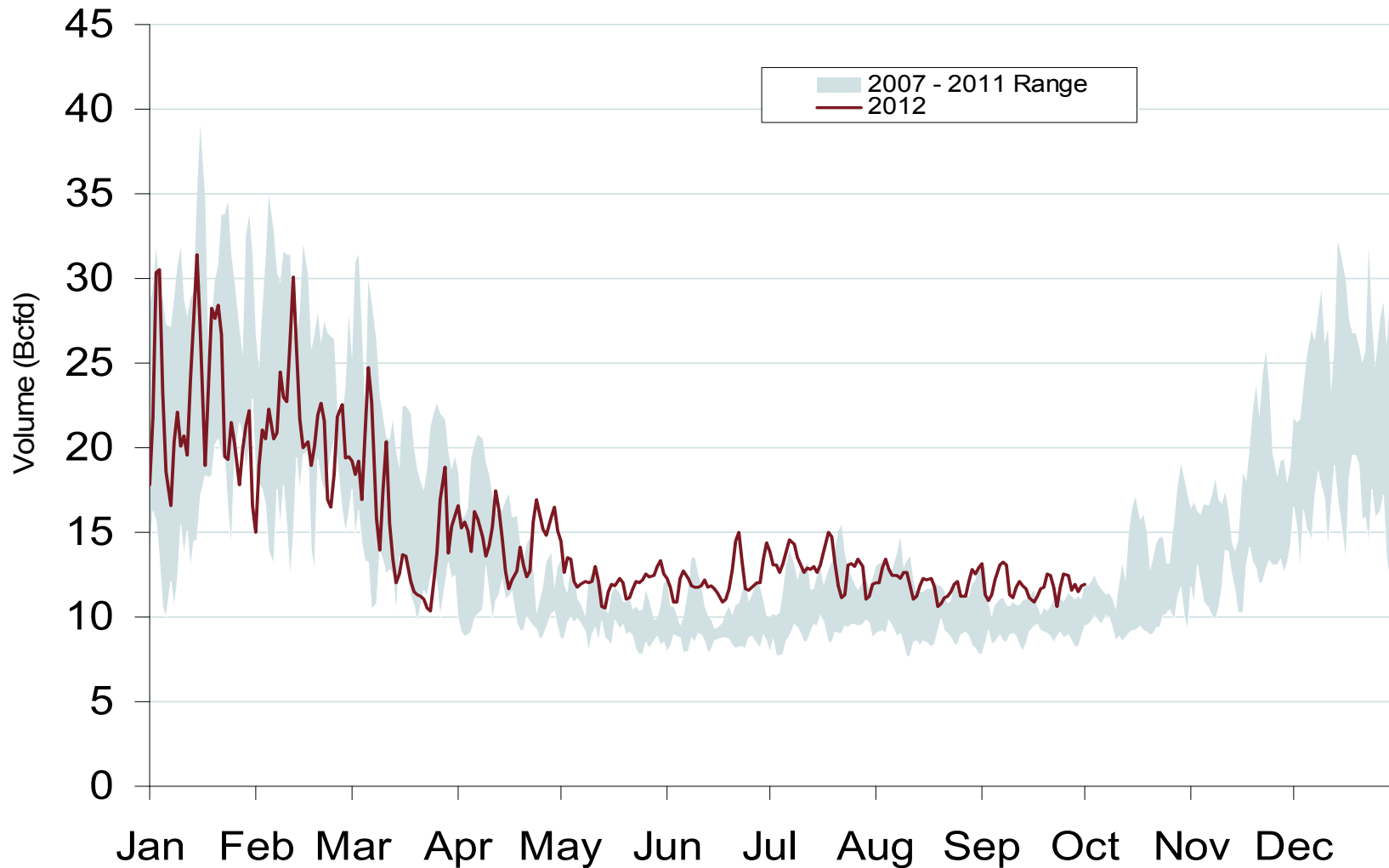
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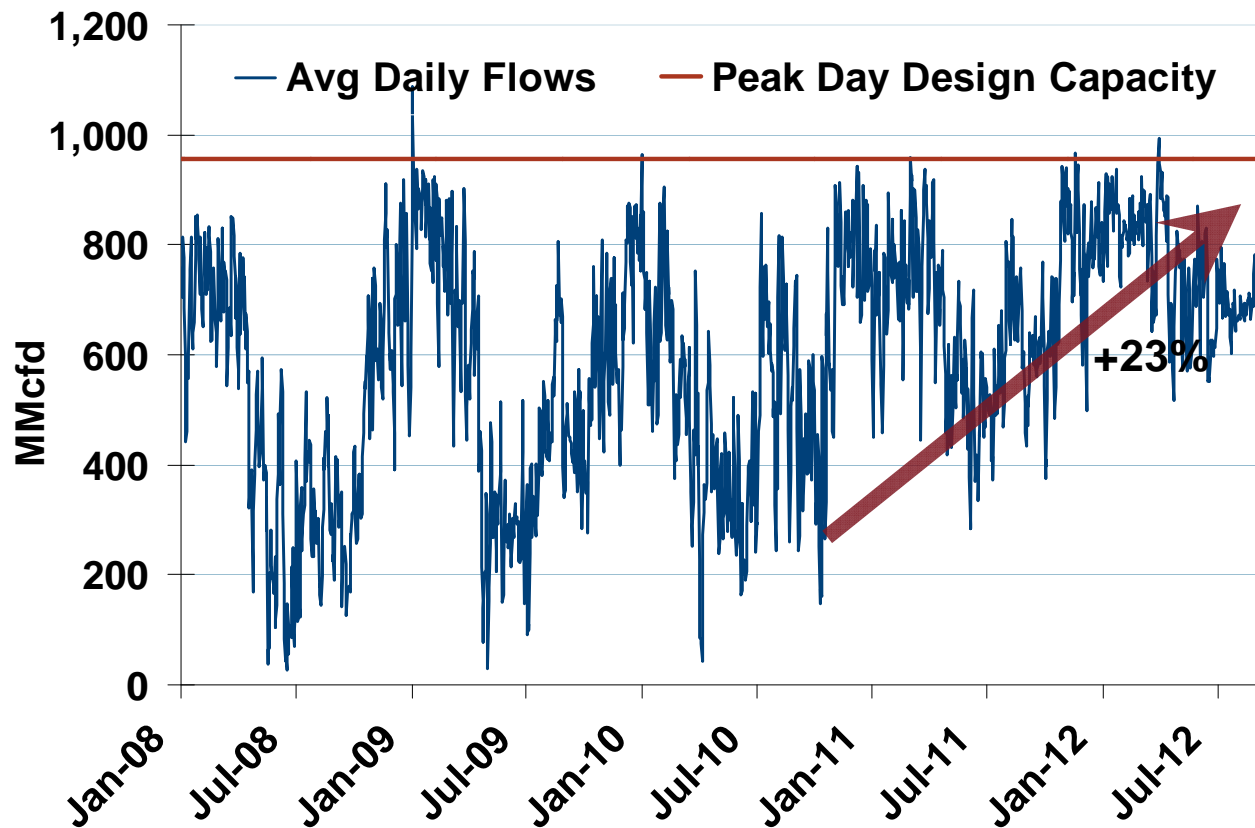
Total U.S. Natural Gas Demand All Sectors



Daily Northeast Natural Gas Demand All Sectors



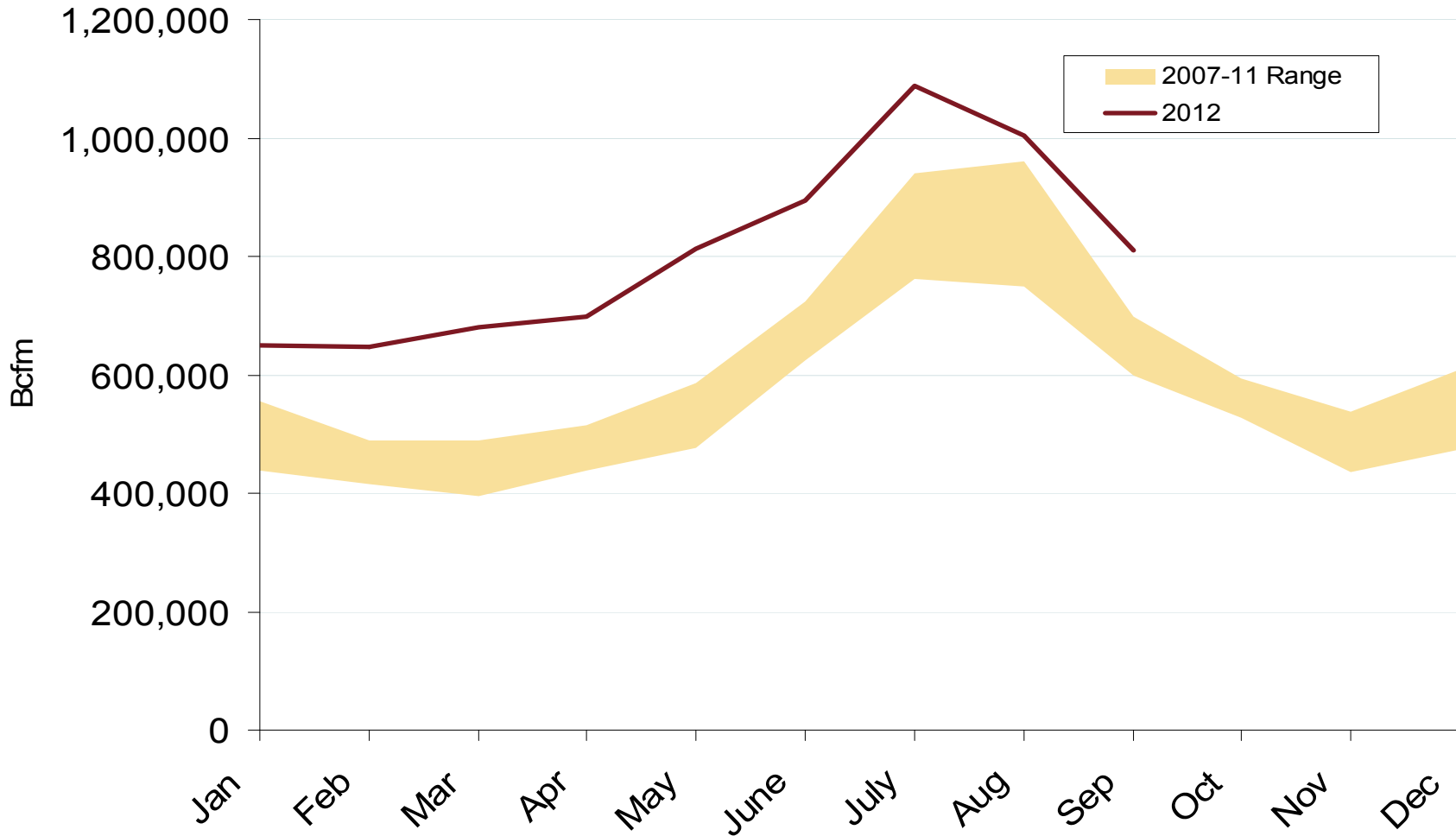
Flows at AGT's Cromwell Compressor Station Up 23%



Source: Derived from Bentek Energy data.

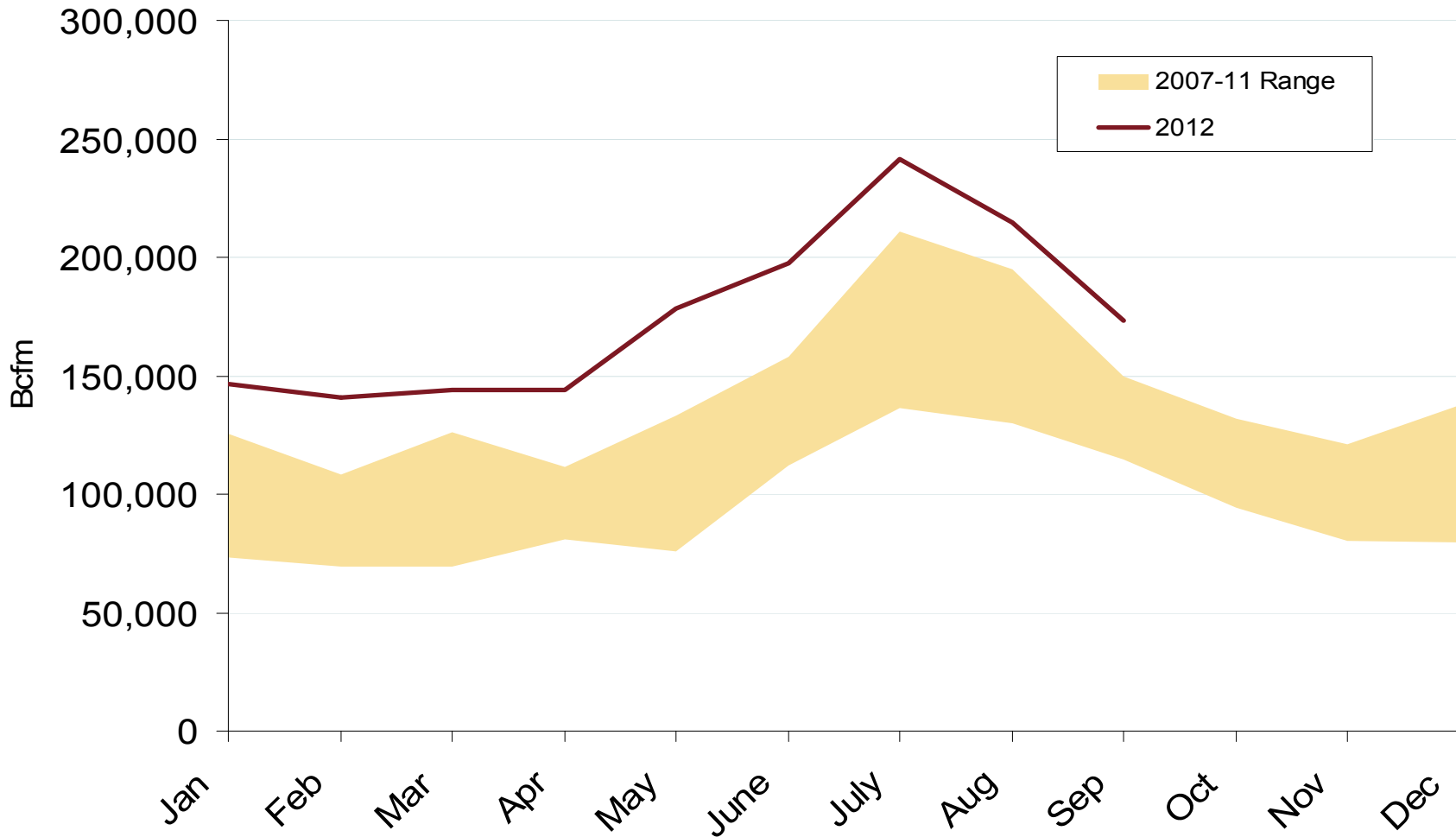
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U.S. Natural Gas Consumption for Power Generation



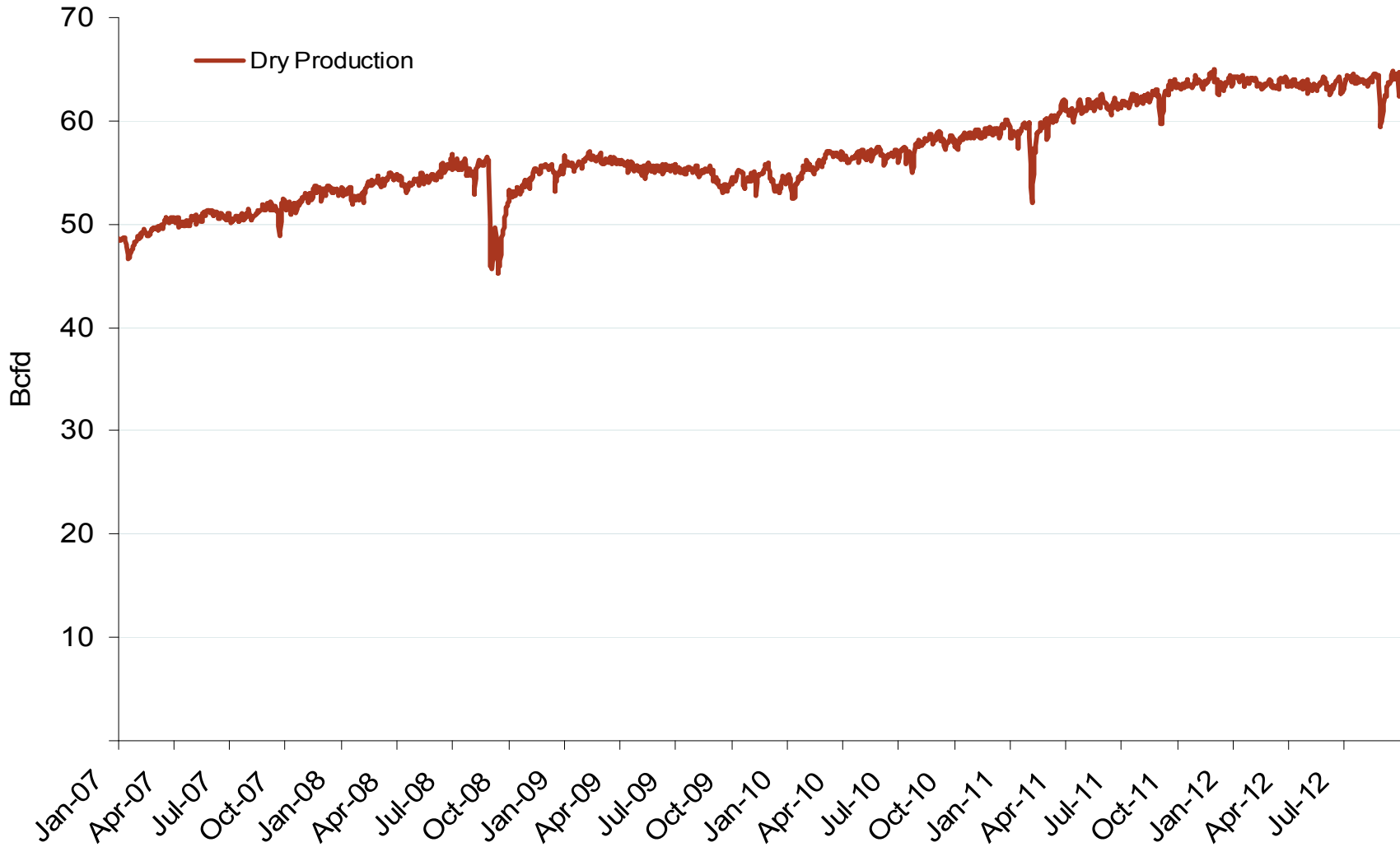
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Northeast Natural Gas Consumption for Power Generation



