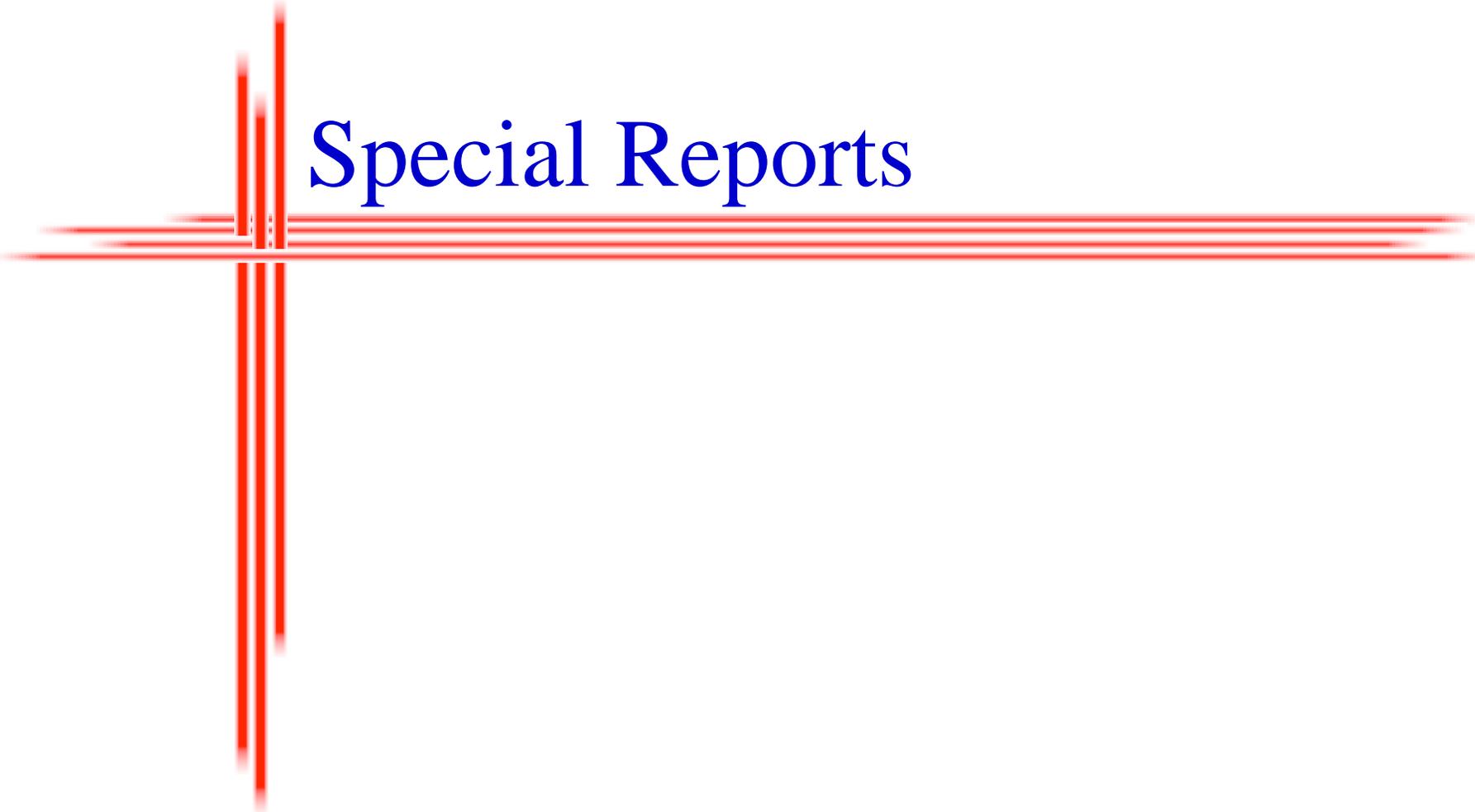


OE ENERGY MARKET SNAPSHOT

National Version – November 2011 Data

Office of Enforcement
Federal Energy Regulatory Commission
