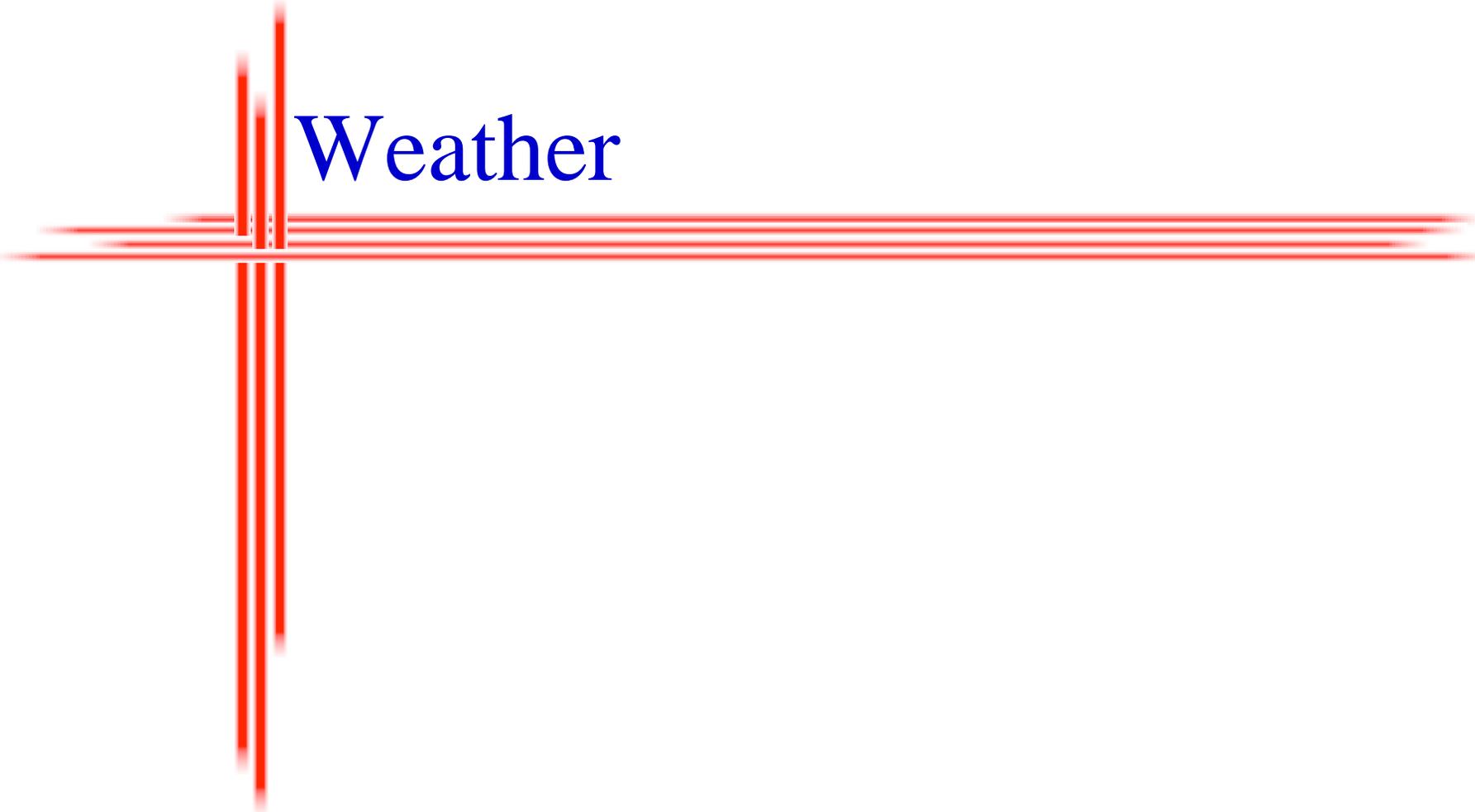


OE ENERGY MARKET SNAPSHOT

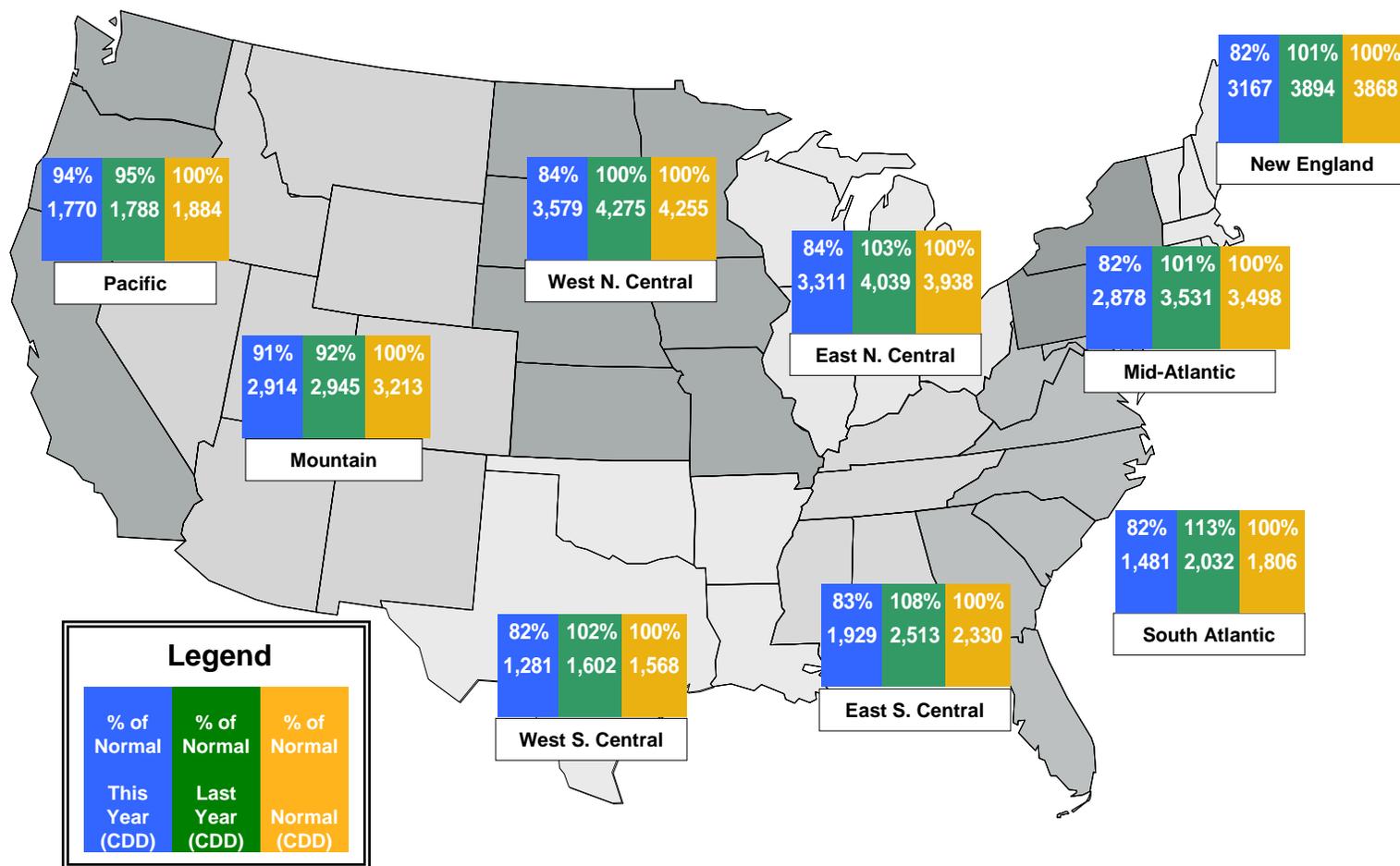
Mid-Atlantic States Version – January 2012 Data

Office of Enforcement
Federal Energy Regulatory Commission
February 2012



Weather

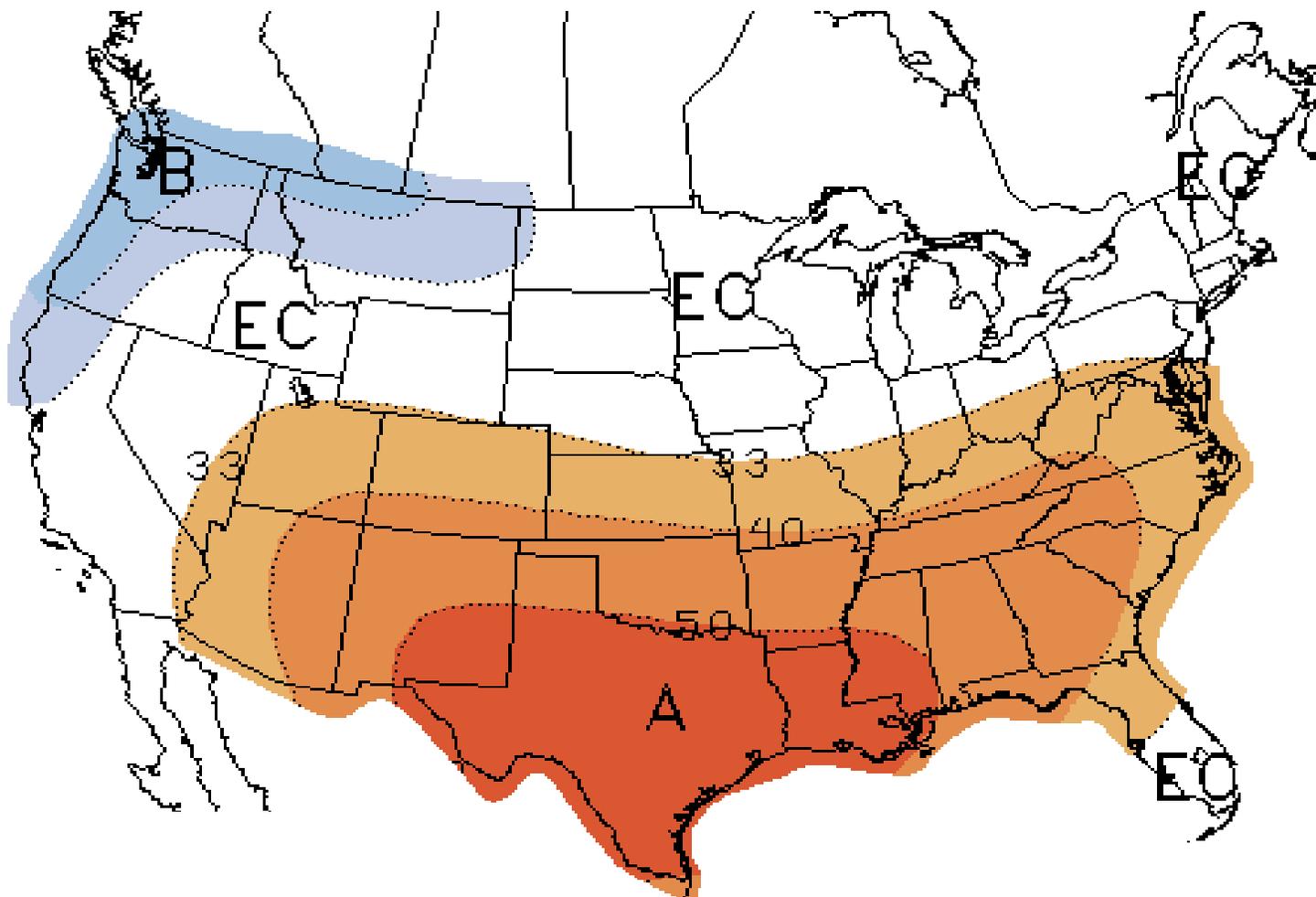
Regional Heating Degree Days – July 2011 to January 2012



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

Updated February 8, 2012

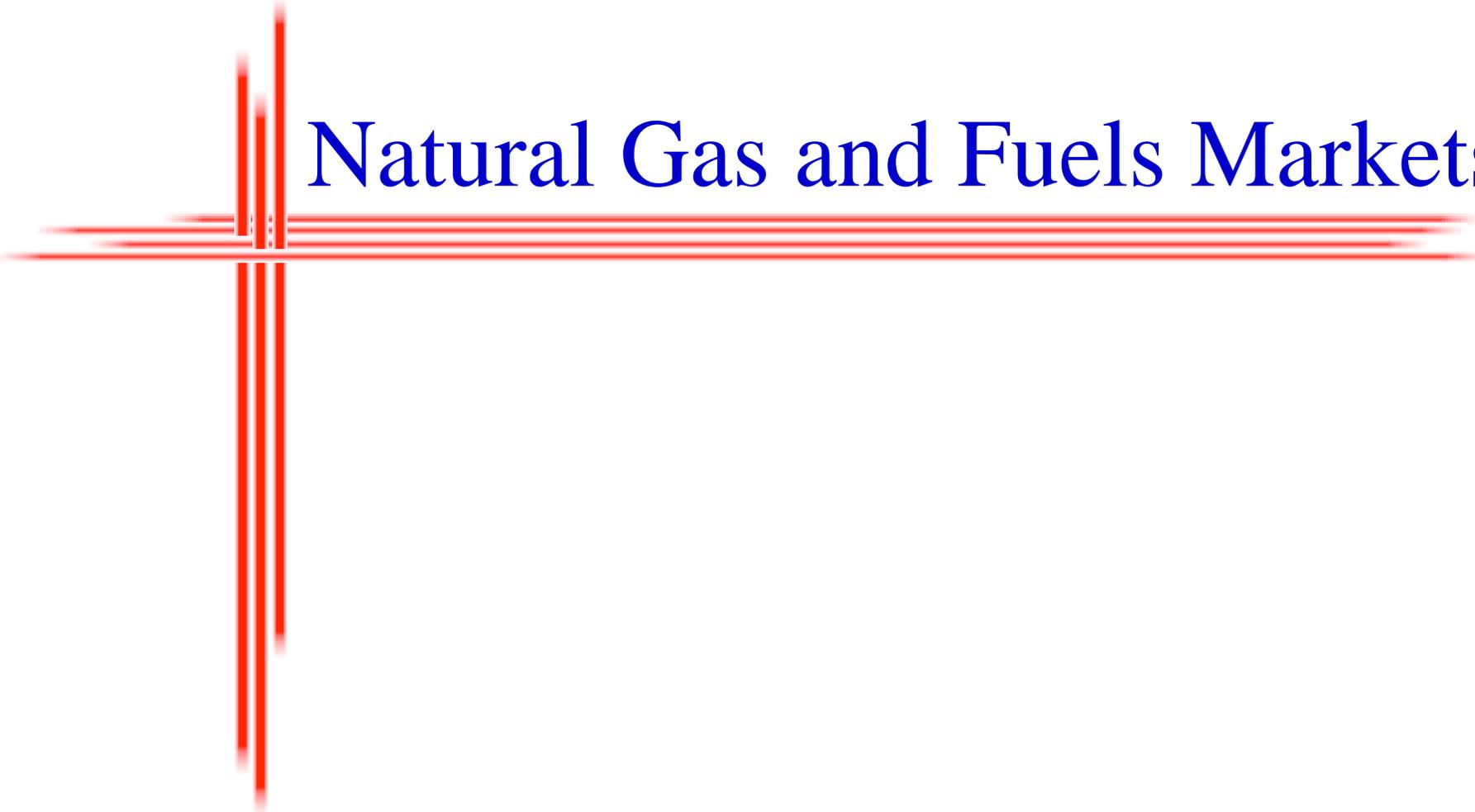
NOAA's 3 Month Temperature Forecast Made January 19, 2012, Valid for February 2012 – April 2012



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.

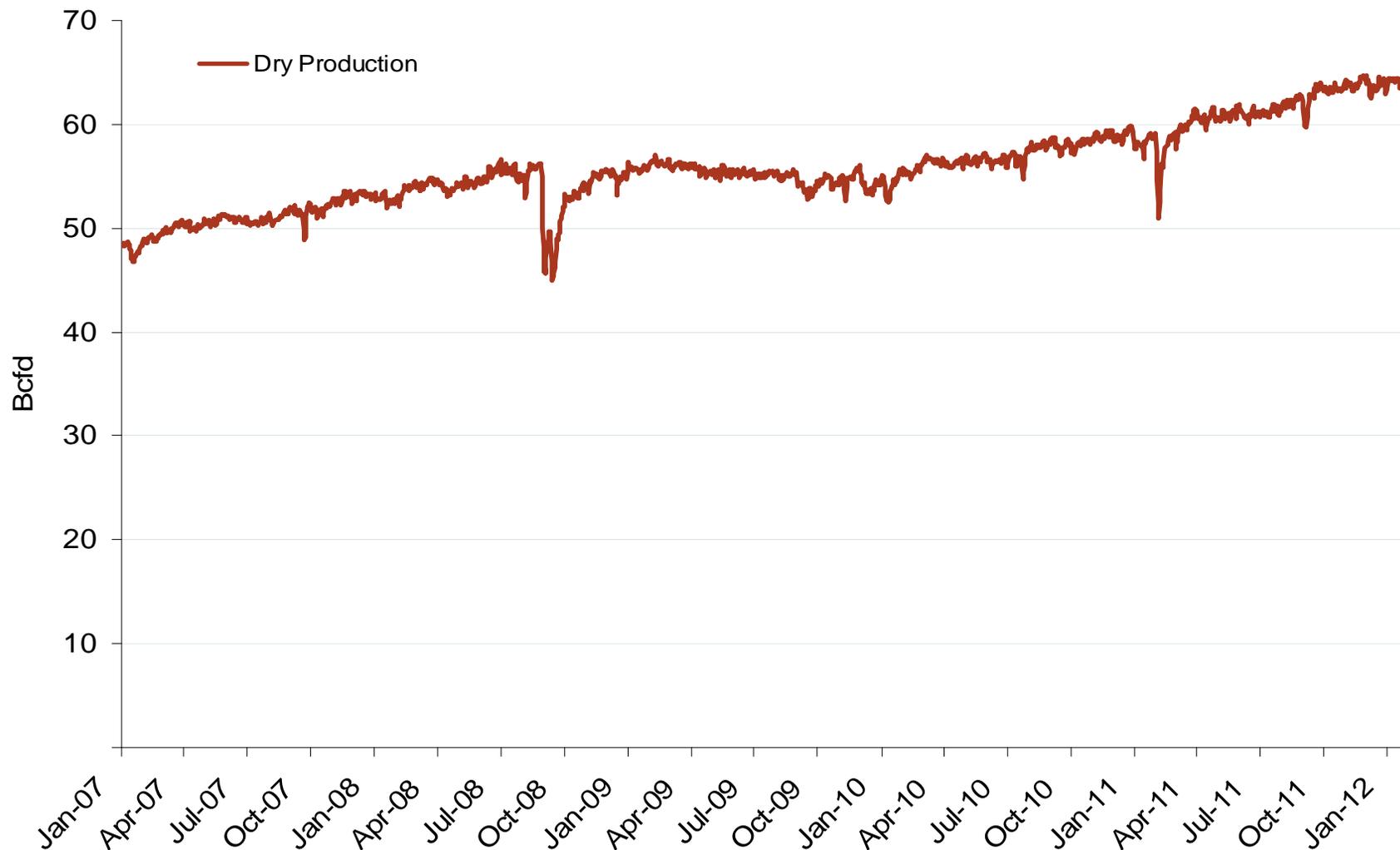
Source: Derived from NOAA data.