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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

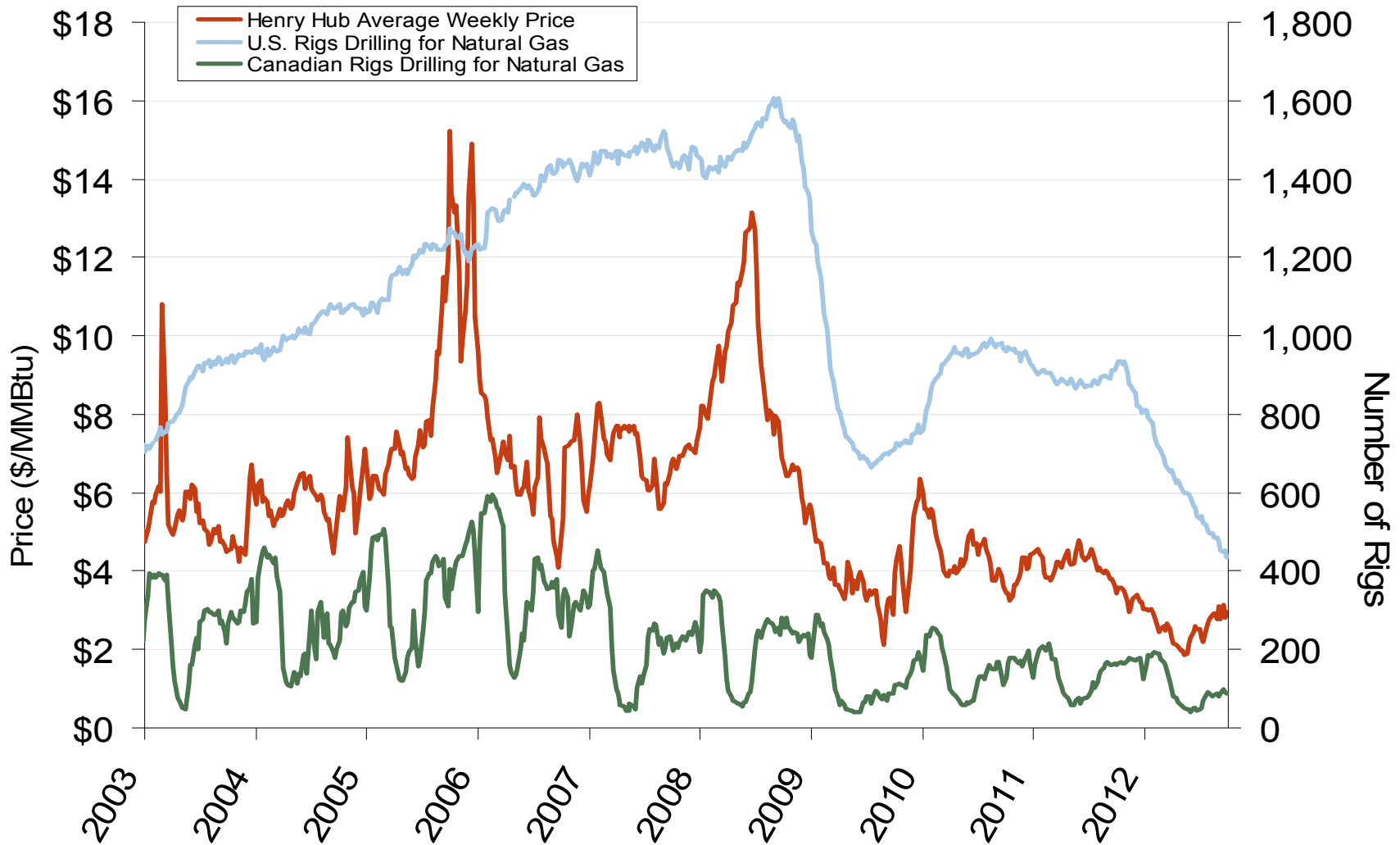
Source: Derived from Bentek Energy data

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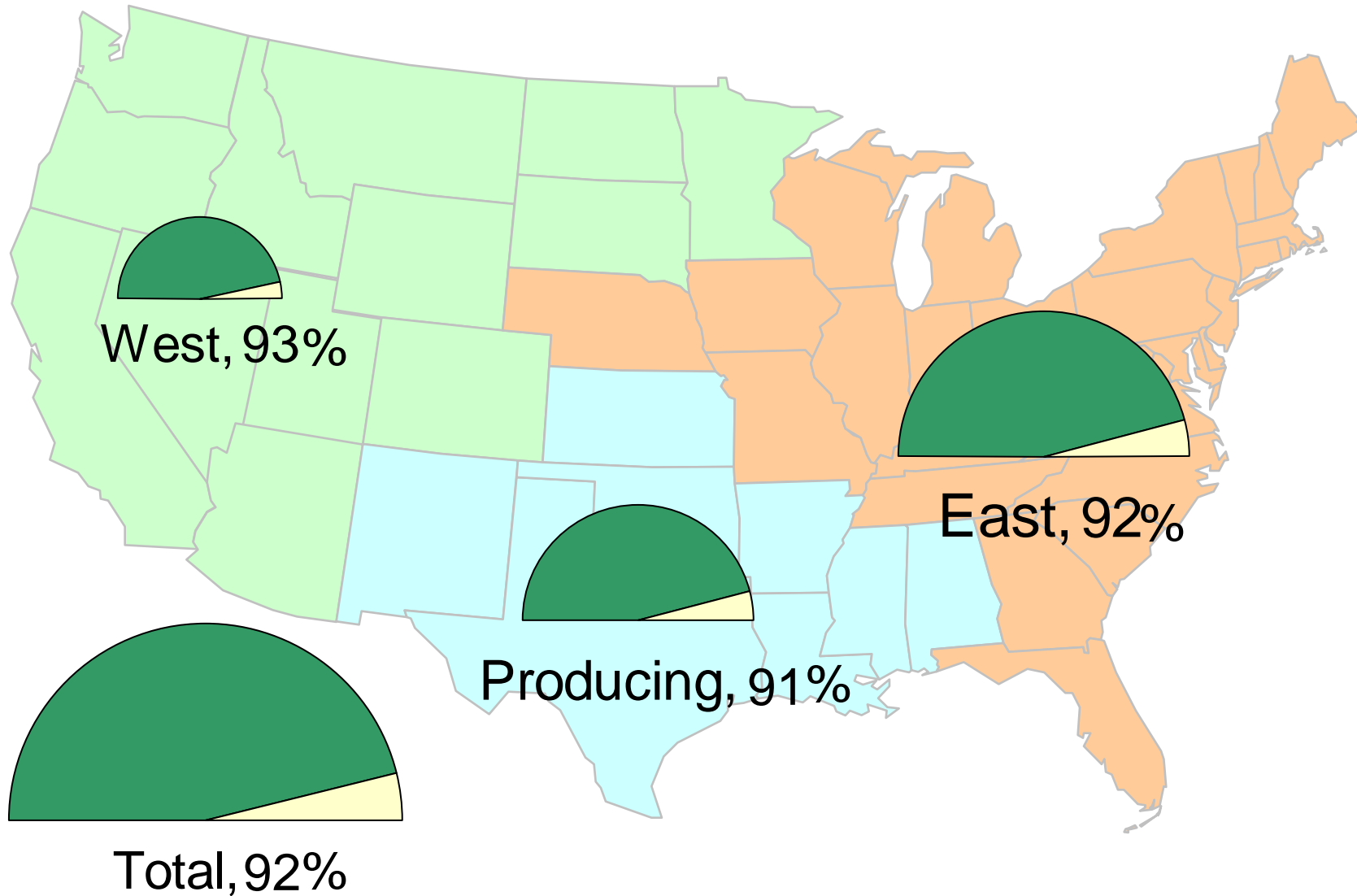
Updated: October 02, 2012

