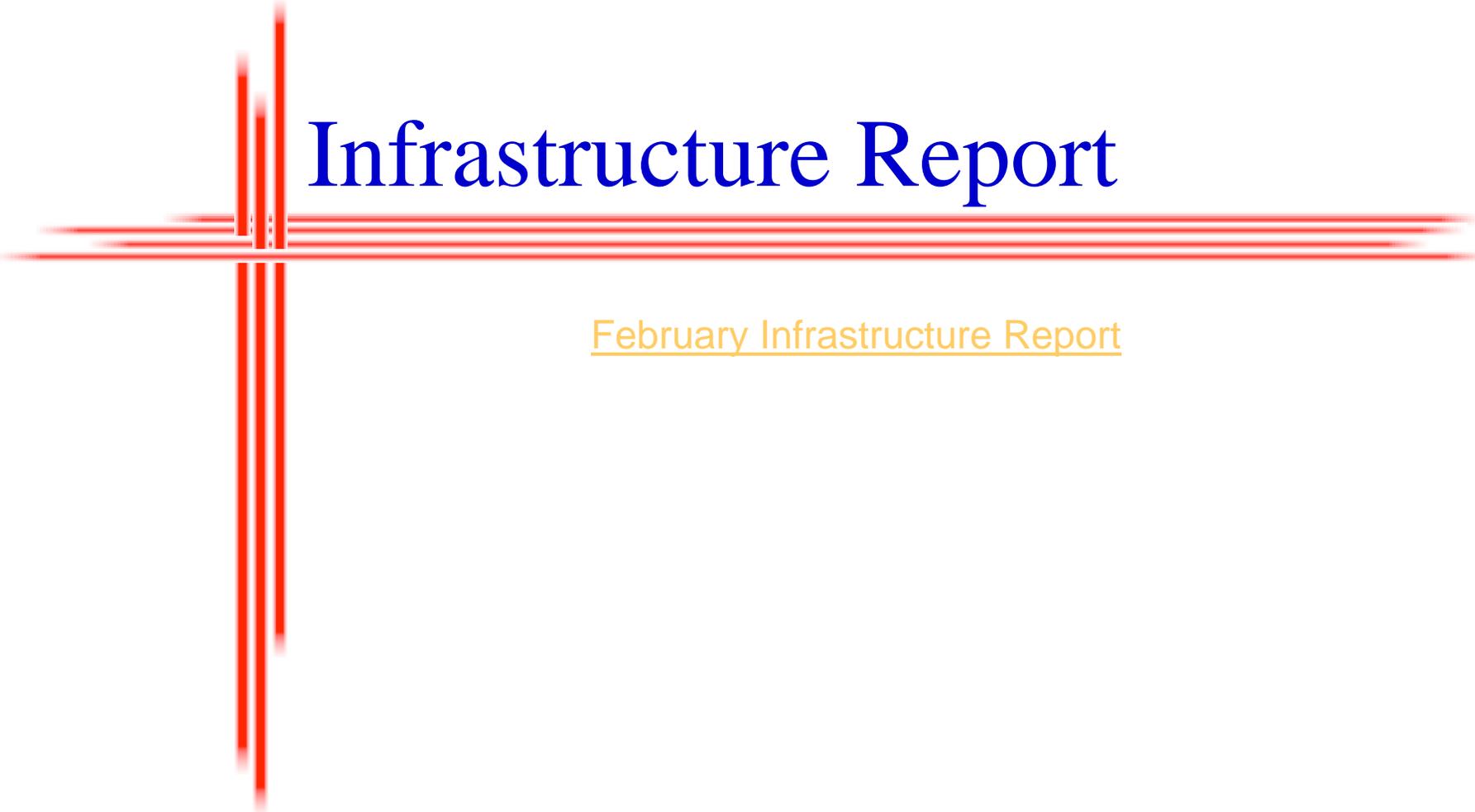


OE ENERGY MARKET SNAPSHOT

National Version – February 2012 Data

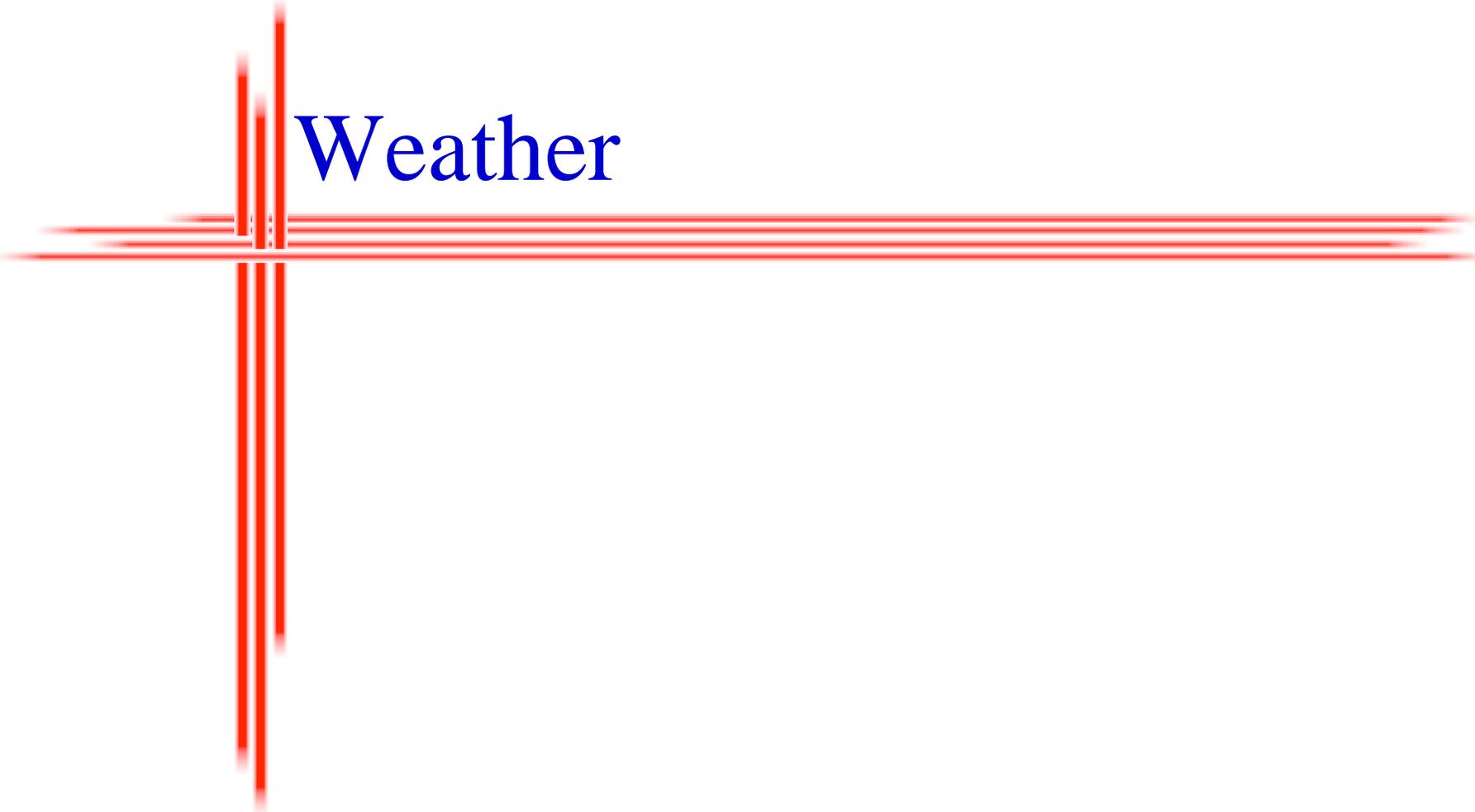
Office of Enforcement
Federal Energy Regulatory Commission
March 2012

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



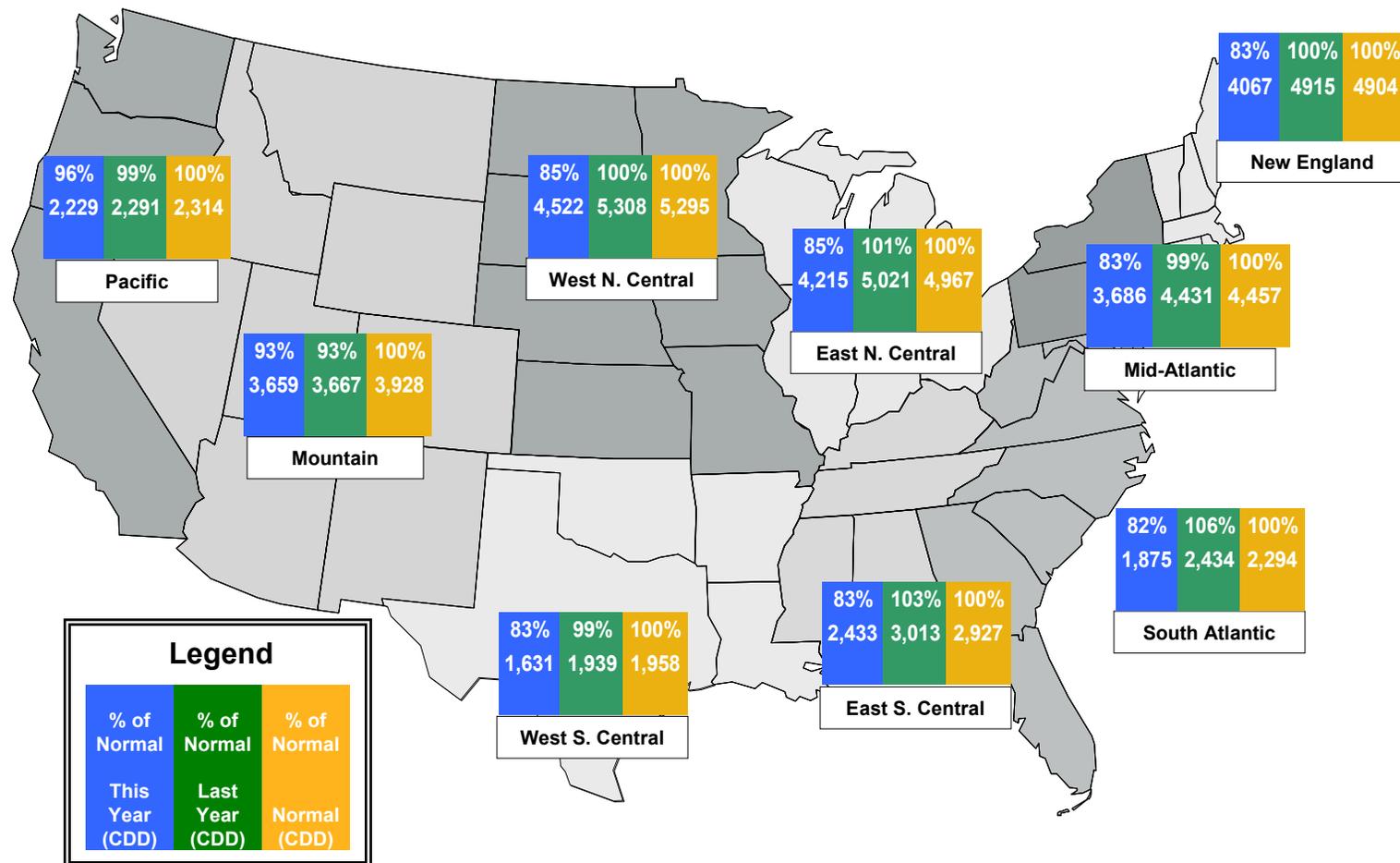
Infrastructure Report

February Infrastructure Report



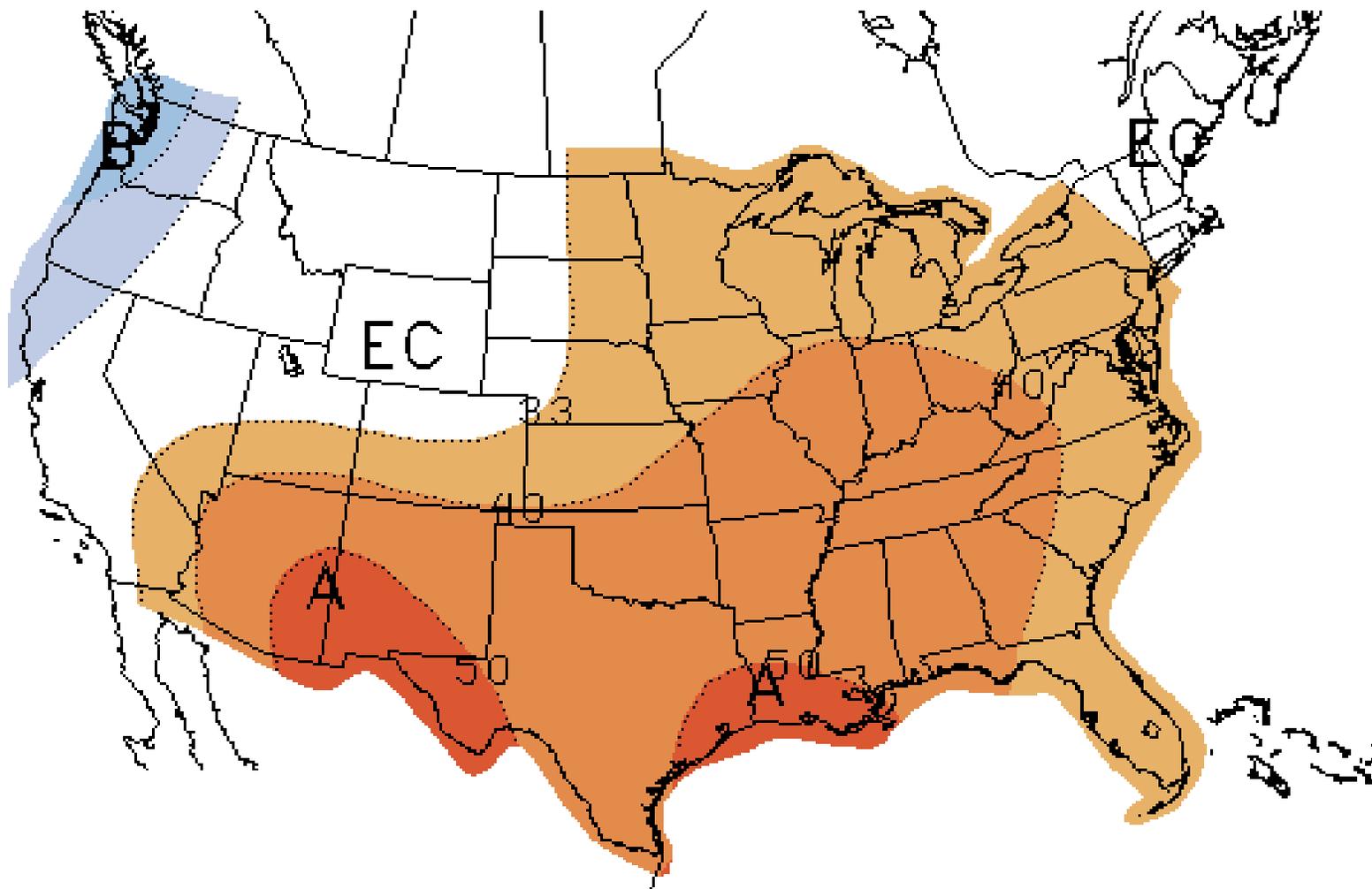
Weather

Regional Heating Degree Days – July 2011 to February 2012



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

NOAA's 3 Month Temperature Forecast Made February 16, 2012, Valid for March 2012 – May 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: March 6, 2012

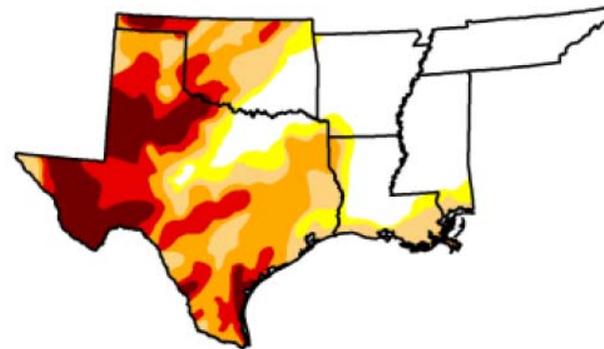
Drought Continues in Most of Texas

U.S. Drought Monitor South

March 6, 2012
Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|-------|-------|-------|-------|-------|
| Current | 36.89 | 63.11 | 55.89 | 41.95 | 23.80 | 10.93 |
| Last Week (02/28/2012 map) | 36.89 | 63.11 | 55.02 | 41.39 | 23.22 | 7.96 |
| 3 Months Ago (12/06/2011 map) | 24.24 | 75.76 | 71.33 | 58.44 | 45.92 | 22.87 |
| Start of Calendar Year (12/27/2011 map) | 26.47 | 73.53 | 69.01 | 54.81 | 39.11 | 17.15 |
| Start of Water Year (09/27/2011 map) | 18.34 | 81.66 | 76.26 | 70.61 | 63.67 | 53.77 |
| One Year Ago (03/01/2011 map) | 4.74 | 95.26 | 74.28 | 38.60 | 10.76 | 0.00 |