Updated: February 8, 2012



Natural Gas and Fuels Markets

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



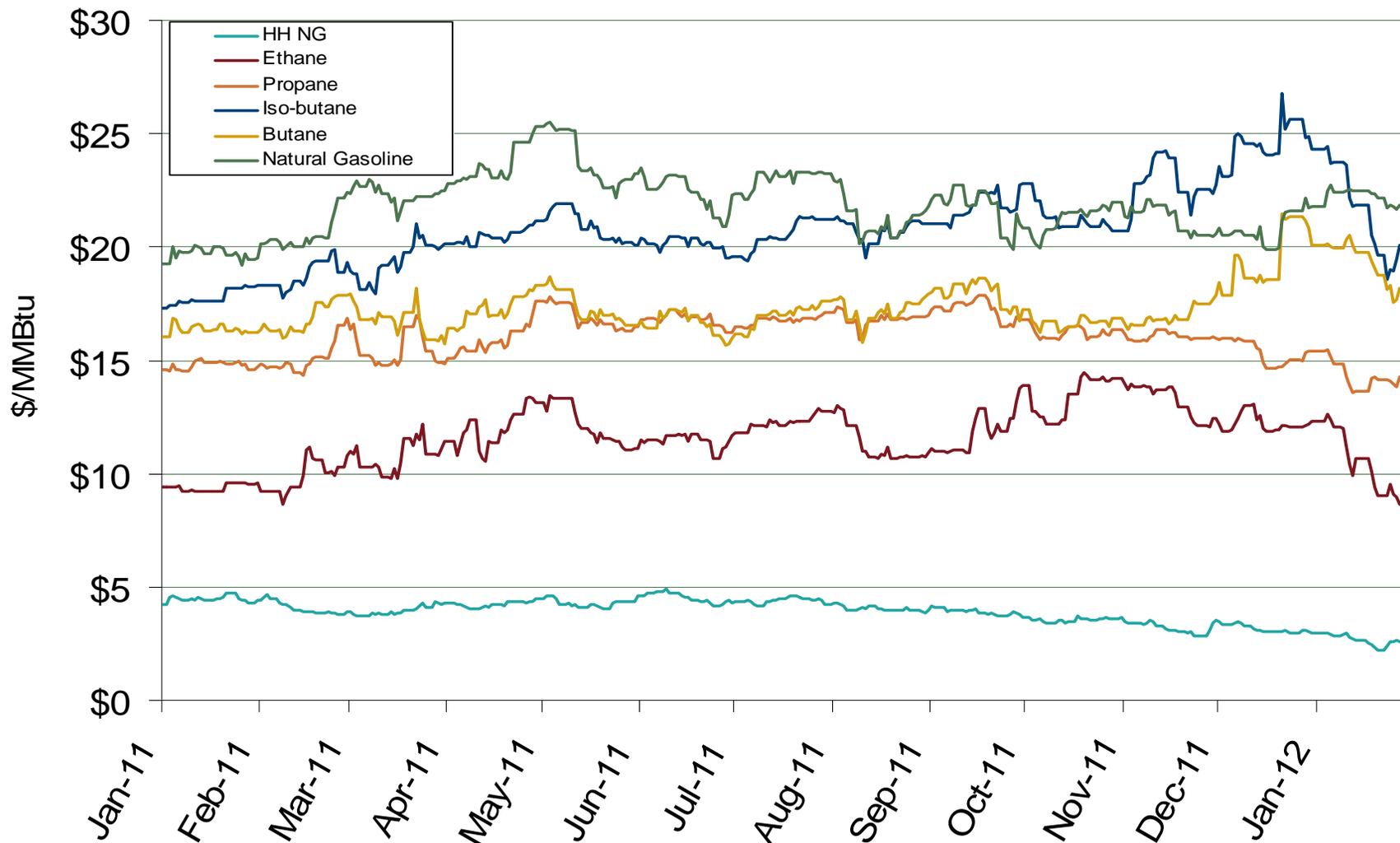
Note: Prior to July 2010, chart was derived from a combination of EIA and Bentek Energy data

Source: Derived from Bentek Energy data

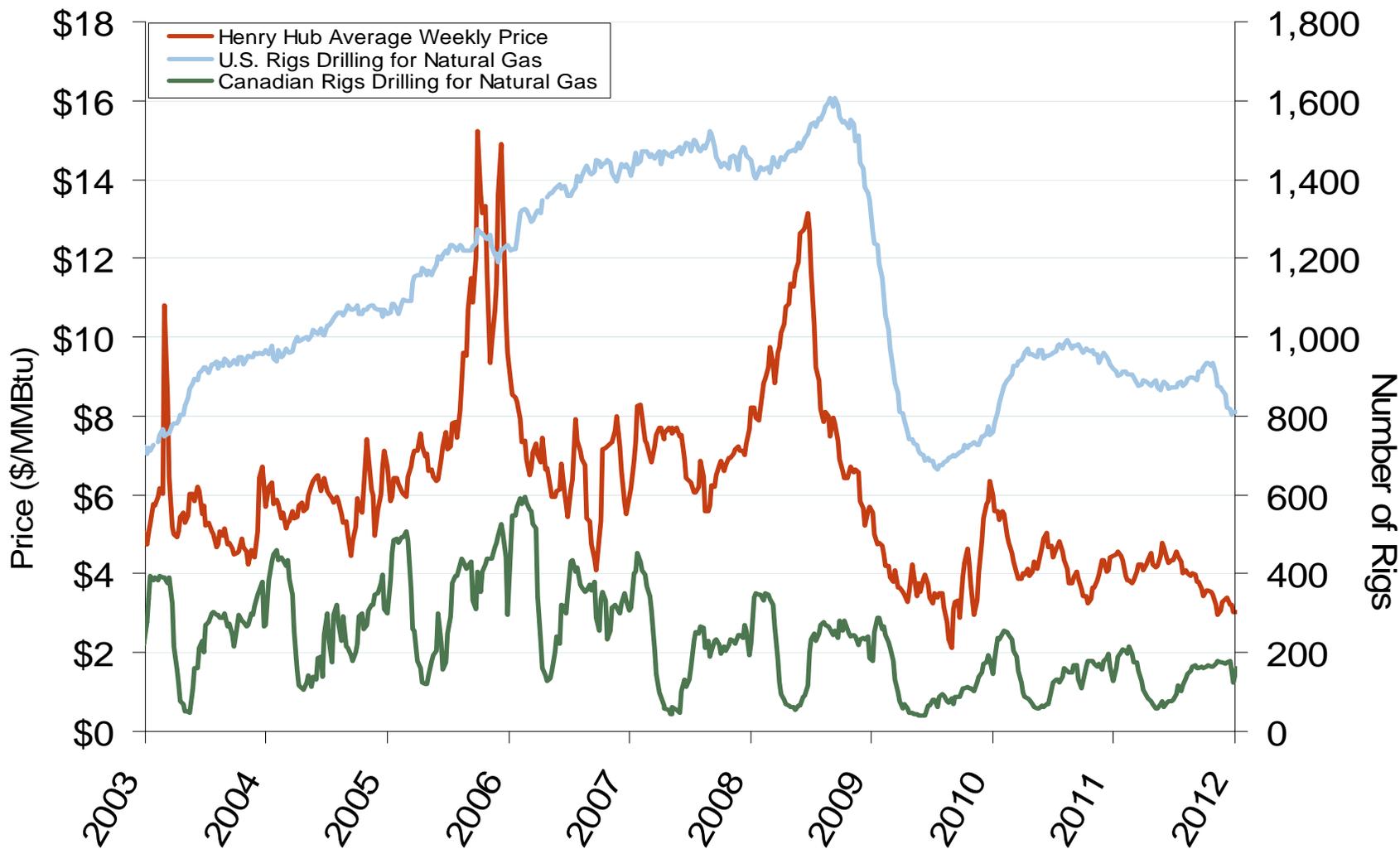
February 2012 MidAtlantic Snapshot

Updated: February 21, 2012

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



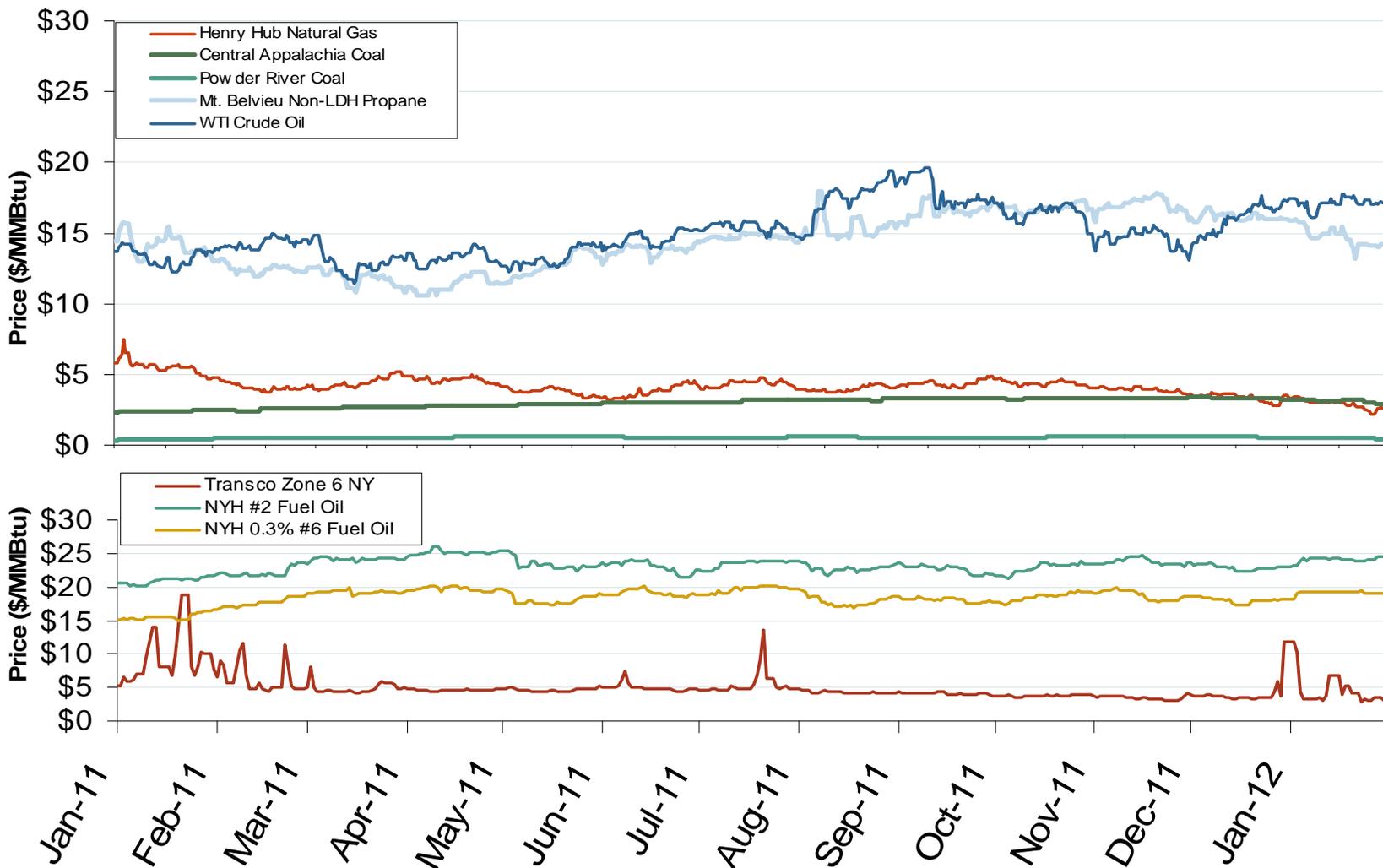
U.S. and Canadian NG Drilling Rig Count and Daily Spot Prices



Other Fuels Market: Fossil Fuel Prices

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

Oil, Coal, Natural Gas and Propane Daily Spot Prices



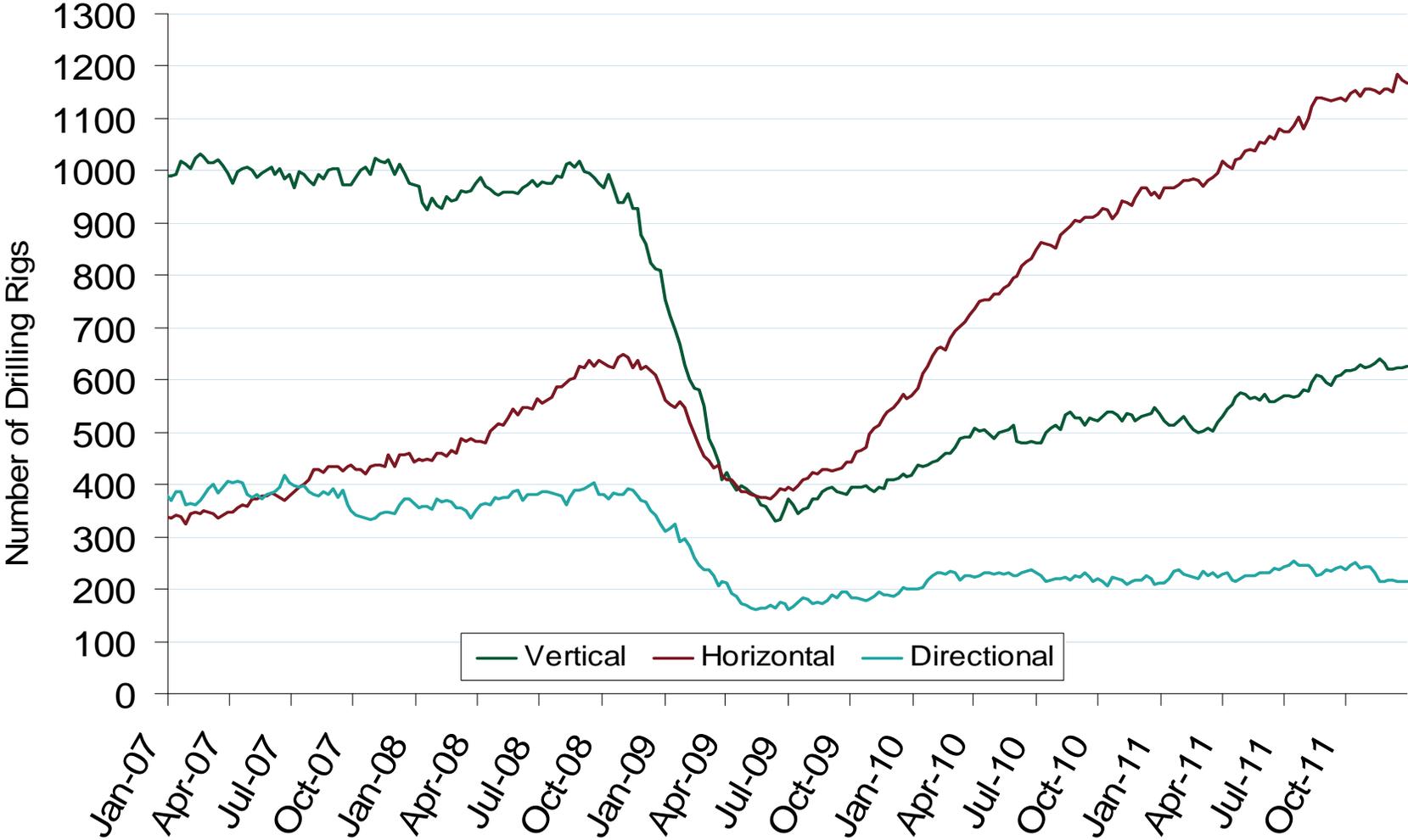
Notes: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal