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



Natural Gas Storage Inventories – October 12, 2012

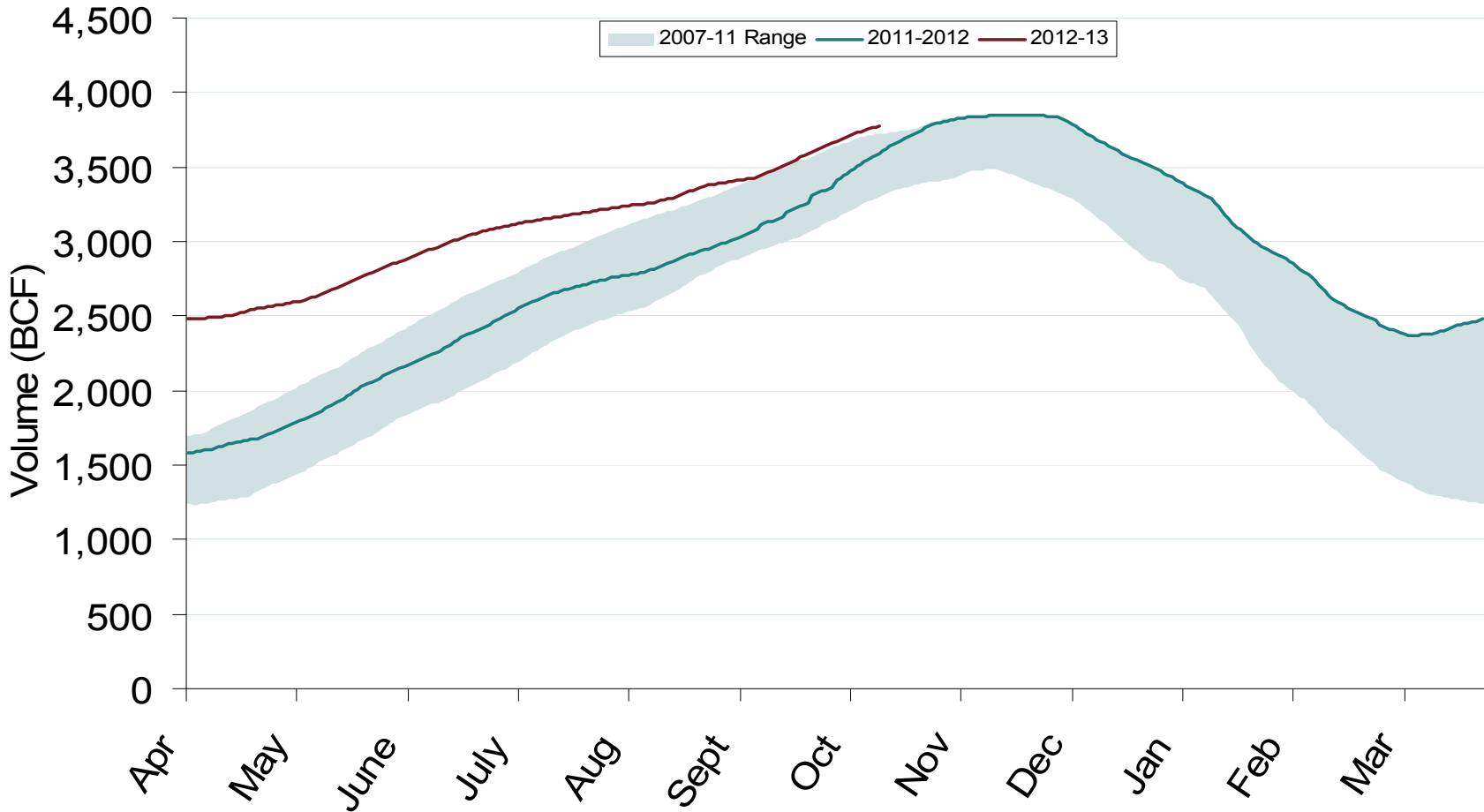


Source: Derived from *EIA Storage* and *Estimated Working Gas Capacity* data

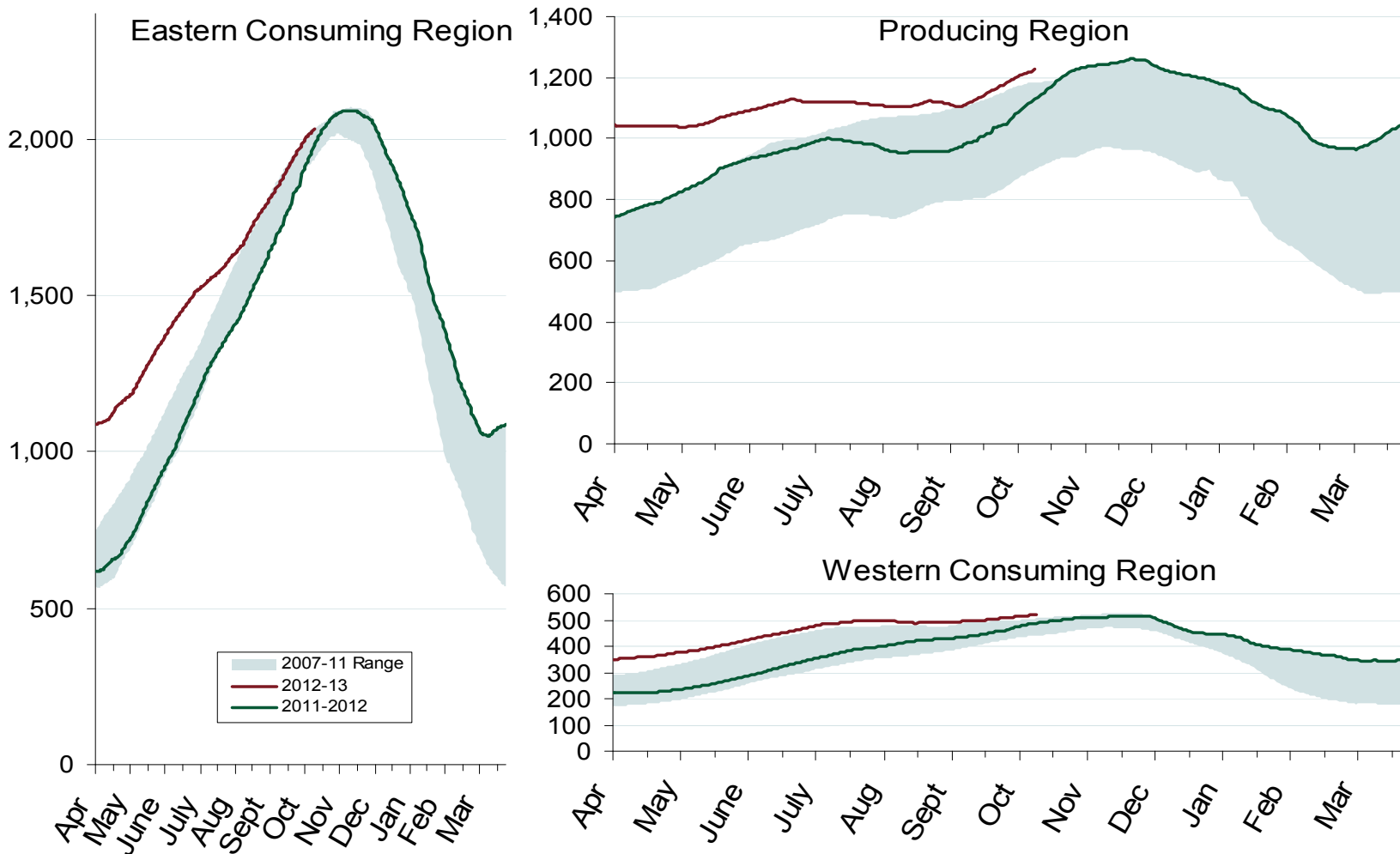
October 2012 Northeast Snapshot Report

Updated: October 3, 2012 20022

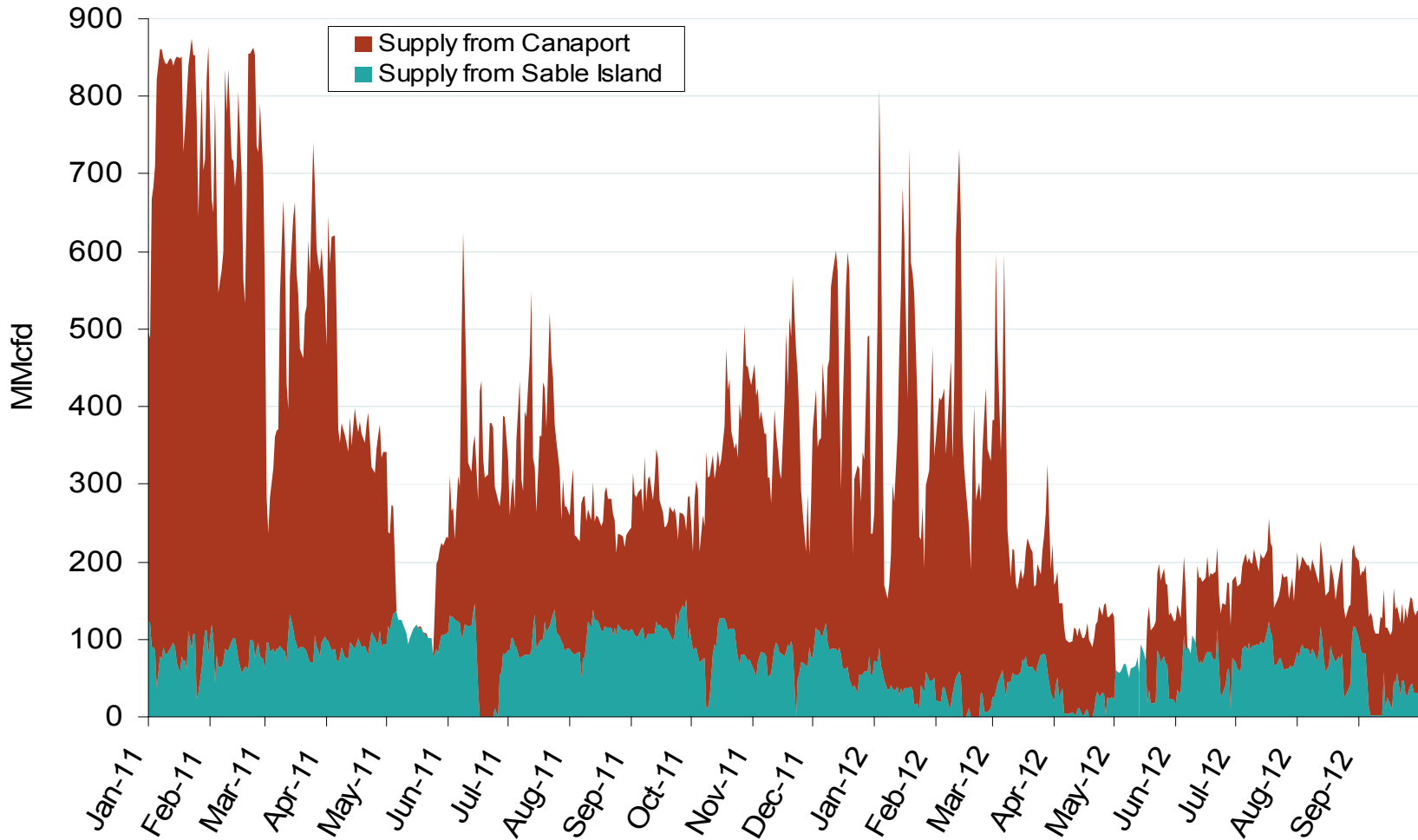
Total U.S. Working Gas in Storage



Regional Totals of Working Gas in Storage

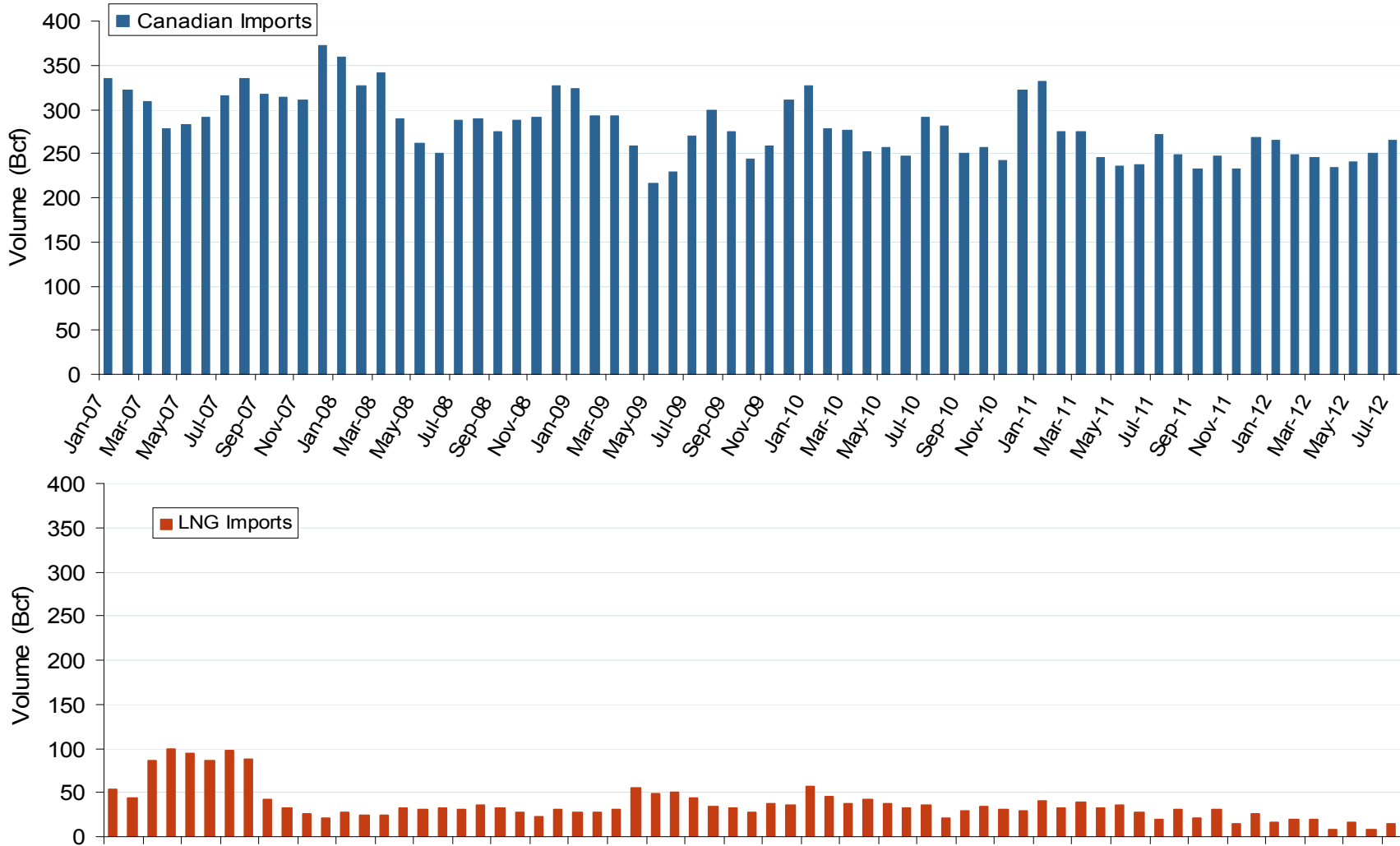


Maritimes Pipeline Flows



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

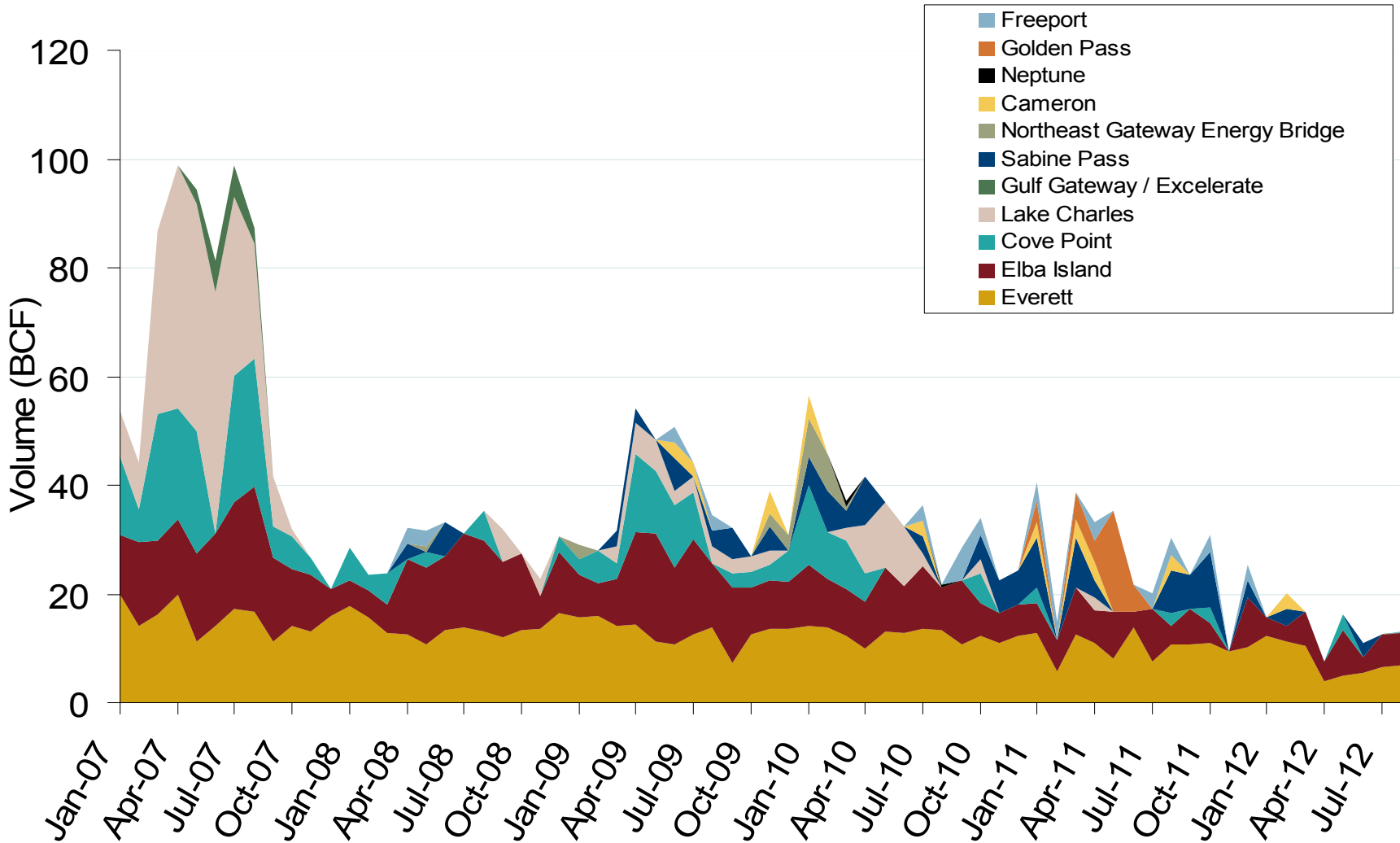


World LNG Estimated November 2012 Landed Prices



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Monthly Gas Imports at Existing U.S. LNG Facilities

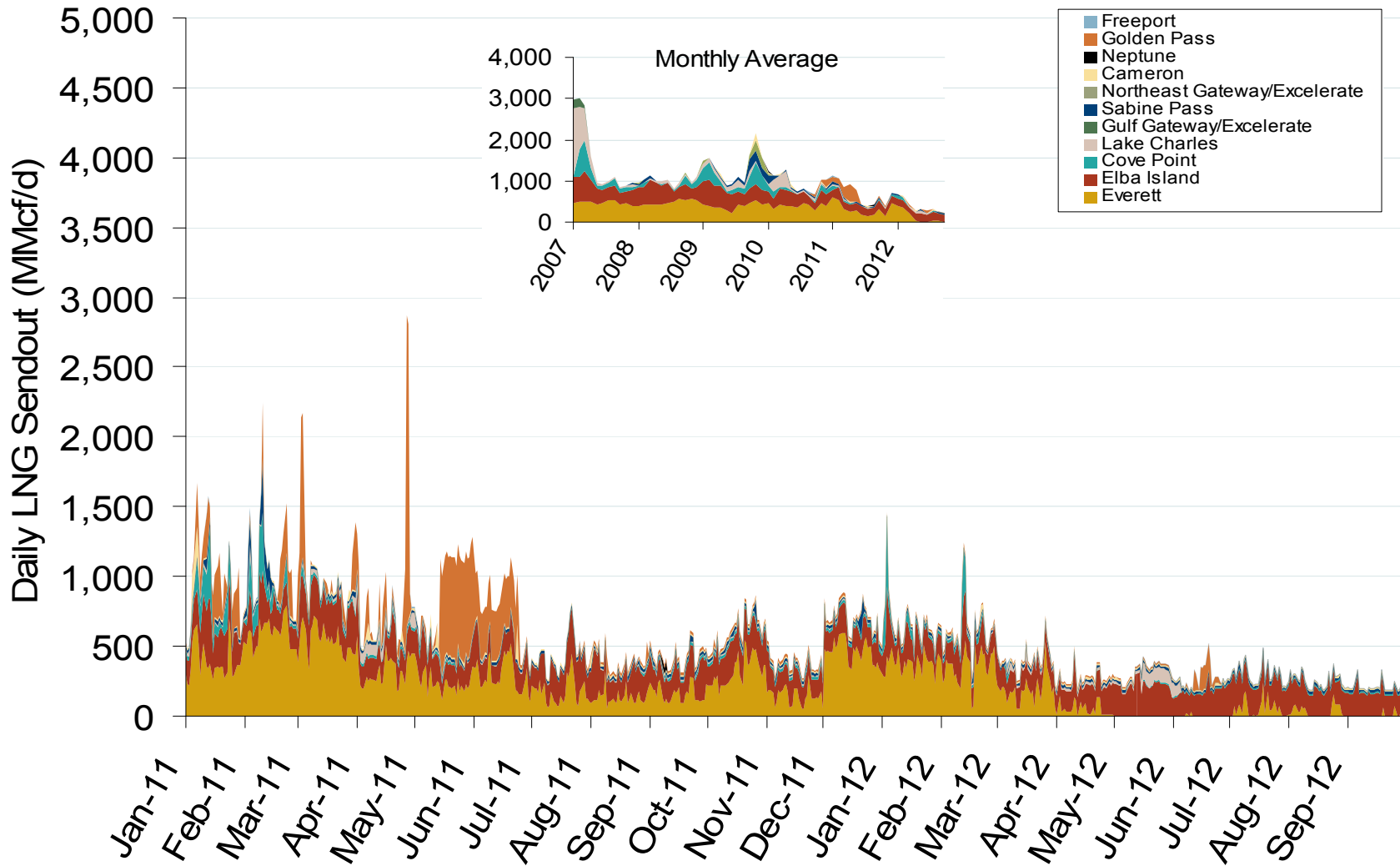


Source: Derived from DOE Office of Fossil Energy data
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Daily Gas Sendout from Existing U.S. LNG Facilities

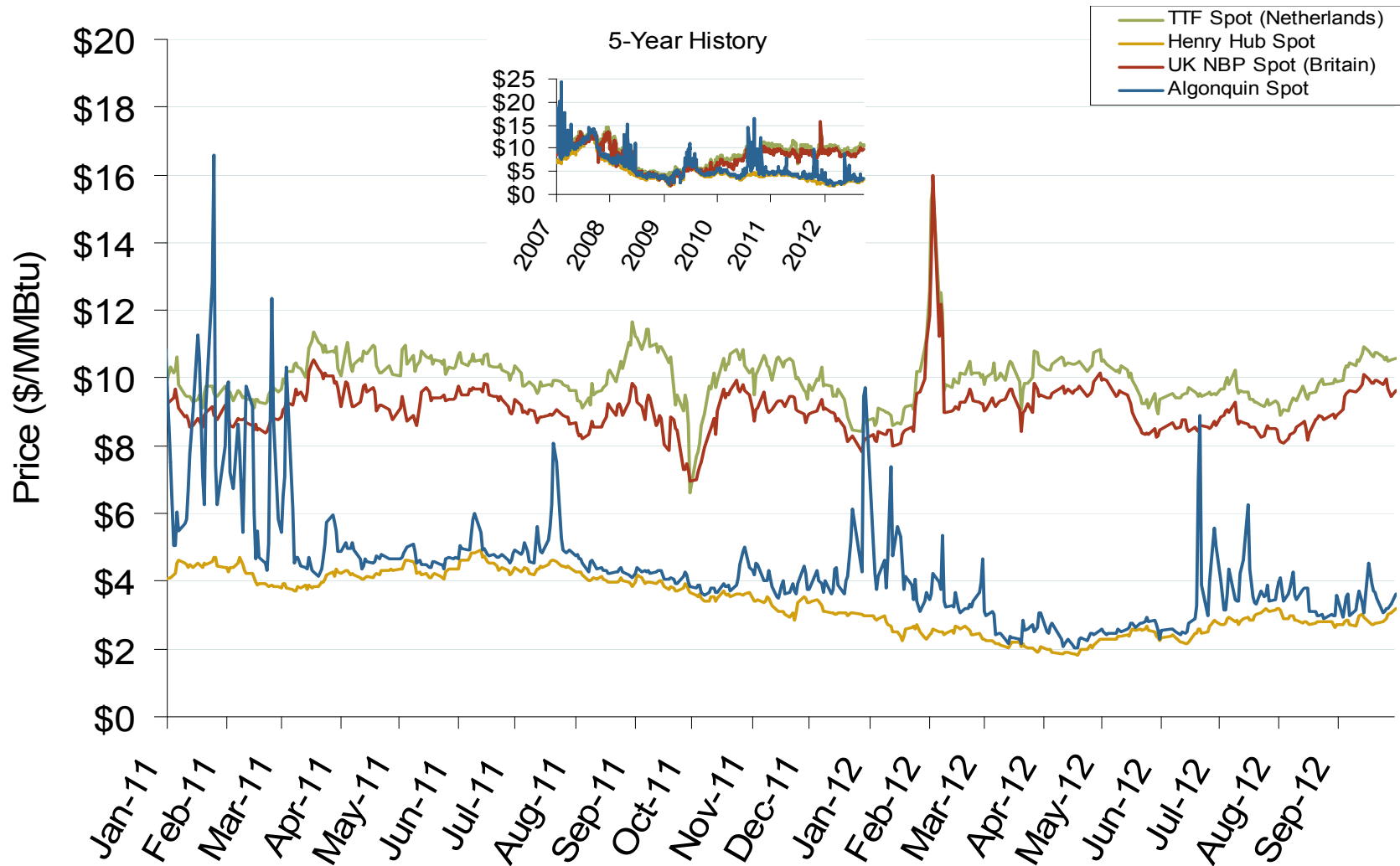


Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan Boston Gas, and LNG trucked out of the terminal. Excludes flows to the Freeport LNG which flows via intrastate pipelines and flows to the Mystic 8 and 9 power plants.