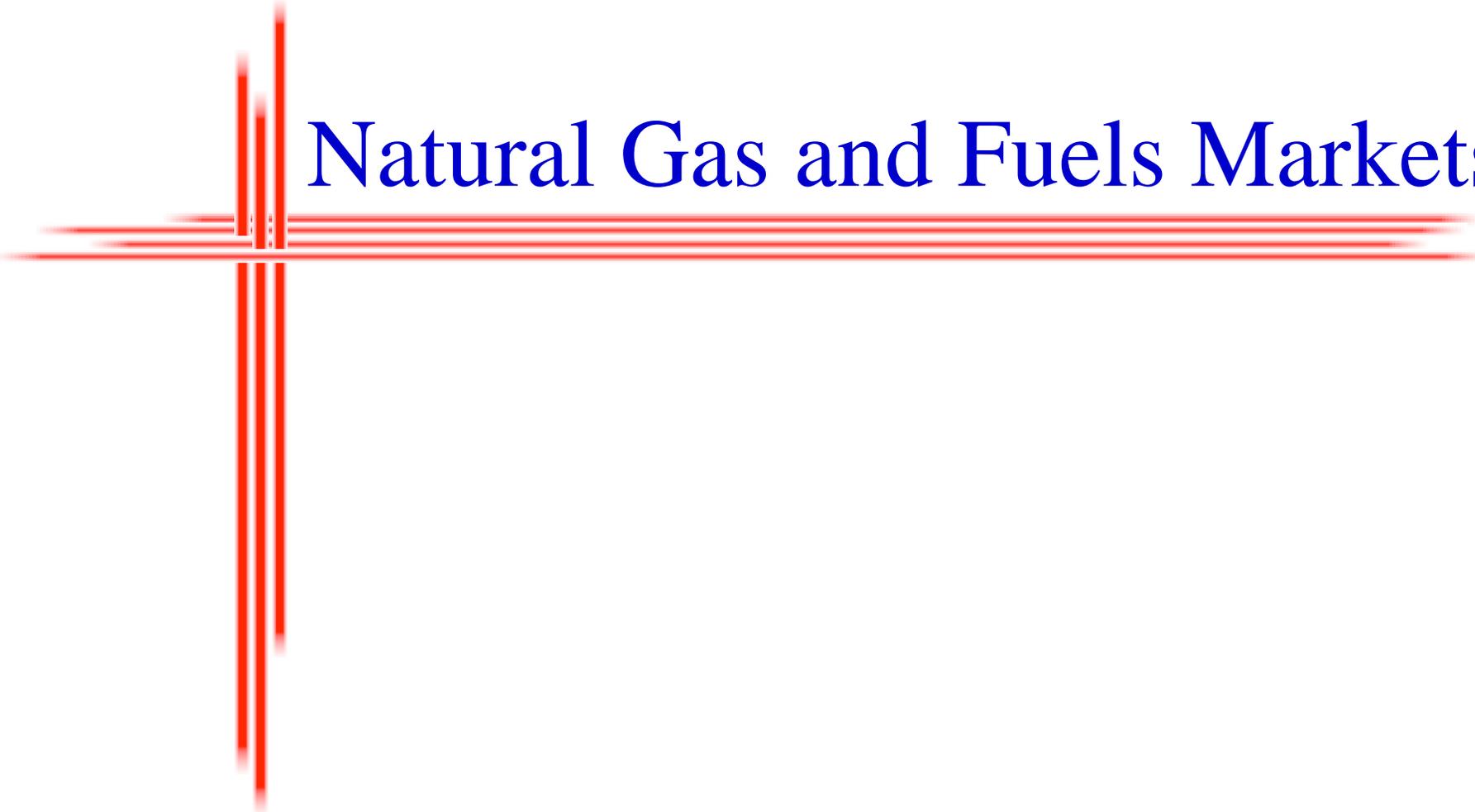


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>

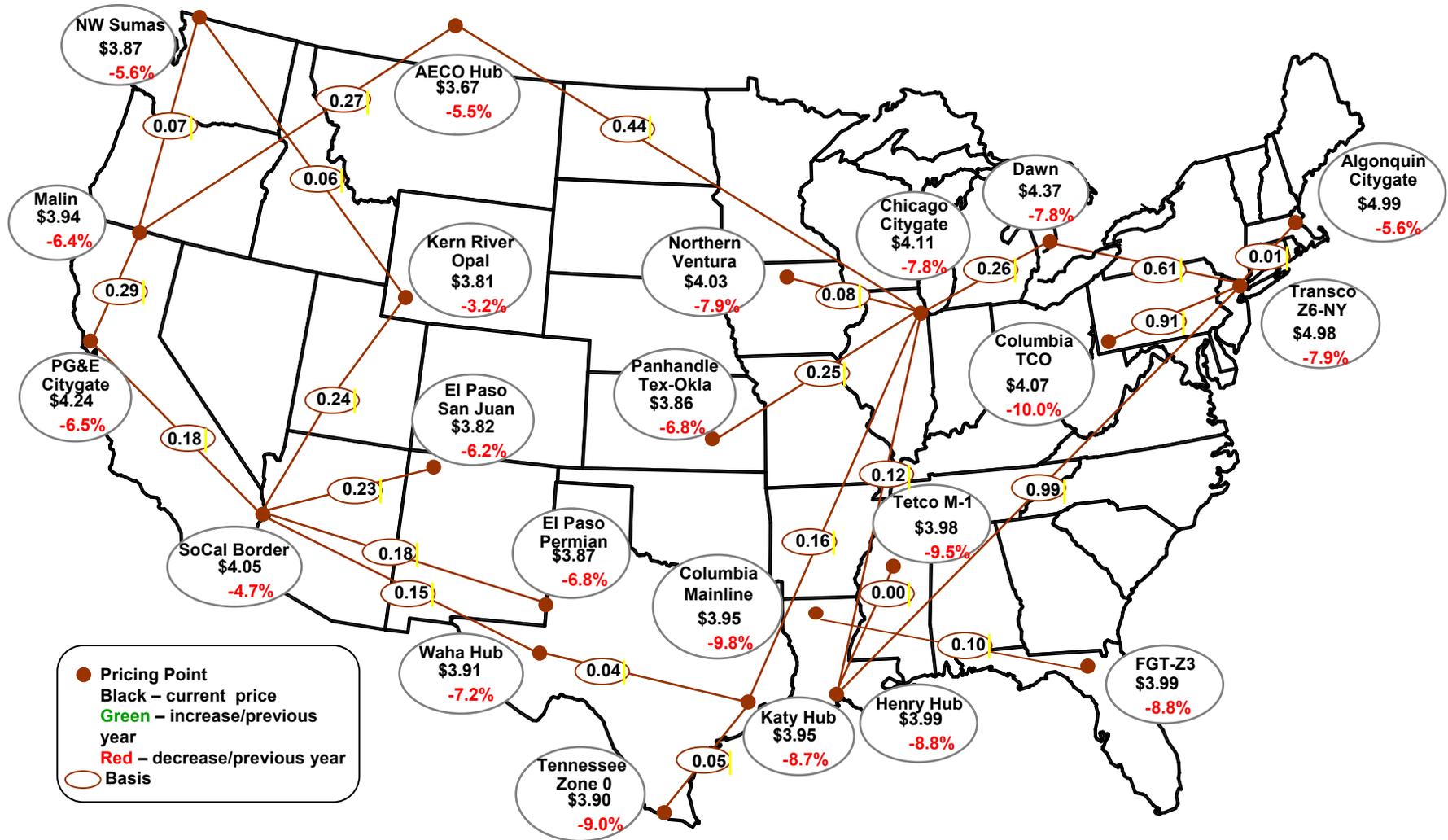


Released Thursday, March 8, 2012
Michael Brewer, National Climatic Data Center, NOAA

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.

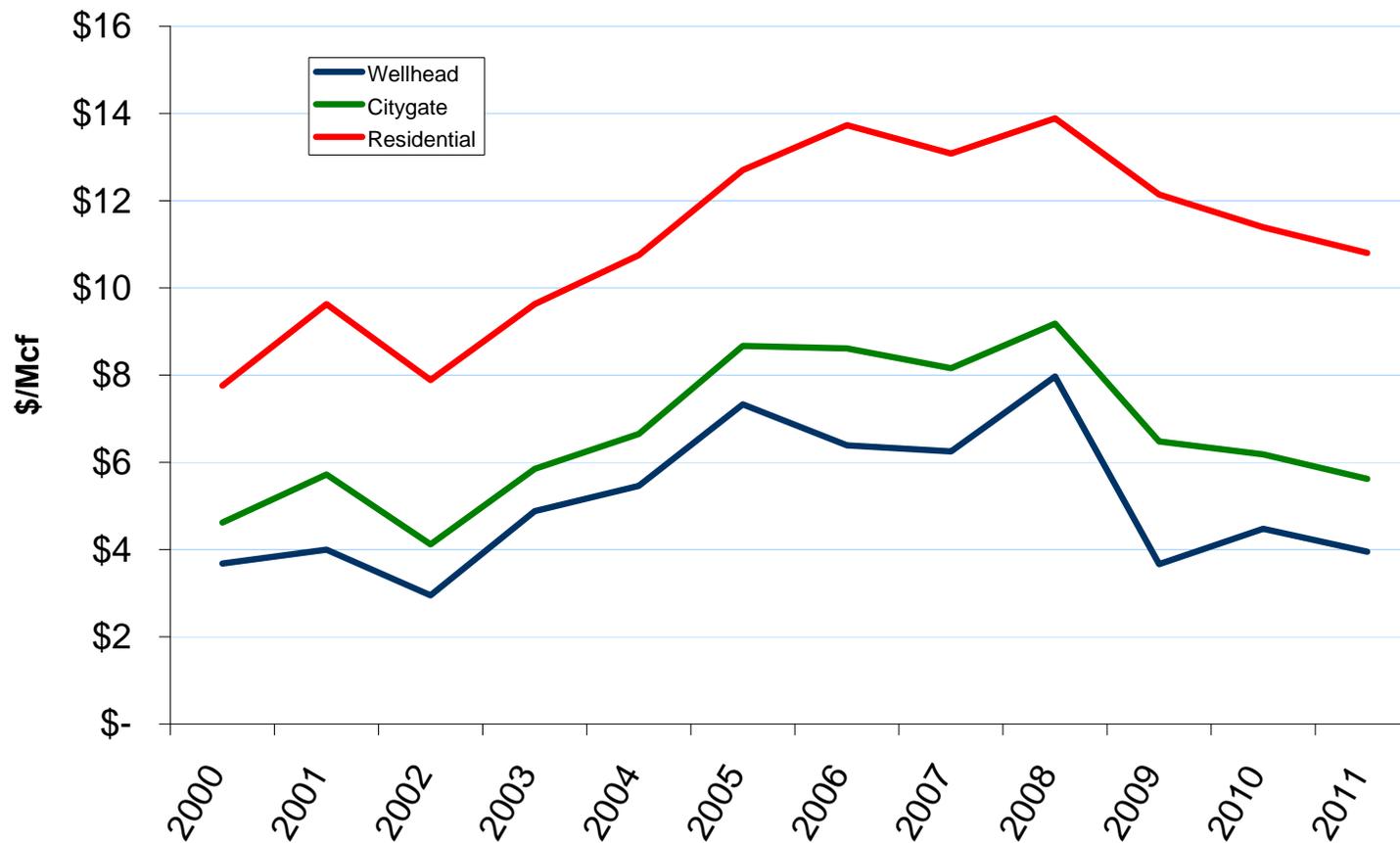
Natural Gas and Fuels Markets

Average Spot Gas Prices, 2011 (\$MMBtu)



Source: Derived from *Platts* data.
 March 2012 National Snapshot

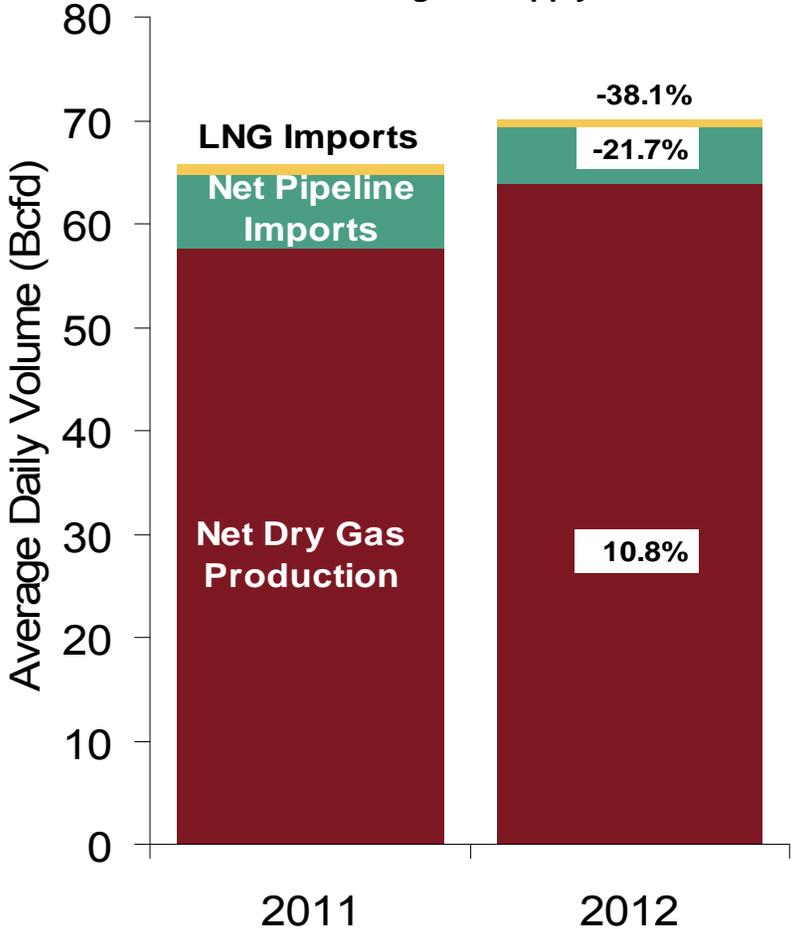
Residential Gas Price Trends Lag Behind Wholesale Prices