Source: Derived from ICE and Bloomberg data

February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

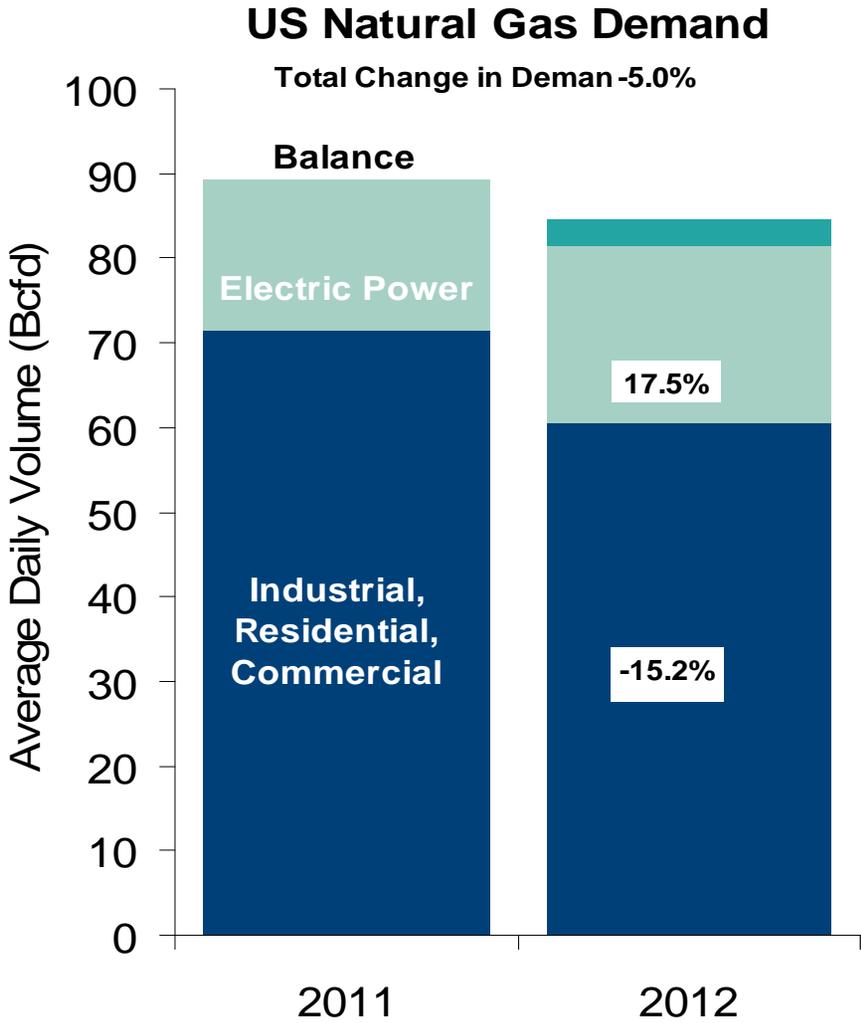
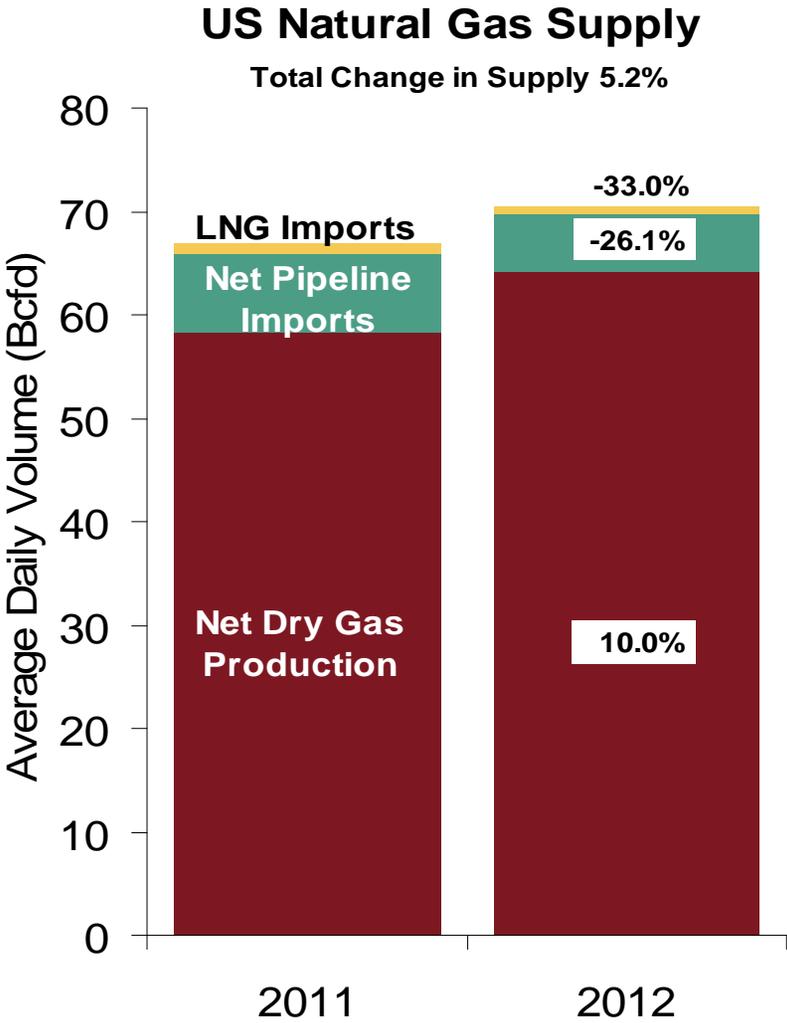
U.S. Oil and Natural Gas Drilling Rig Count by Type



Source: Derived from *Platts* and *Baker Hughes* data
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

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



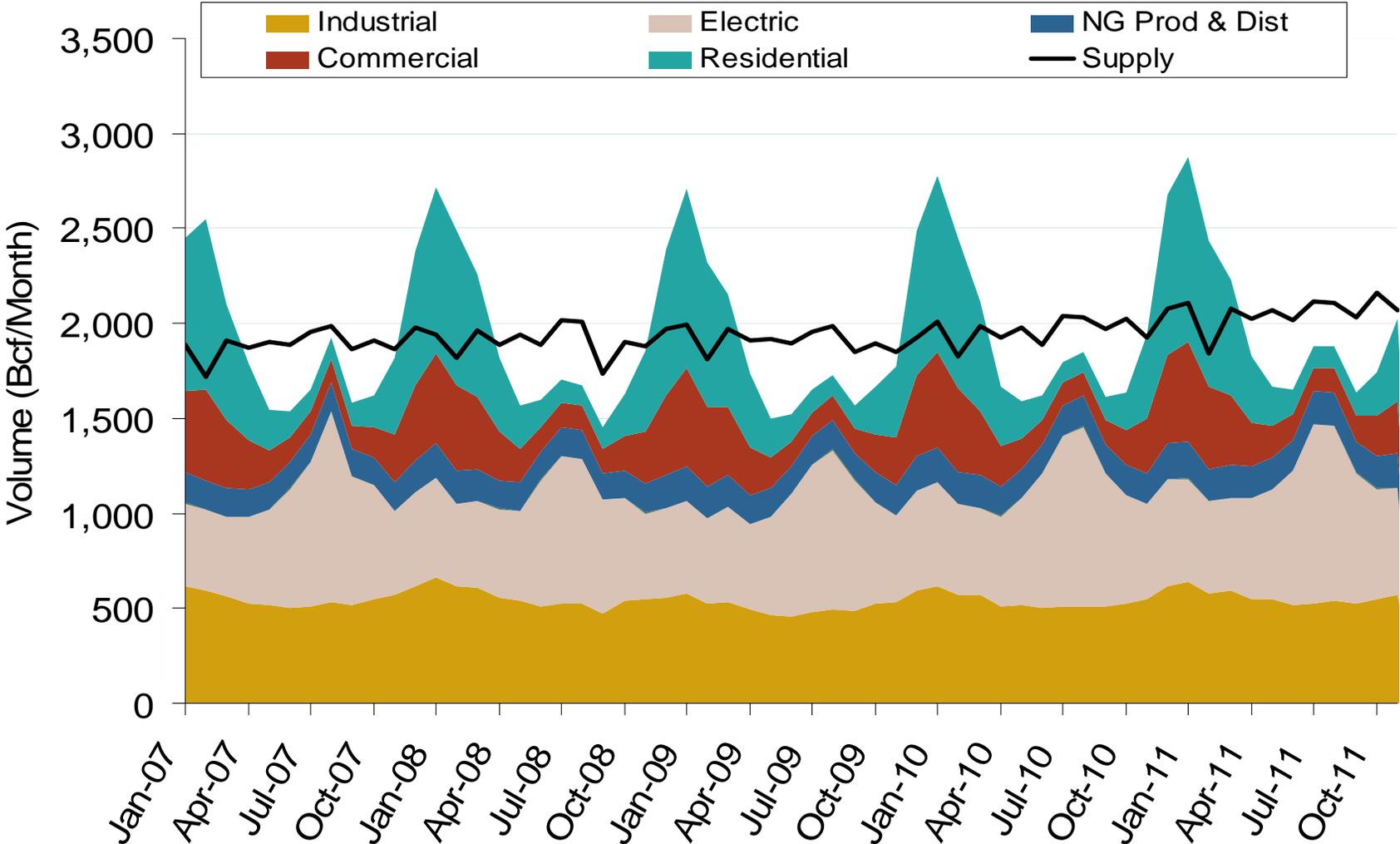
Note: Balance includes all amounts not attributable to other categories.

Source: Derived from Bentek Energy data

February 2012 MidAtlantic Snapshot

Updated: February 21, 2012

Annual U.S. Natural Gas Consumption by Sector



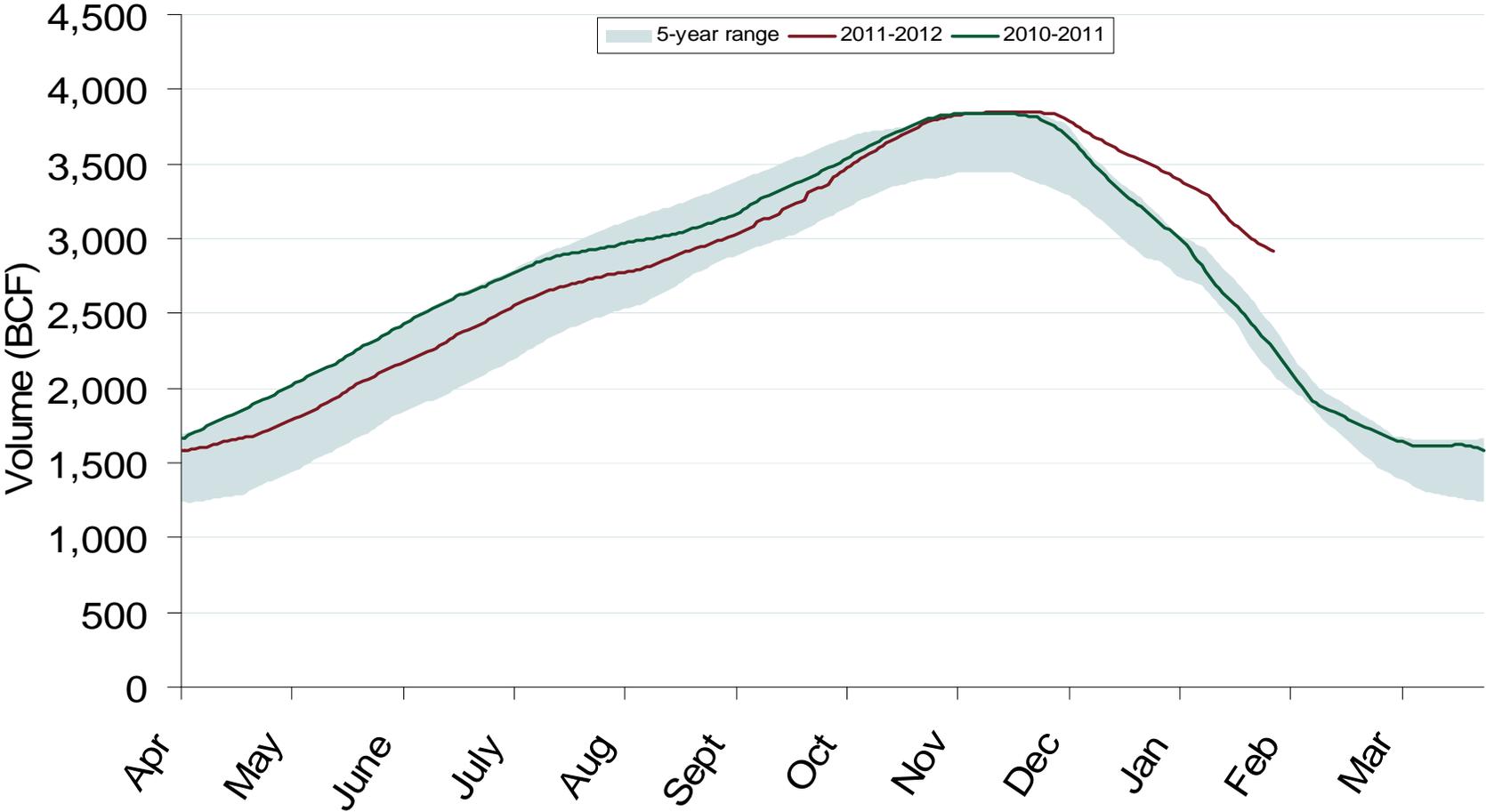
Notes: Supply includes lower 48 state production, net pipeline imports, and LNG imports

Source: Derived from EIA data

February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

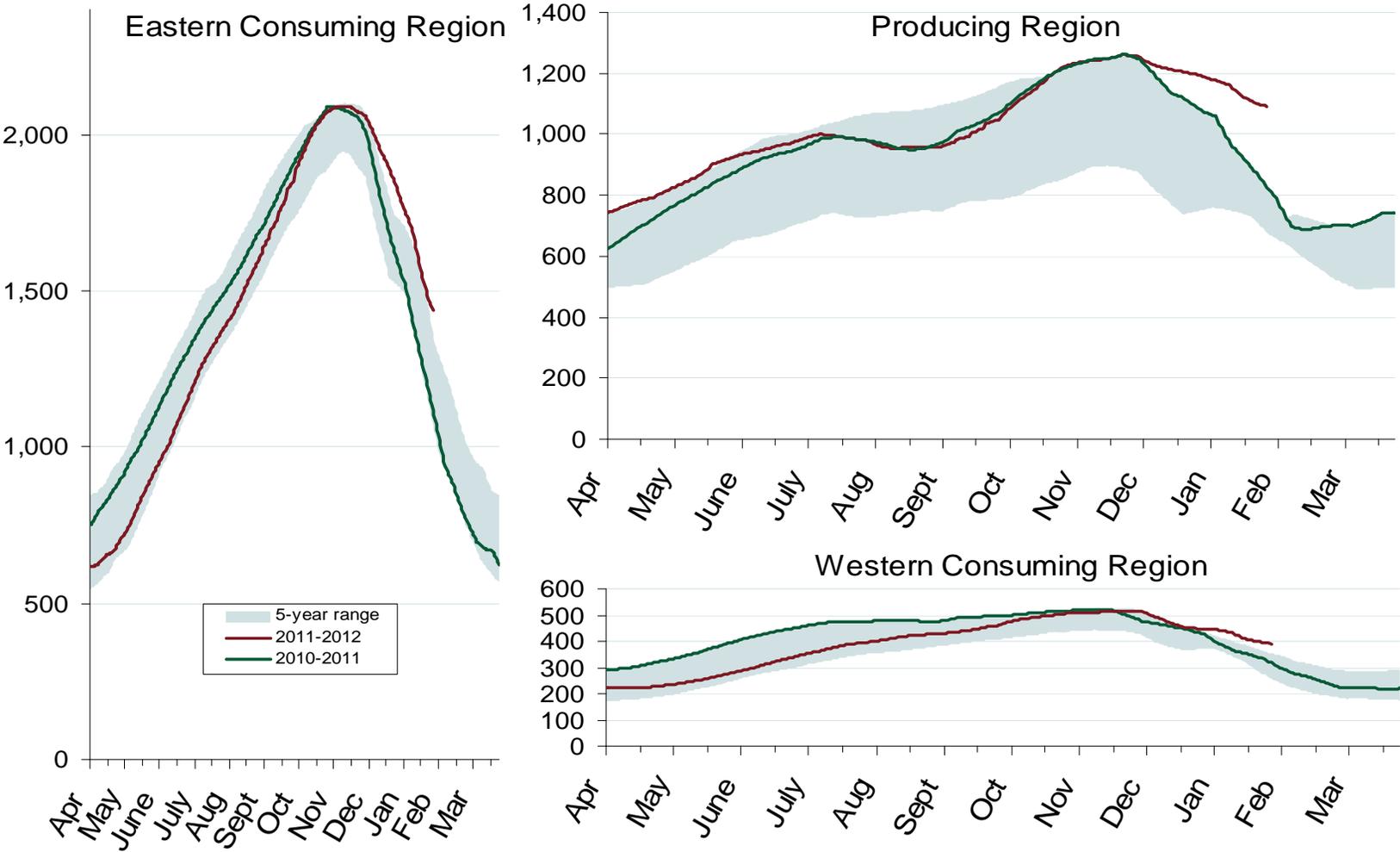
Total U.S. Working Gas in Storage



Source: Derived from EIA data
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