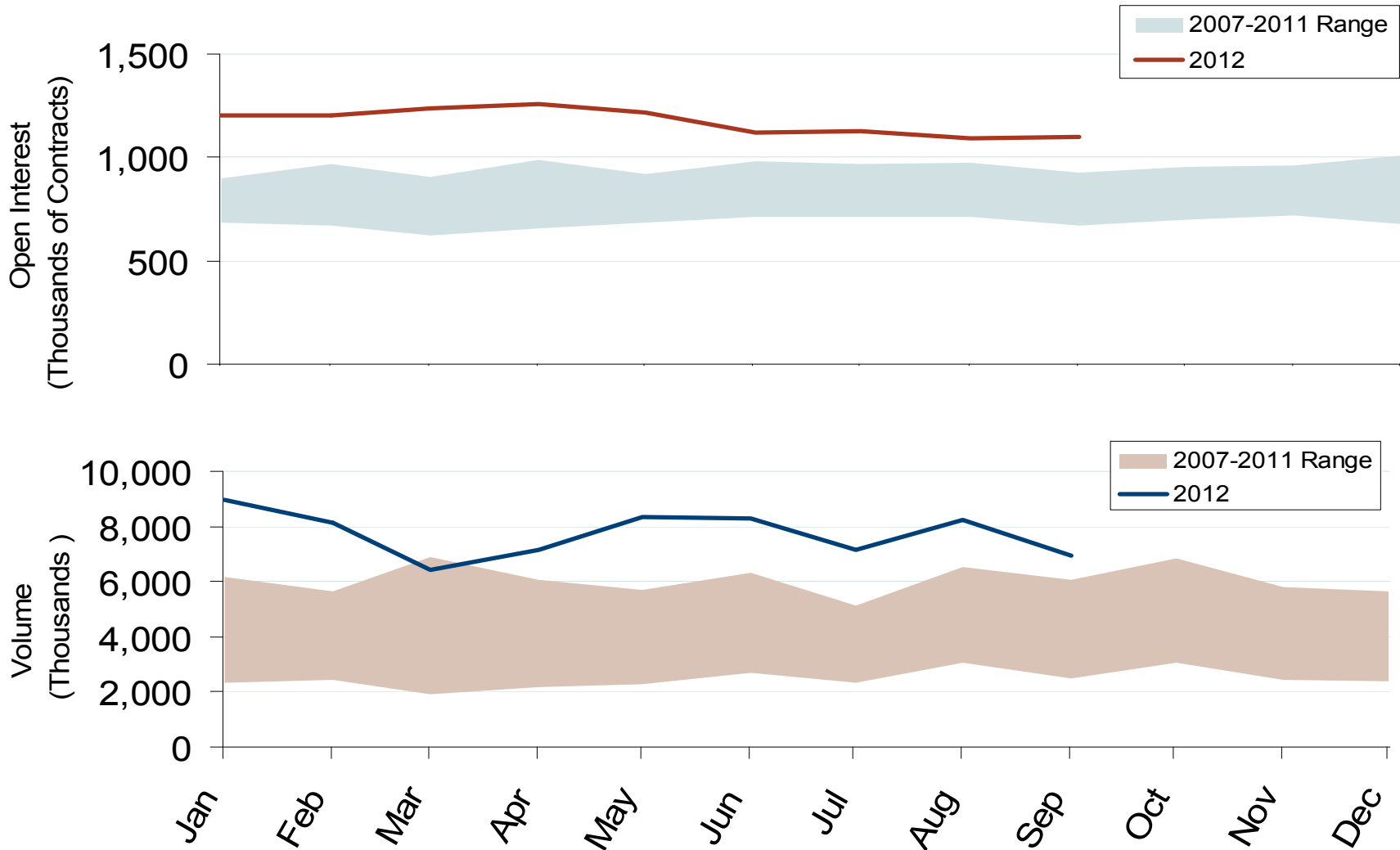
Source: Derived from *Bentek Energy* data

Updated: October 02, 2012

Atlantic Basin European and US Spot Natural Gas Prices



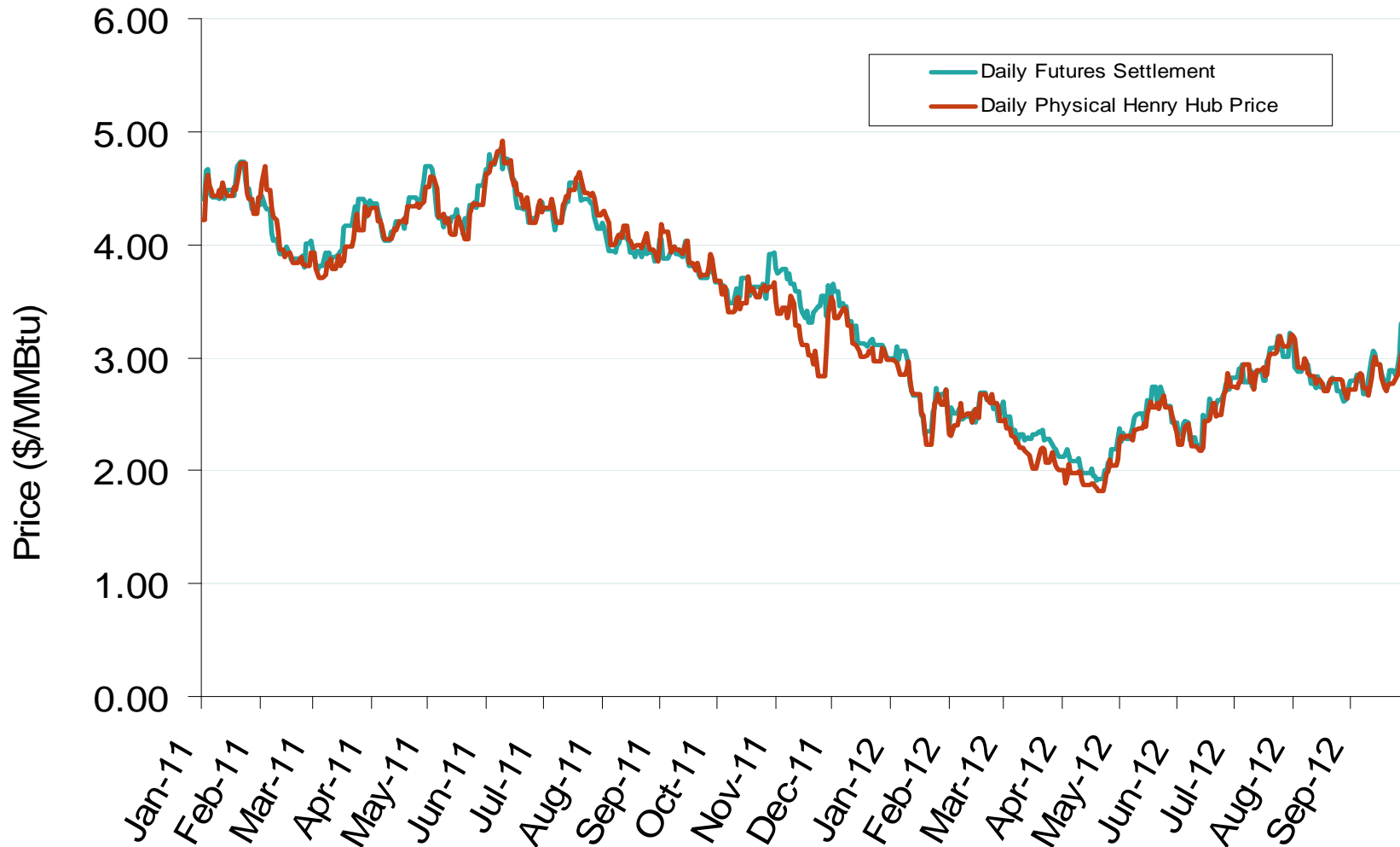
Nymex NG Futures Month-End Open Interest and Monthly Volume



Source: Derived from Nymex data

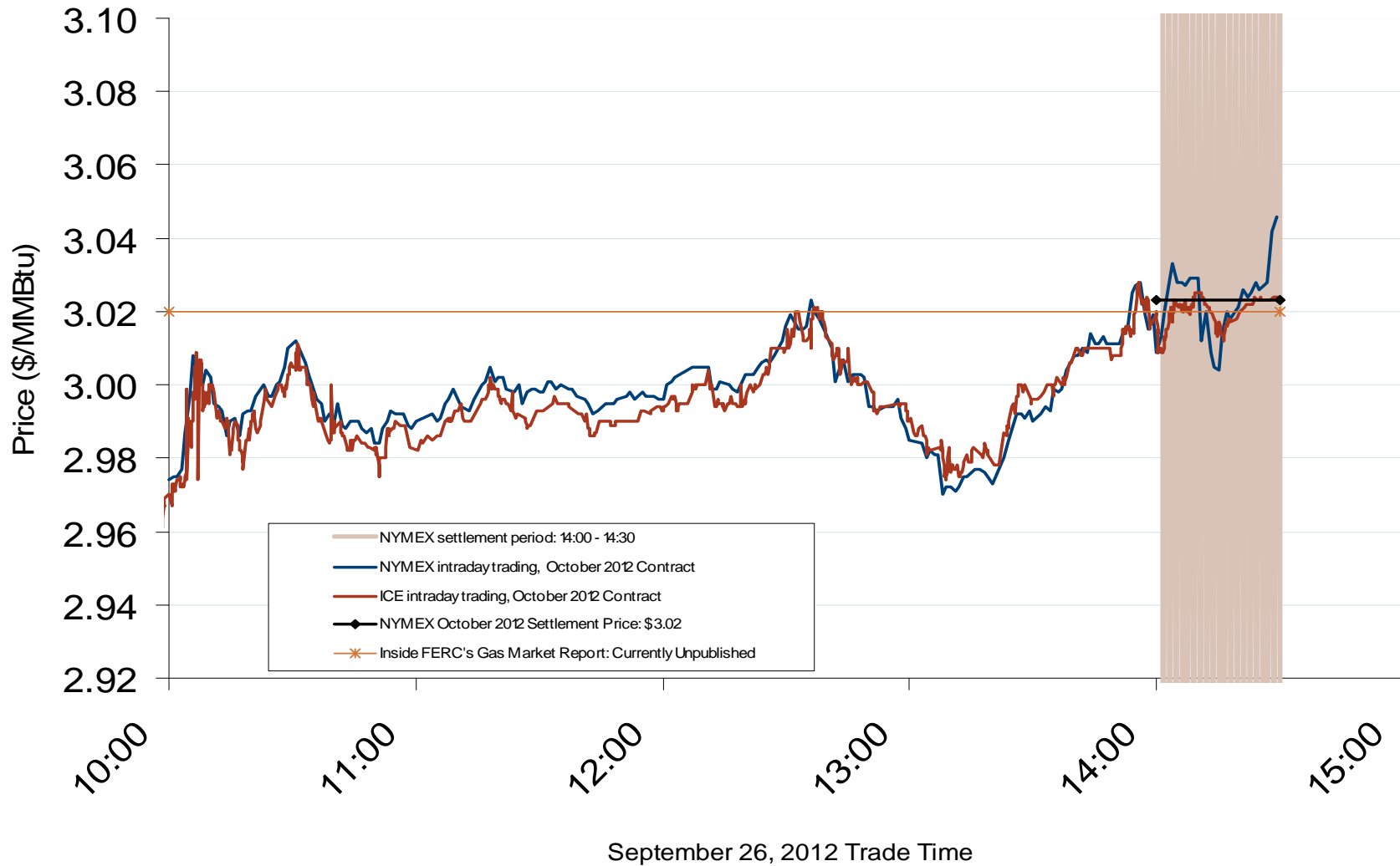
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Daily Physical Index Price & Daily Futures Settlement Price



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Nymex and ICE Contract Final Settlement - September 2012



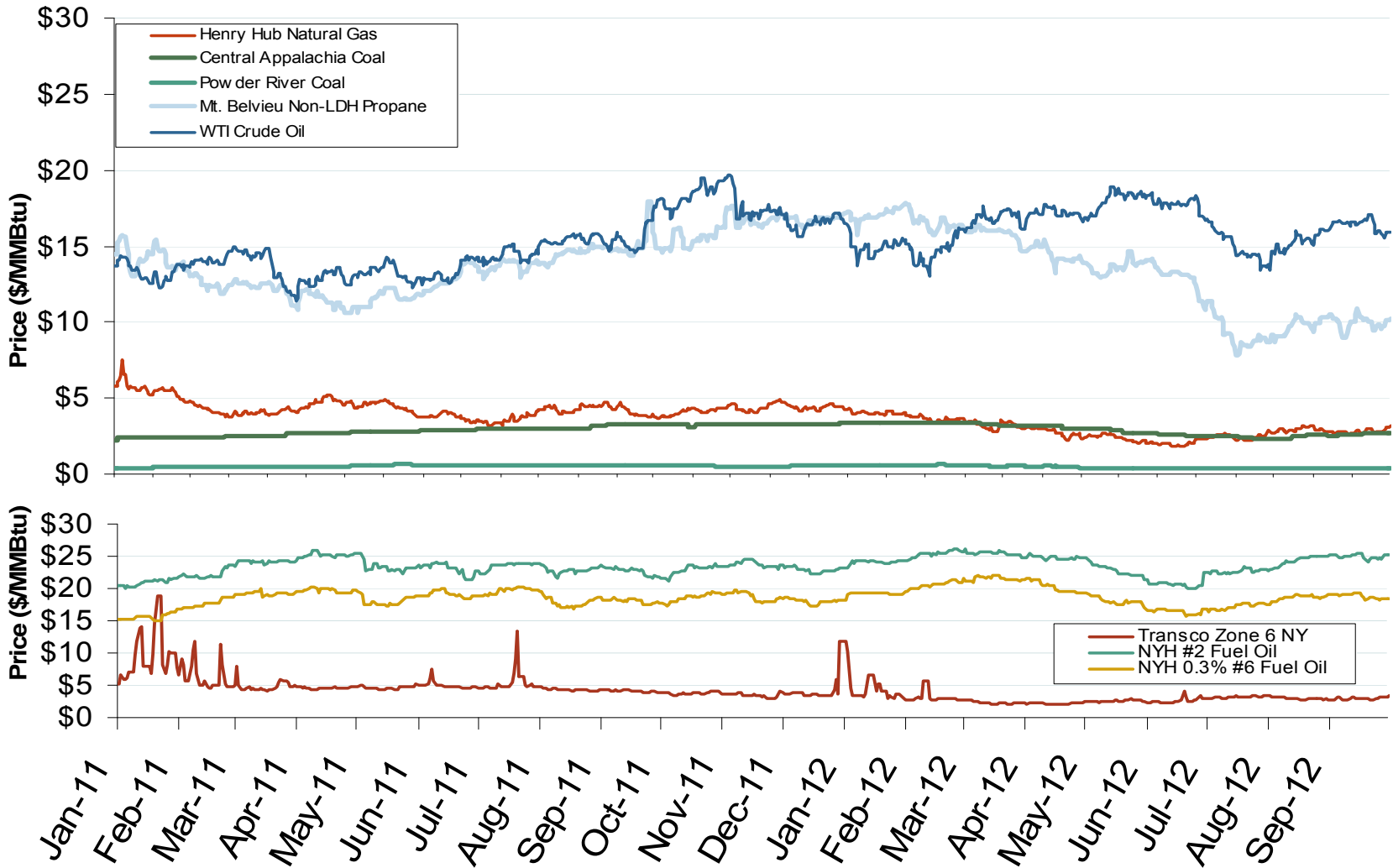
Notes: The final settlement day for this Nymex contract is three business days before the start of the contract term (which is the 1st day of the month)

Source: Derived from *Nymex* and *ICE* data
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Updated: October 5, 2012

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Oil, Coal, Natural Gas and Propane Daily Spot Prices