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

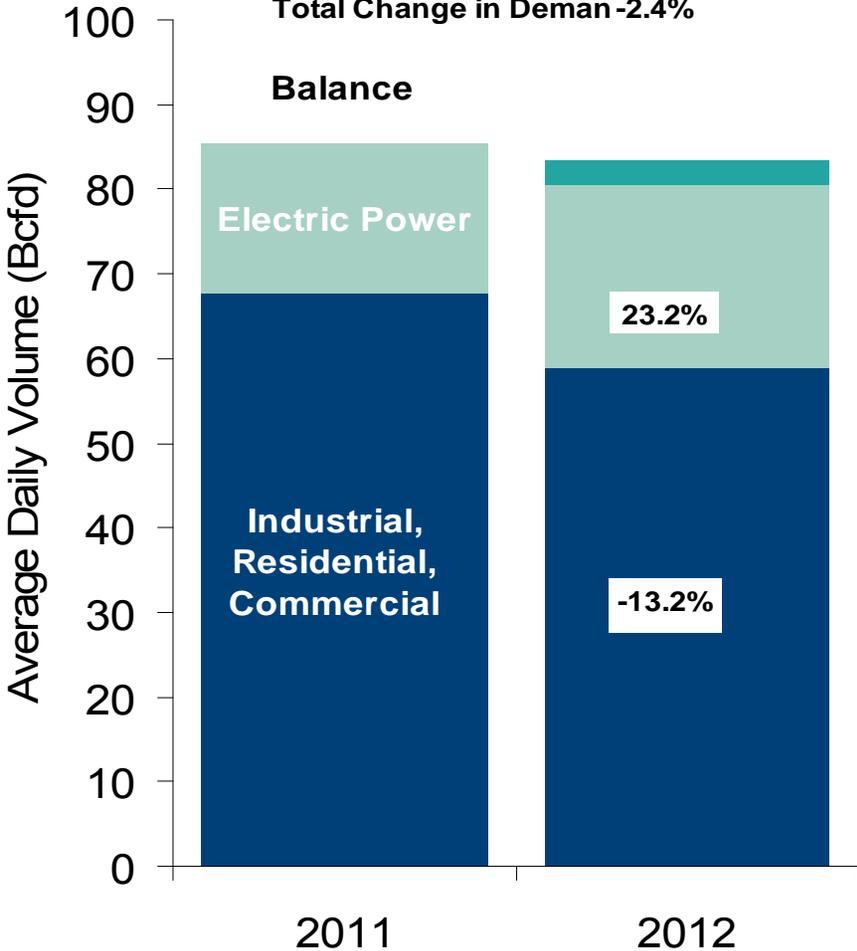
US Natural Gas Supply

Total Change in Supply 6.5%



US Natural Gas Demand

Total Change in Demand -2.4%



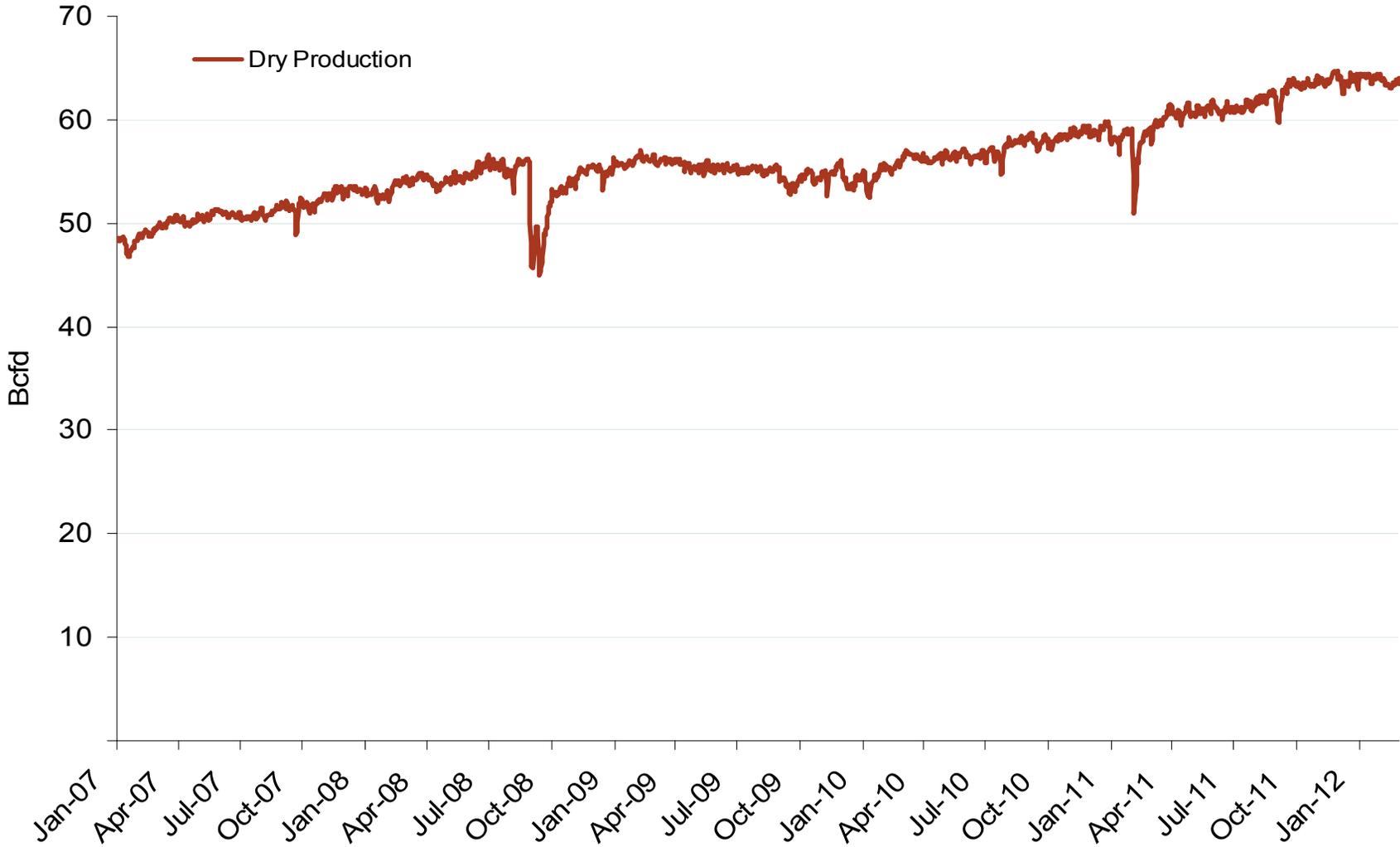
Note: Balance includes all amounts not attributable to other categories.

Source: Derived from Bentek Energy data

March 2012 National Snapshot

Updated: March 09, 2012

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



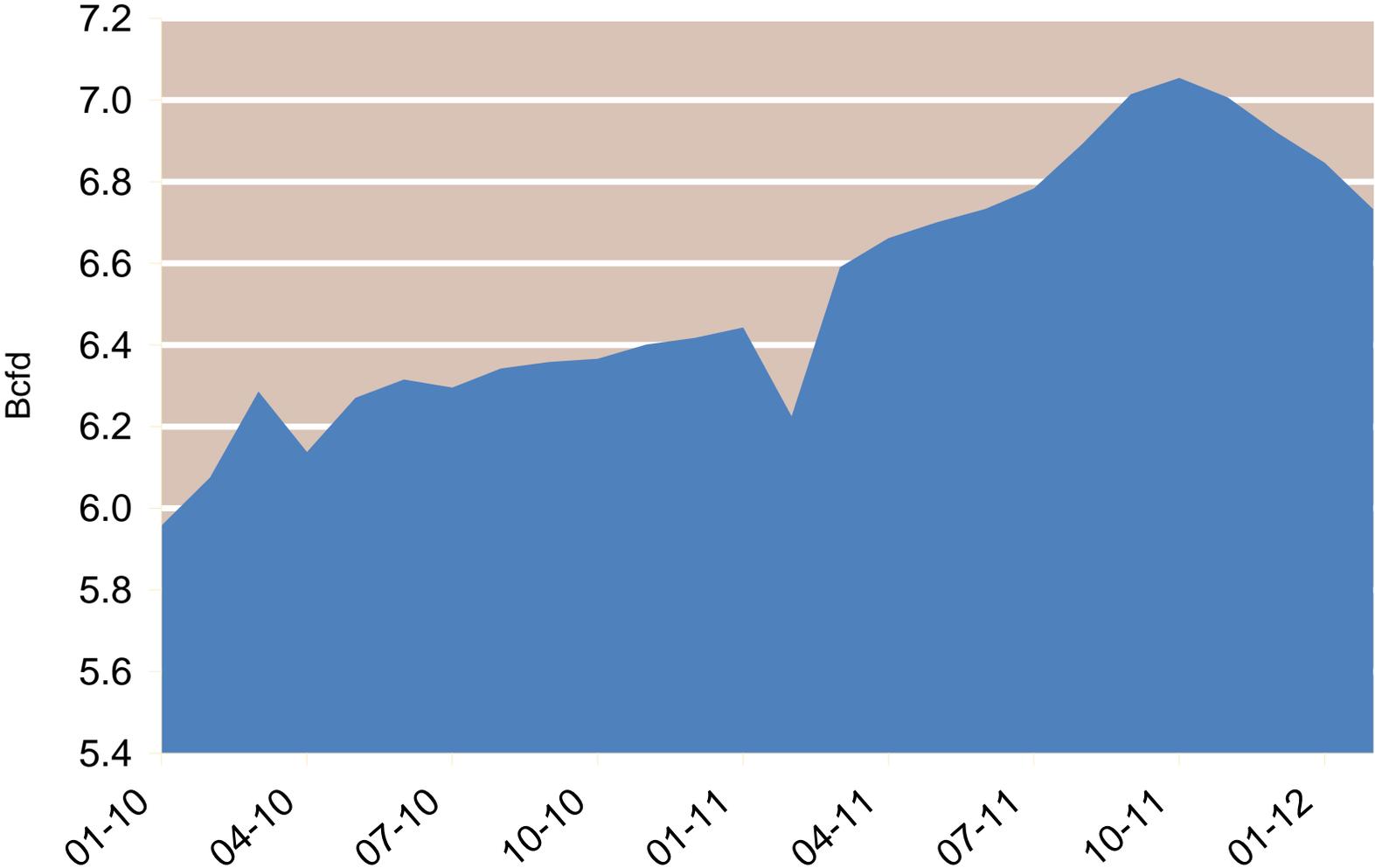
Note: Prior to July 2010, chart was derived from a combination of EIA and Bentek Energy data

Source: Derived from Bentek Energy data

March 2012 National Snapshot

Updated: March 09, 2012

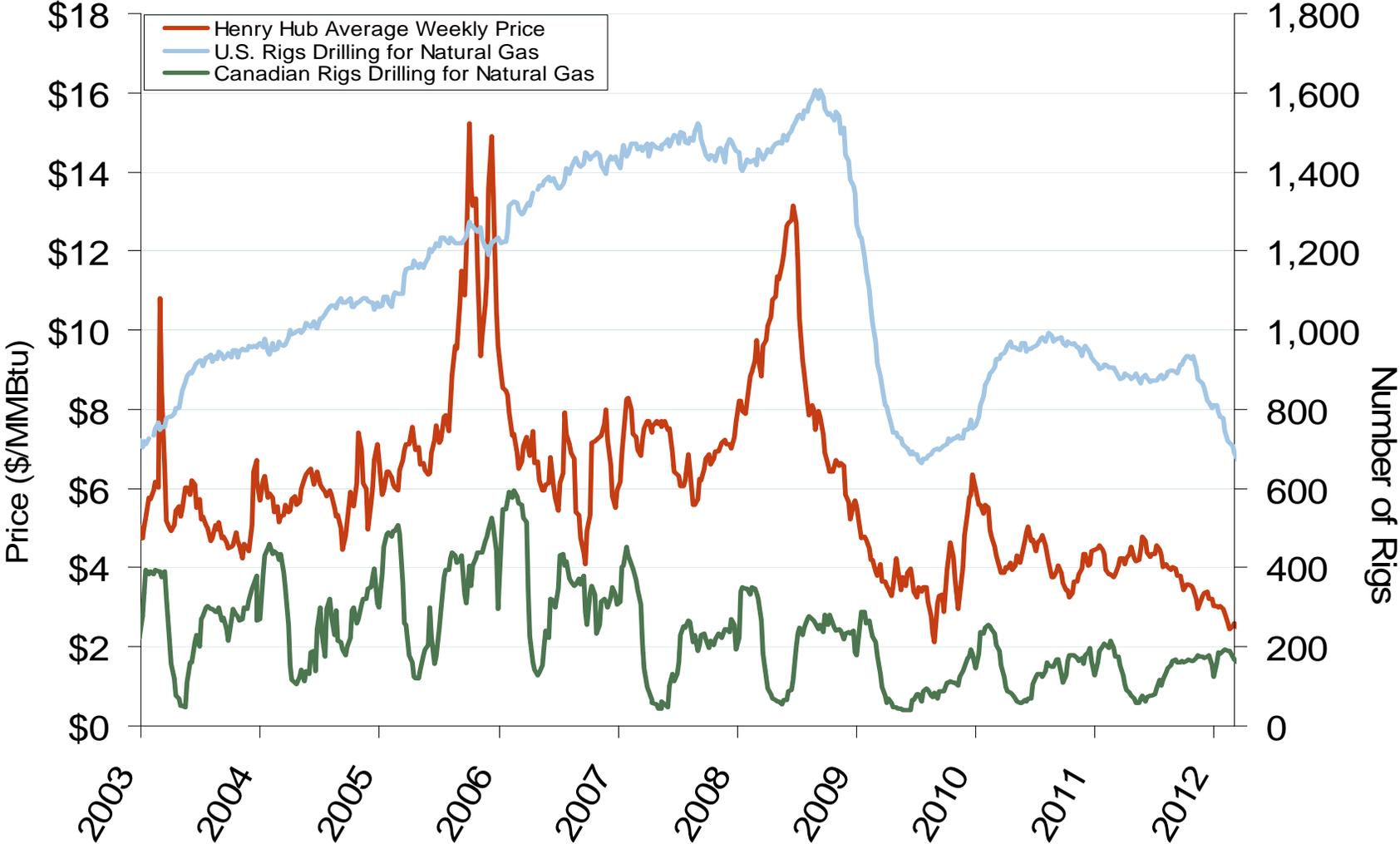
Midcontinent Production Rises Sharply



Source: Baker Derived from Bentek Energy data

Updated February 24, 2012

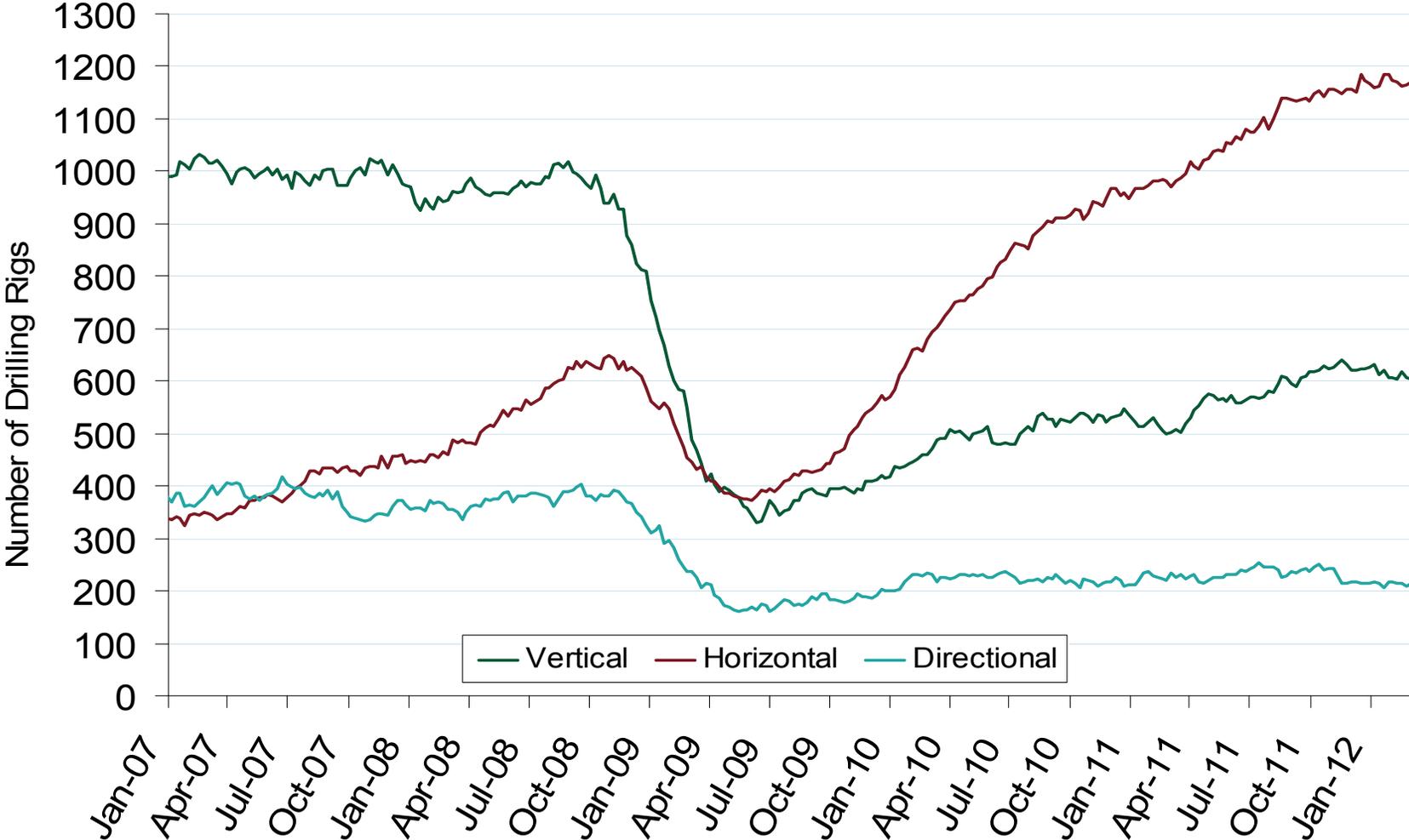
U.S. and Canadian NG Drilling Rig Count and Daily Spot Prices



Source: Derived from *Platts* and *Baker Hughes* data
March 2012 National Snapshot

Updated: March 8, 2012

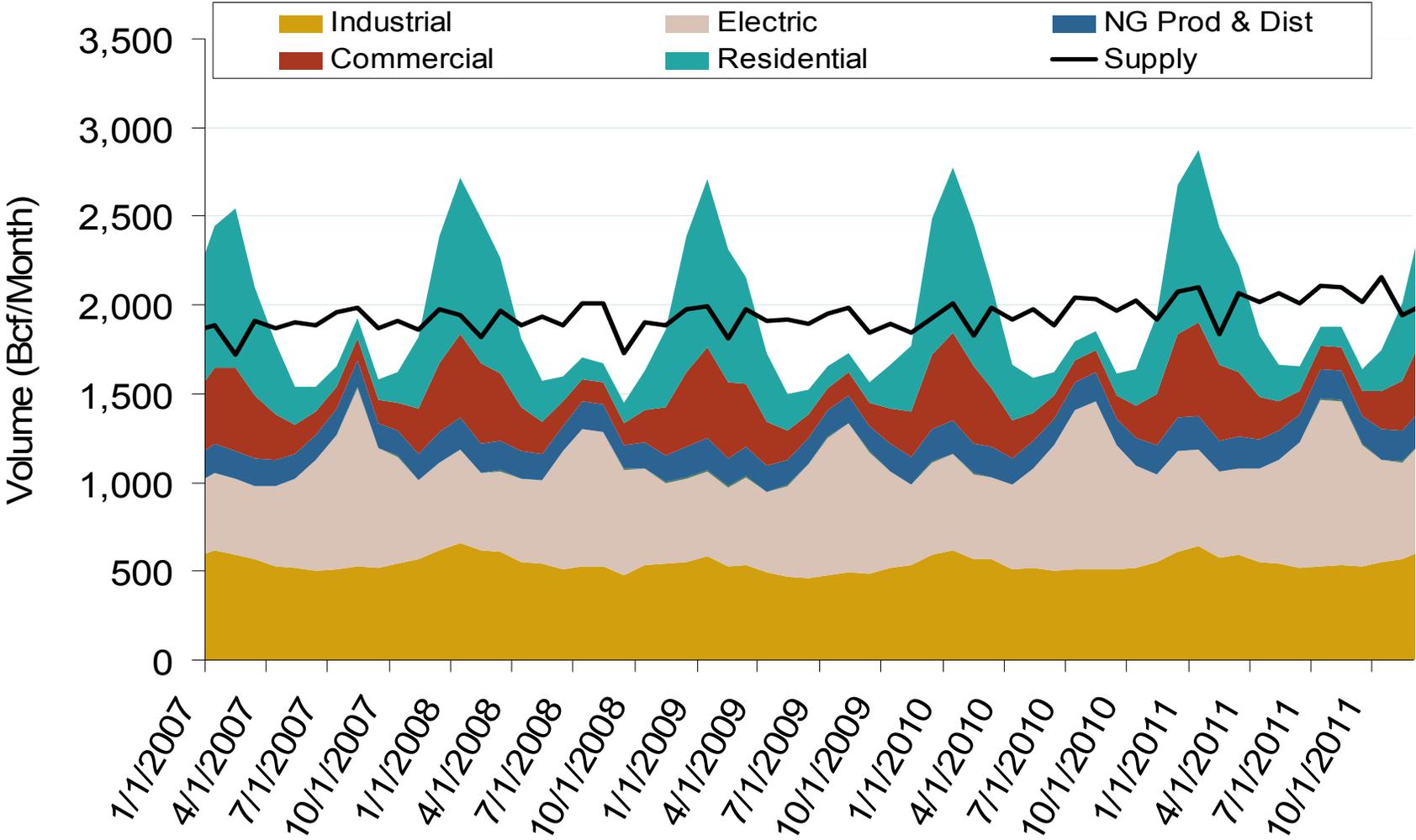
U.S. Oil and Natural Gas Drilling Rig Count by Type