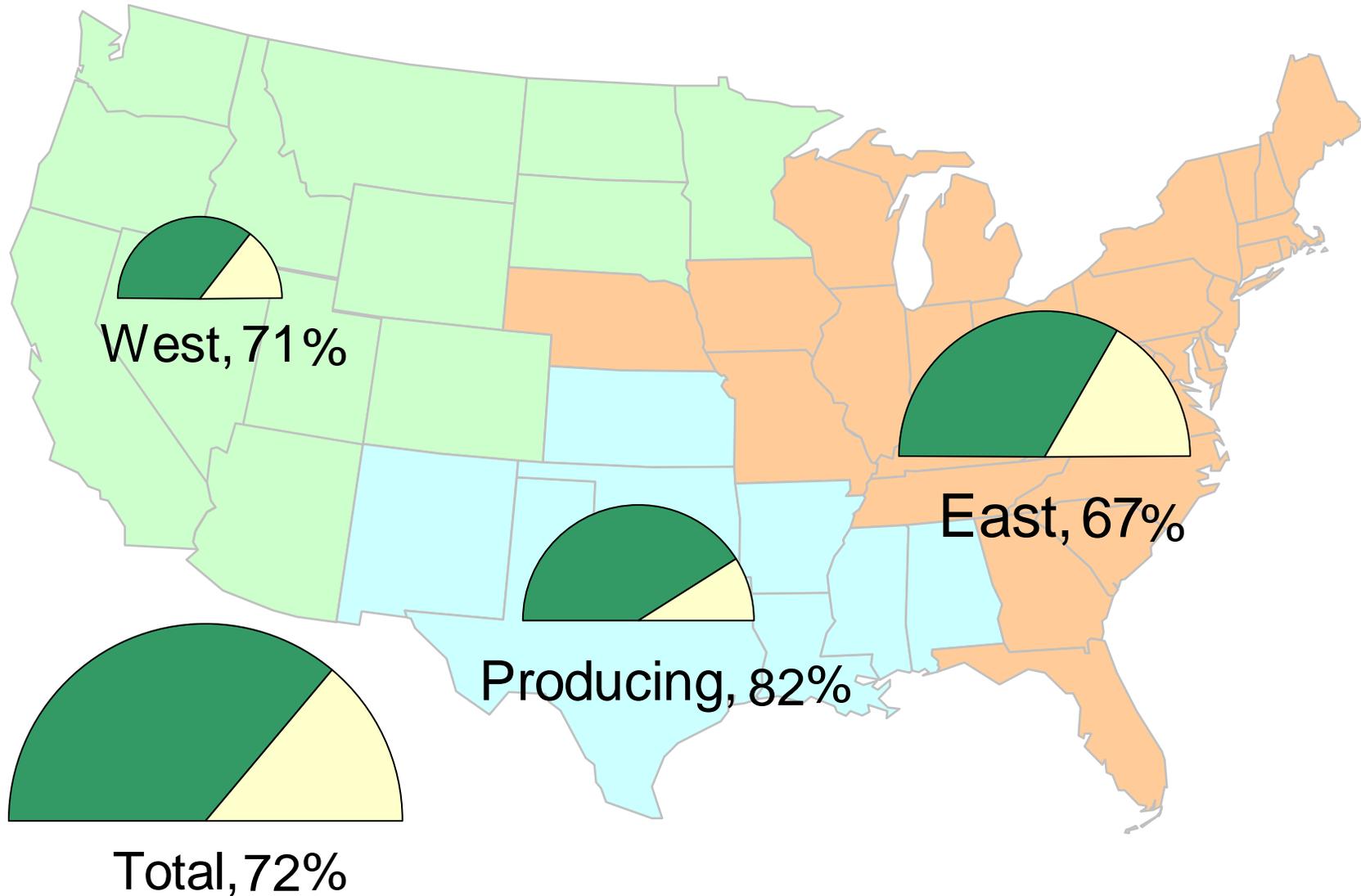
Regional Totals of Working Gas in Storage



Source: Derived from EIA data
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

Natural Gas Storage Inventories – February 3, 2012

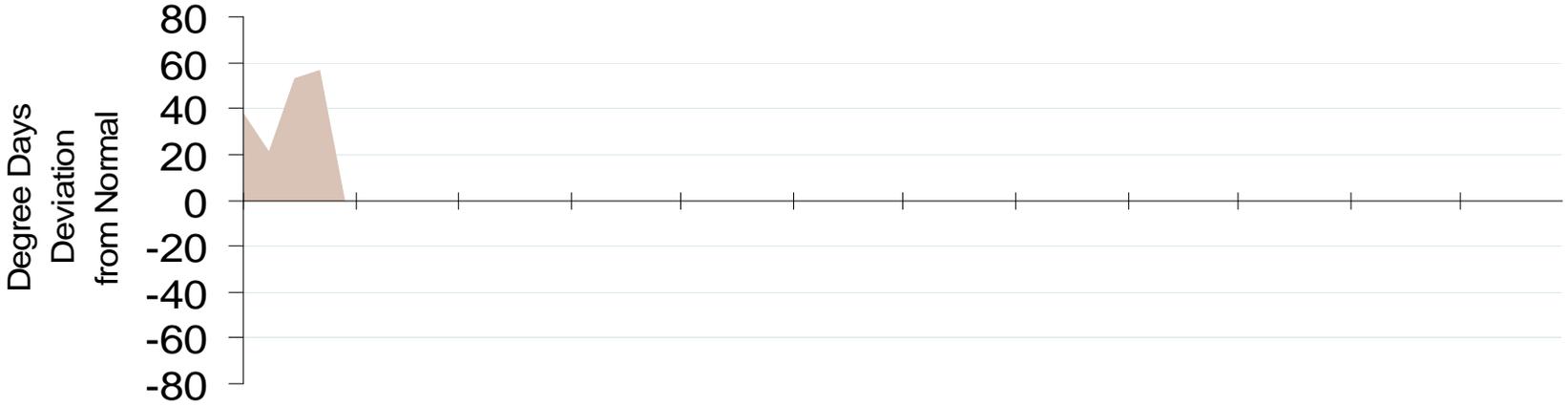
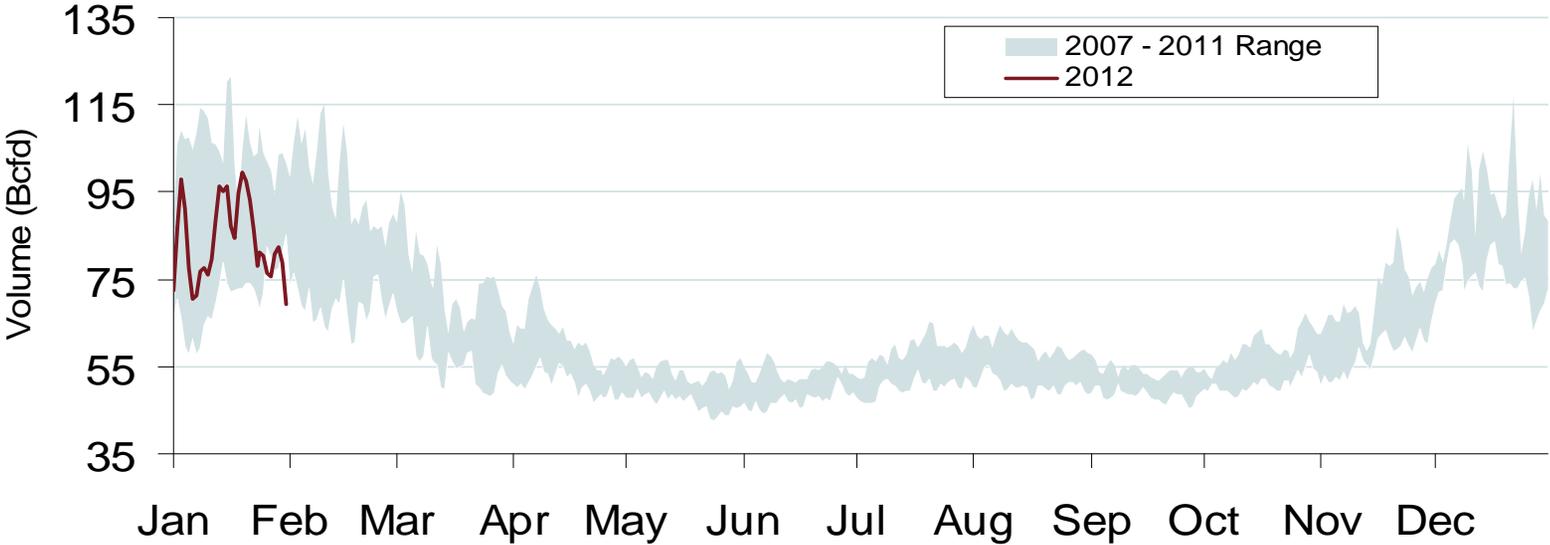


Source: Derived from *EIA Storage* and *Estimated Working Gas Capacity* data

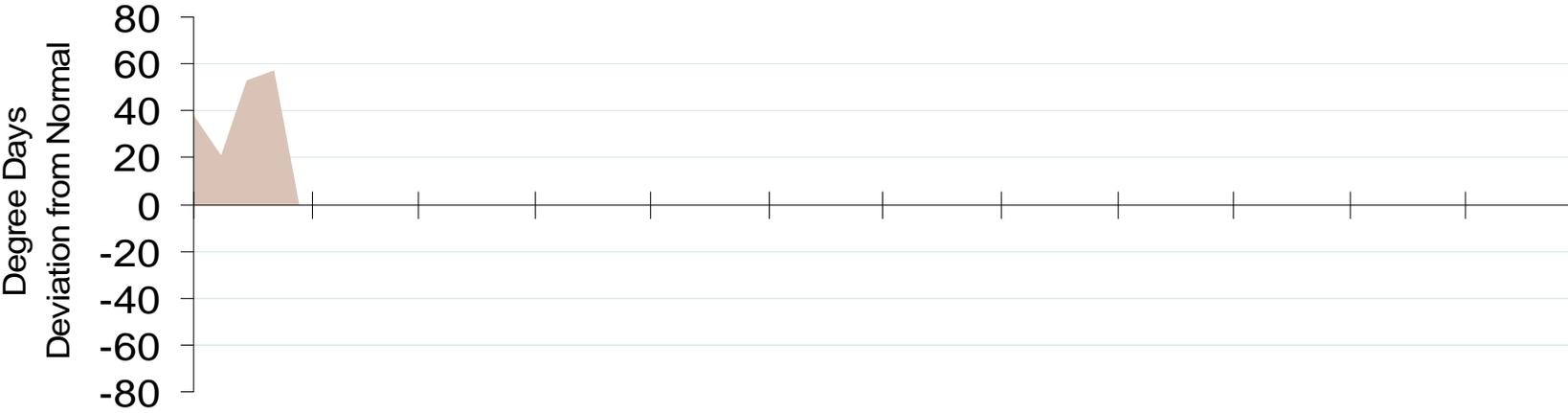
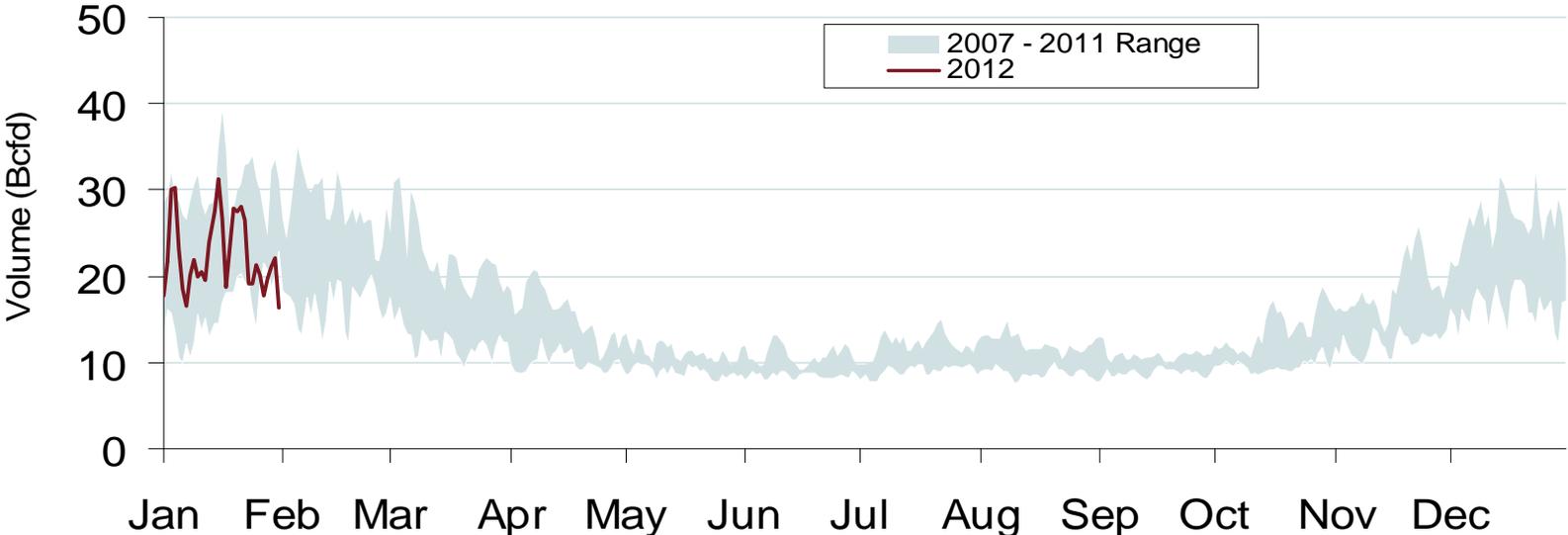
Updated February 8, 2012

February 2012 MidAtlantic Snapshot

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



Daily Northeast Natural Gas Demand All Sectors

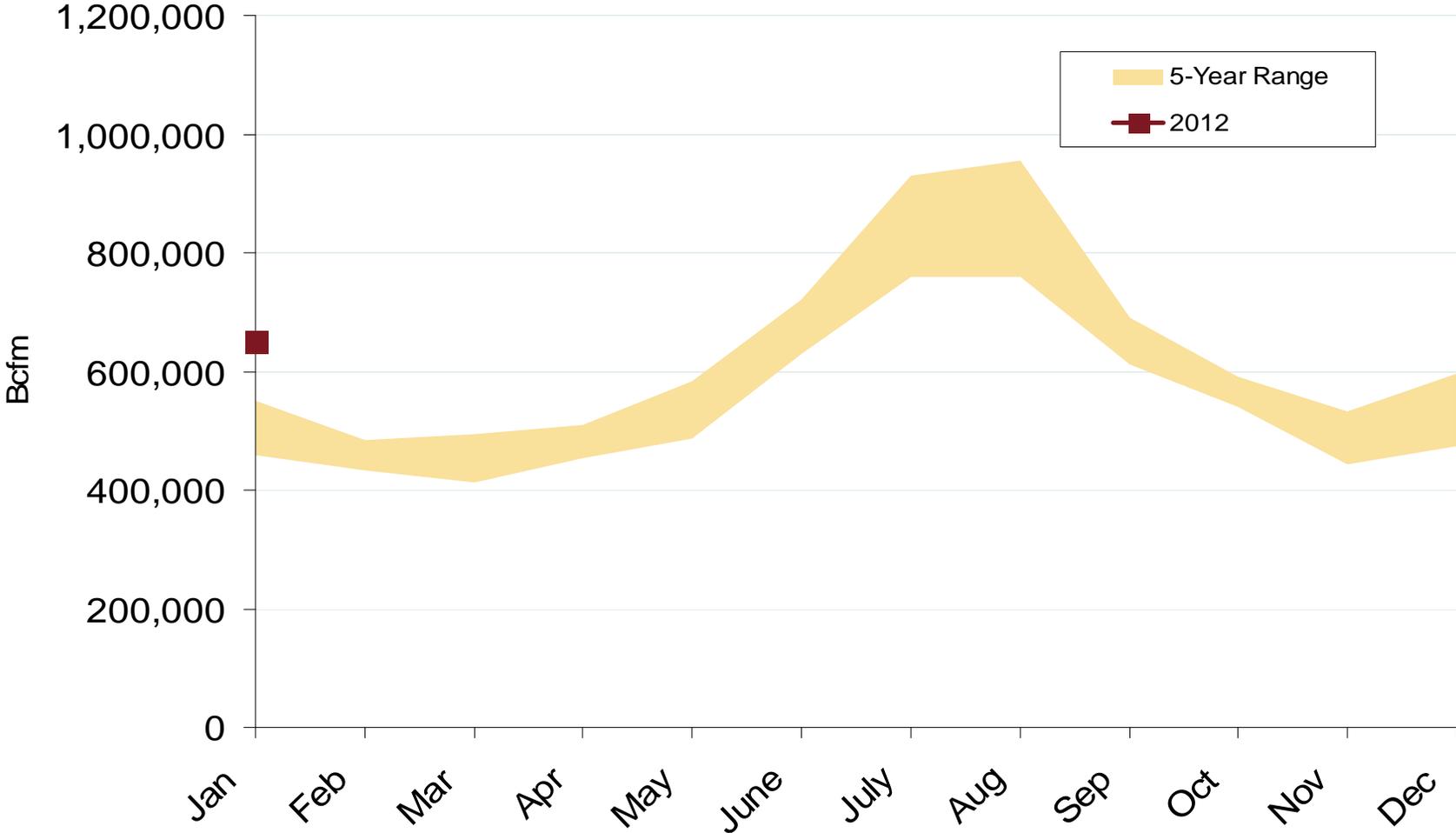


Source: Derived from *Bentek Energy* and Weekly NOAA data
February 2012 MidAtlantic Snapshot