December 2011

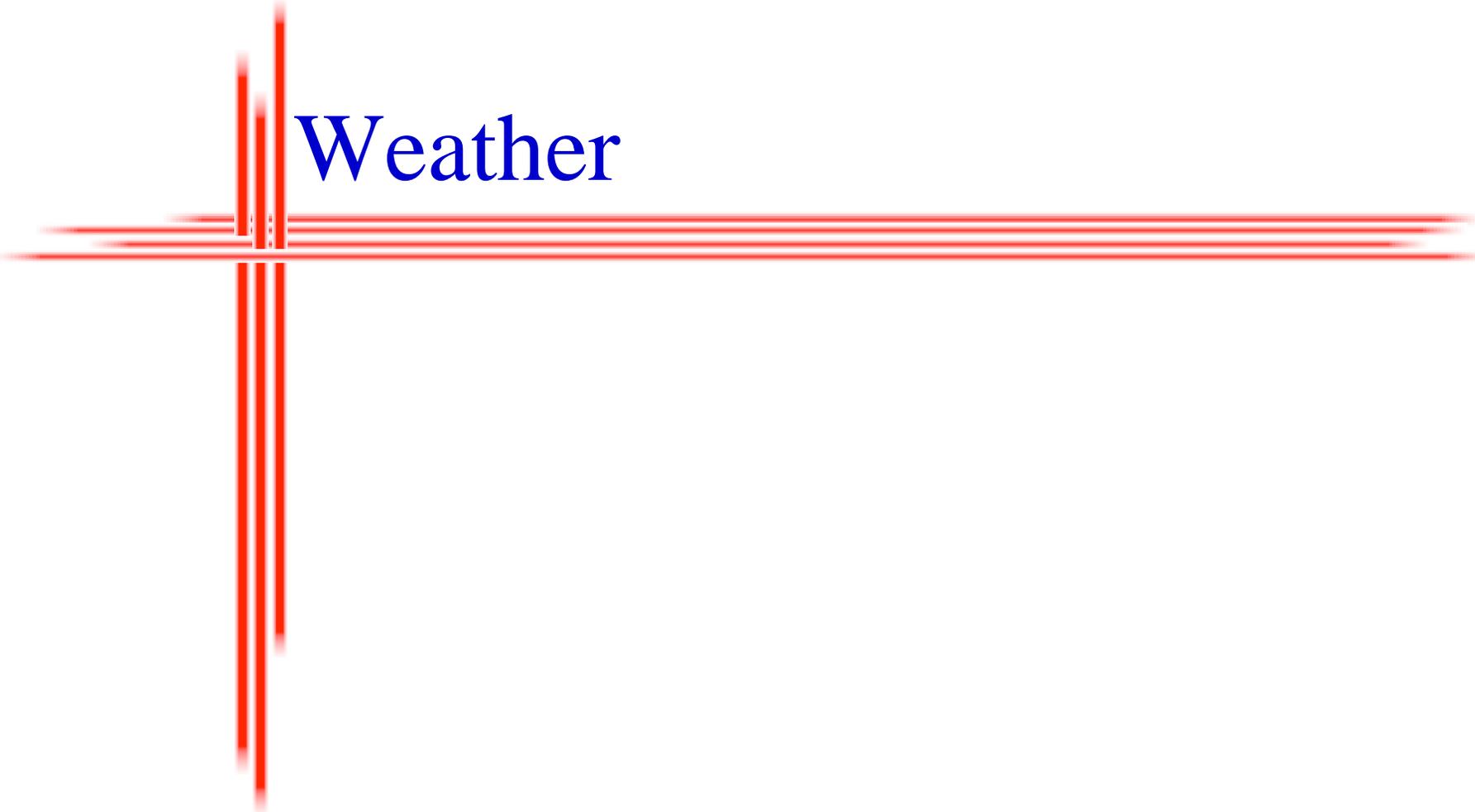


Special Reports

2011 Report on Enforcement

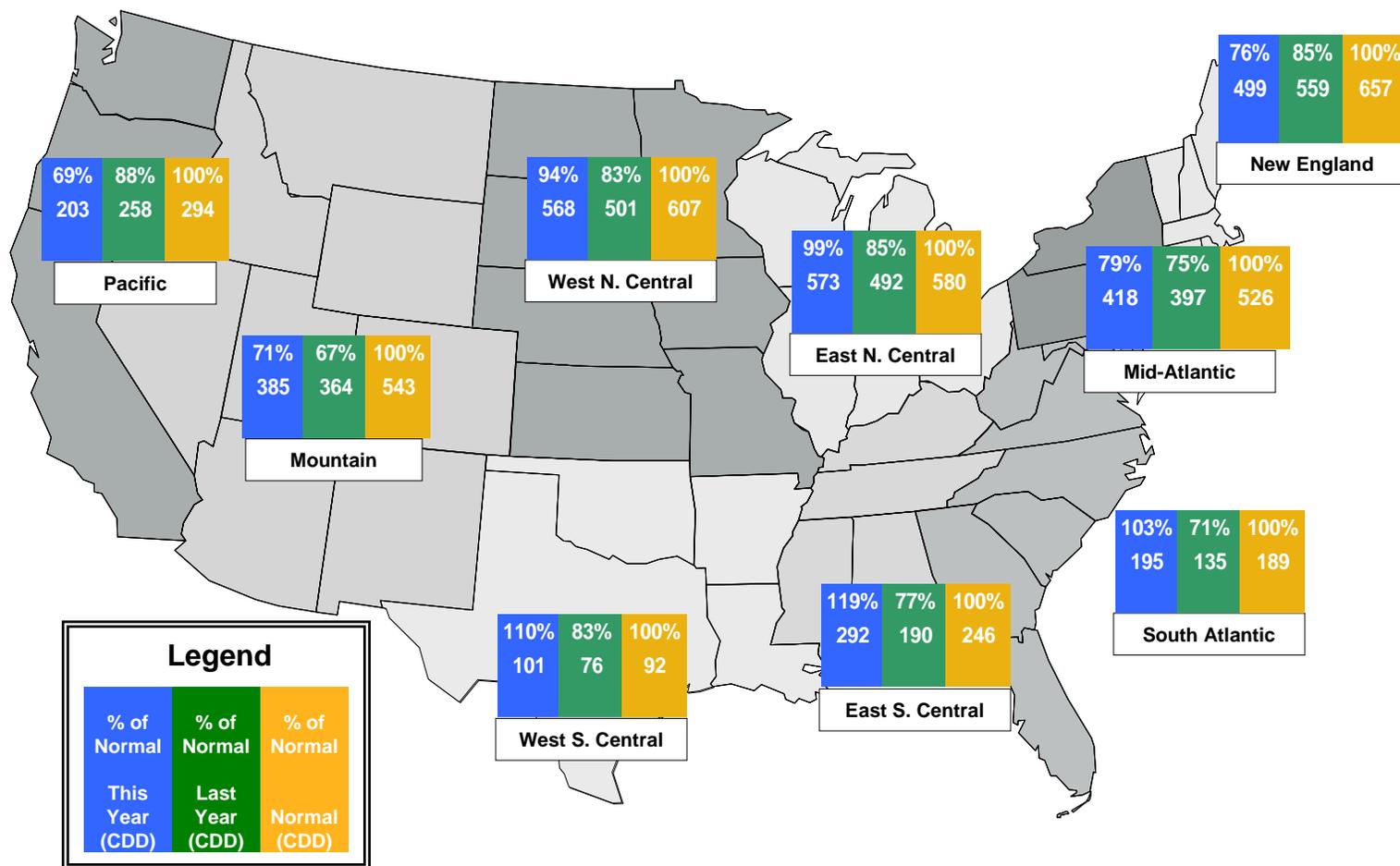
Click below for a copy of the report:

<http://www.ferc.gov/legal/staff-reports/11-17-11-enforcement.pdf>



Weather

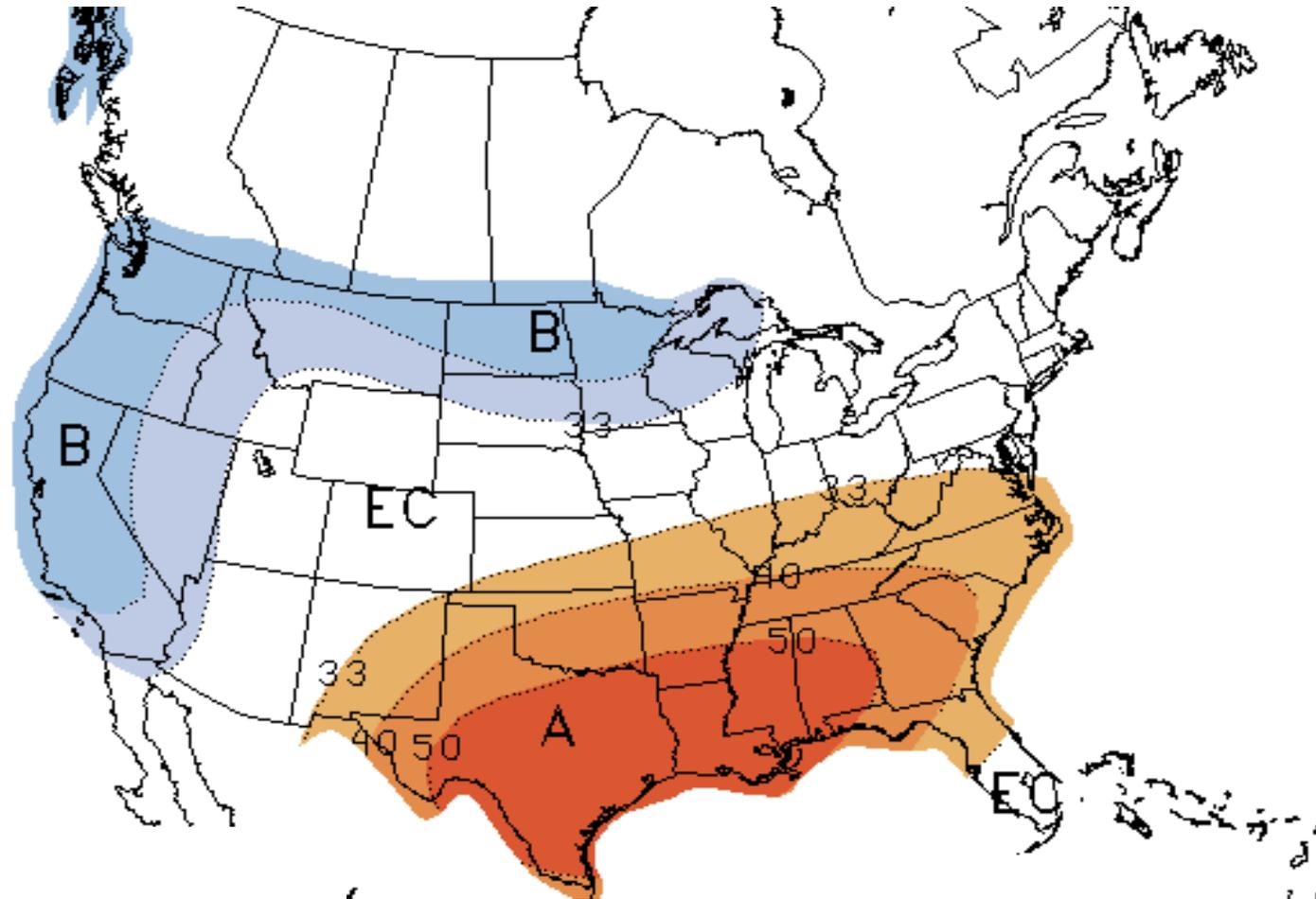
Regional Heating Degree Days – Year to Date November 2011



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

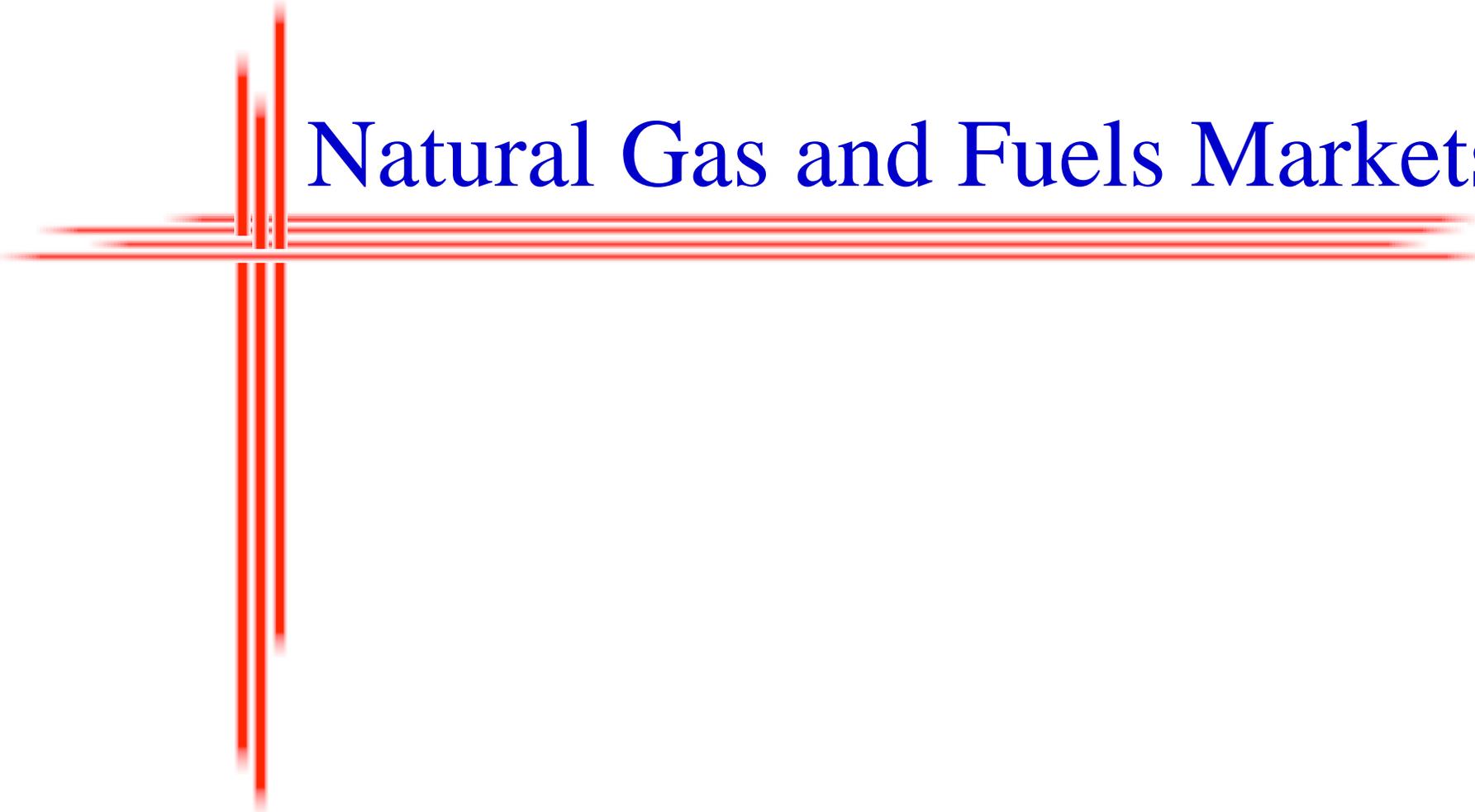
Updated December 2, 2011

NOAA's 3 Month Temperature Forecast Made November 11, 2011, Valid for December 2011 – February 2012