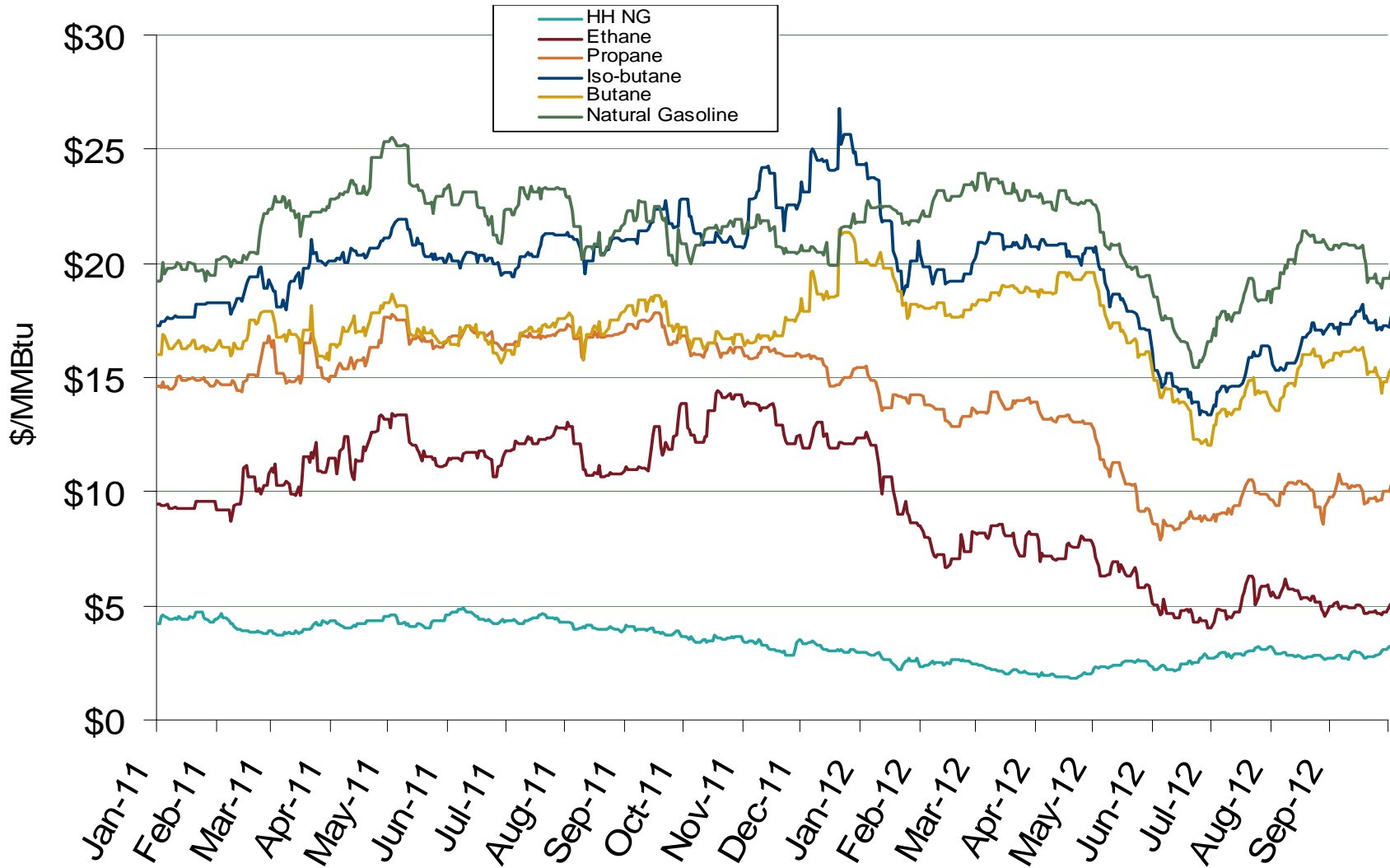
Notes: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal

Source: Derived from ICE and Bloomberg data

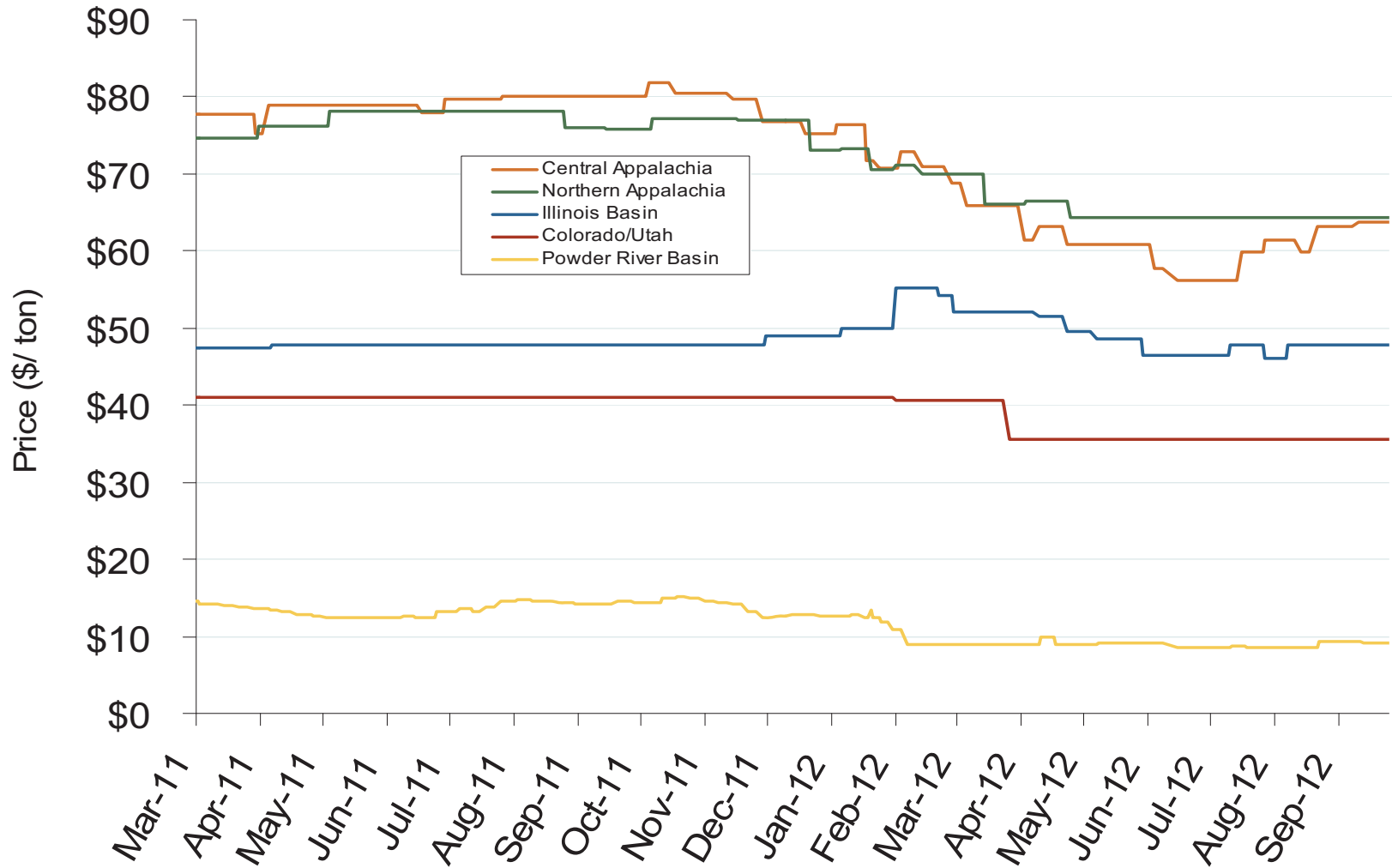
Updated: October 05, 2012

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



Central Appalachian and Powder River Basin Coal Prices



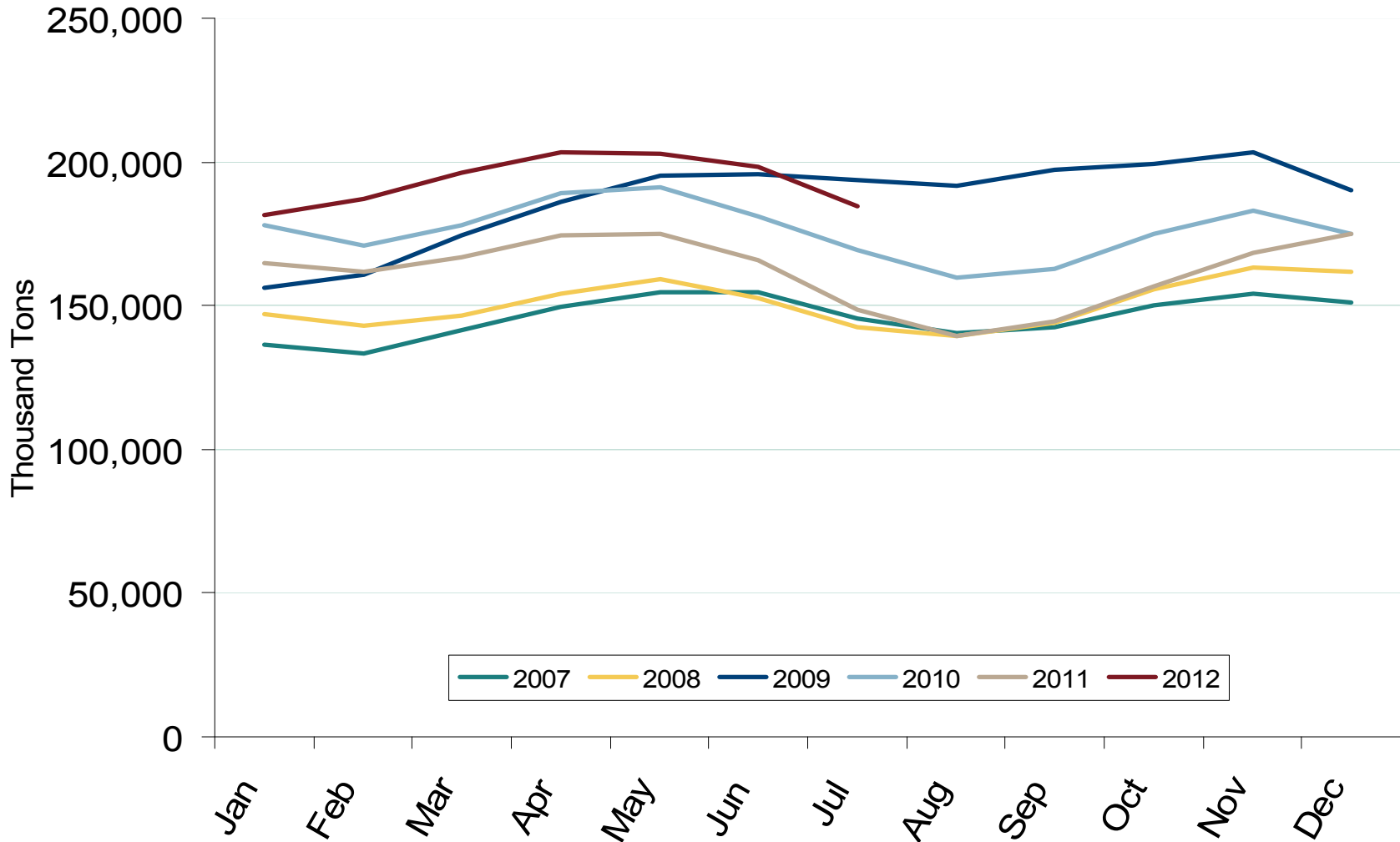
Notes: The Central Appalachian (CAPP) coal is priced at Big Sandy. All others are mine mouth prices. Prices do not include transportation costs to a plant, as those can vary widely by contract specifications. Prices exclude incremental cost of emissions allowances

Source: Derived from Bloomberg data

Updated: October 05, 2012

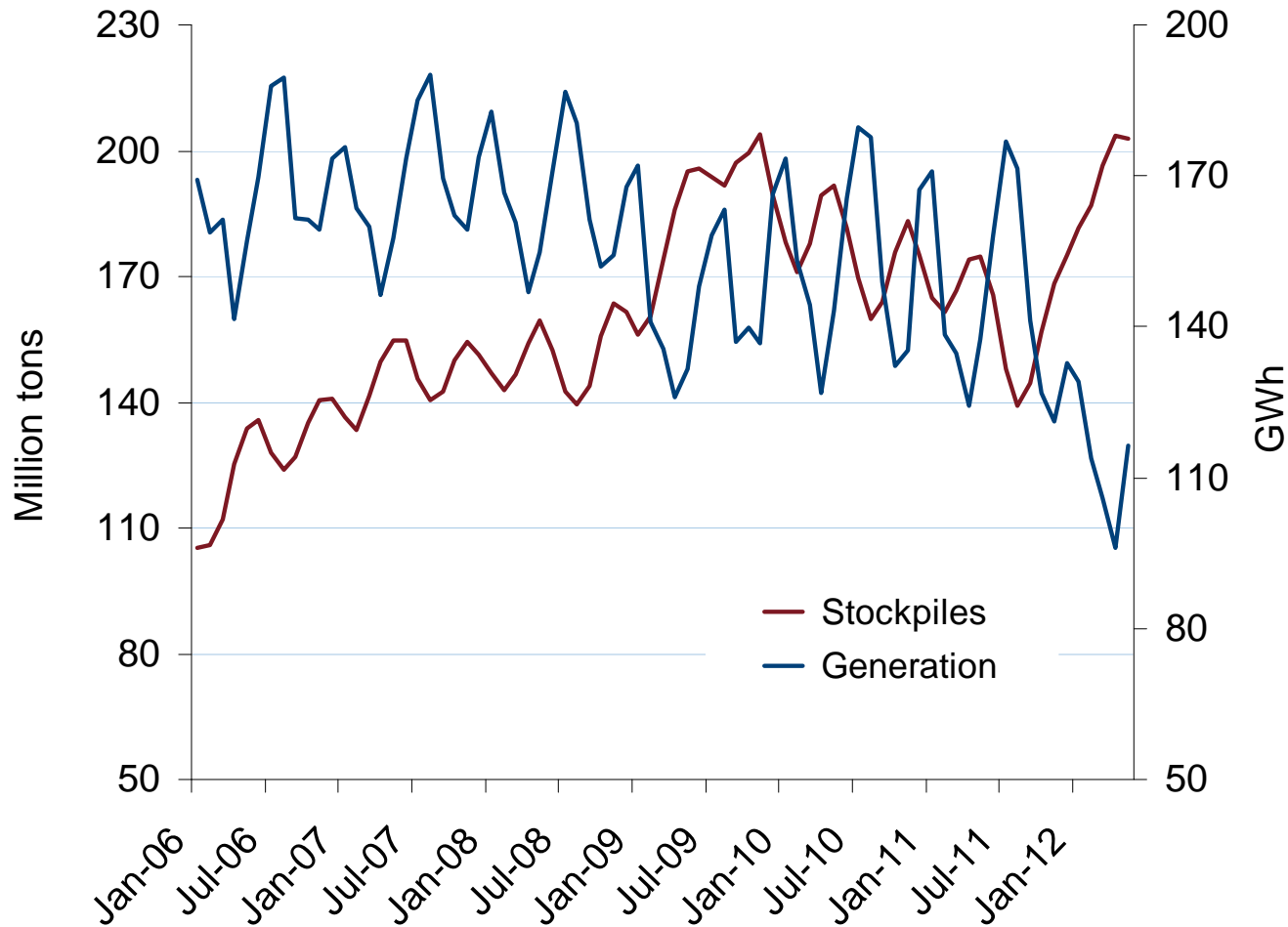
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U.S. Coal Stockpiles at Electric Power Generating Facilities