Updated: February 21, 2012

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

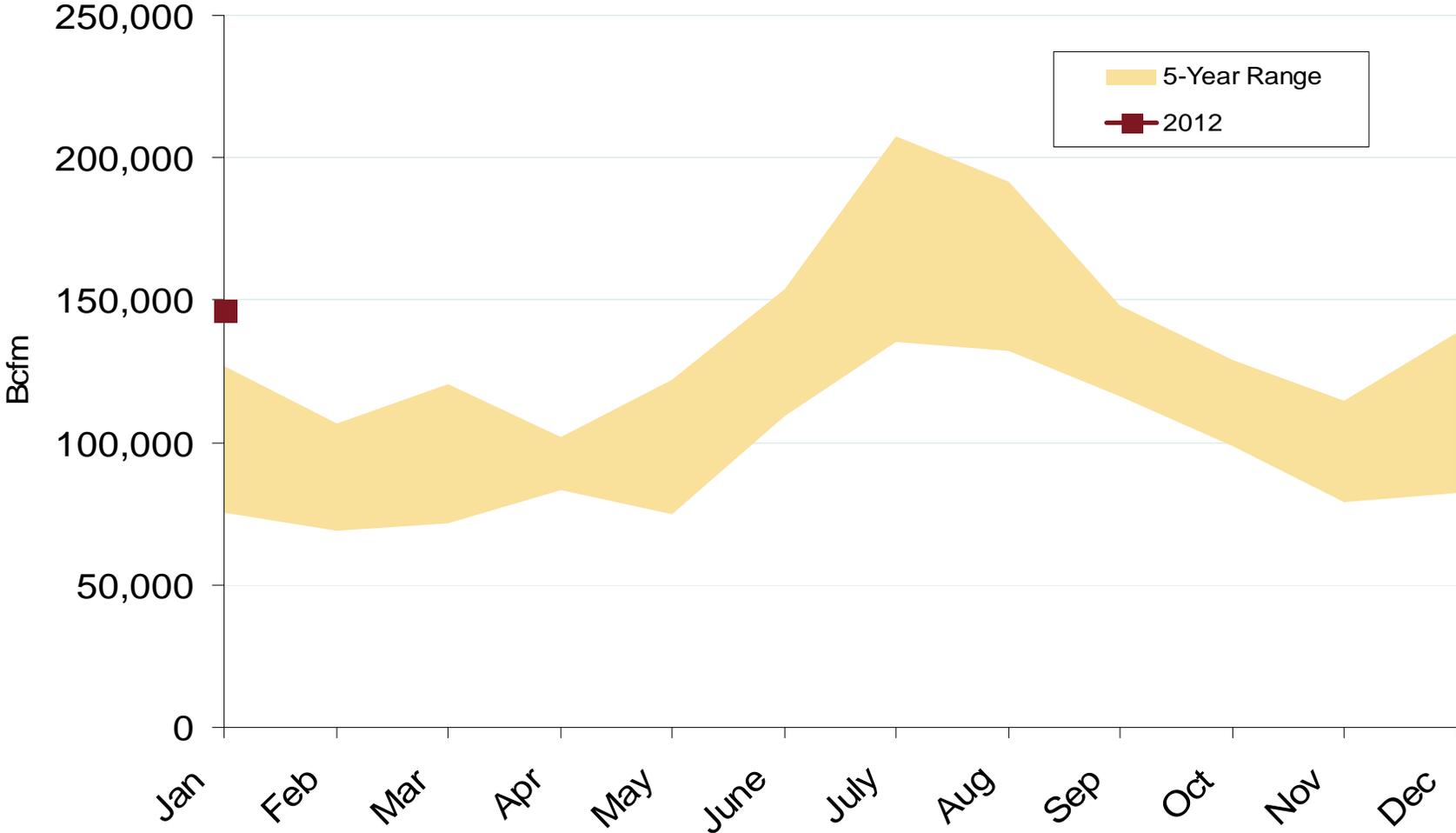
U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data
February 2012 MidAtlantic Snapshot

Updated: February 21, 2012

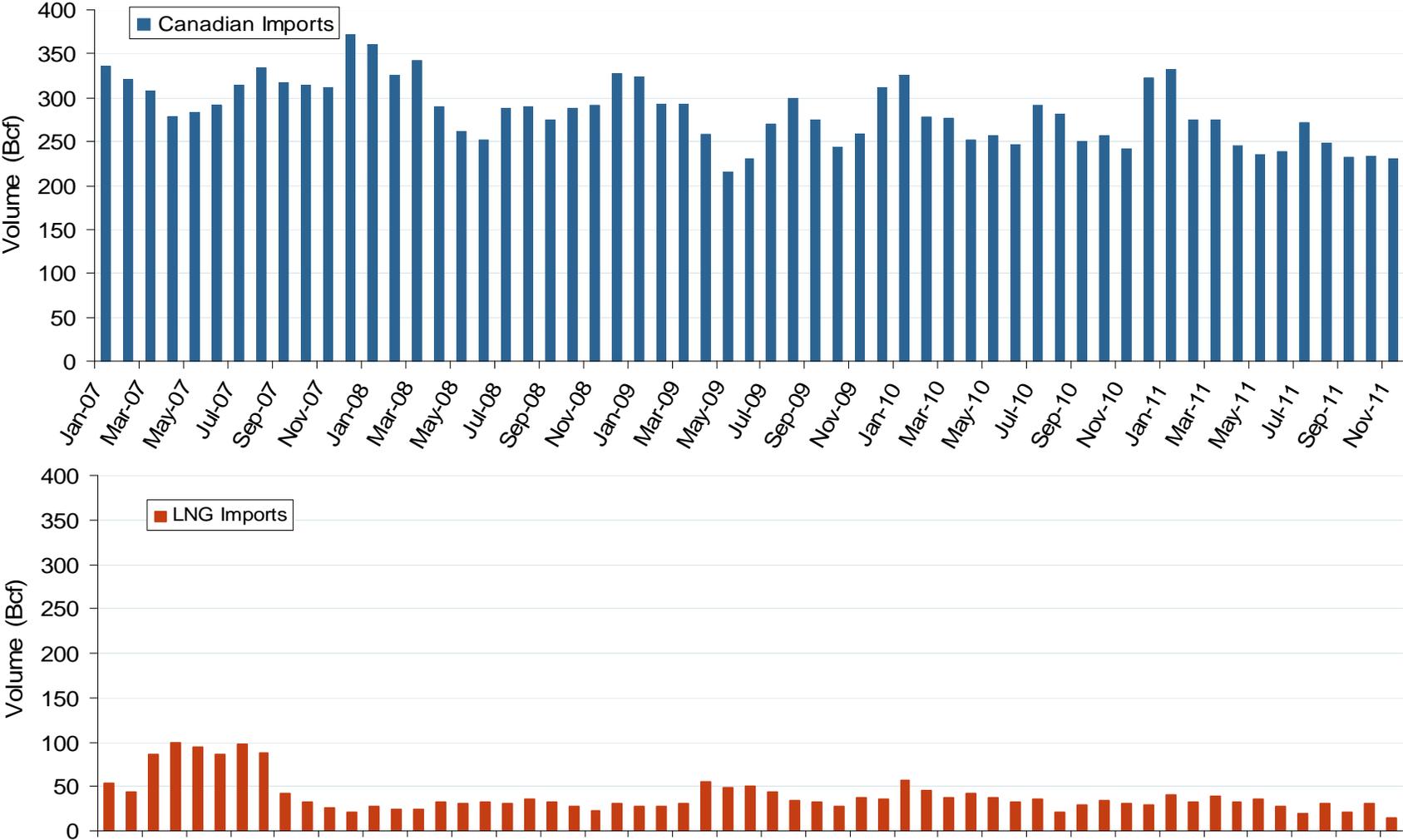
Northeast Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data
February 2012 MidAtlantic Snapshot

Updated: February 21, 2012

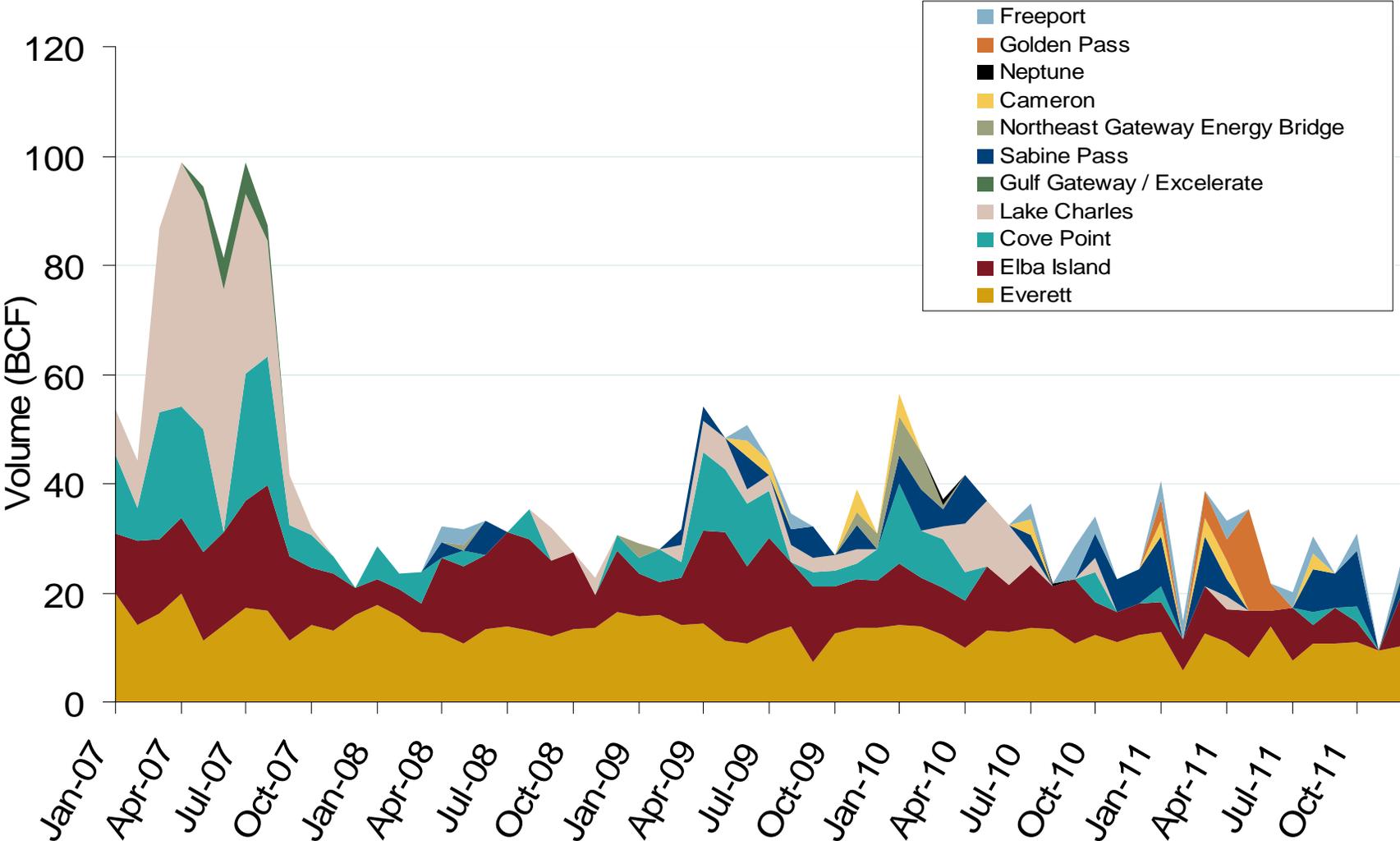
Canadian and LNG Natural Gas Imports Into the U.S.



Source: EIA Natural Gas Monthly
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

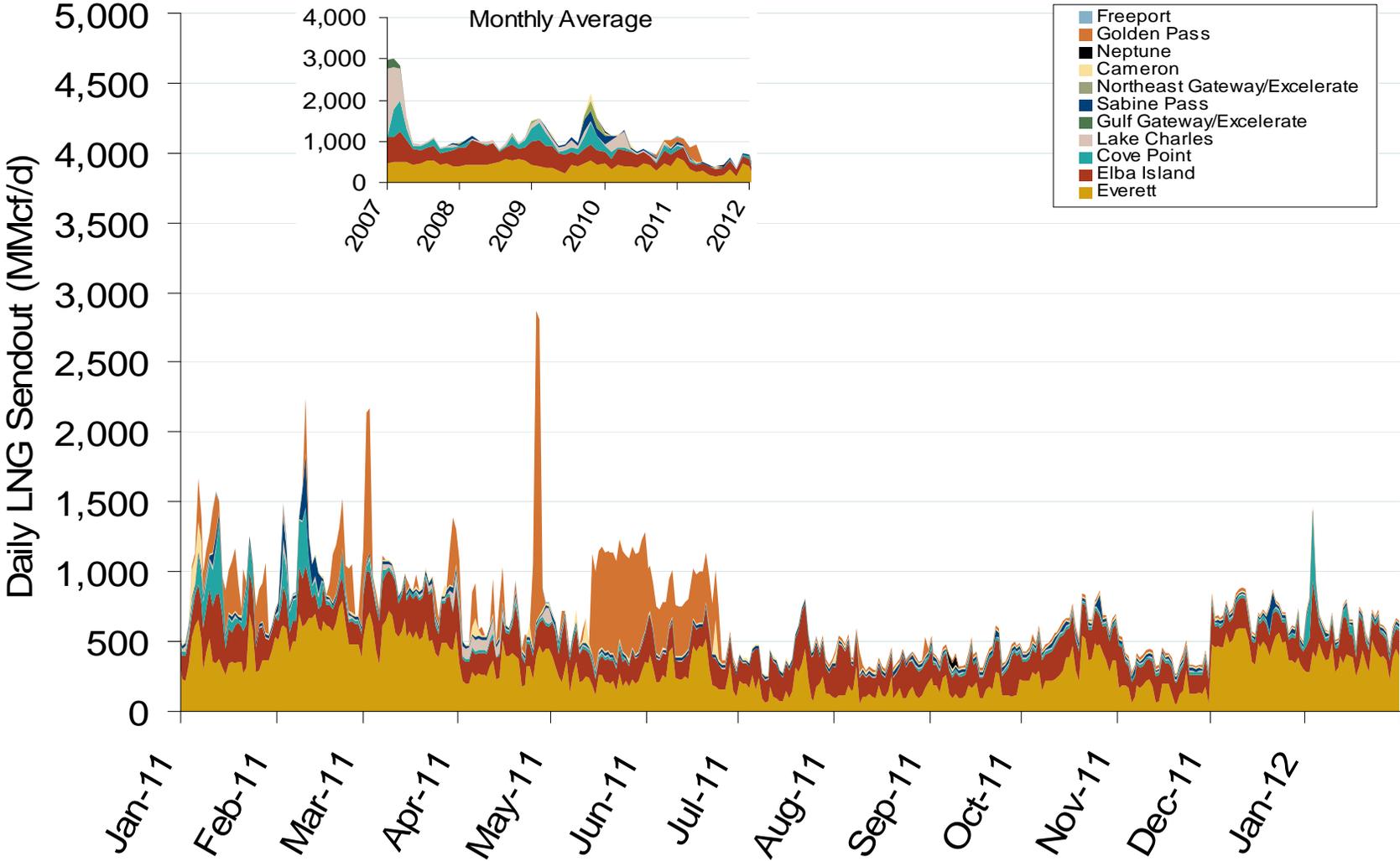
Monthly Gas Imports at Existing U.S. LNG Facilities



Source: Derived from DOE Office of Fossil Energy data
February 2012 MidAtlantic Snapshot

Updated: February 06, 2012

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 Freeport LNG which flows via intrastate pipelines