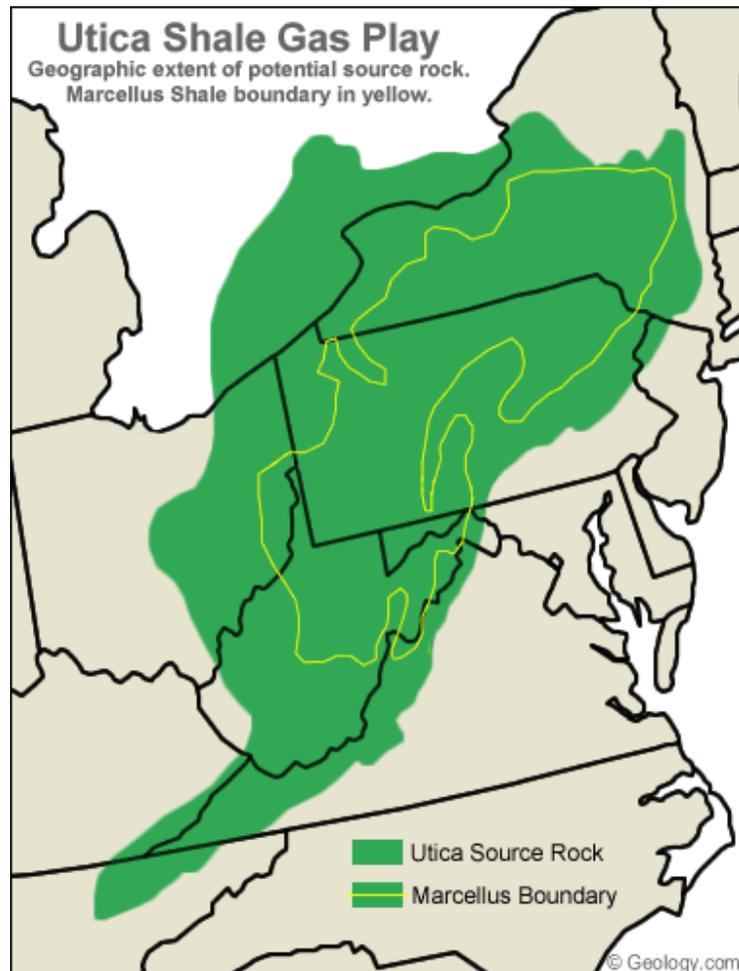
Note: "A" areas are above normal, "B" areas are below normal and "EC" means equal chance. Normal is based on the last 30 years of data.
Source: Derived from NOAA data.

Updated: December 02, 2011

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

Utica Shale Attracts Attention



- Up to 14,000' below the surface
- Ranges in thickness from 100' to 500'
- Little public information is available – not thoroughly evaluated
- Ohio DNR estimates 12.3 billion barrels of oil and 20 Tcf of natural gas ultimately recoverable
- Eastern Ohio portion believed to be oil and NGL rich
- Experienced shale gas producers very active – Chesapeake, Devon, Chevron
- EIA recently reported Ohio issued 42 drilling permits for horizontal wells in the first 9 months of 2011 – only 2 were issued in the first 9 months of 2010

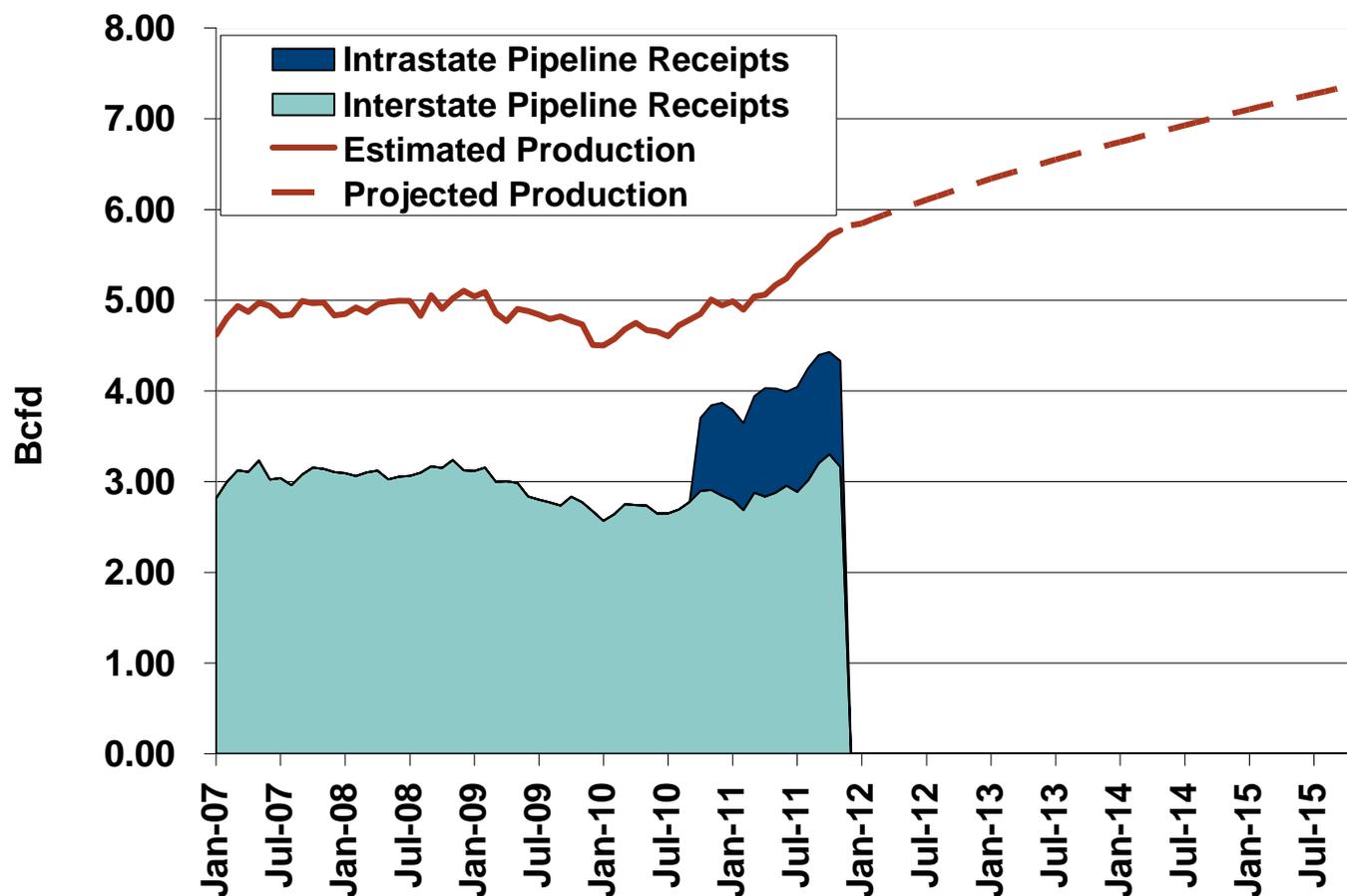
Source: Derived from Geology.com.