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

U.S. Coal Stockpiles and Generation



Source: Derived from Energy Information Administration data

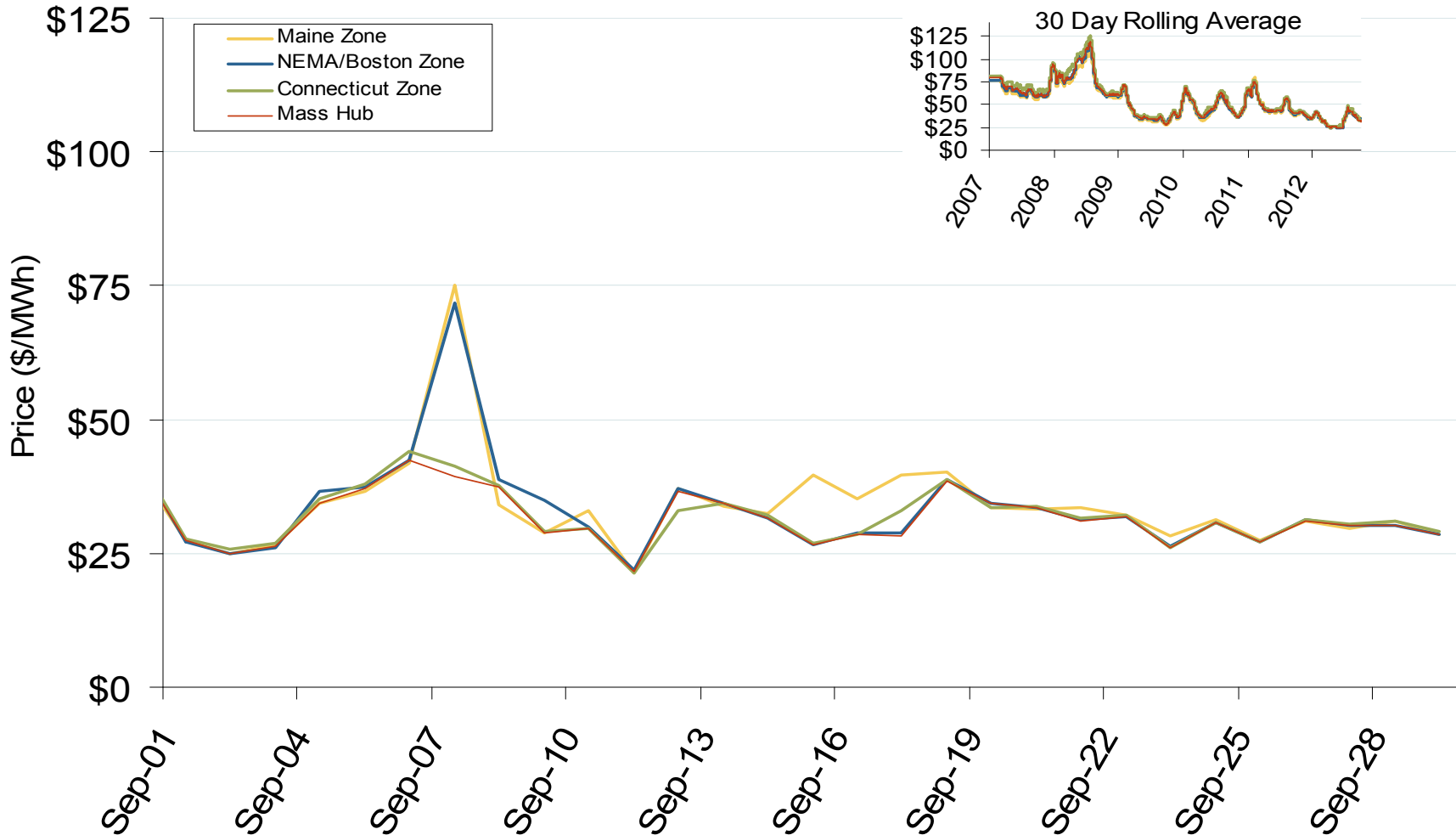
Updated September 2012



Electricity Markets

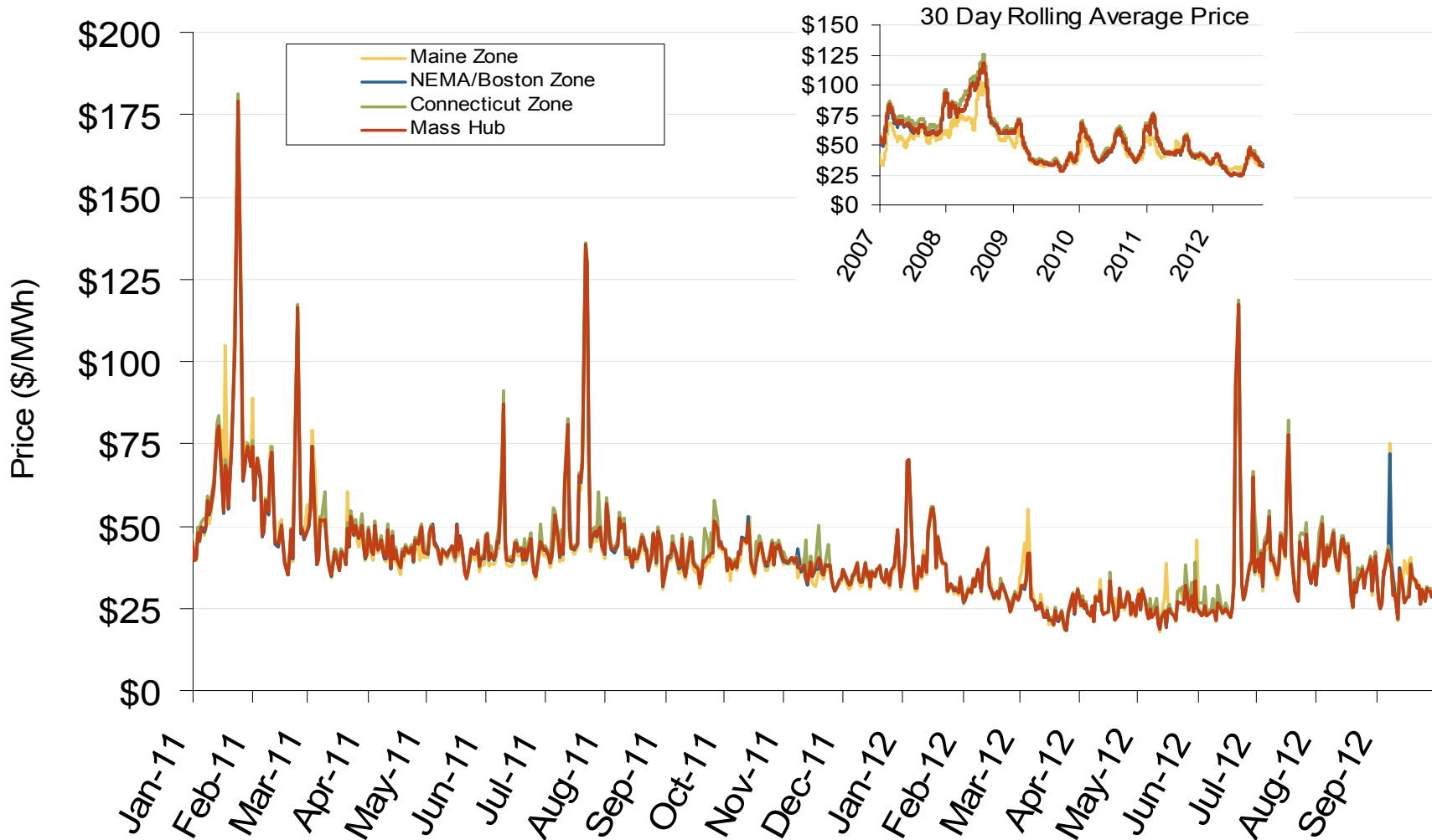
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Daily Average of ISO-NE Day-Ahead Prices - All Hours



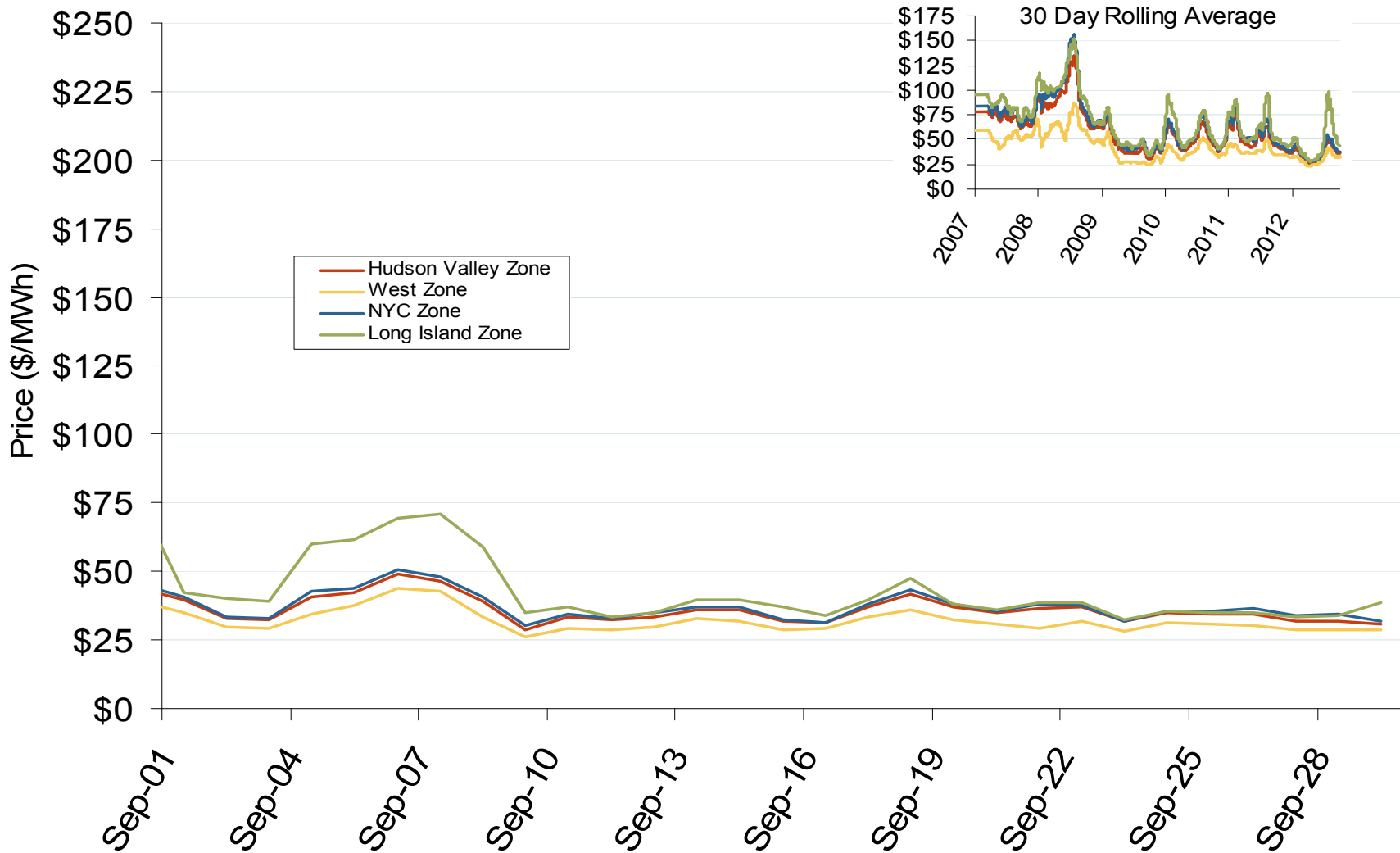
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Daily Average of ISO-NE Day-Ahead Prices - All Hours



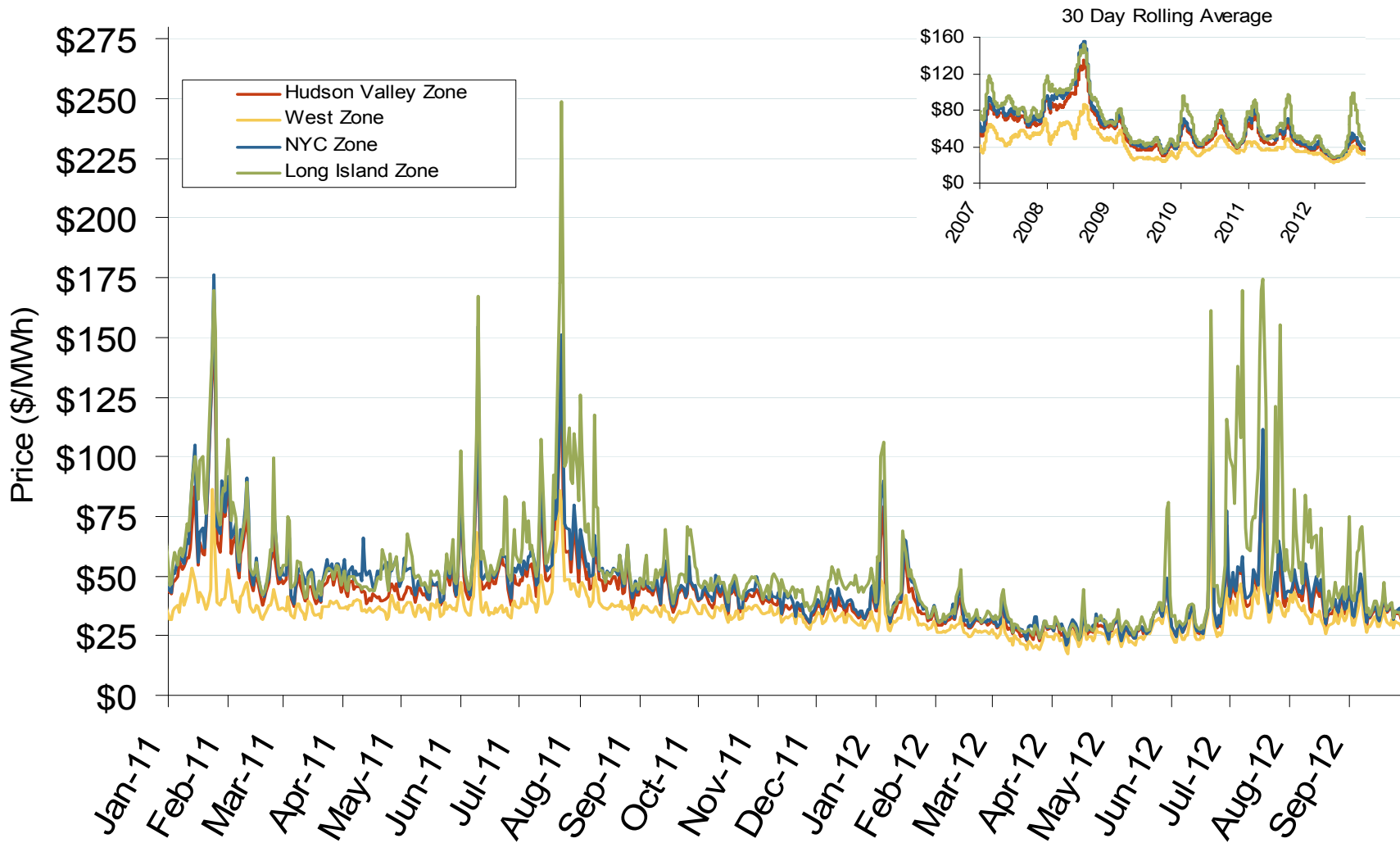
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Daily Average of NYISO Day-Ahead Prices - All Hours



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Daily Average of NYISO Day-Ahead Prices - All Hours



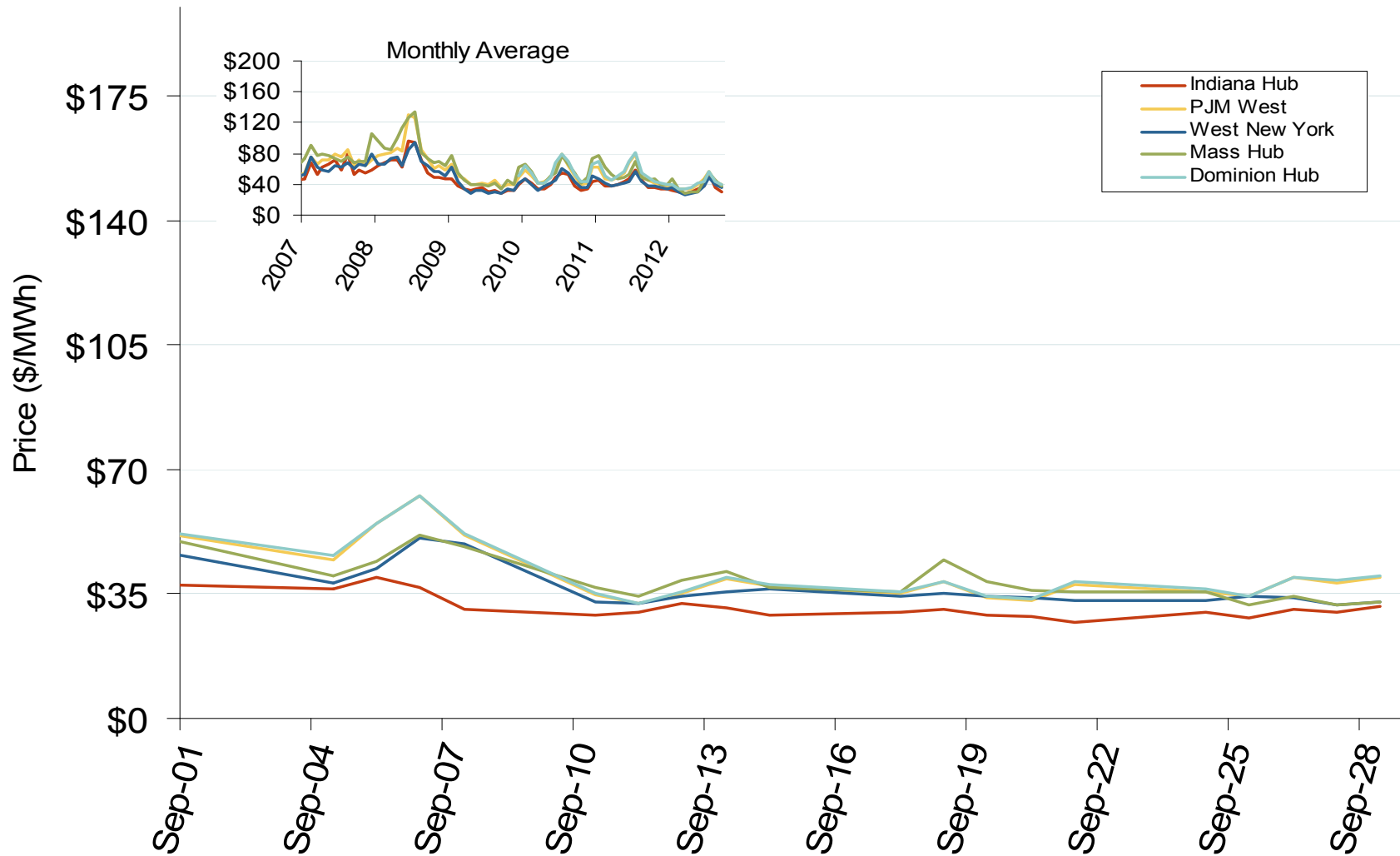
Notes: ICE on-peak forward (physical) and swap (financial) volumes are for the Neeport Mass Hub and include monthly, dual monthly, quarterly, and calendar year contracts traded for each month