Source: Derived from Bentek Energy data

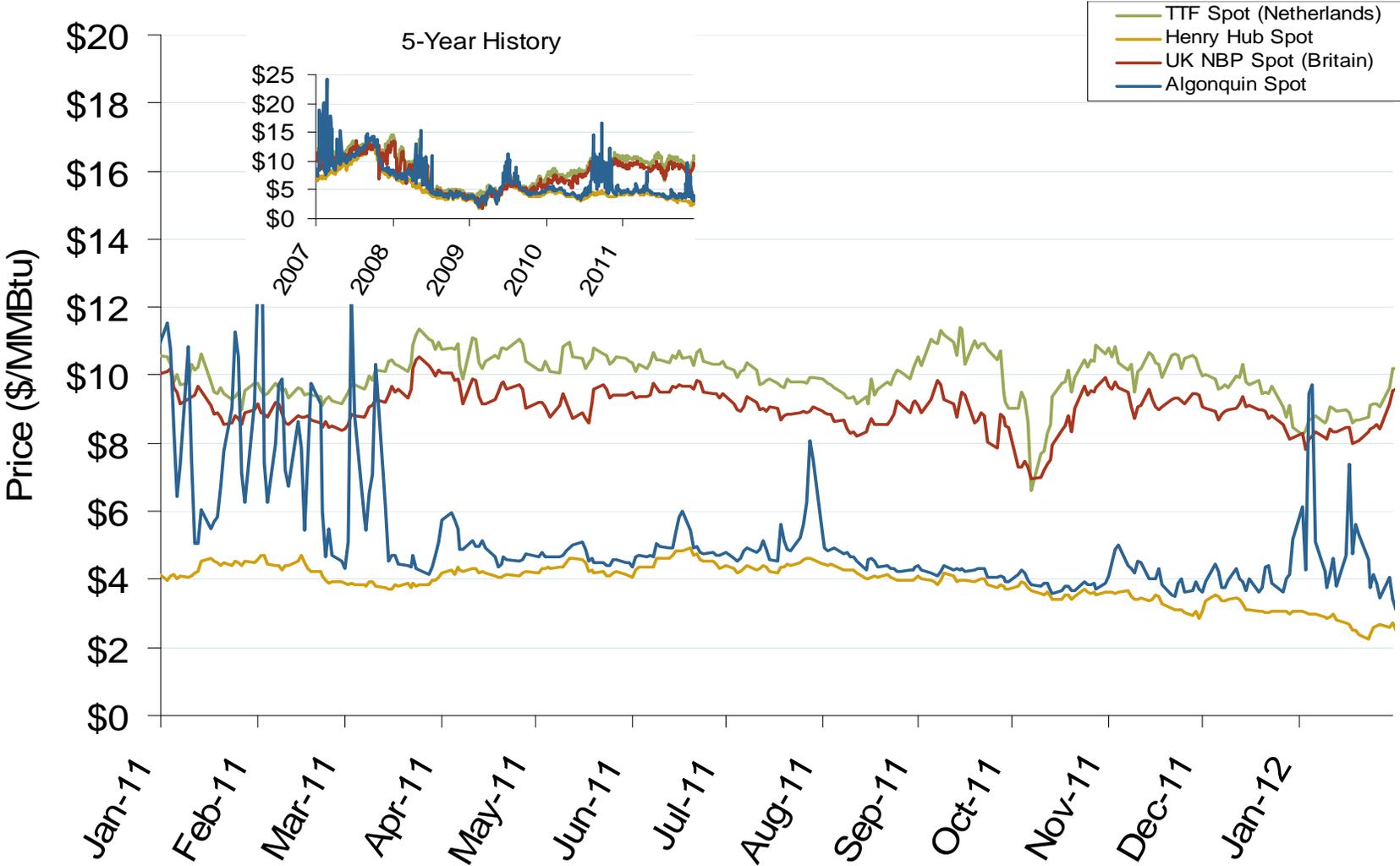
February 2012 MidAtlantic Snapshot

Updated: February 21, 2012

World LNG Estimated March 2012 Landed Prices



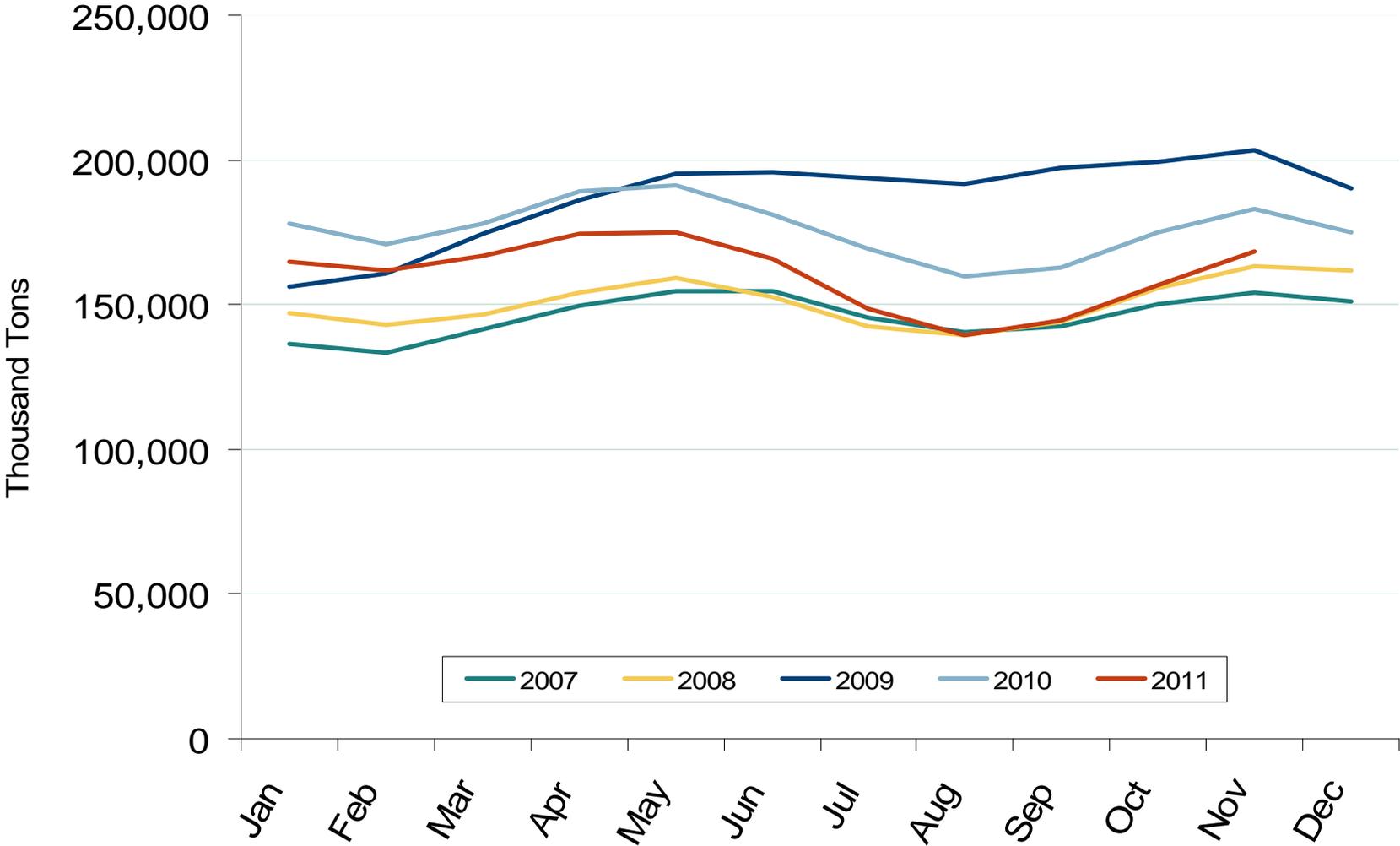
Atlantic Basin European and US Spot Natural Gas Prices



Source: Derived from *Bloomberg* and *ICE* data
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

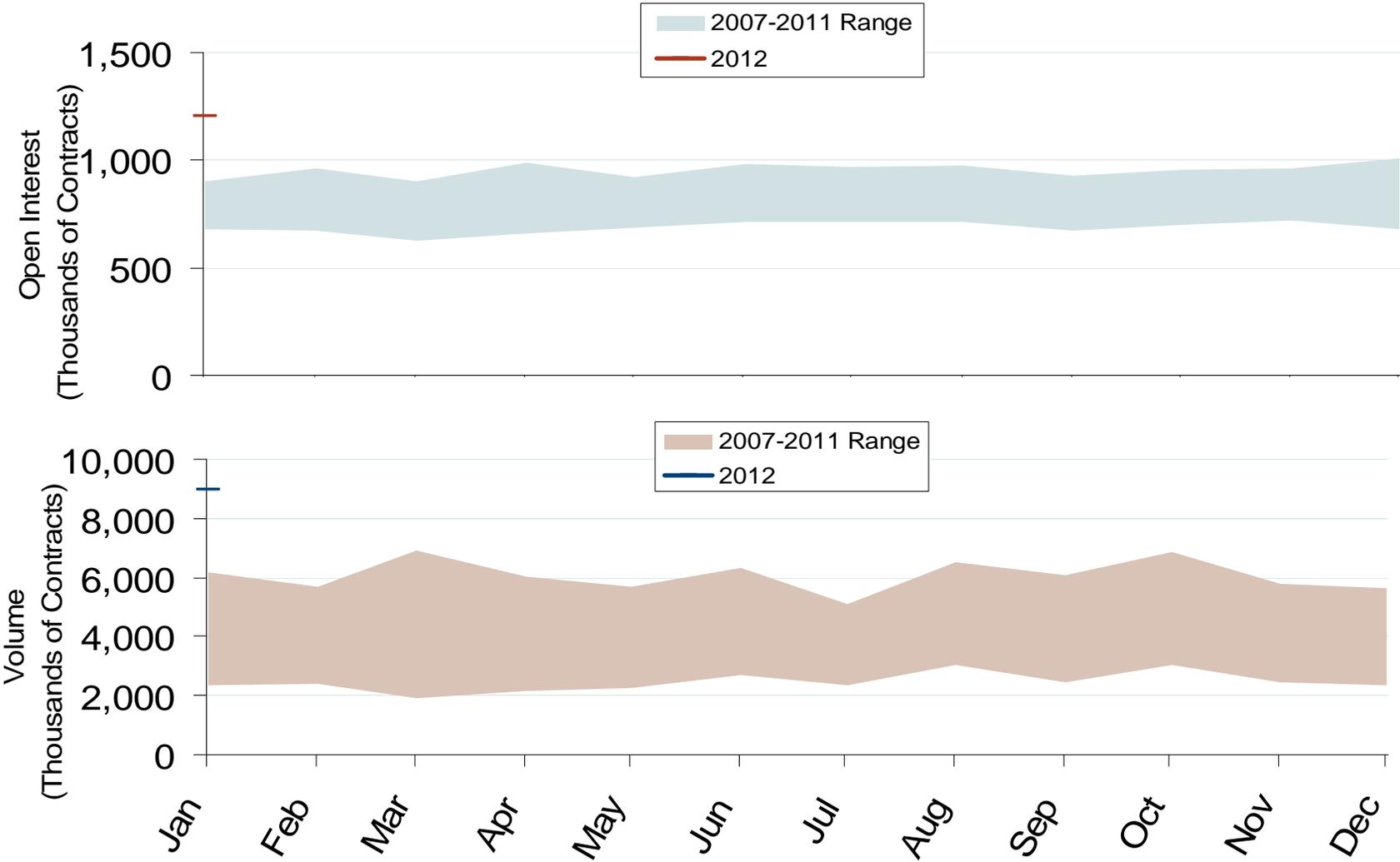
U.S. Coal Stockpiles at Electric Power Generating Facilities



Source: Derived from EIA data. Excludes Industrial and Commercial Plants
February 2012 MidAtlantic Snapshot

Updated: February 08, 2012

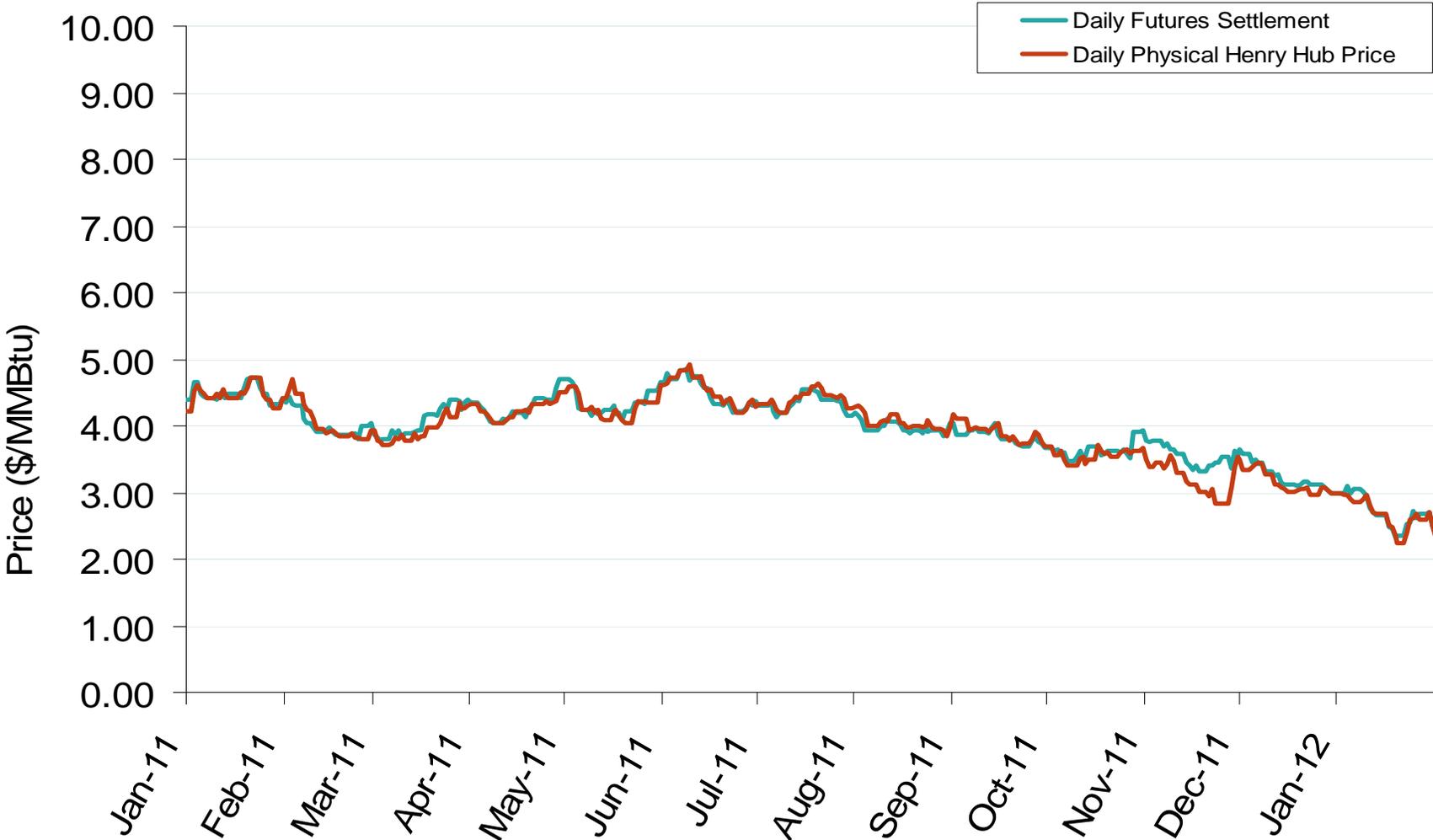
Nymex NG Futures Month-End Open Interest and Monthly Volume



Source: Derived from Nymex data
February 2012 MidAtlantic Snapshot

Updated: February 08, 2012

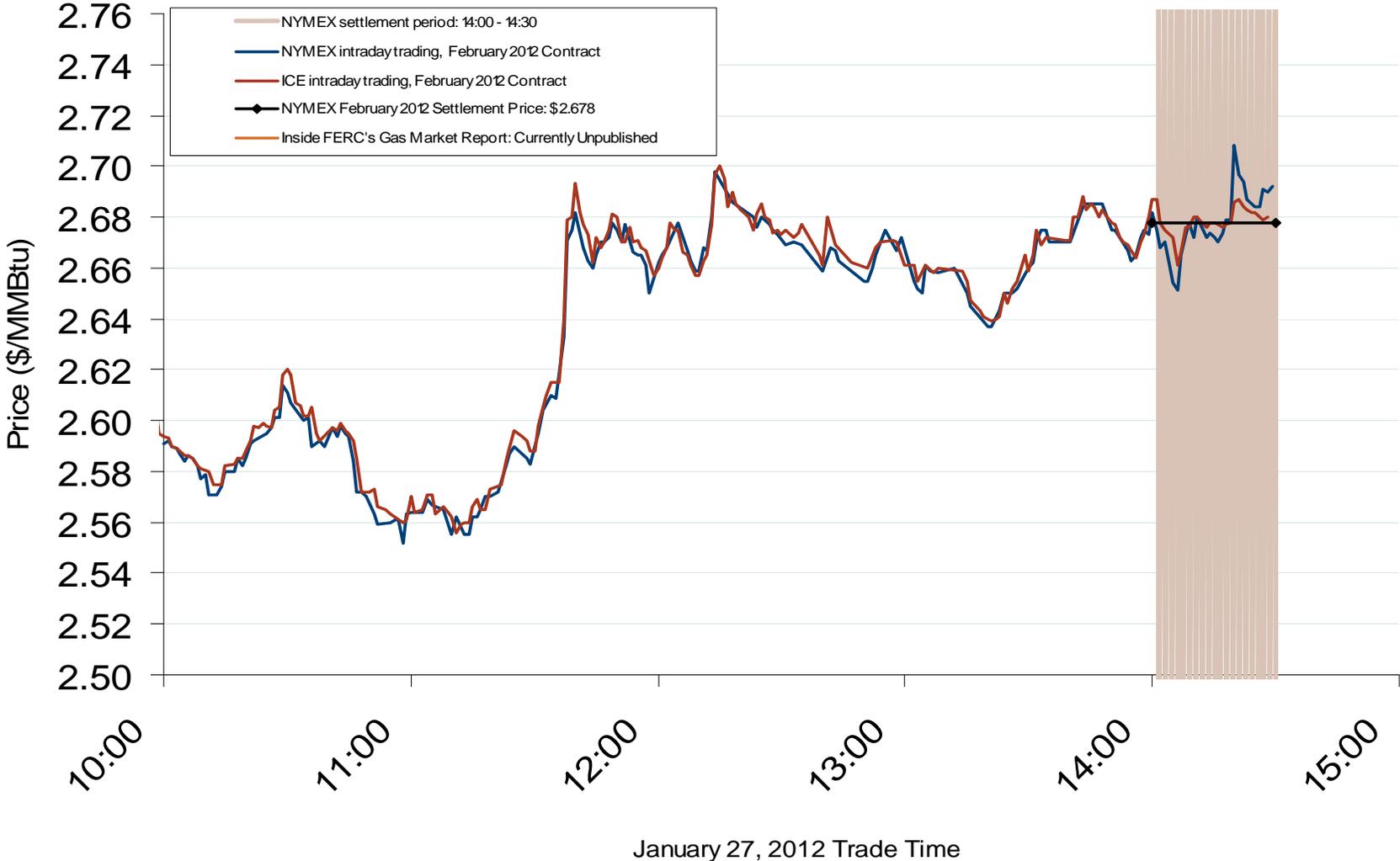
Daily Physical Index Price & Daily Futures Settlement Price



Source: Derived from *Bloomberg* data
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