Updated December 6, 2011

Cheniere reaches capacity target for financing Sabine Pass LNG exports

	Cheniere LNG Export Deals	
	BG	Gas Natural
Contracted Capacity	460 MMcfd	460 MMcfd
Contract Term	20 yrs	20 yrs
Reservation Fee	\$2.25/MMBtu	\$2.49/MMBtu
Gas Price	100% of HH	100% of HH
Gas Price for Liquefaction	15% of HH	15% of HH

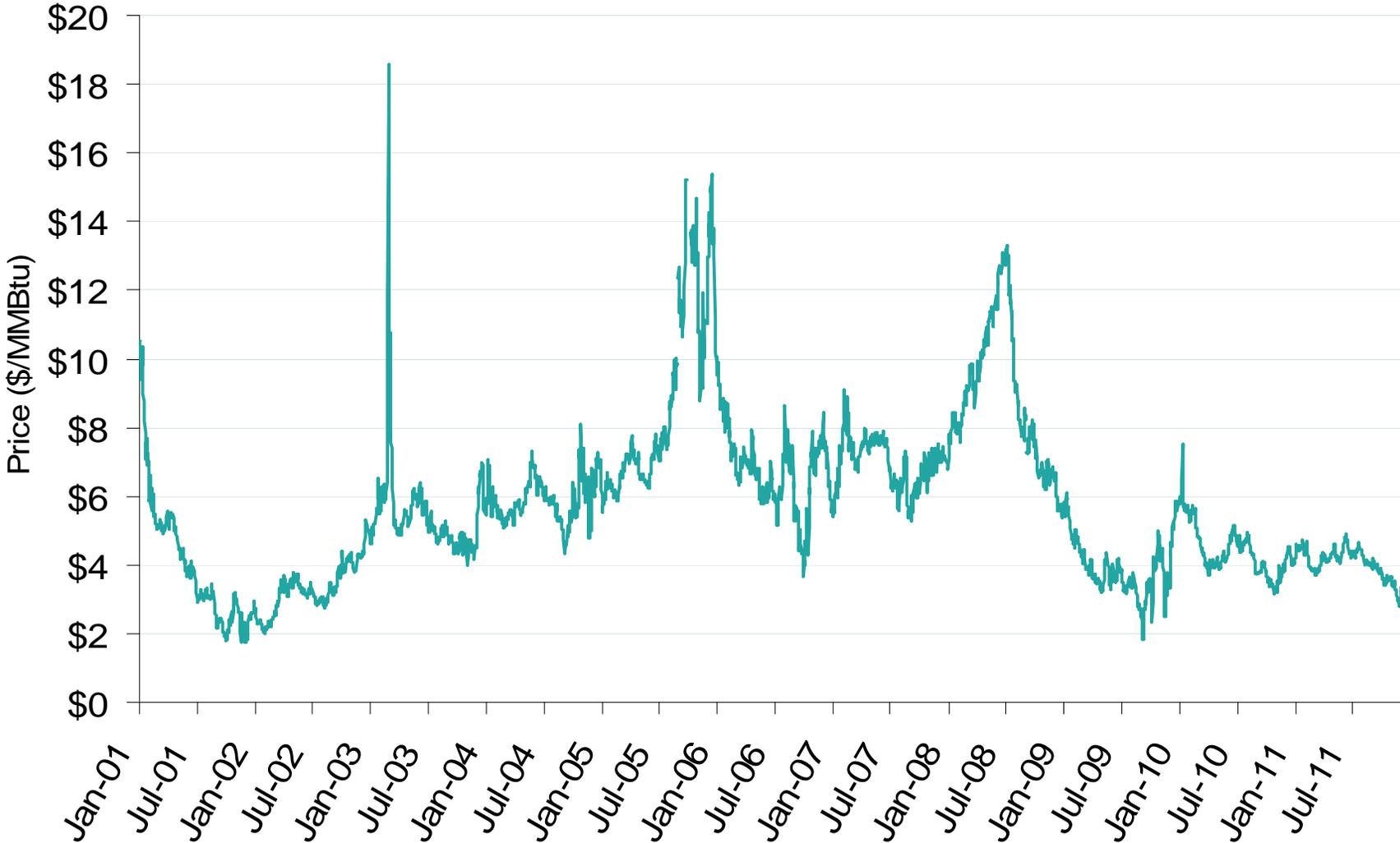
Newly Observed Intrastate Pipe Flows Show Anadarko Gas Production Hike