Source: Derived from *Platts* and *Baker Hughes* data
March 2012 National Snapshot

Updated: March 06, 2012

Annual U.S. Natural Gas Consumption by Sector



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

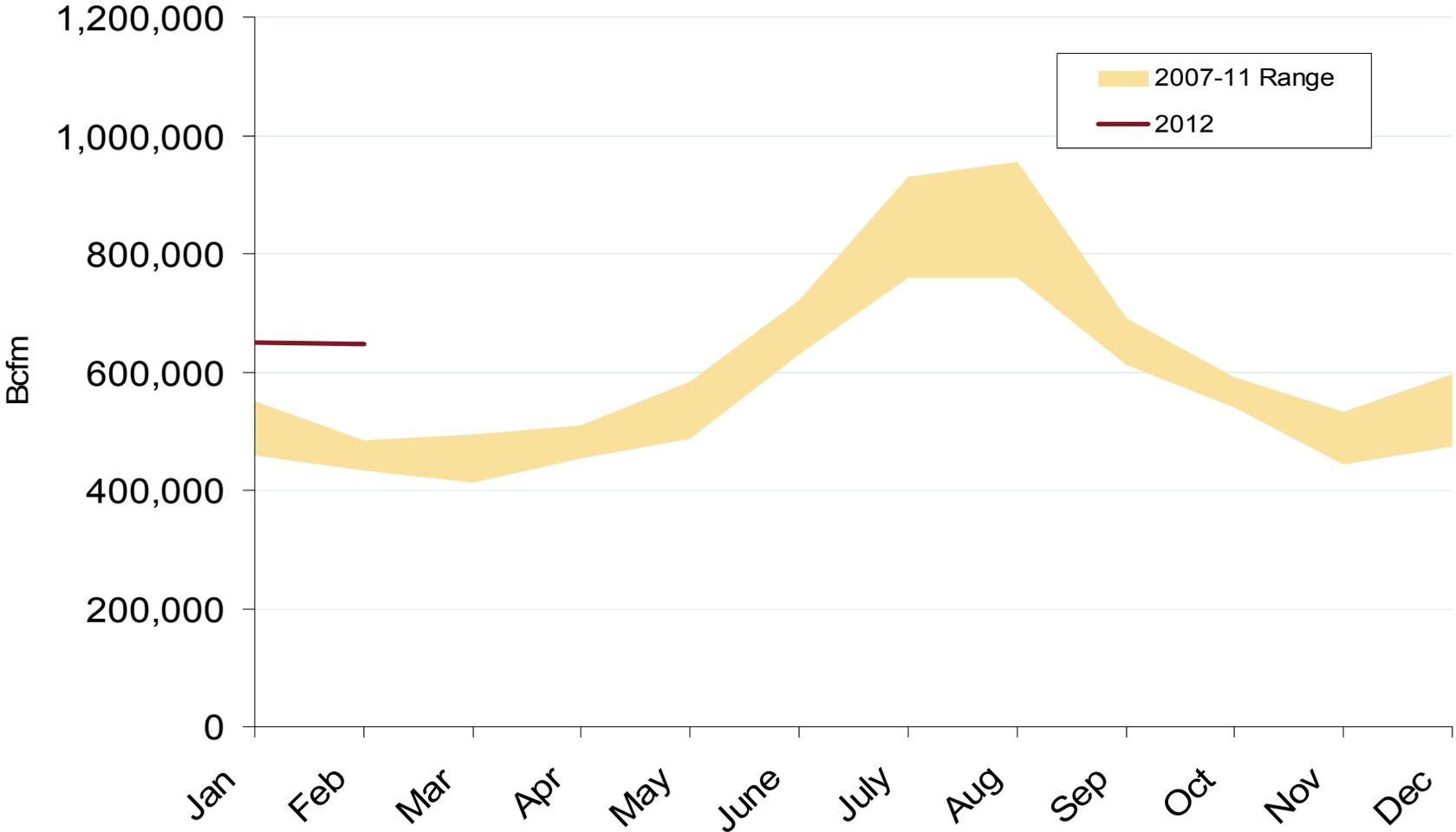
Source: Derived from EIA data

March 2012 National Snapshot

Updated: March 06, 2012

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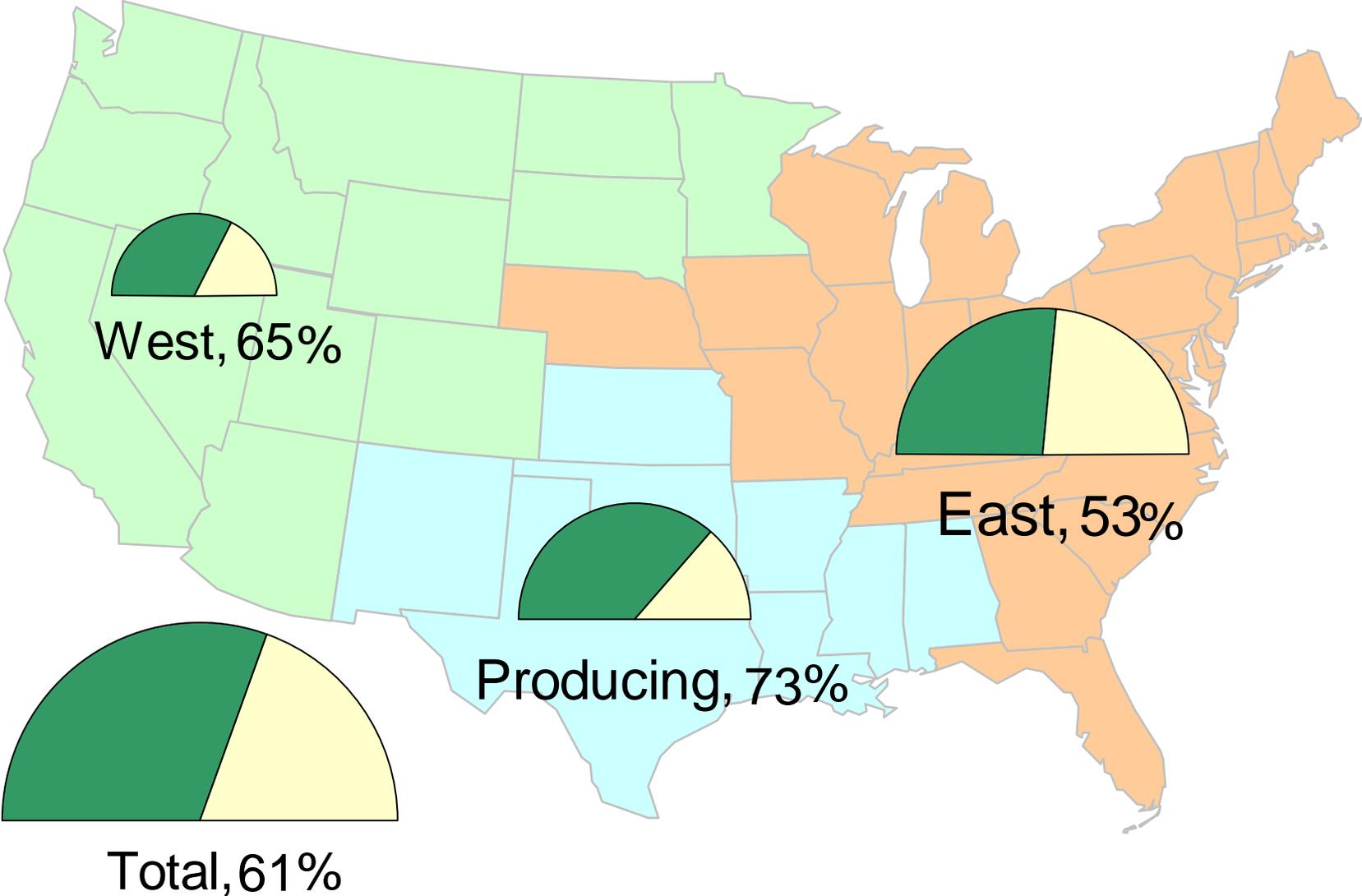
U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data
March 2012 National Snapshot

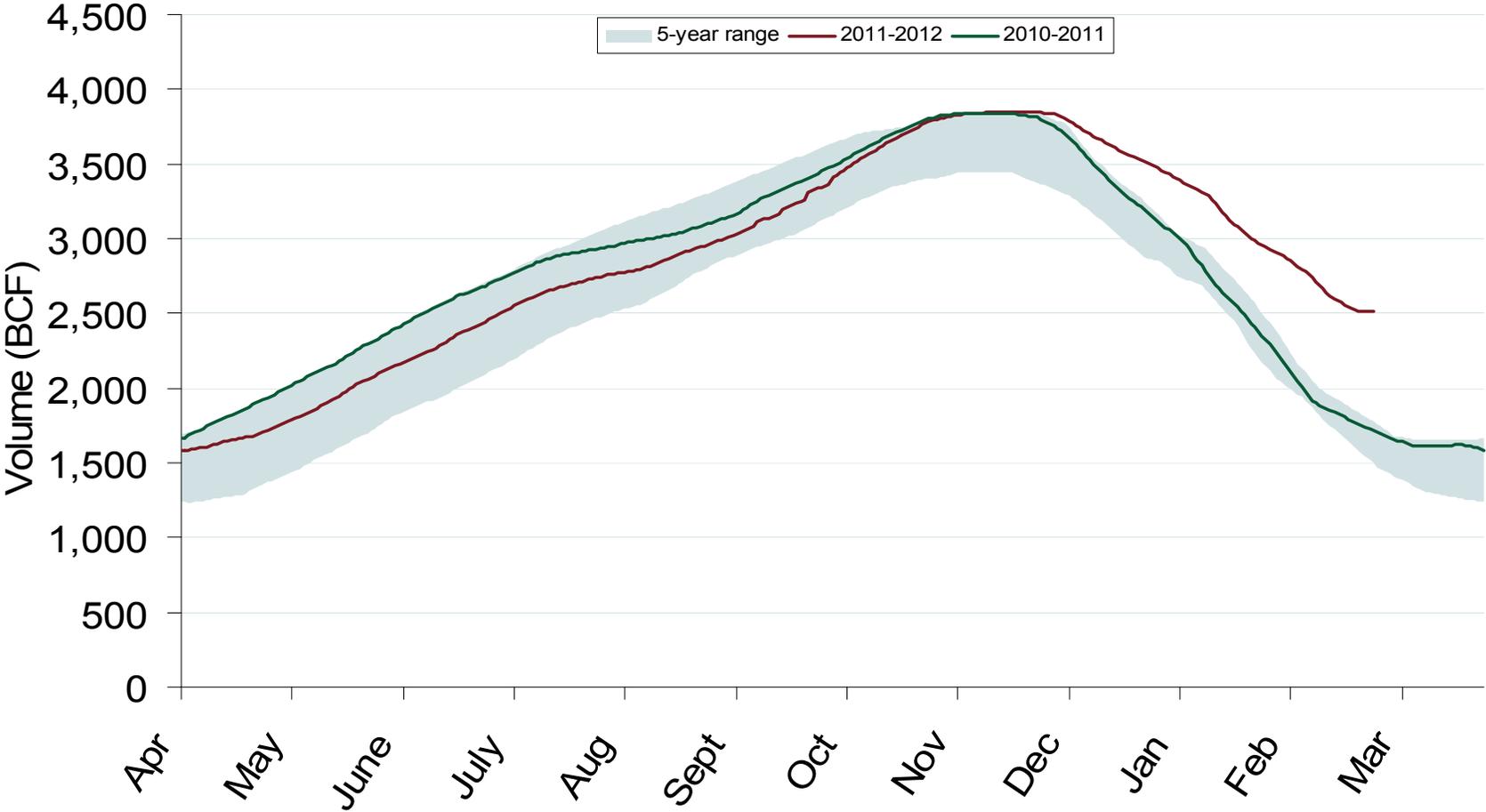
Updated: March 12, 2012

Natural Gas Storage Inventories – March 2, 2012



Source: Derived from EIA Storage and Estimated Working Gas Capacity data
March 2012 National Snapshot