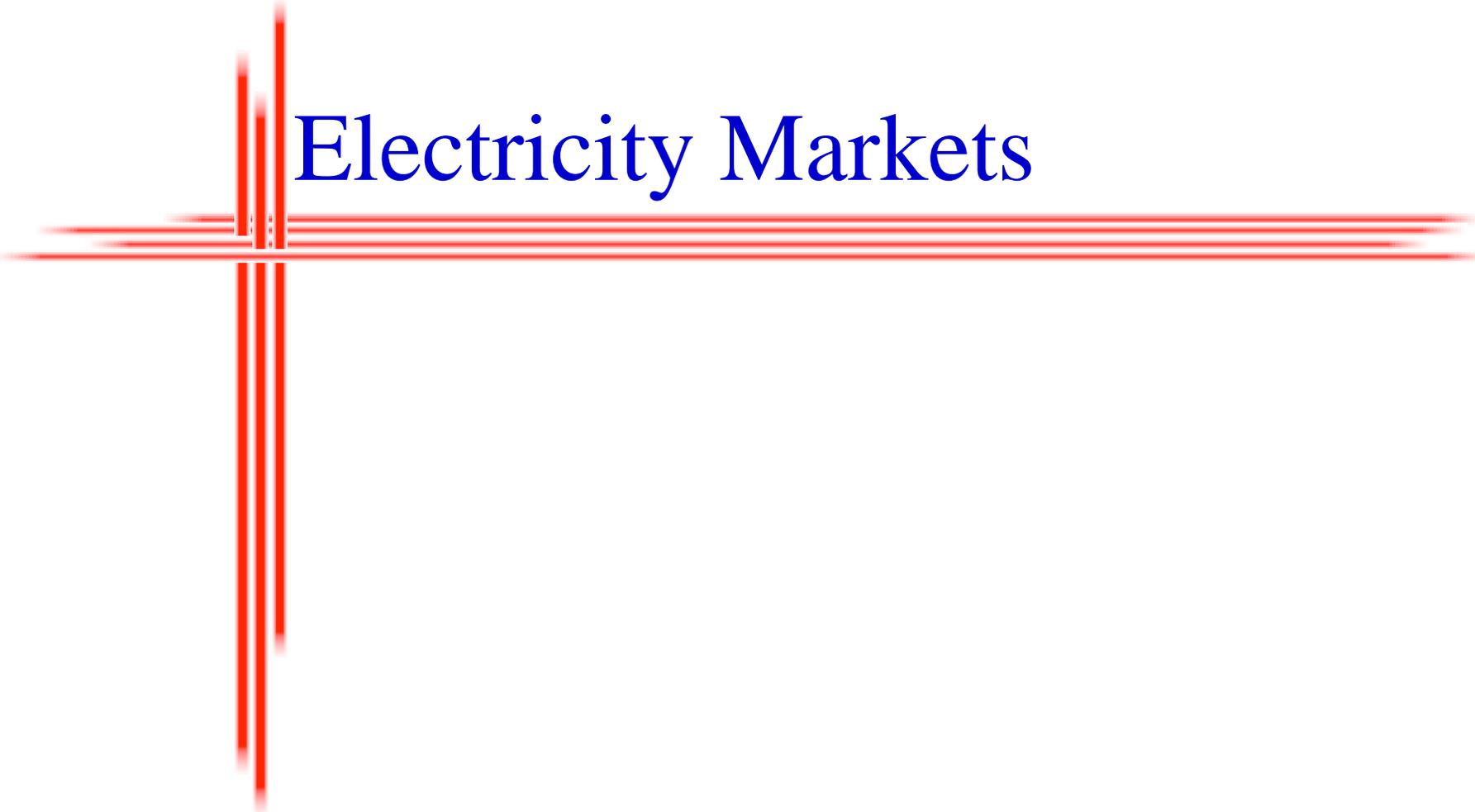
Nymex and ICE Contract Final Settlement - February 2012



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
February 2012 MidAtlantic Snapshot

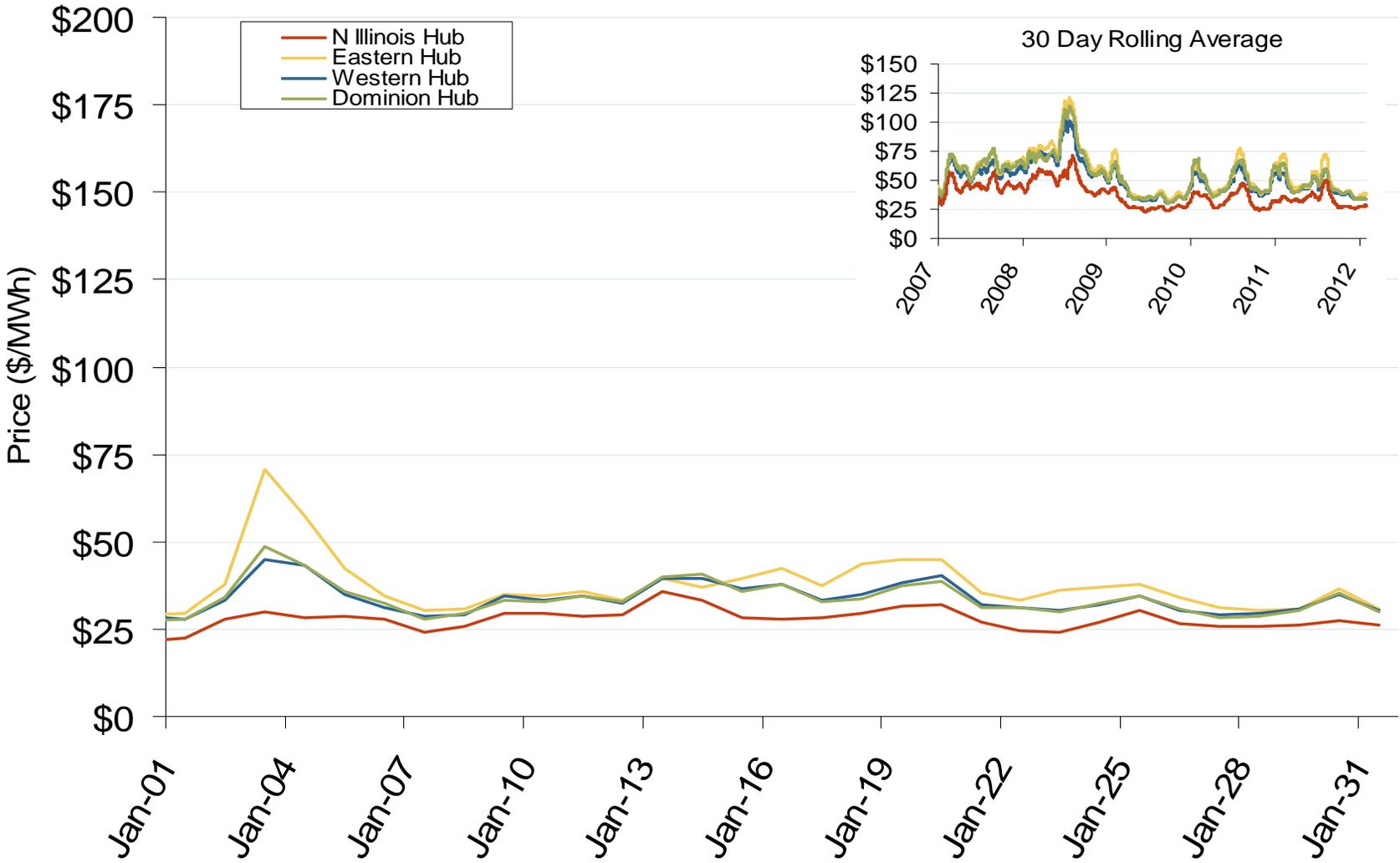
Updated: February 06, 2012



Electricity Markets

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

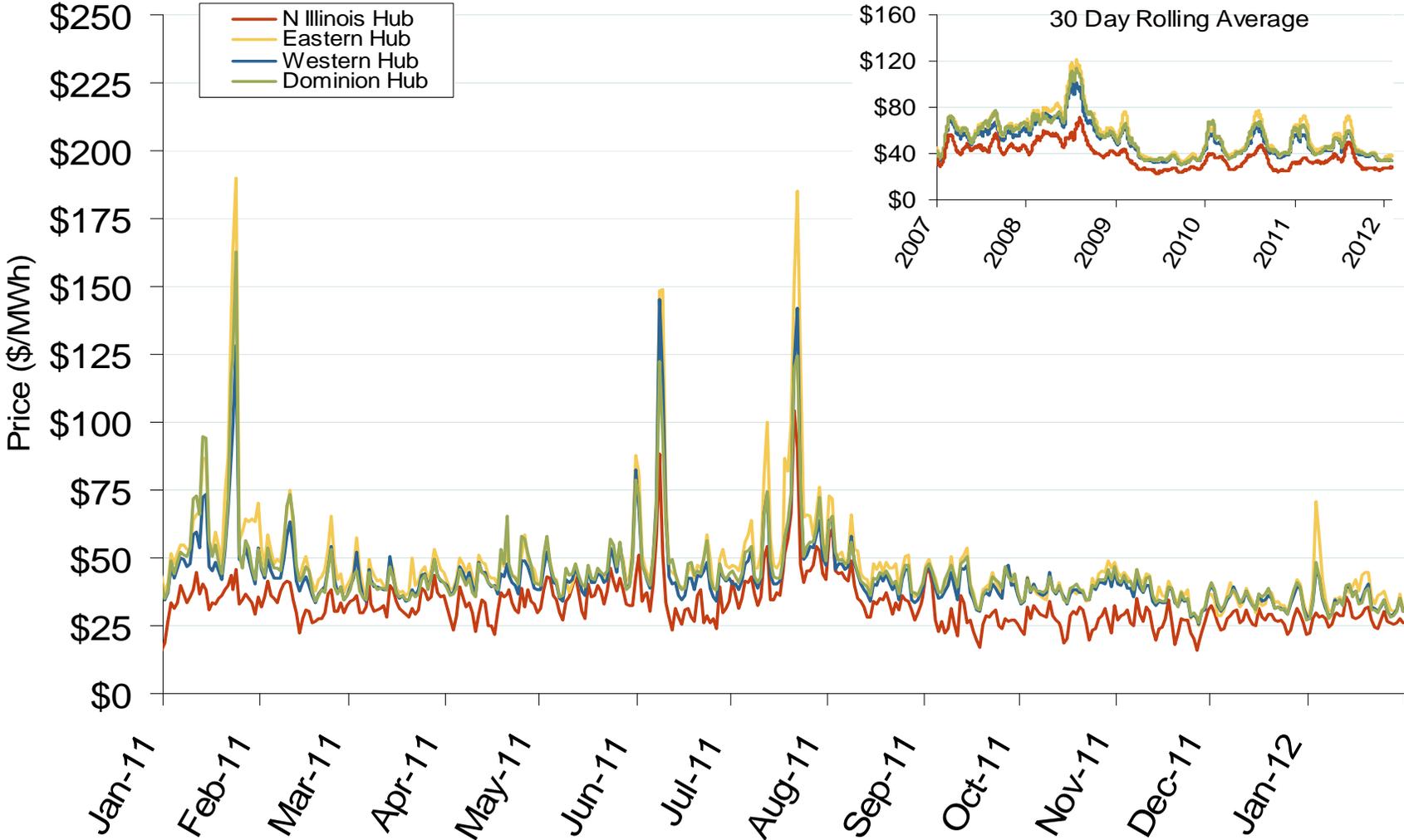
Daily Average of PJM Day-Ahead Prices - All Hours



Source: Derived from *Bloomberg* data
February 2012 MidAtlantic Snapshot

Updated: February 06, 2012

Daily Average of PJM Day-Ahead Prices - All Hours

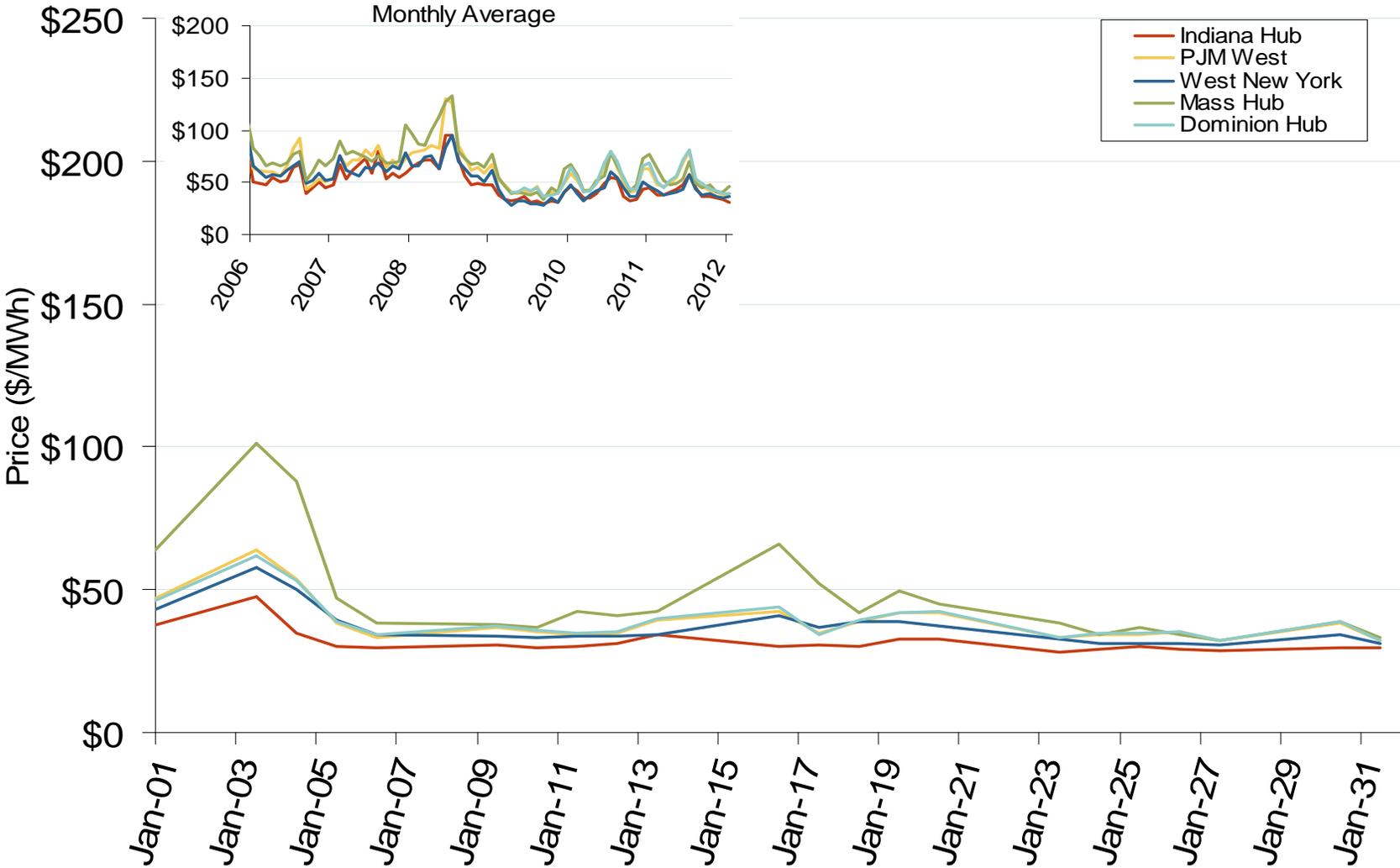


Source: Derived from *Bloomberg* data
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

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

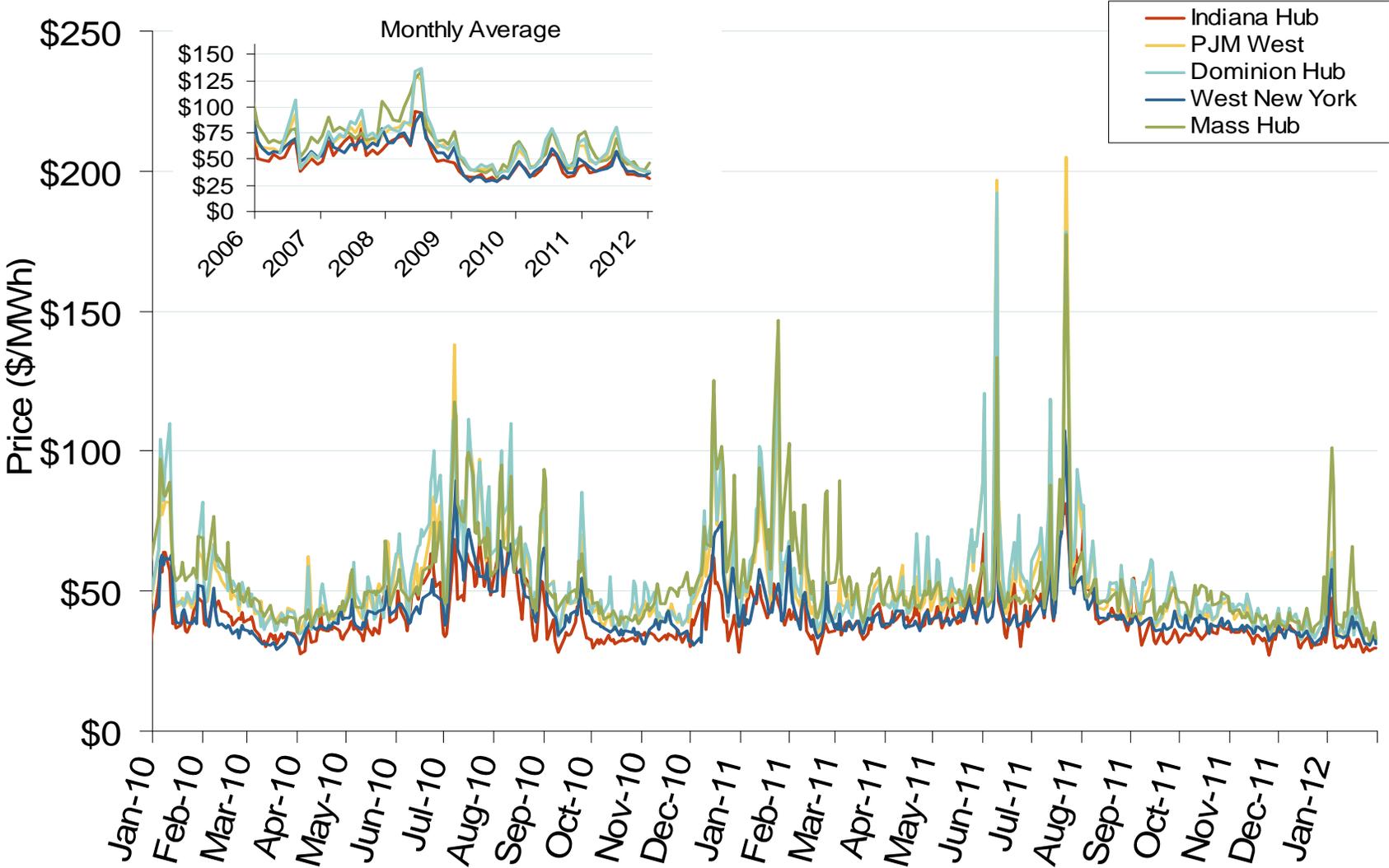
Eastern Daily Index Day-Ahead On-Peak Prices