Source: Derived from Bloomberg data

Updated: October 02, 2012

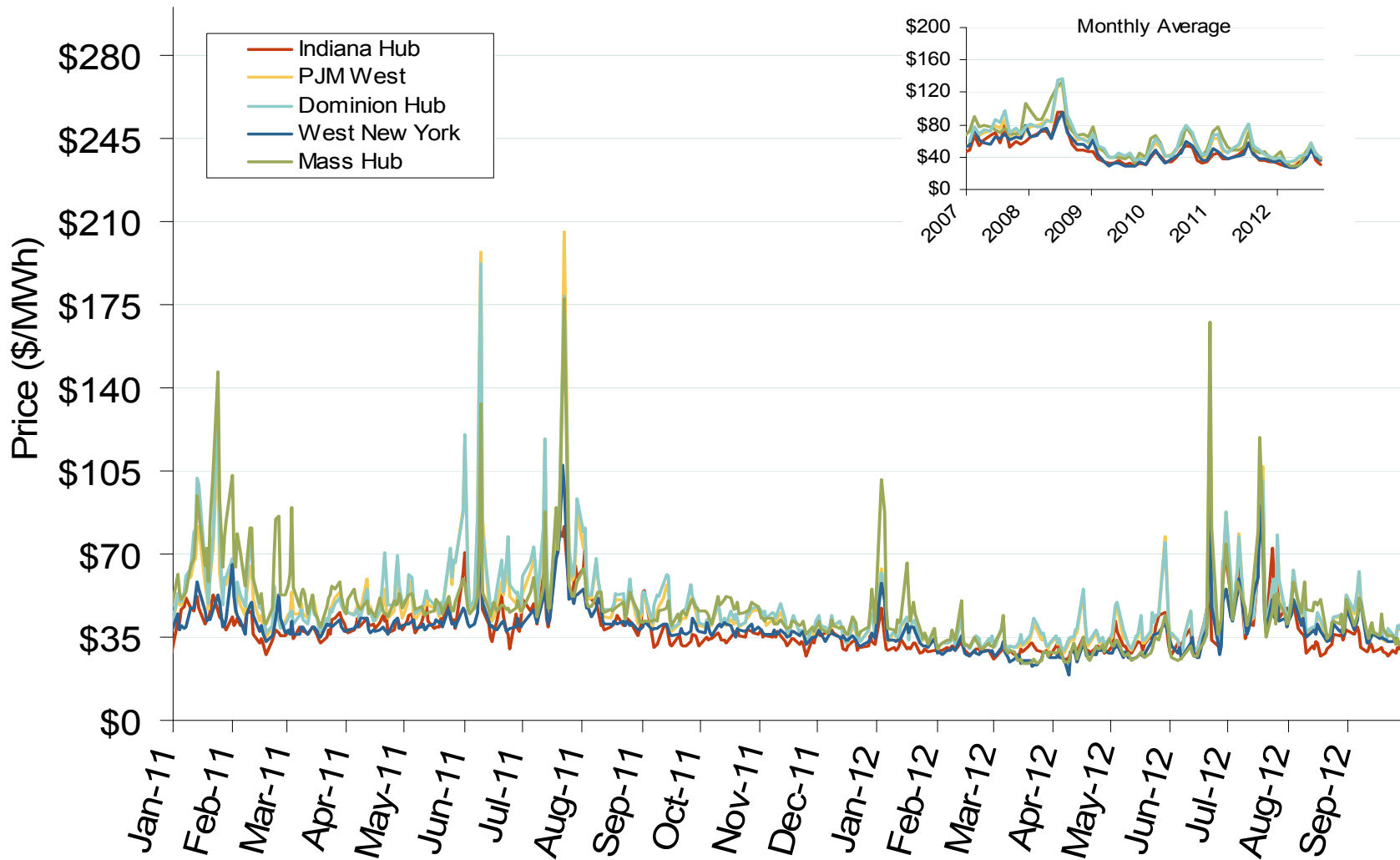
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Eastern Daily Index Day-Ahead On-Peak Prices



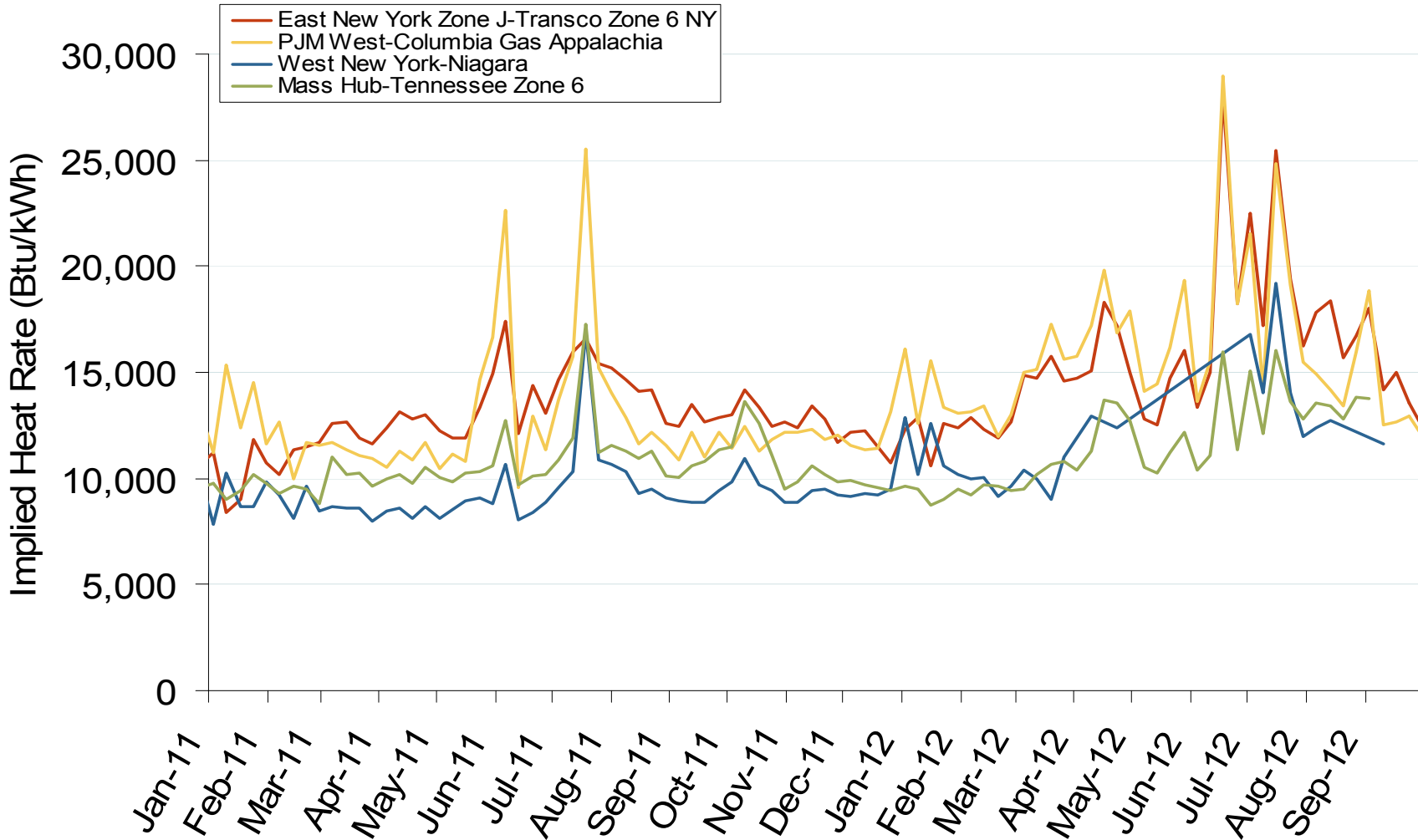
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Eastern Daily Index Day-Ahead On-Peak Prices



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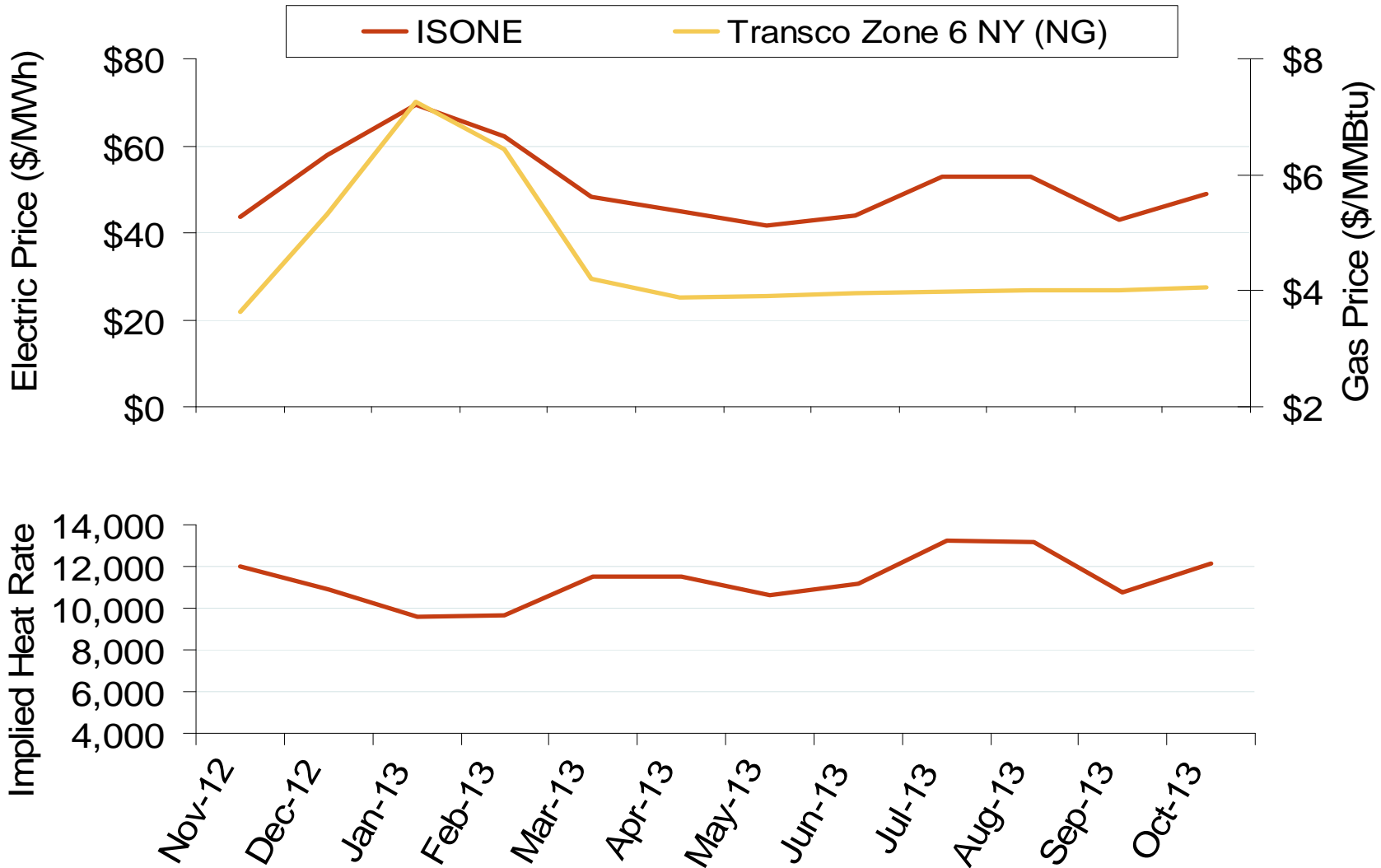
Implied Heat Rates at Eastern Trading Points - Weekly Avgs.



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

Updated: October 01, 2012

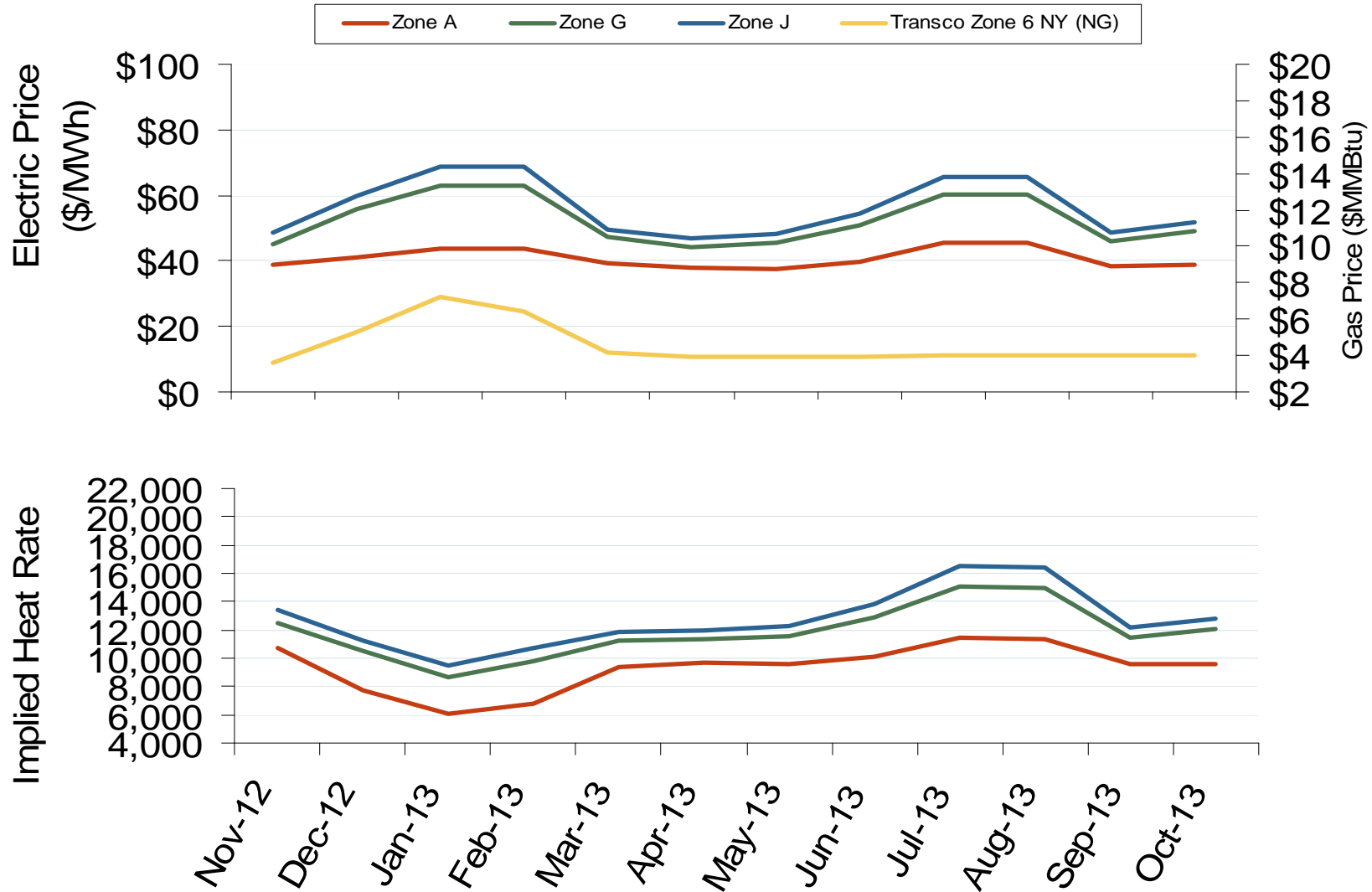
New England Electric Forward Price Curves and Implied Heat Rate