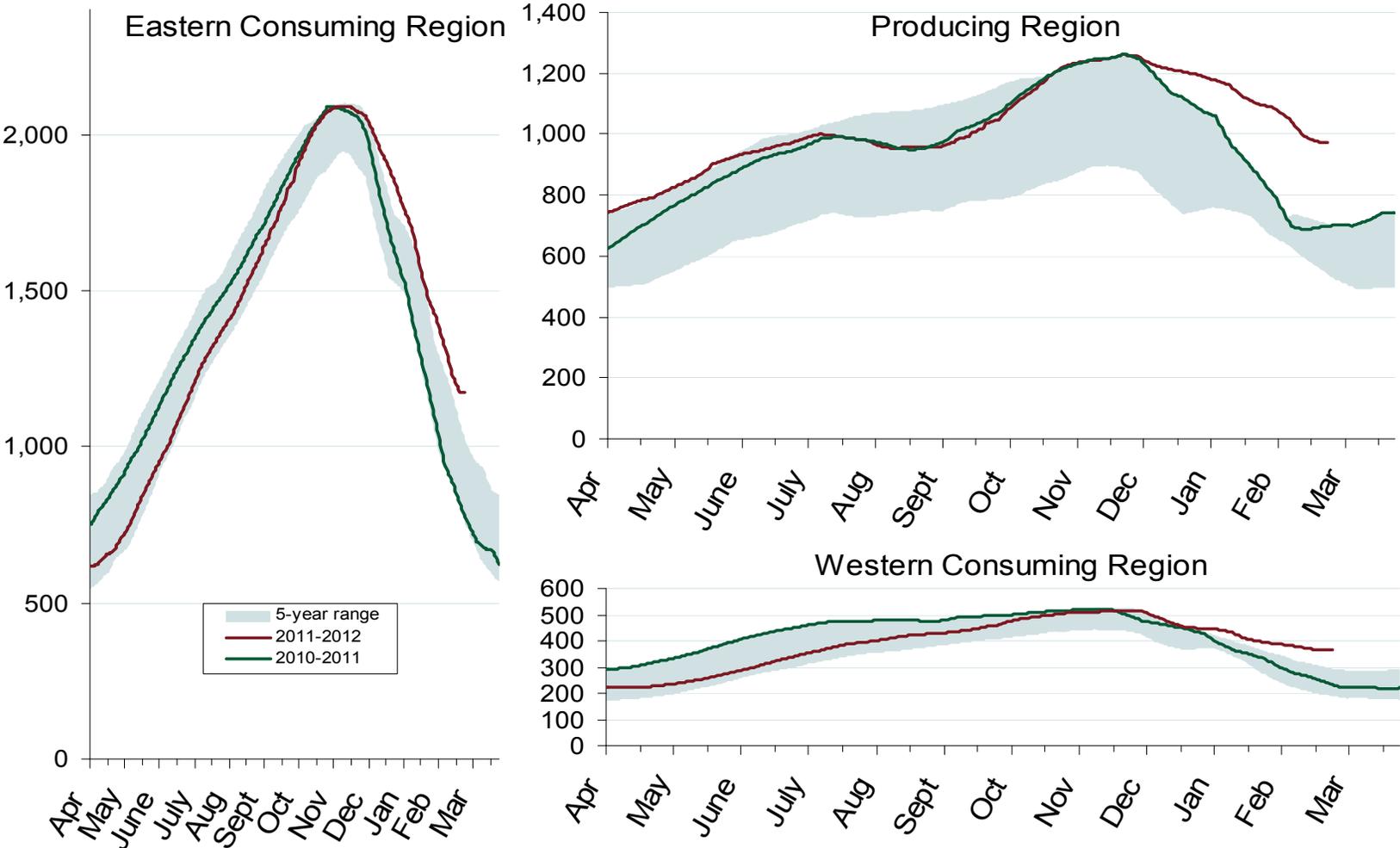
Total U.S. Working Gas in Storage



Source: Derived from EIA data
March 2012 National Snapshot

Updated: March 08, 2012

Regional Totals of Working Gas in Storage



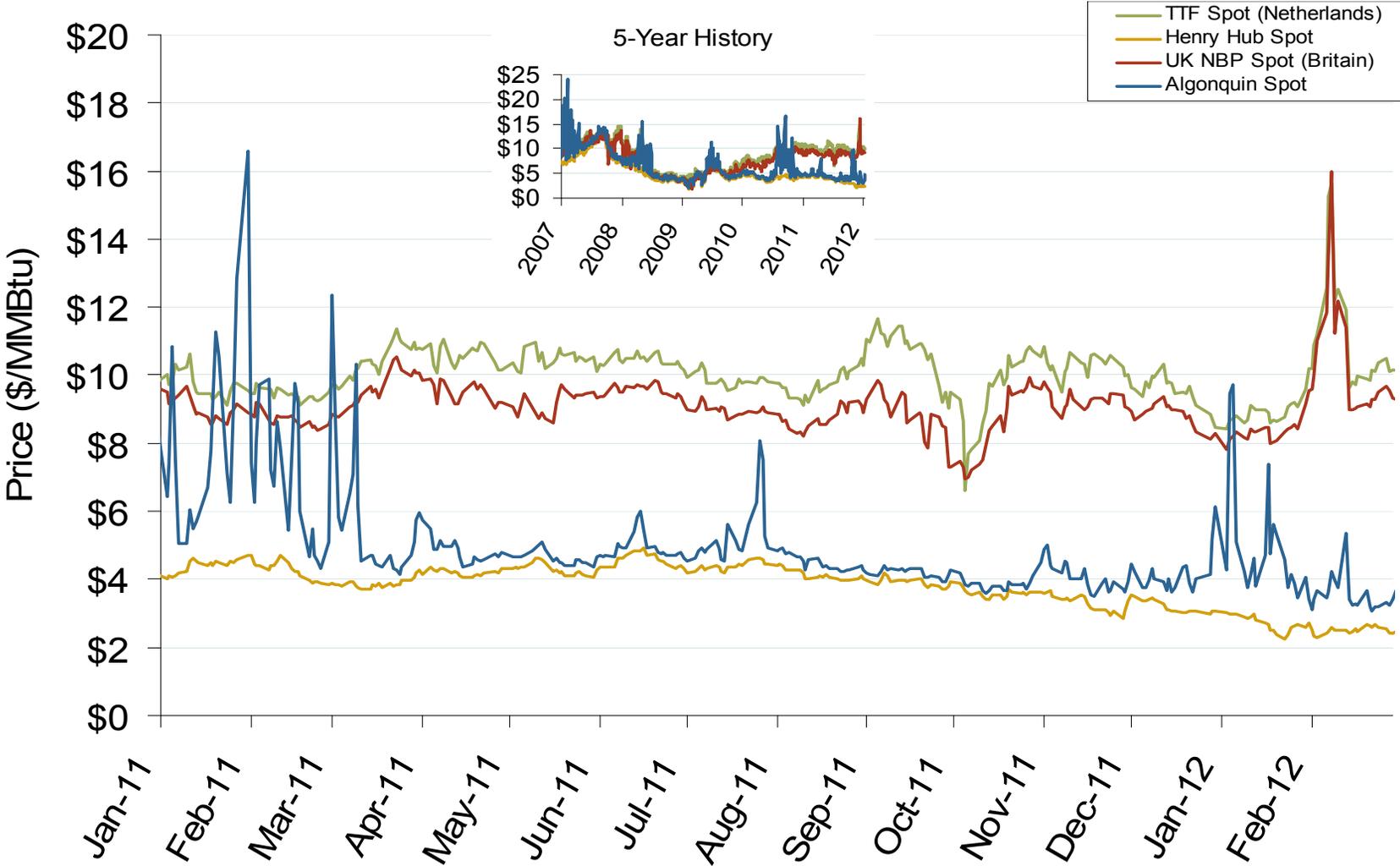
Source: Derived from EIA data
March 2012 National Snapshot

Updated: March 08, 2012

World LNG Estimated April 2012 Landed Prices



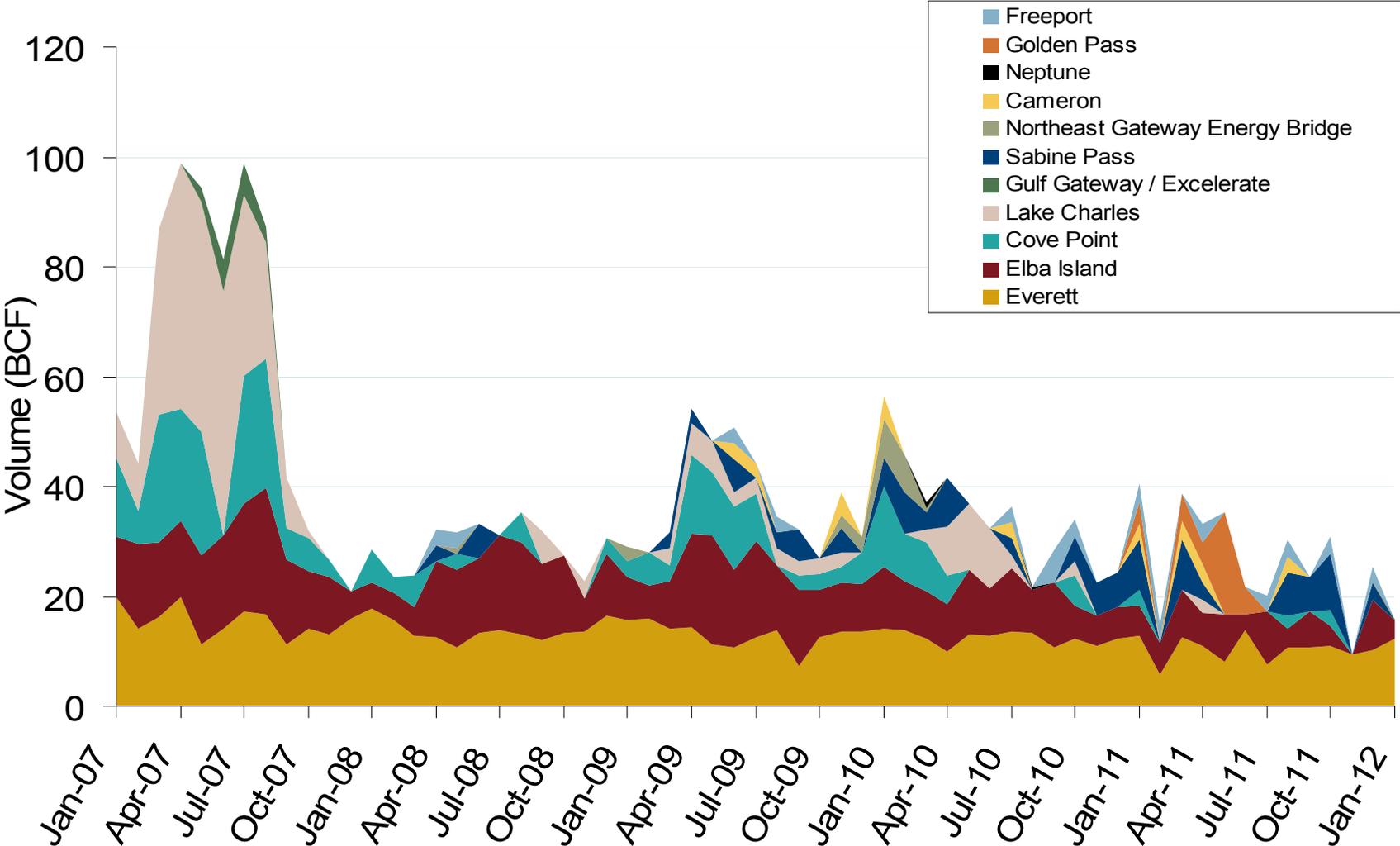
Atlantic Basin European and US Spot Natural Gas Prices



Source: Derived from *Bloomberg* and *ICE* data
March 2012 National Snapshot

Updated: March 06, 2012

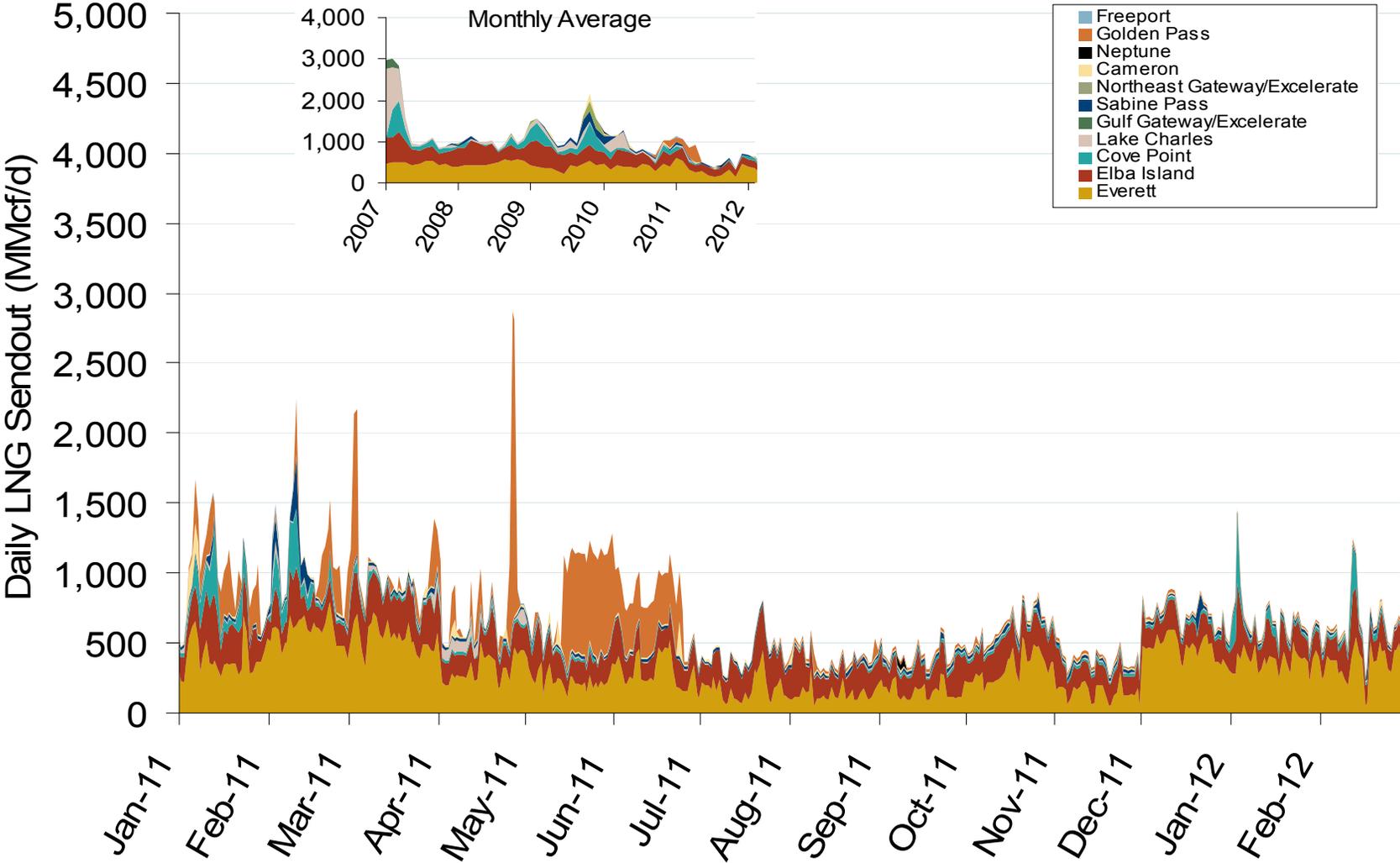
Monthly Gas Imports at Existing U.S. LNG Facilities



Source: Derived from DOE Office of Fossil Energy data
March 2012 National Snapshot

Updated: March 06, 2012

Daily Gas Sendout from Existing LNG Facilities



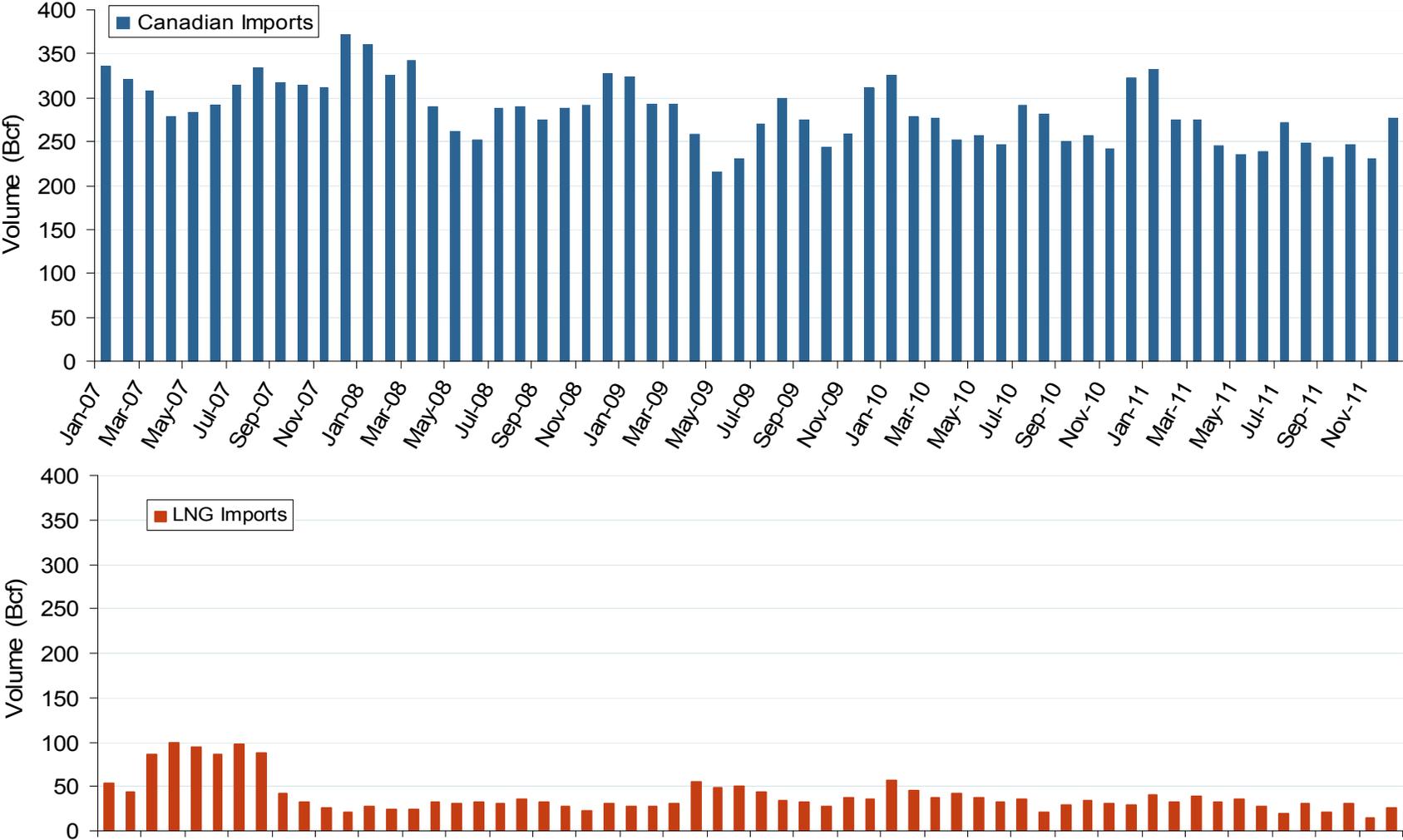
Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan Boston Gas, and LNG trucked out of the terminal. Excludes Freeport LNG which flows via intrastate pipelines