Natural Gas Market Overview: Henry Hub Spot Prices

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

Henry Hub Natural Gas Daily Spot Prices, 2001-2011

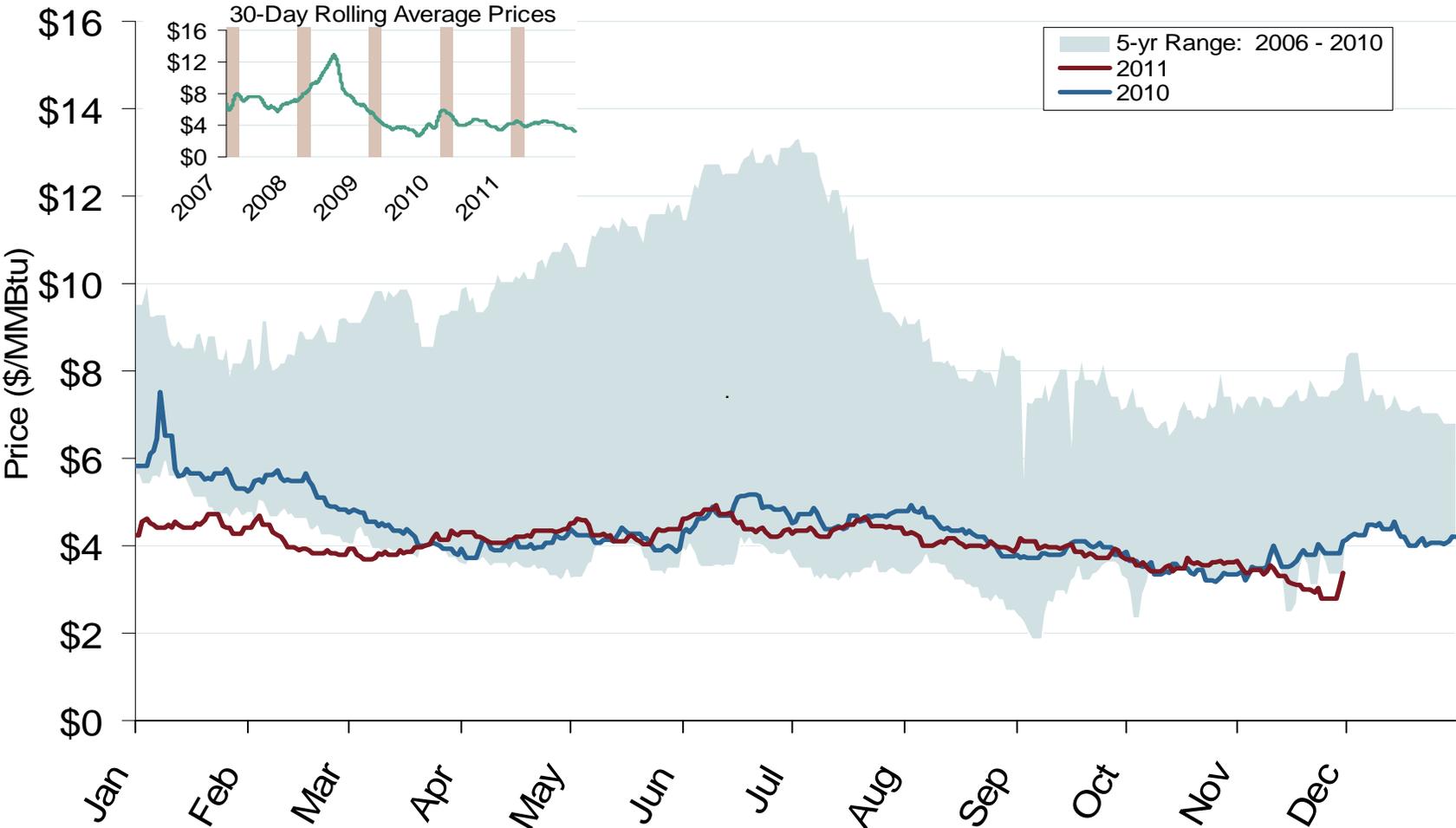


Source: Derived from Platts data
December 2011 National Snapshot

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

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