Source: Derived from Nymex data

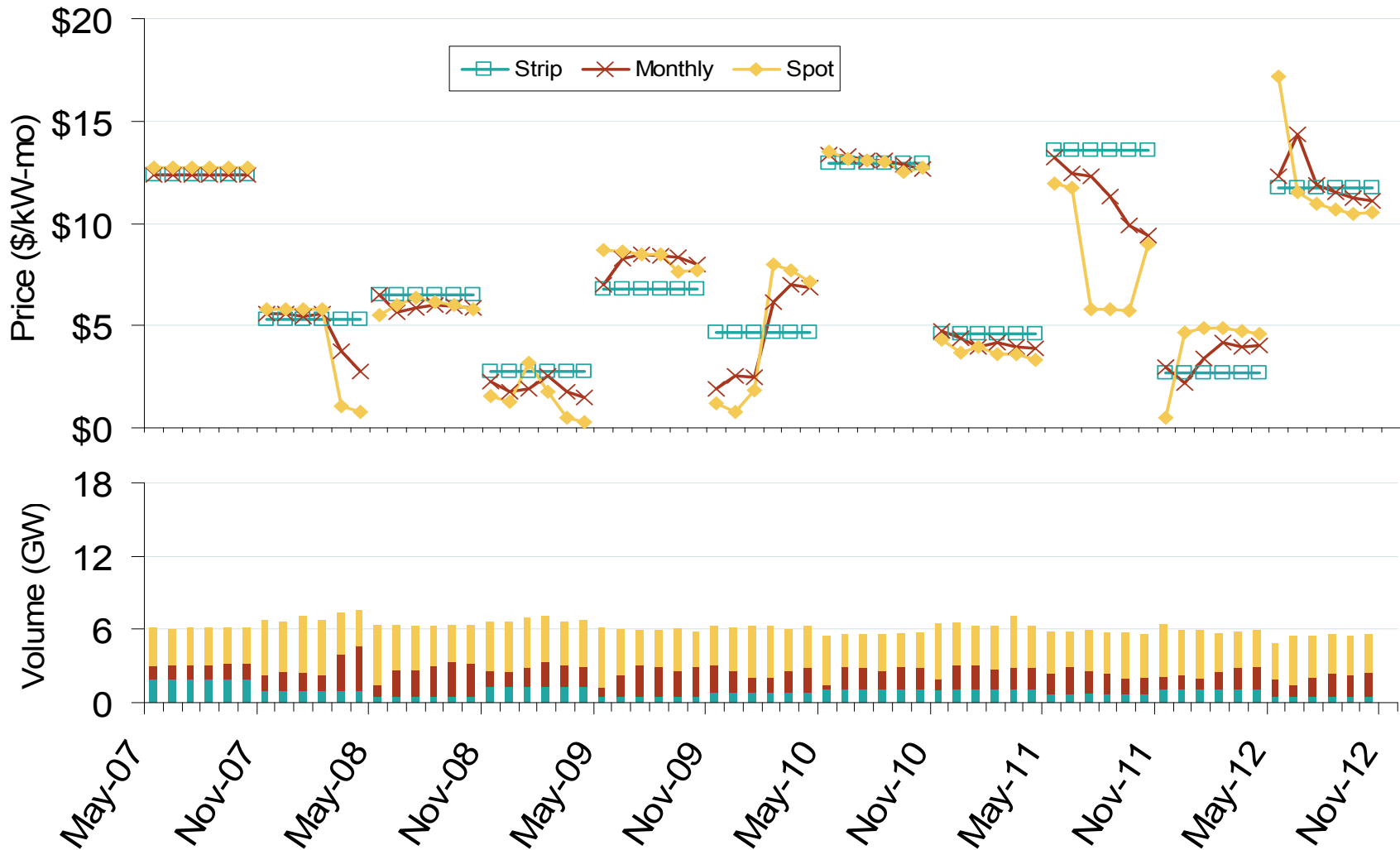
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New York Electric Forward Price Curves and Implied Heat Rates

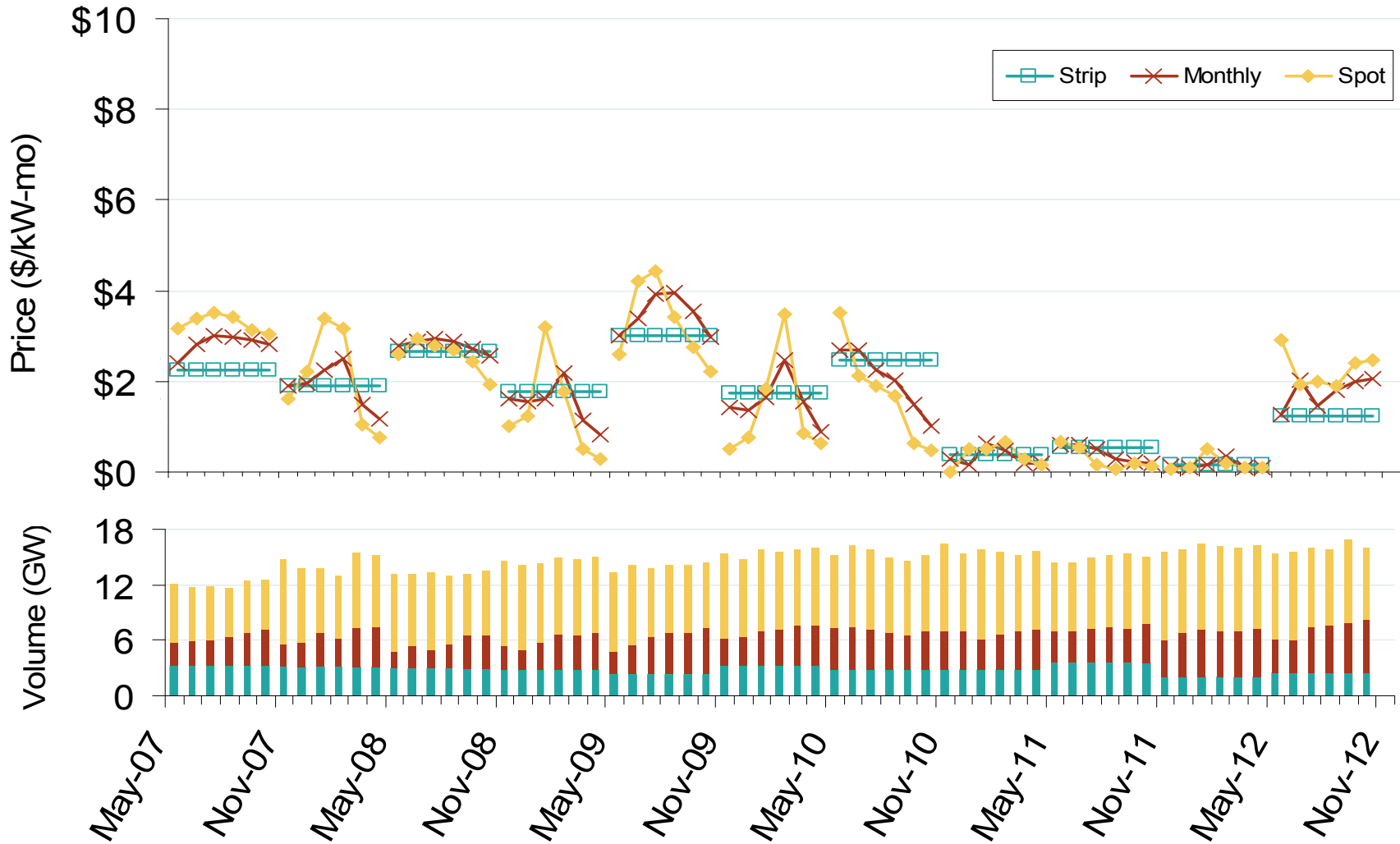


Source: Derived from Nymex data

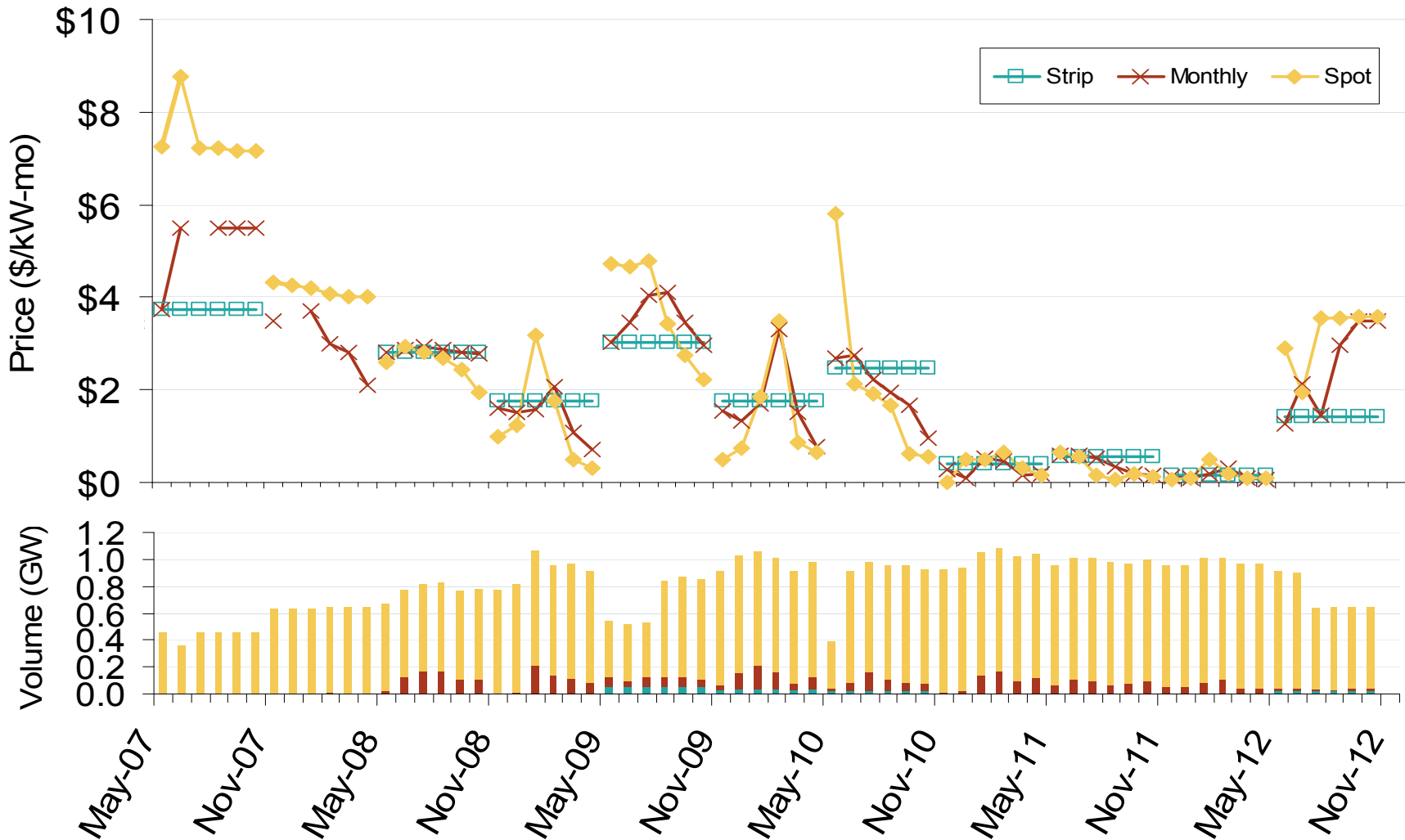
Wtd. Avg. ICAP Prices & Volumes: NYC



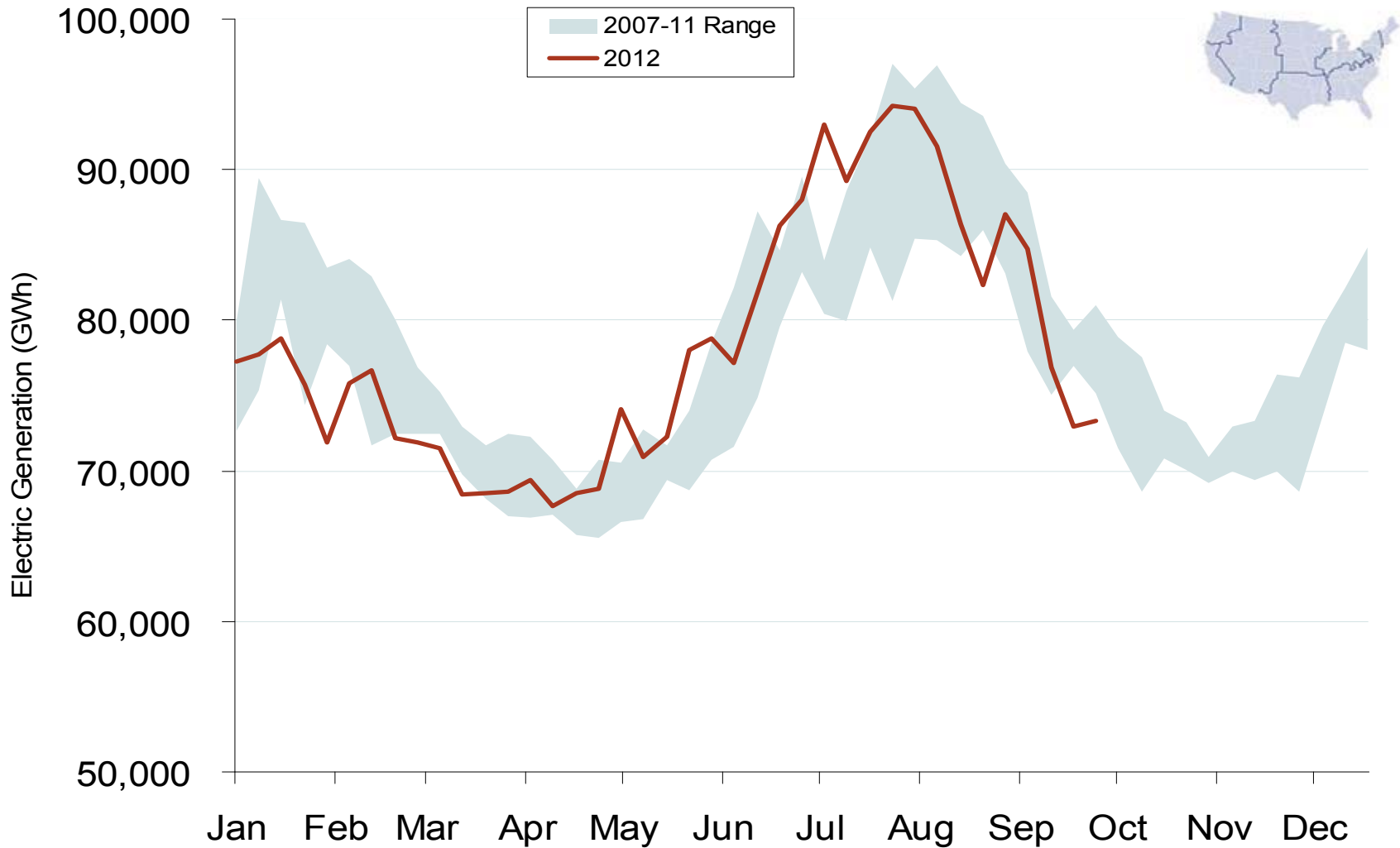
Wtd. Avg. ICAP Prices & Volumes: New York State, excluding NYC



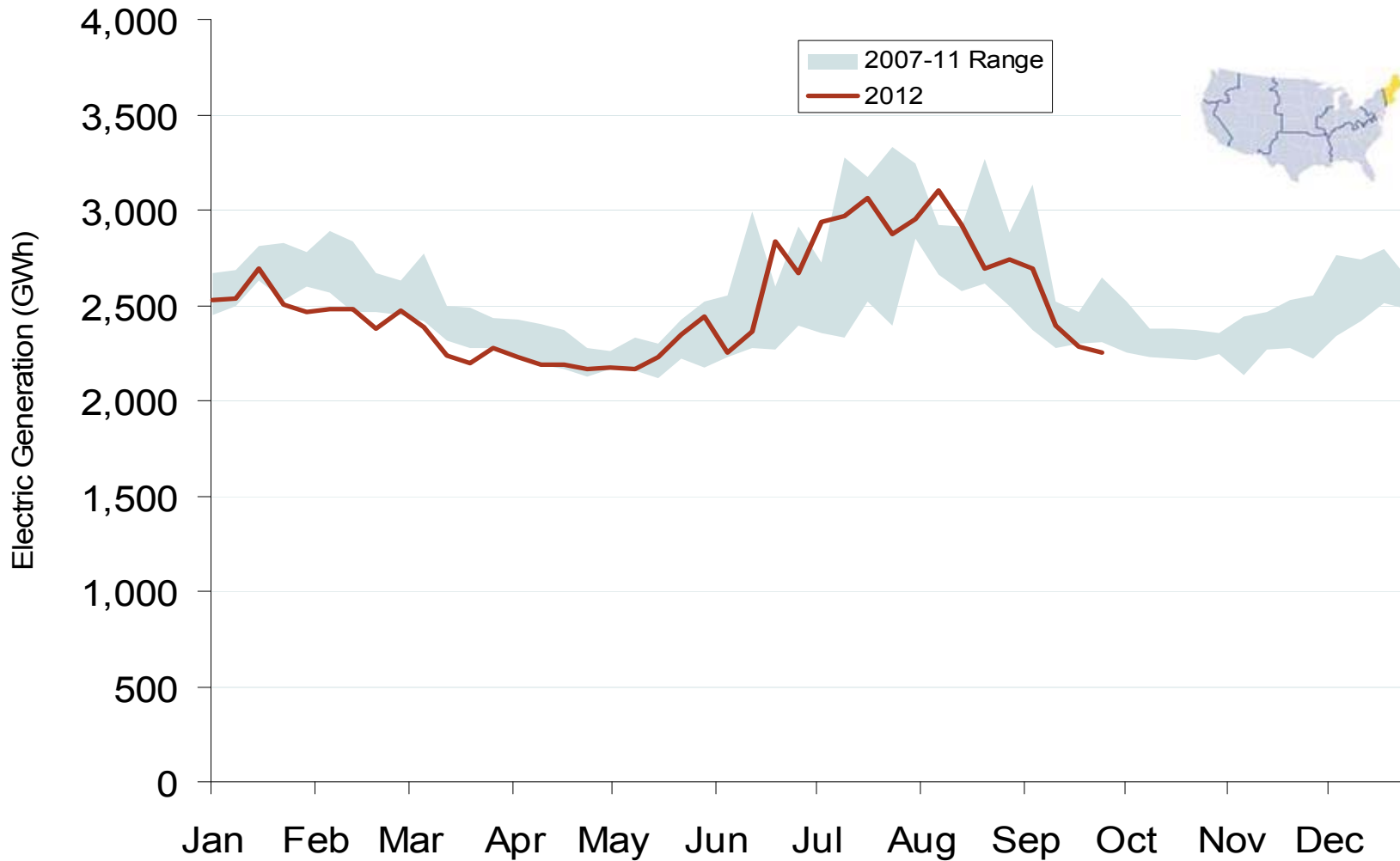
Weighted Average ICAP Clearing Prices and Volumes: Long Island



Weekly U.S. Electric Generation Output



Weekly Generation Output New England



Weekly Generation Output - Mid Atlantic