Source: Derived from Bentek data

March 2012 National Snapshot

Updated: March 09, 2012

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

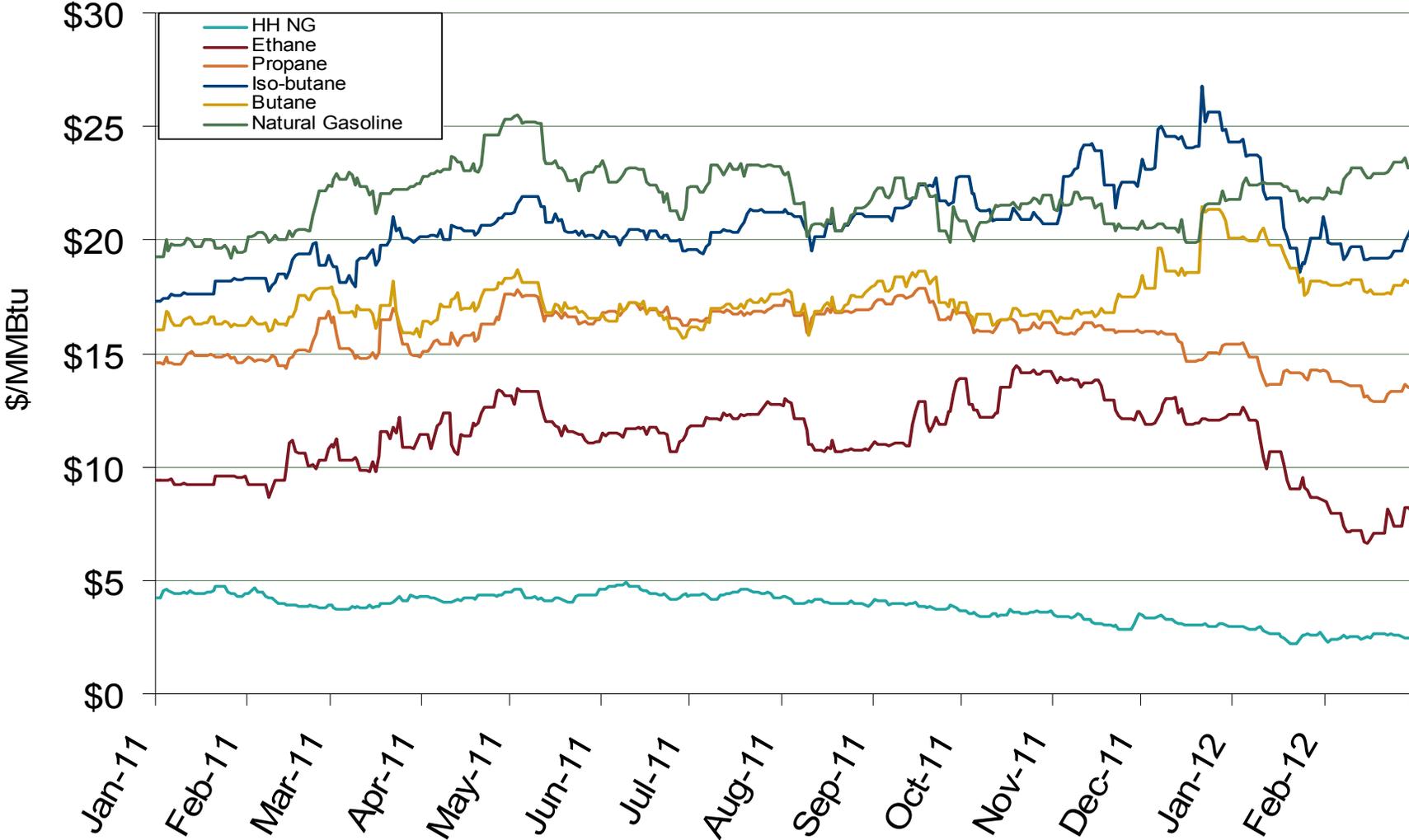


Source: EIA Natural Gas Monthly
March 2012 National Snapshot

Updated: March 06, 2012

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



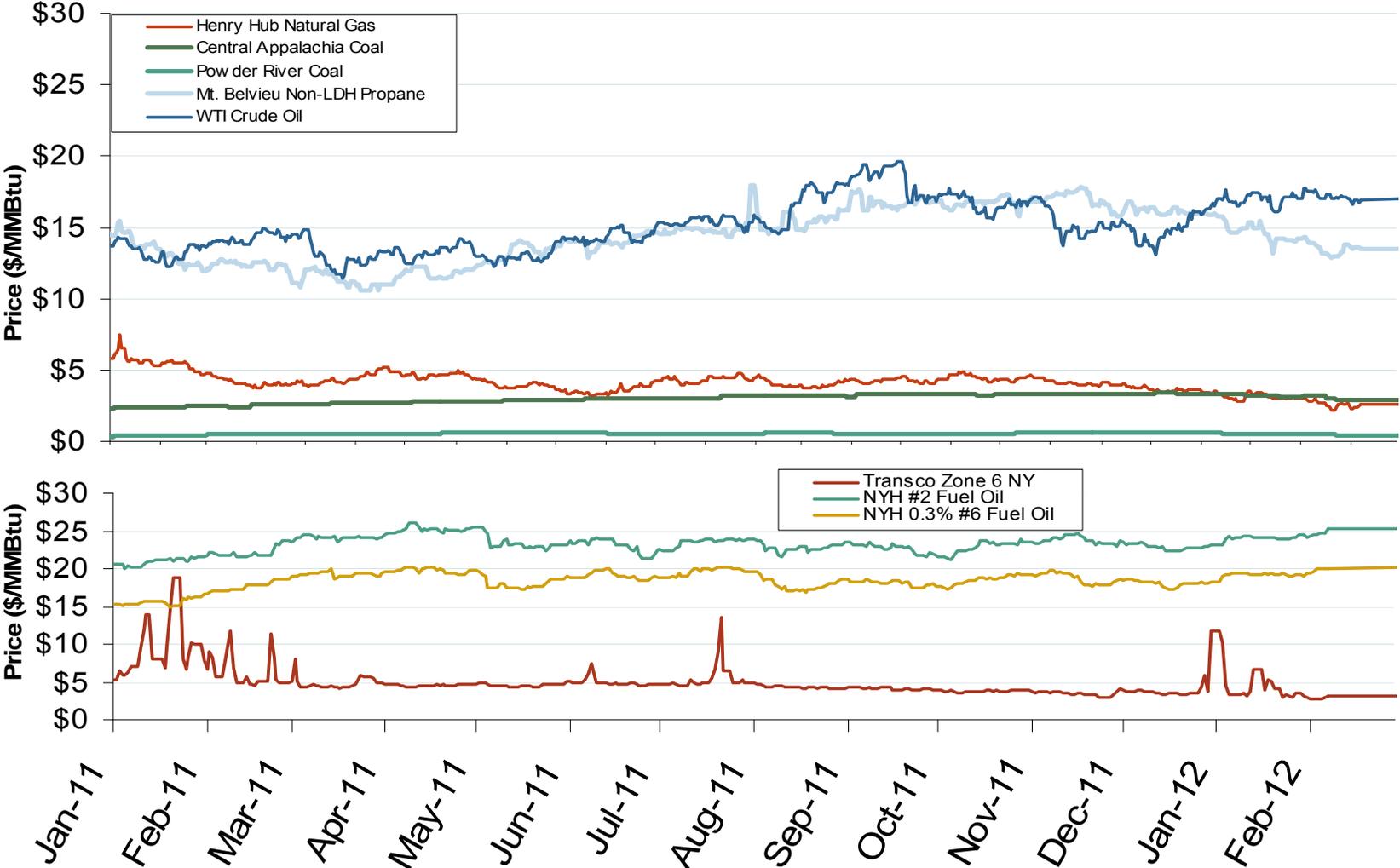
Source: Derived from Bloomberg Data
March 2012 National Snapshot

Updated: March 06, 2012

Other Fuels Market: Fossil Fuel Prices

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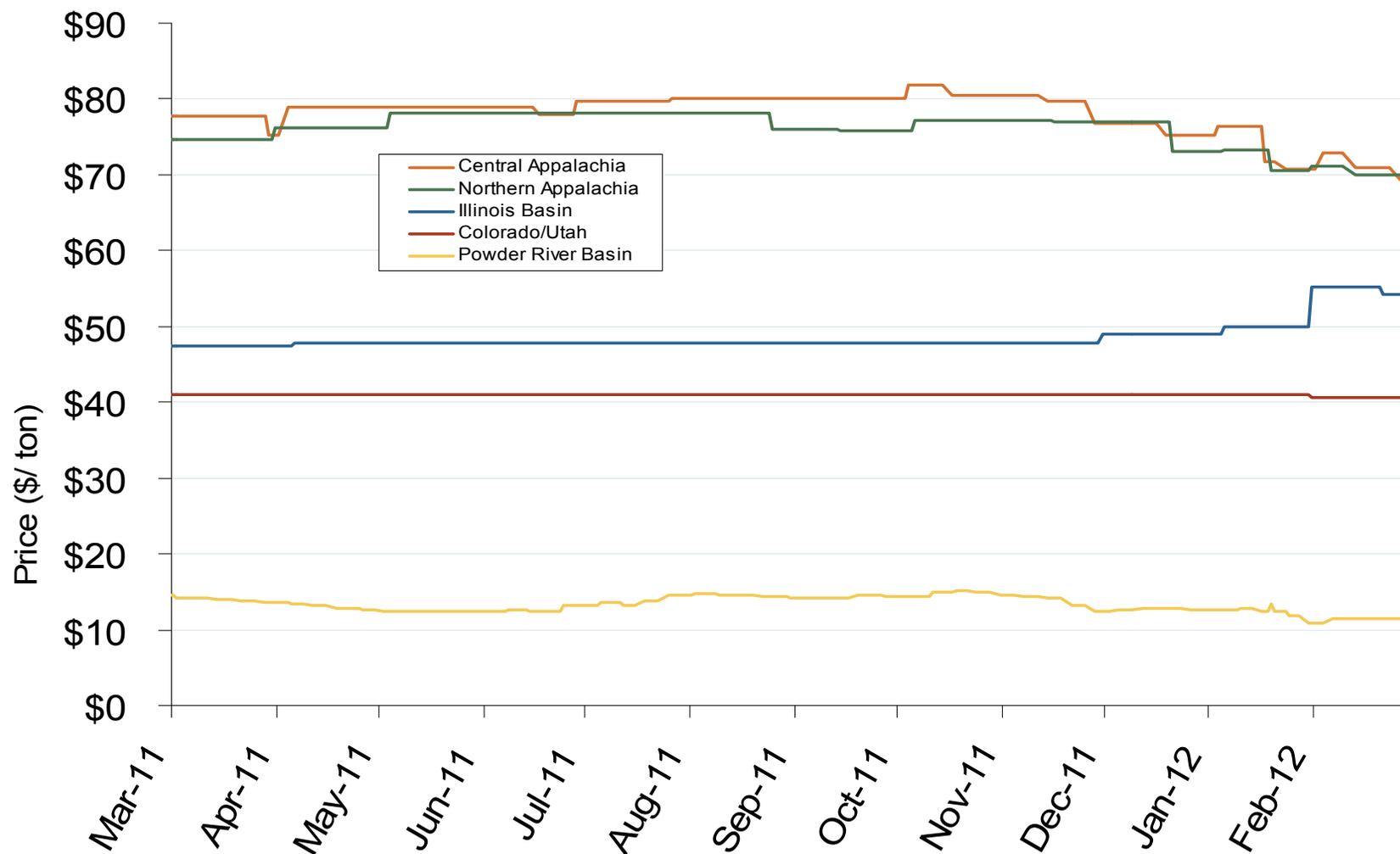
Oil, Coal, Natural Gas and Propane Daily Spot Prices



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

National Electric Market Overview: Coal Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**Central Appalachian and Powder River Basin Coal Prices**

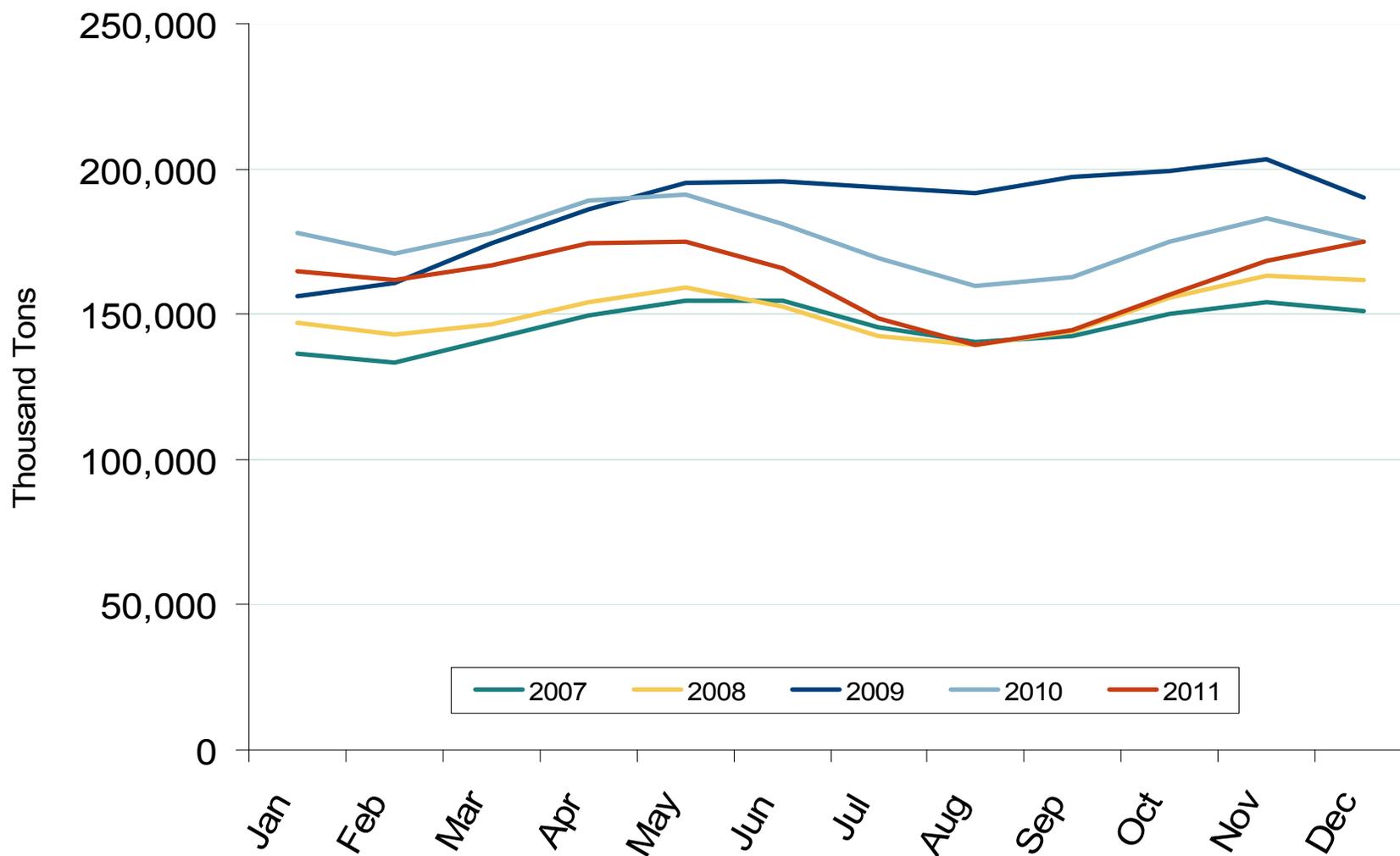
Notes: The Central Appalachian (CAPP) coal is priced at Big Sandy. All others are mine mouth prices. Prices do not include transportation costs to a plant, as those can vary widely by contract specifications. Prices exclude incremental cost of emissions allowances