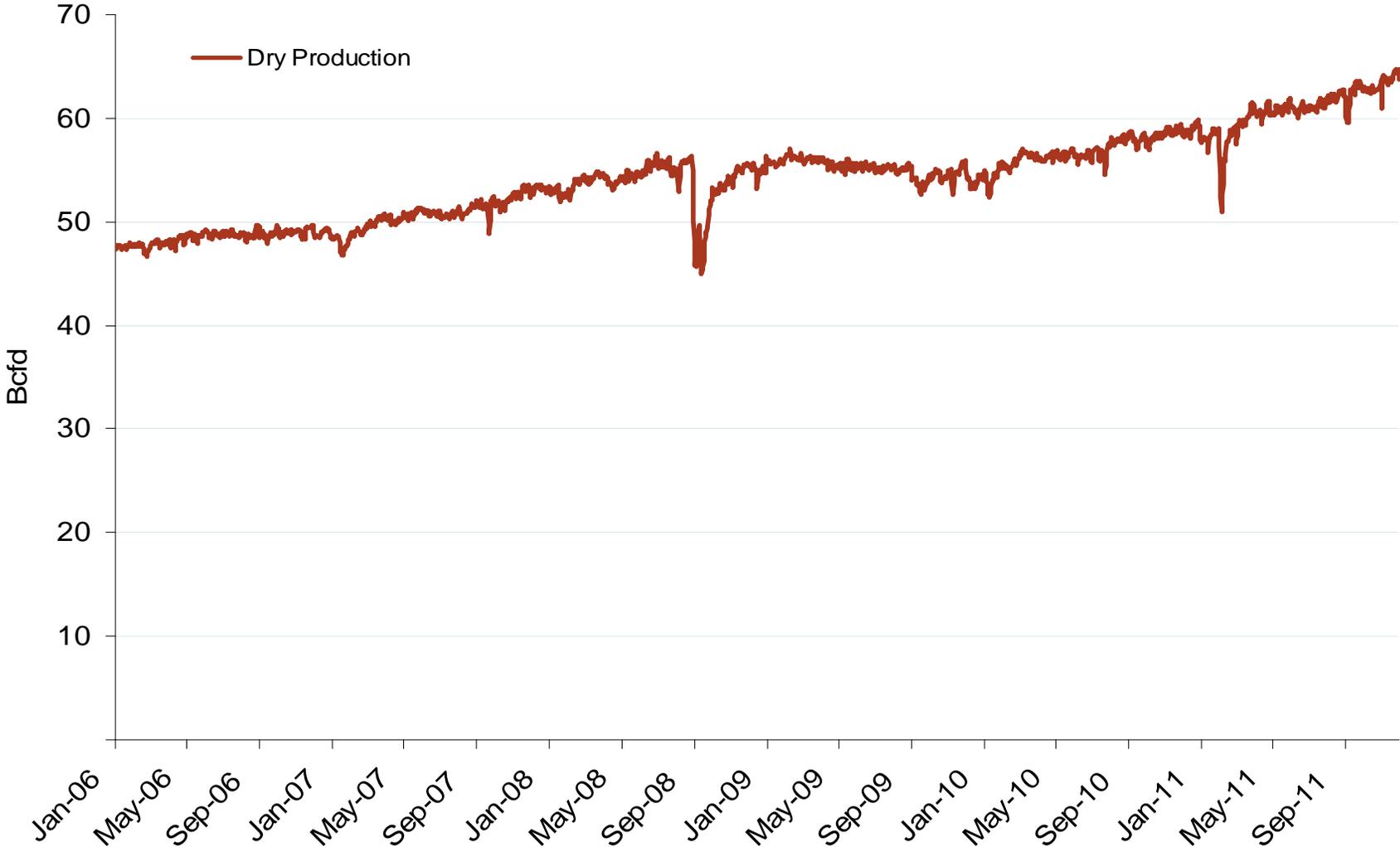
Henry Hub Natural Gas Daily Spot Prices



Source: Derived from Platts data
December 2011 National Snapshot

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

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



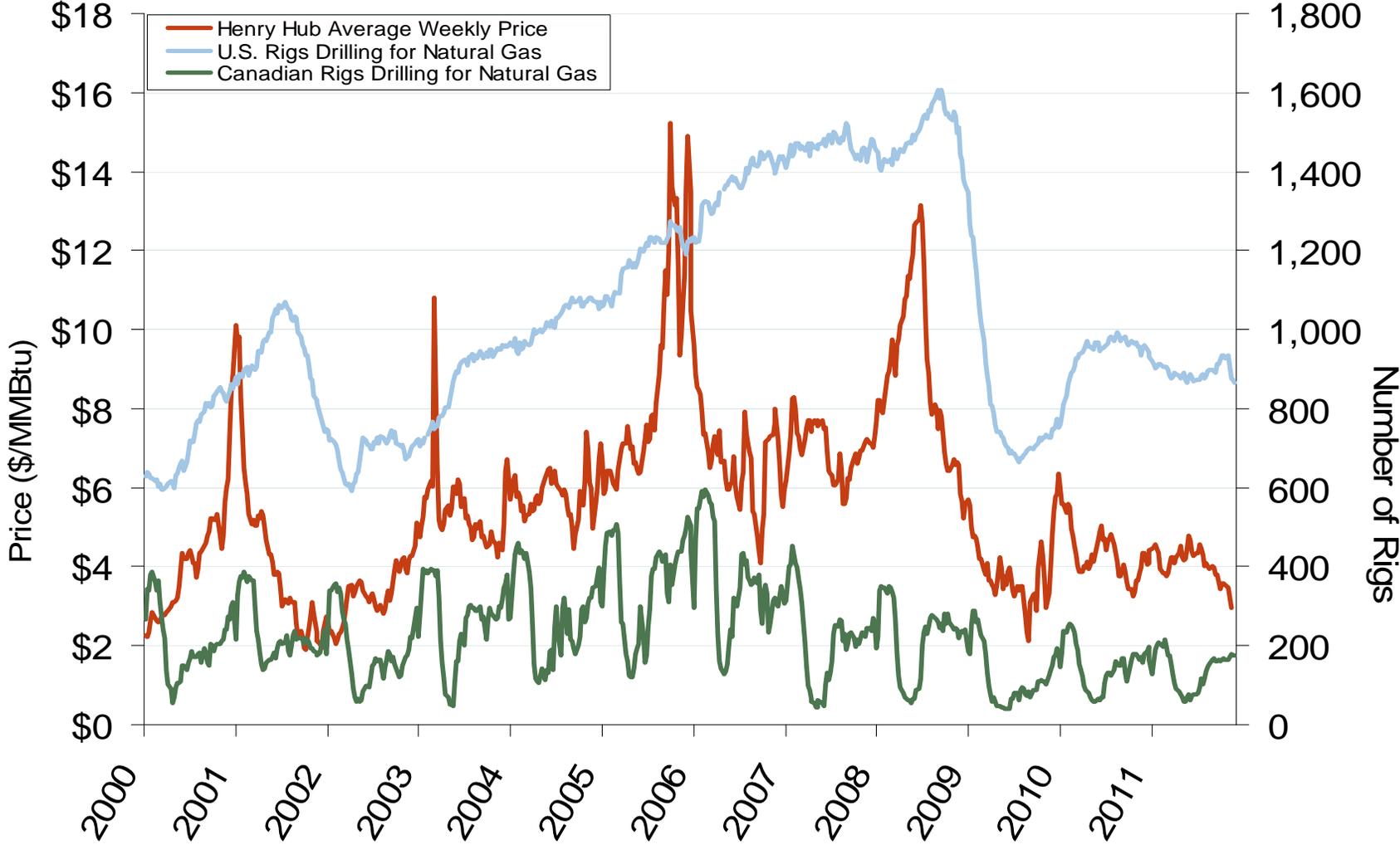
Note: Prior to July 2010, chart was derived from a combination of EIA and Bentek Energy data