Source: Derived from Platts data
February 2012 MidAtlantic Snapshot

Updated: February 09, 2012

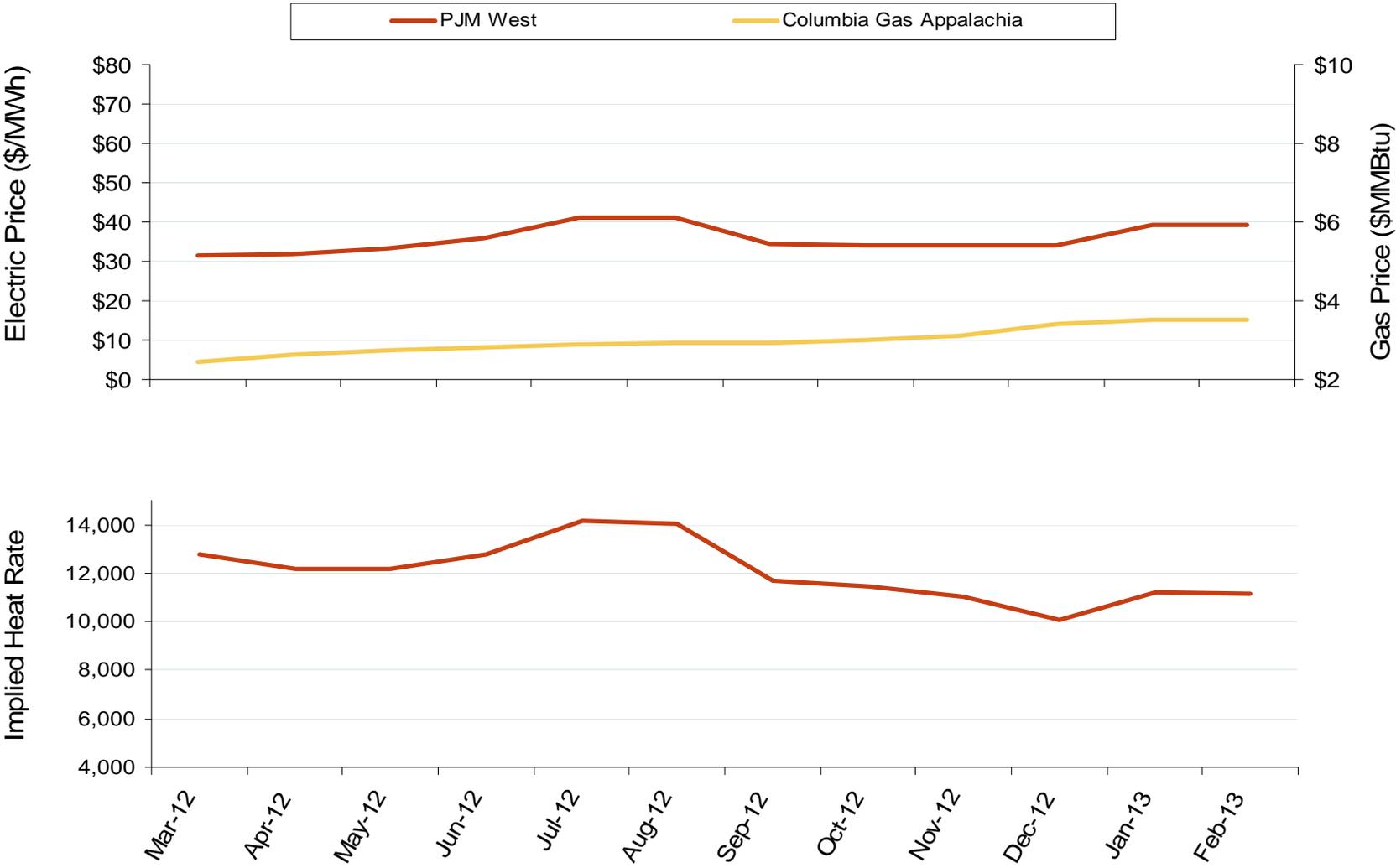
Eastern Daily Index Day-Ahead On-Peak Prices



Source: Derived from Platts data
February 2012 MidAtlantic Snapshot

Updated: February 09, 2012

PJM West Electric Forward Price Curves and Implied Heat Rates

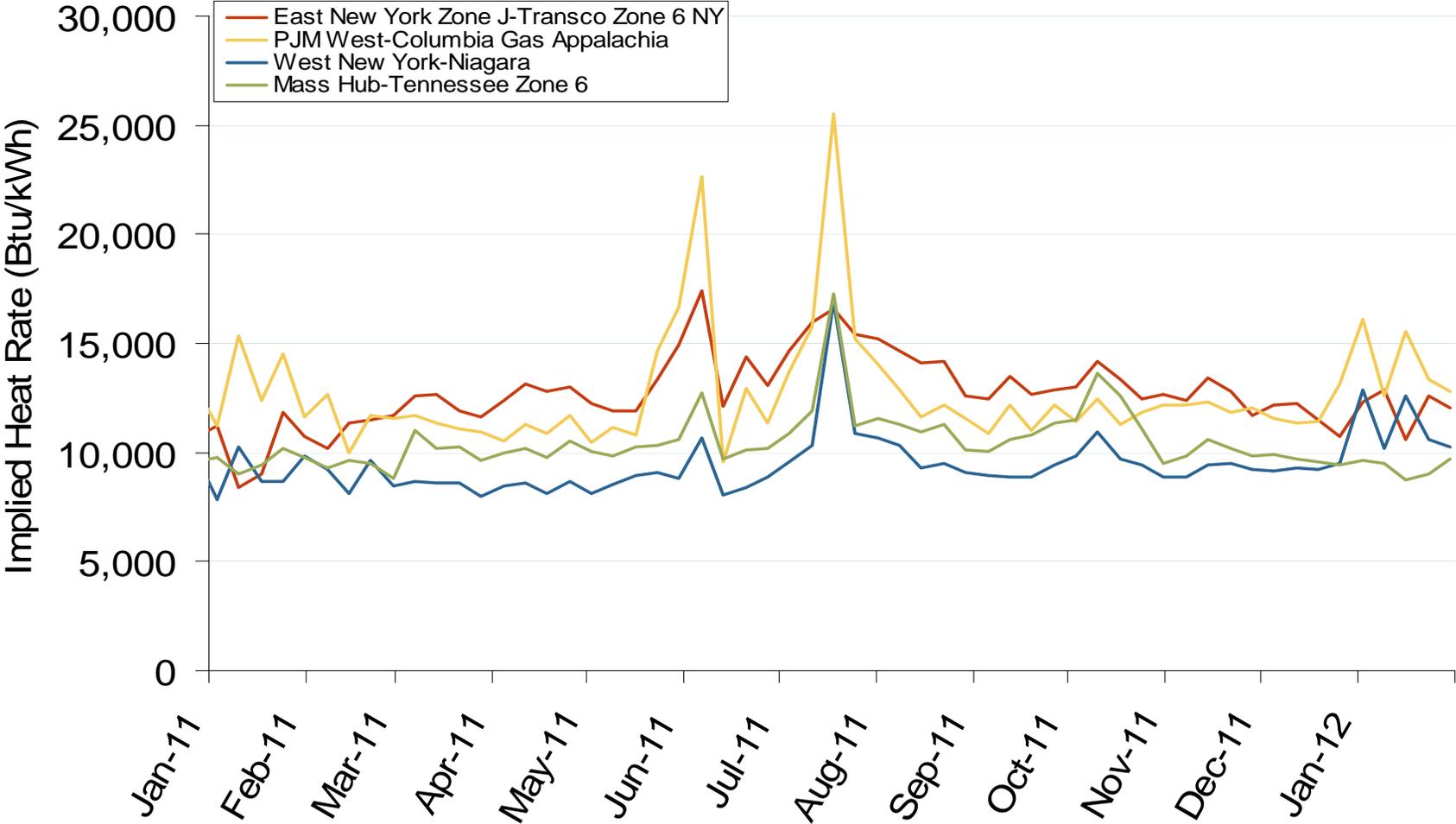


Source: Derived from Nymex data
February 2012 MidAtlantic Snapshot

Updated: February 08, 2012

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

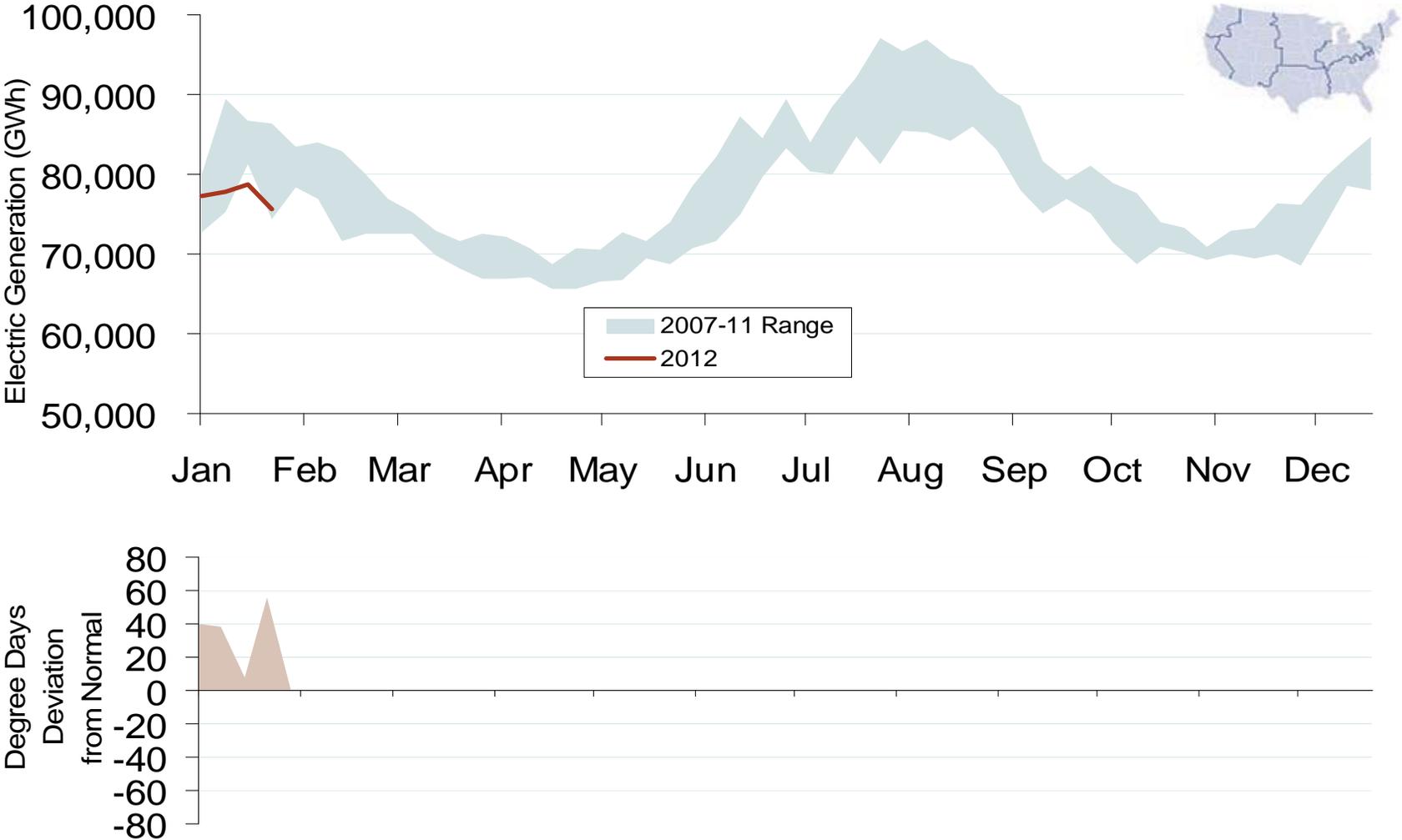
Implied Heat Rates at Eastern Trading Points - Weekly Avgs.



Source: Derived from Platts on-peak electric and natural gas price data
February 2012 MidAtlantic Snapshot

Updated: February 14, 2012

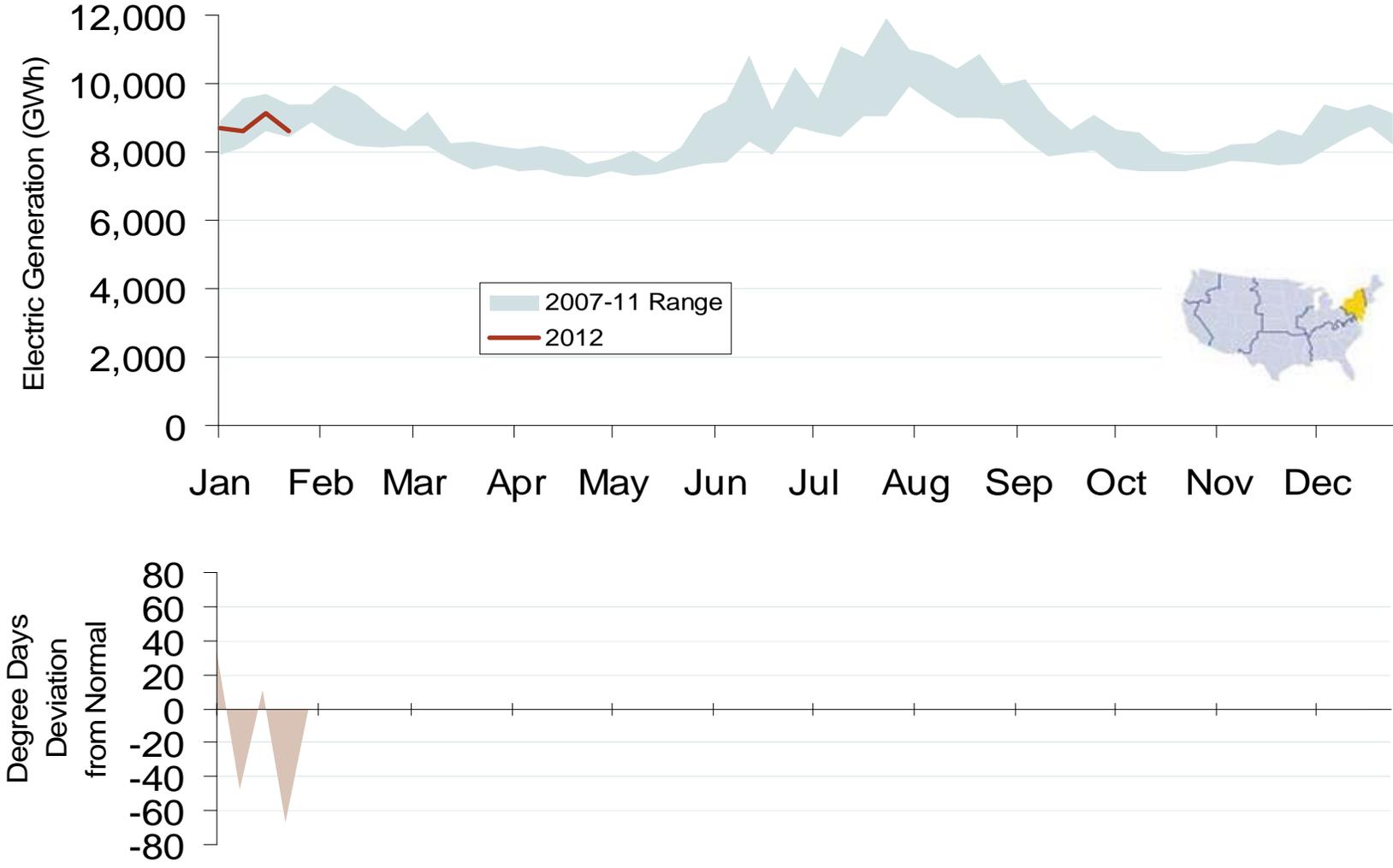
Weekly U.S. Electric Generation Output and Temperatures



Source: Derived from *EEI* and *NOAA* data
February 2012 MidAtlantic Snapshot

Updated: February 06, 2012

Weekly Power Generation & Temps. - Mid Atlantic



Source: Derived from *EEI* and *NOAA* data
February 2012 MidAtlantic Snapshot

Updated: February 06, 2012

Weekly Power Generation & Temps. - Central Industrial Region