Source: Derived from *Bloomberg* data

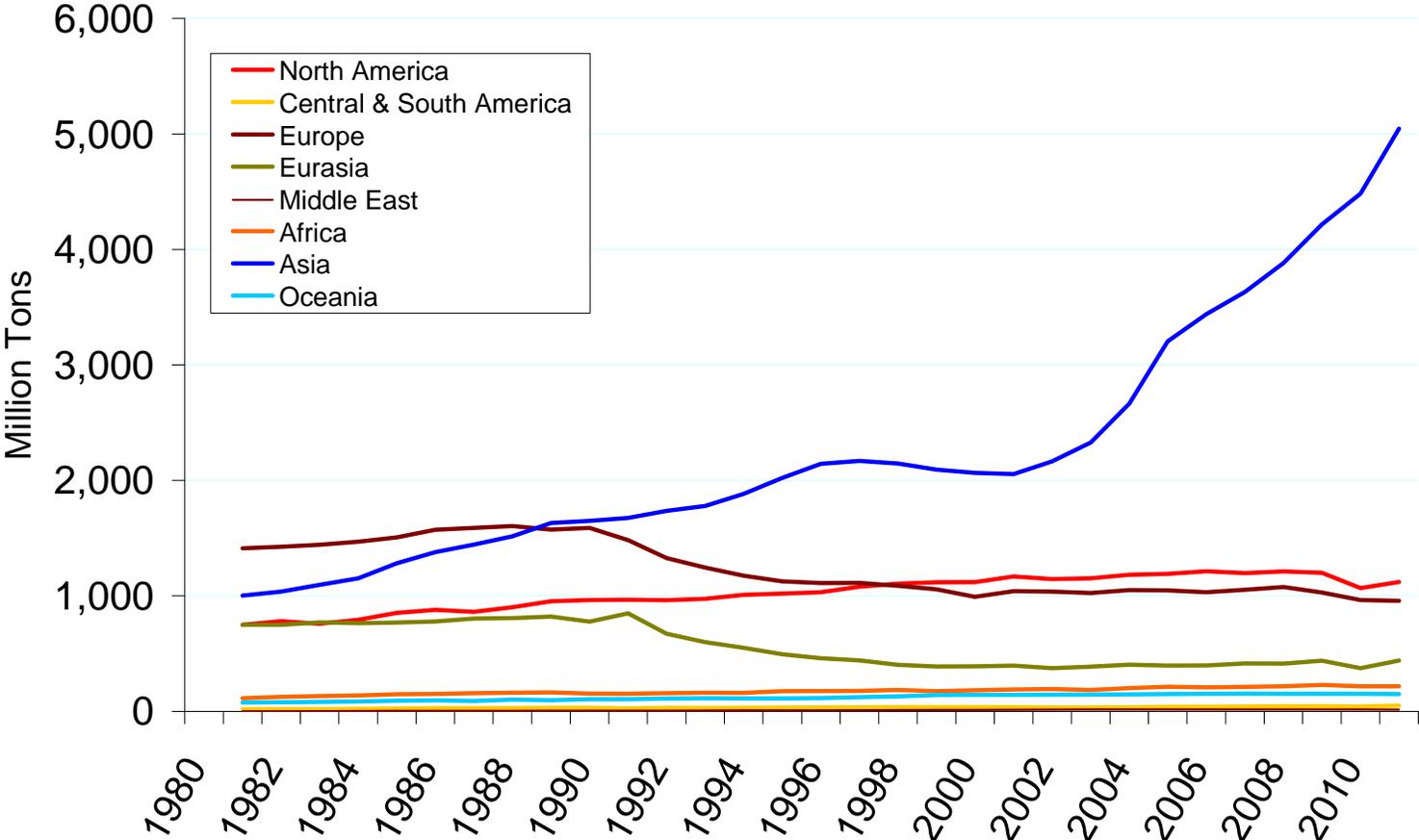
March 2012 National Snapshot

Updated: March 06, 2012

U.S. Coal Stockpiles at Electric Power Generating Facilities



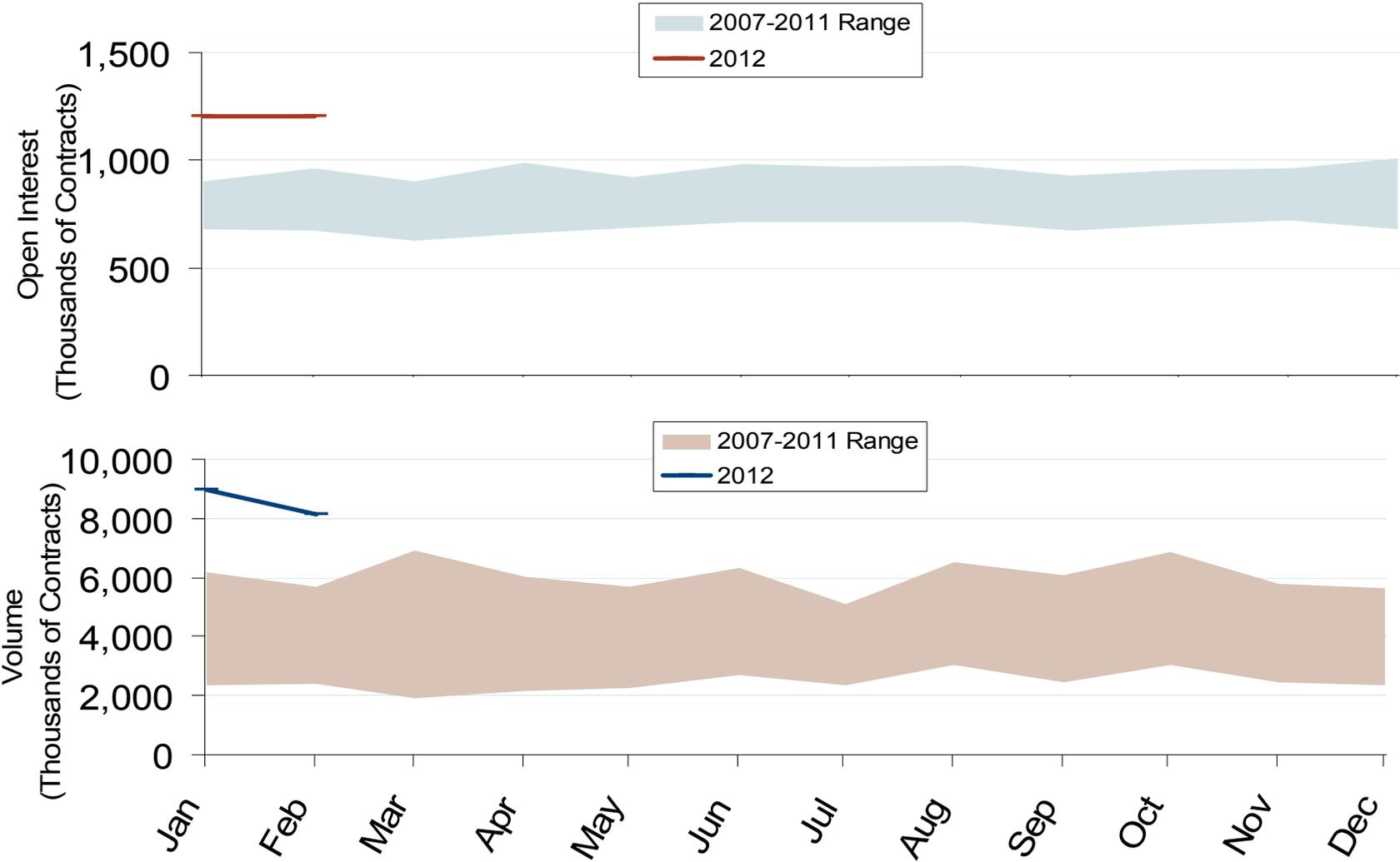
U.S. Coal Producers Find Markets Abroad



Source: Energy Information Administration

Updated February 2, 2012

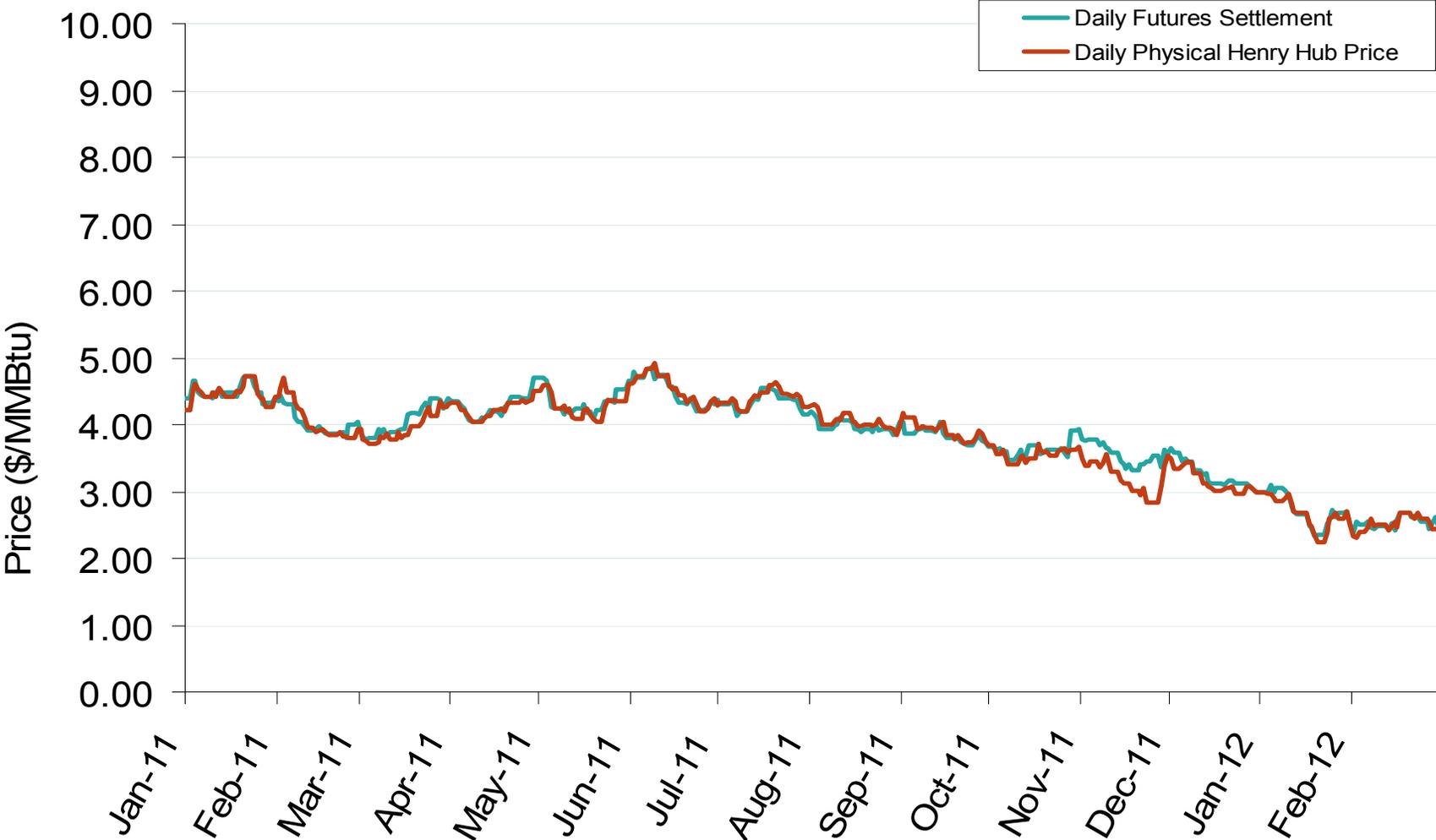
Nymex NG Futures Month-End Open Interest and Monthly Volume



Source: Derived from Nymex data
March 2012 National Snapshot

Updated: March 08, 2012

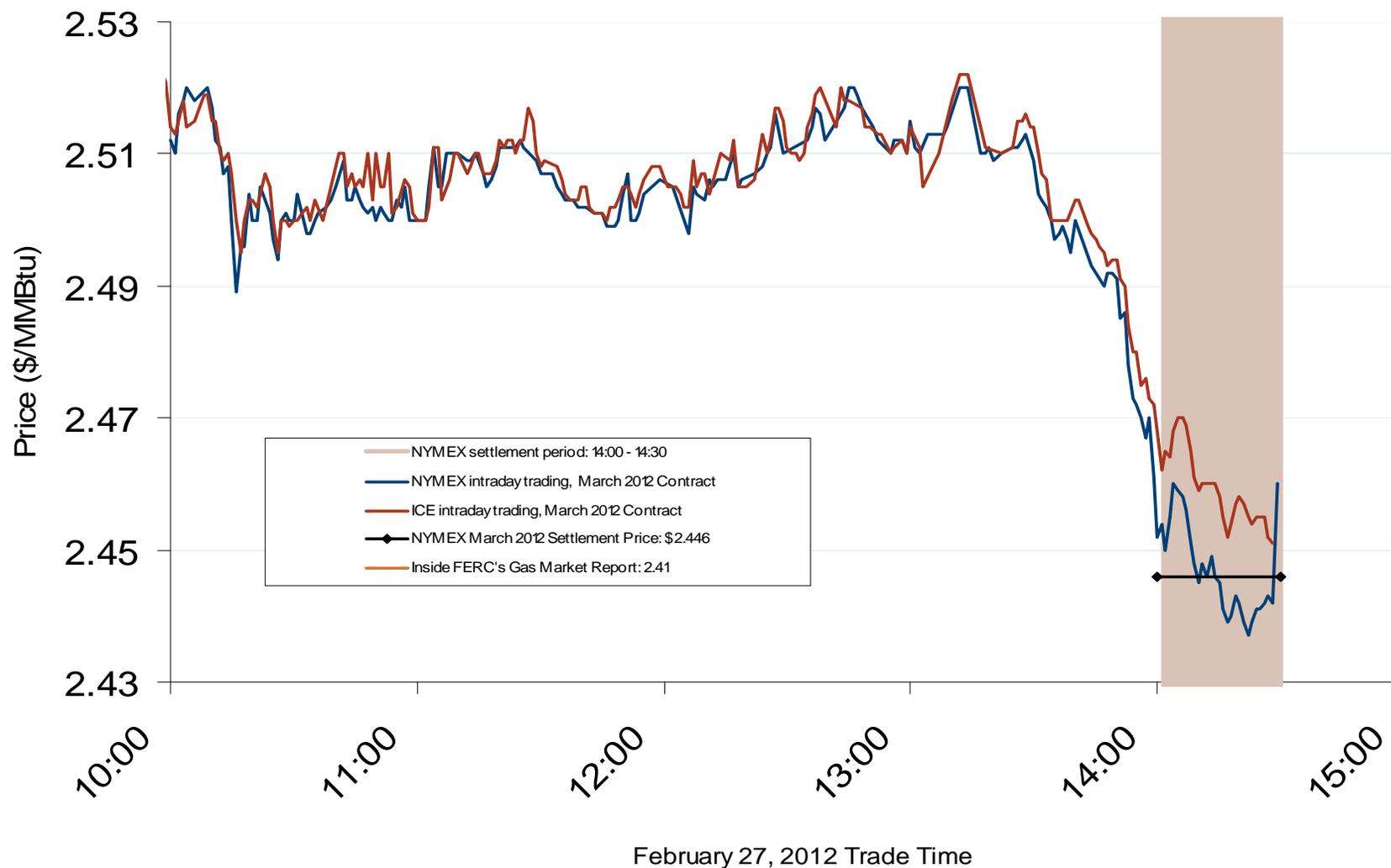
Daily Physical Index Price & Daily Futures Settlement Price



Source: Derived from *Bloomberg* data
March 2012 National Snapshot

Updated: March 06, 2012

Nymex and ICE Contract Final Settlement - March 2012

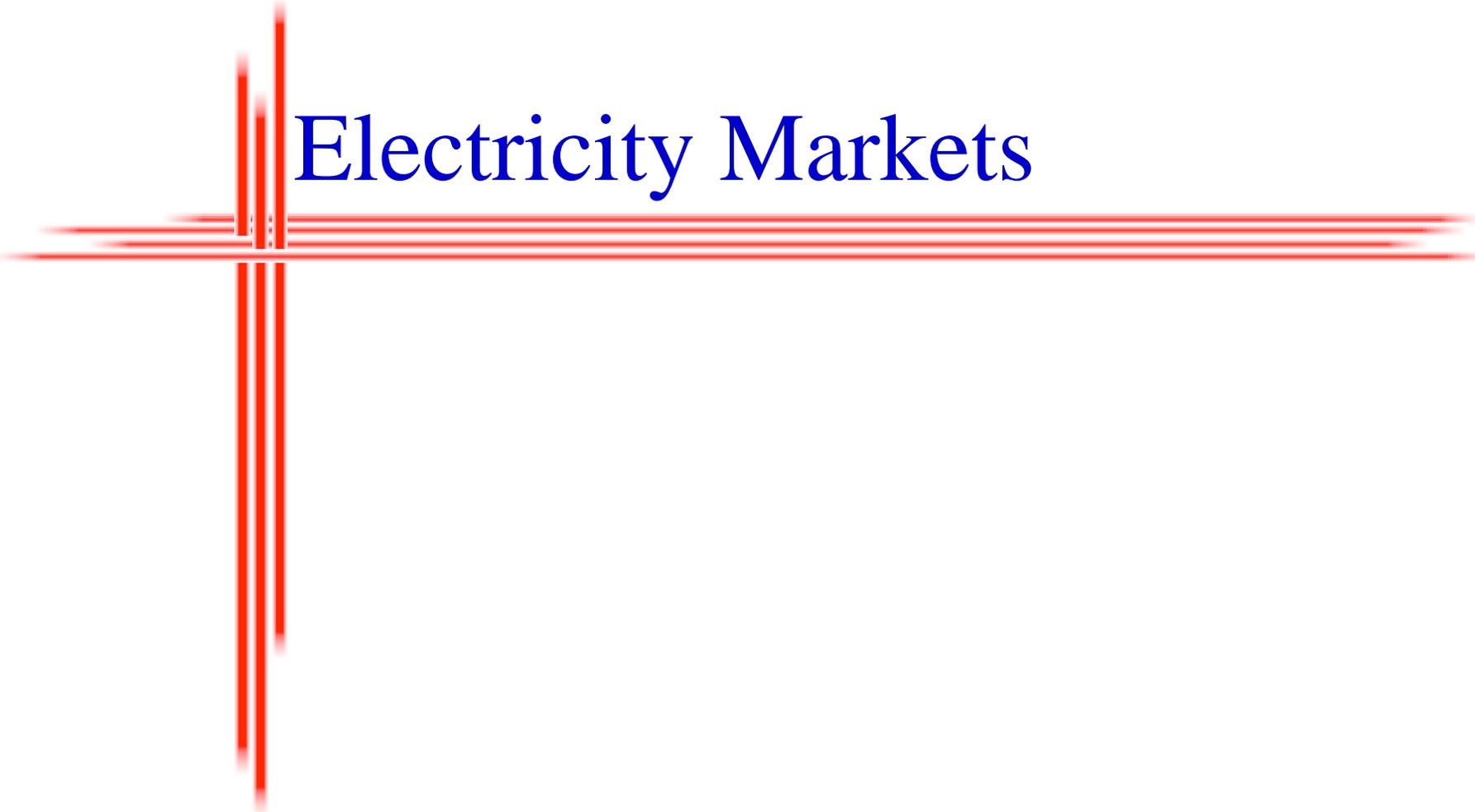


Notes: The final settlement day for this Nymex contract is three business days before the start of the contract term (which is the 1st day of the month)

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

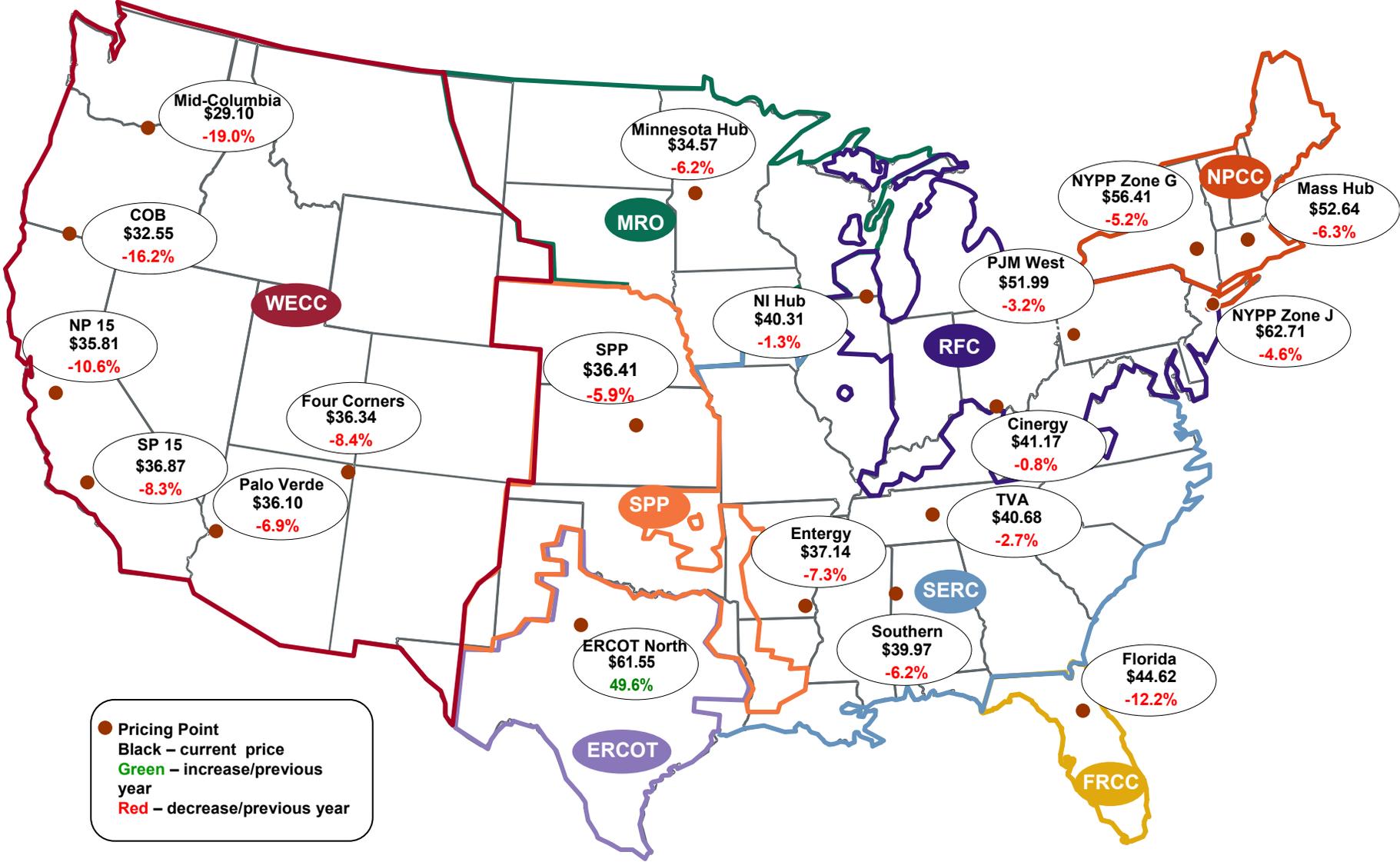
March 2012 National Snapshot

Updated: March 3, 2012



Electricity Markets

Average On-Peak Spot Electric Prices 2011 (\$/MWh)



Source: Derived from *Platts* data.
March 2012 National Snapshot

Updated: March 2, 2012

Electric Market Overview: Regional Spot Prices

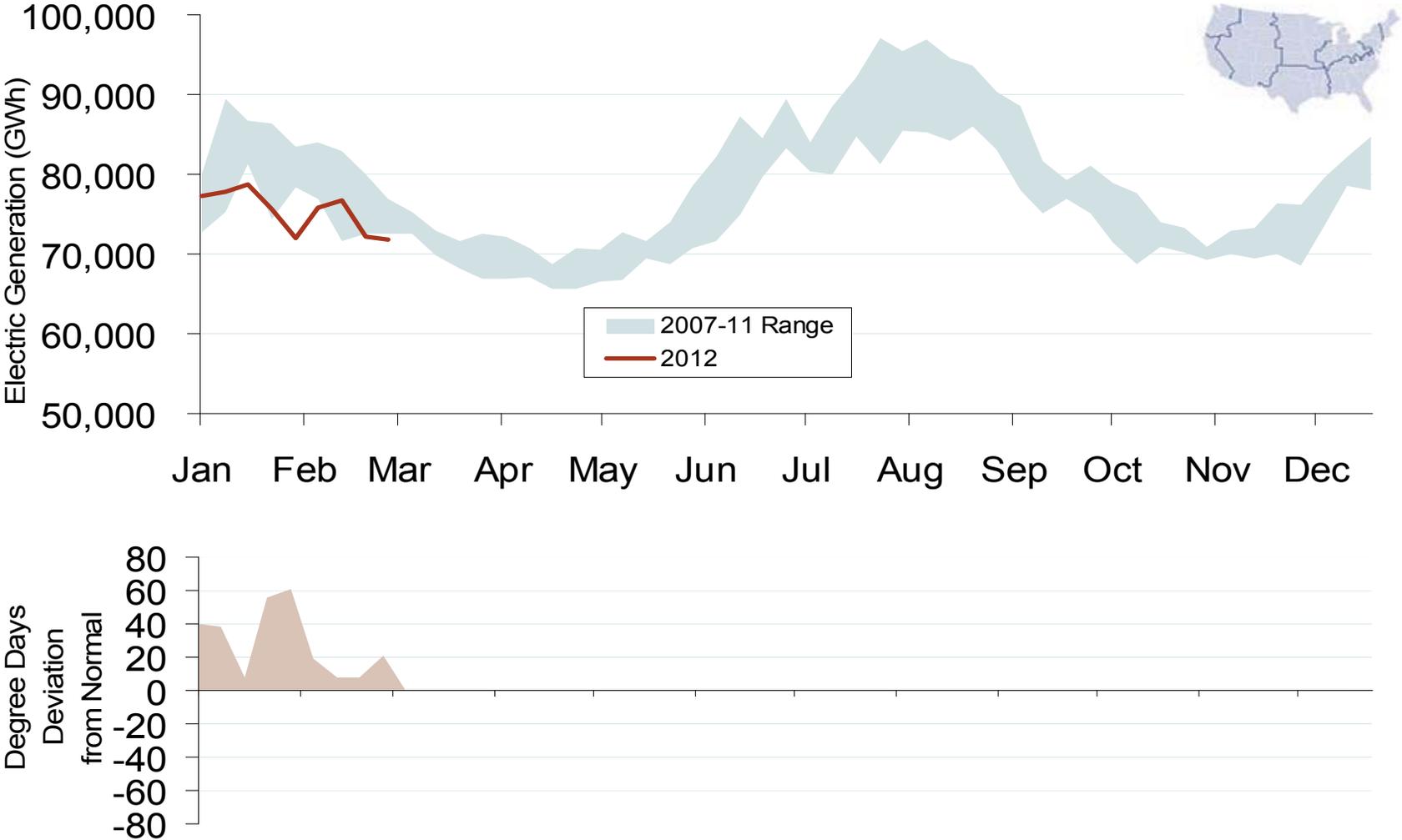
Federal Energy Regulatory Commission • Market Oversight @ FERC.gov

Regional Spot Prices: 2009-2011

| | On-peak Spot Prices (\$/MWh) | | | | | Off-peak Spot Prices (\$/MWh) | | | | |
|----------------------|------------------------------|-------|-------|-------------------|-------------------|-------------------------------|-------|-------|-------------------|-------------------|
| | 2009 | 2010 | 2011 | % Change 09-10 | % Change 10-11 | 2009 | 2010 | 2011 | % Change 09-10 | % Change 10-11 |
| Northeast | | | | | | | | | | |
| Mass Hub | 46.24 | 56.18 | 52.64 | 21.5% | -6.3% | 34.57 | 38.84 | 37.95 | 12.4% | -2.3% |
| Ny Zone G | 49.80 | 59.48 | 56.41 | 19.4% | -5.2% | 34.14 | 39.47 | 38.26 | 15.6% | -3.1% |
| NY Zone J | 55.77 | 65.76 | 62.71 | 17.9% | -4.6% | 35.25 | 40.37 | 39.19 | 14.5% | -2.9% |
| NY Zone A | 35.54 | 43.89 | 41.52 | 23.5% | -5.4% | 27.98 | 34.05 | 32.65 | 21.7% | -4.1% |
| PJM West | 44.60 | 53.68 | 51.99 | 20.4% | -3.2% | 31.68 | 35.81 | 33.94 | 13.0% | -5.2% |
| Southeast | | | | | | | | | | |
| VACAR | 36.42 | 43.24 | 44.44 | 18.7% | 2.8% | 25.68 | 29.18 | 30.23 | 13.6% | 3.6% |
| Southern | 36.58 | 42.61 | 39.97 | 16.5% | -6.2% | 25.82 | 29.51 | 27.98 | 14.3% | -5.2% |
| TVA | 34.91 | 41.79 | 40.68 | 19.7% | -2.7% | 24.69 | 27.43 | 27.55 | 11.1% | 0.4% |
| Florida | 40.75 | 50.81 | 44.62 | 24.7% | -12.2% | 28.00 | 31.59 | 31.27 | 12.8% | -1.0% |
| Entergy | 33.57 | 40.07 | 37.14 | 19.3% | -7.3% | 21.89 | 24.87 | 24.52 | 13.7% | -1.4% |
| Midwest | | | | | | | | | | |
| Cinergy* | 34.65 | 41.51 | 41.17 | 19.8% | -0.8% | 22.15 | 24.34 | 25.86 | 9.9% | 6.2% |
| Michigan Hub | 36.56 | 43.68 | 42.73 | 19.5% | -2.2% | 22.97 | 26.84 | 27.52 | 16.9% | 2.5% |
| Minnesota Hub | 32.09 | 36.86 | 34.57 | 14.9% | -6.2% | 14.19 | 17.61 | 16.39 | 24.1% | -6.9% |
| NI Hub | 34.47 | 40.85 | 40.31 | 18.5% | -1.3% | 19.49 | 21.70 | 22.78 | 11.3% | 5.0% |
| Illinois Hub | 31.36 | 38.22 | 38.12 | 21.9% | -0.2% | 17.44 | 20.44 | 22.20 | 17.2% | 8.6% |
| MA PP South | 33.31 | 37.60 | 35.48 | 12.9% | -5.6% | 20.78 | 21.76 | 19.90 | 4.7% | -8.5% |
| South Central | | | | | | | | | | |
| SPP North | 32.94 | 38.71 | 36.41 | 17.5% | -5.9% | 20.36 | 21.51 | 20.42 | 5.7% | -5.1% |
| ERCOT North | 34.89 | 41.15 | 61.55 | 17.9% | 49.6% | 22.37 | 26.97 | 25.74 | 20.6% | -4.6% |
| Southwest | | | | | | | | | | |
| Four Corners | 35.38 | 39.68 | 36.34 | 12.2% | -8.4% | 23.76 | 27.02 | 20.45 | 13.7% | -24.3% |
| Palo Verde | 34.77 | 38.76 | 36.10 | 11.5% | -6.9% | 24.26 | 27.72 | 21.57 | 14.3% | -22.2% |
| Mead | 36.58 | 40.11 | 36.92 | 9.7% | -8.0% | 26.34 | 29.37 | 22.34 | 11.5% | -23.9% |
| Northwest | | | | | | | | | | |
| Mid-C | 35.66 | 35.90 | 29.10 | 0.7% | -19.0% | 28.24 | 29.19 | 19.98 | 3.4% | -31.6% |
| COB | 38.02 | 38.84 | 32.55 | 2.2% | -16.2% | 29.22 | 29.86 | 19.92 | 2.2% | -33.3% |
| California | | | | | | | | | | |
| NP15 | 39.29 | 40.08 | 35.81 | 2.0% | -10.6% | 28.66 | 29.89 | 21.26 | 4.3% | -28.9% |
| SP15 | 38.31 | 40.21 | 36.87 | 5.0% | -8.3% | 26.64 | 29.14 | 21.78 | 9.4% | -25.3% |

Note: Effective January 1, 2012, Platts will replace the Cinergy Hub with the Indiana Hub.

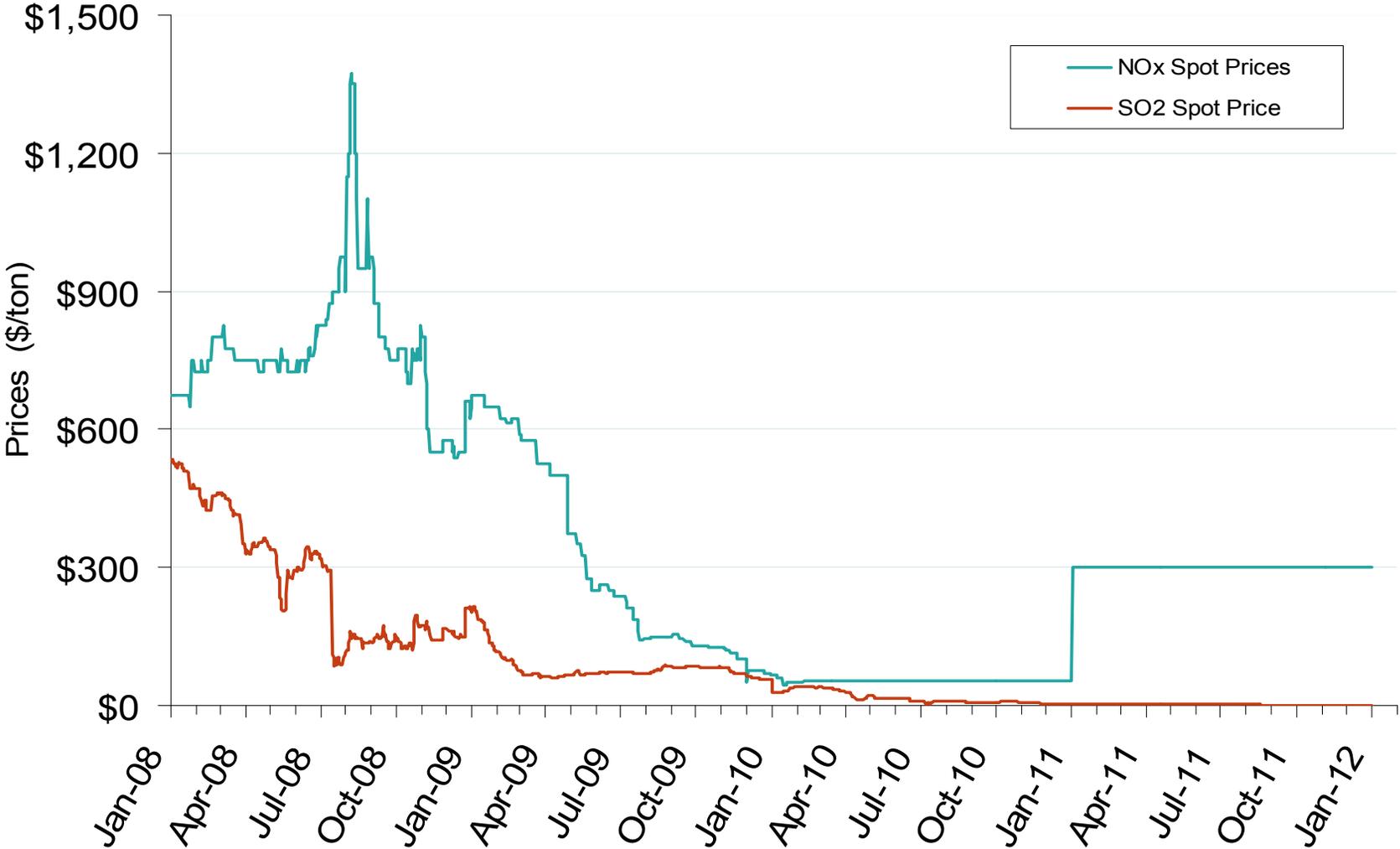
Weekly U.S. Electric Generation Output and Temperatures



Source: Derived from *EEI* and *NOAA* data
March 2012 National Snapshot

Updated: March 08, 2012

SO2 Allowance Spot Prices and NOx Allowance Spot Prices



Source: Derived from *Bloomberg* data
March 2012 National Snapshot

Updated: March 06, 2012