Source: Derived from Bentek Energy data

December 2011 National Snapshot

Updated: December 02, 2011

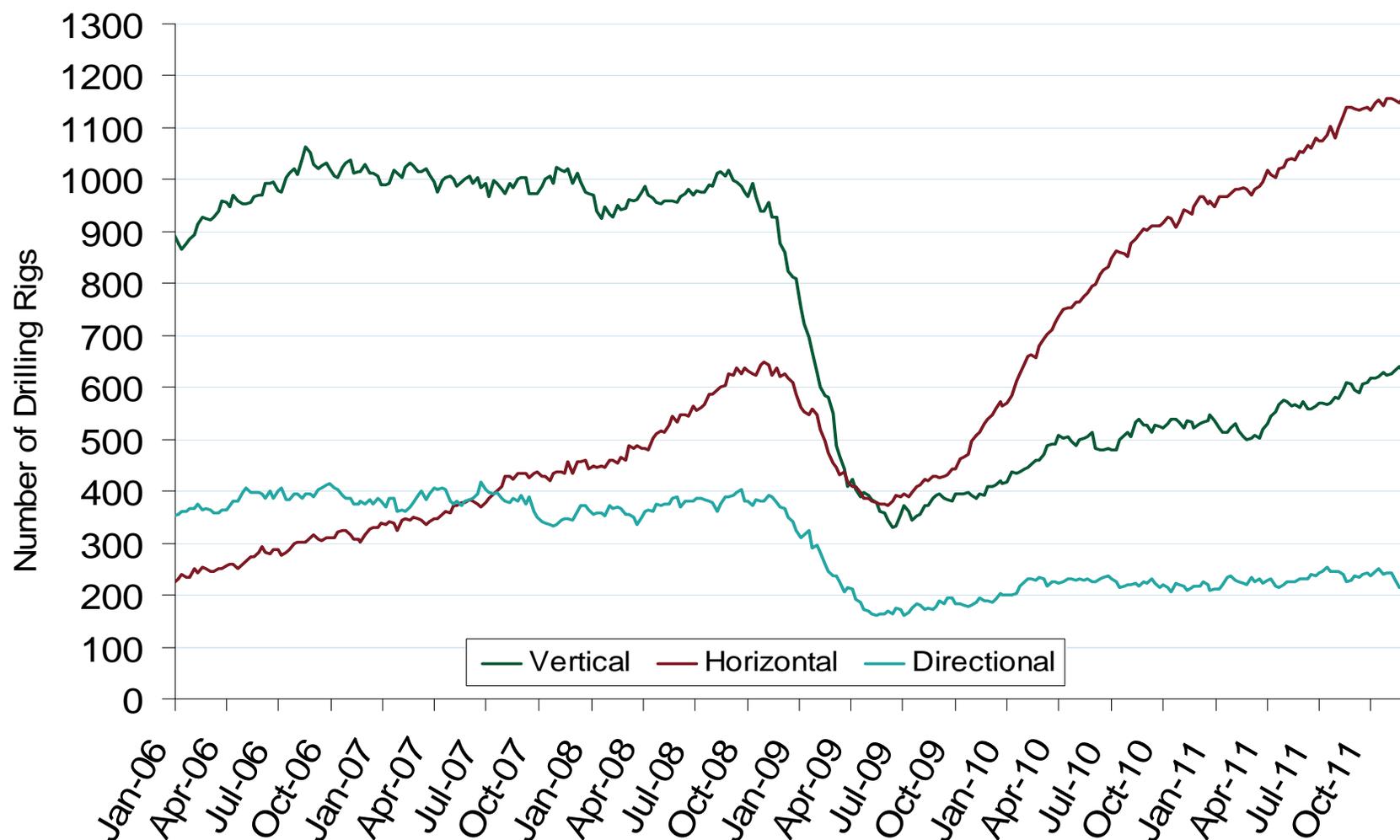
U.S. and Canadian NG Drilling Rig Count and Daily Spot Prices



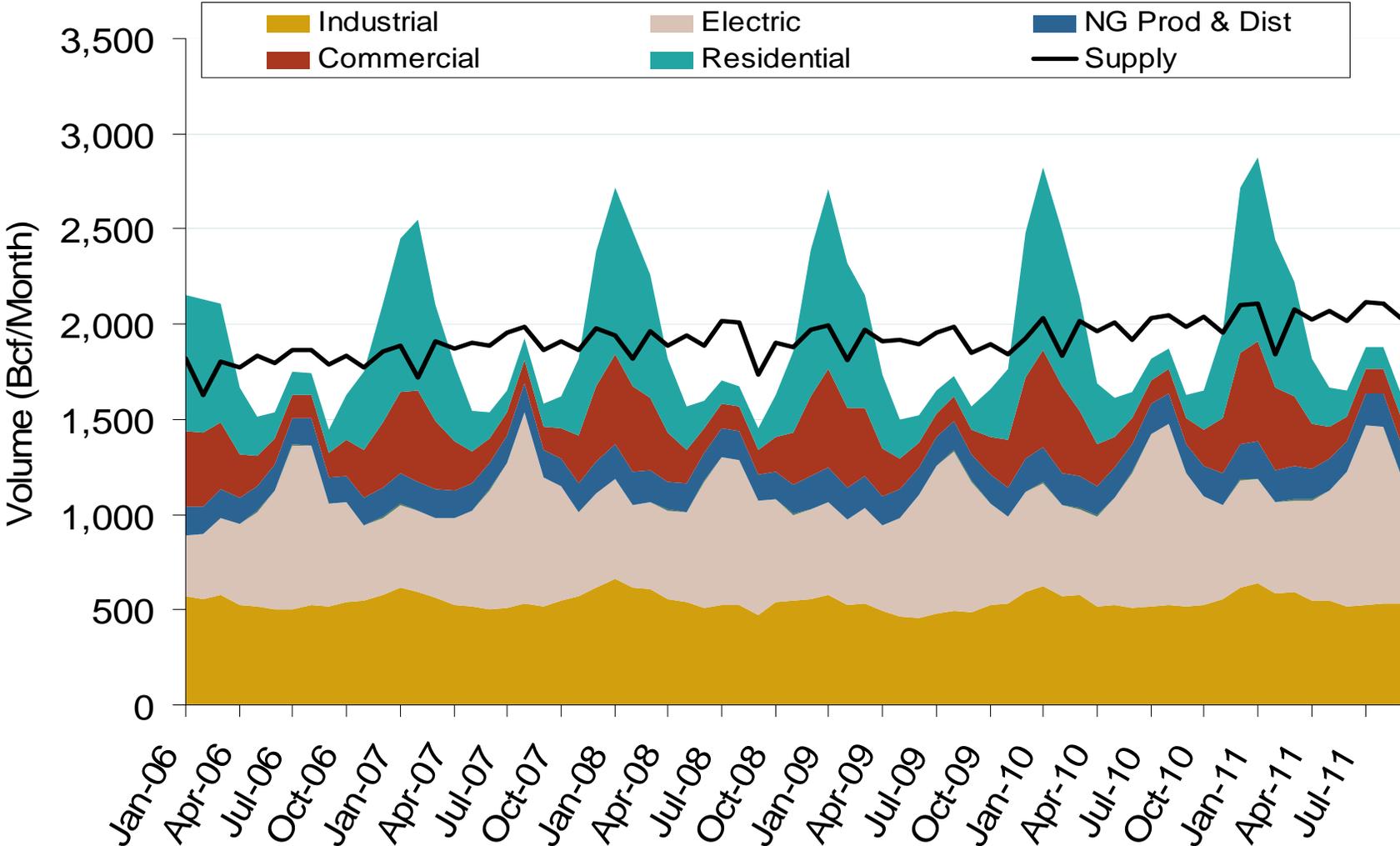
Source: Derived from *Platts* and *Baker Hughes* data
December 2011 National Snapshot

Updated: December 01, 2011

Natural Gas Market Overview: Drilling Rig Count by Type

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**U.S. Oil and Natural Gas Drilling Rig Count by Type**

Annual U.S. Natural Gas Consumption by Sector



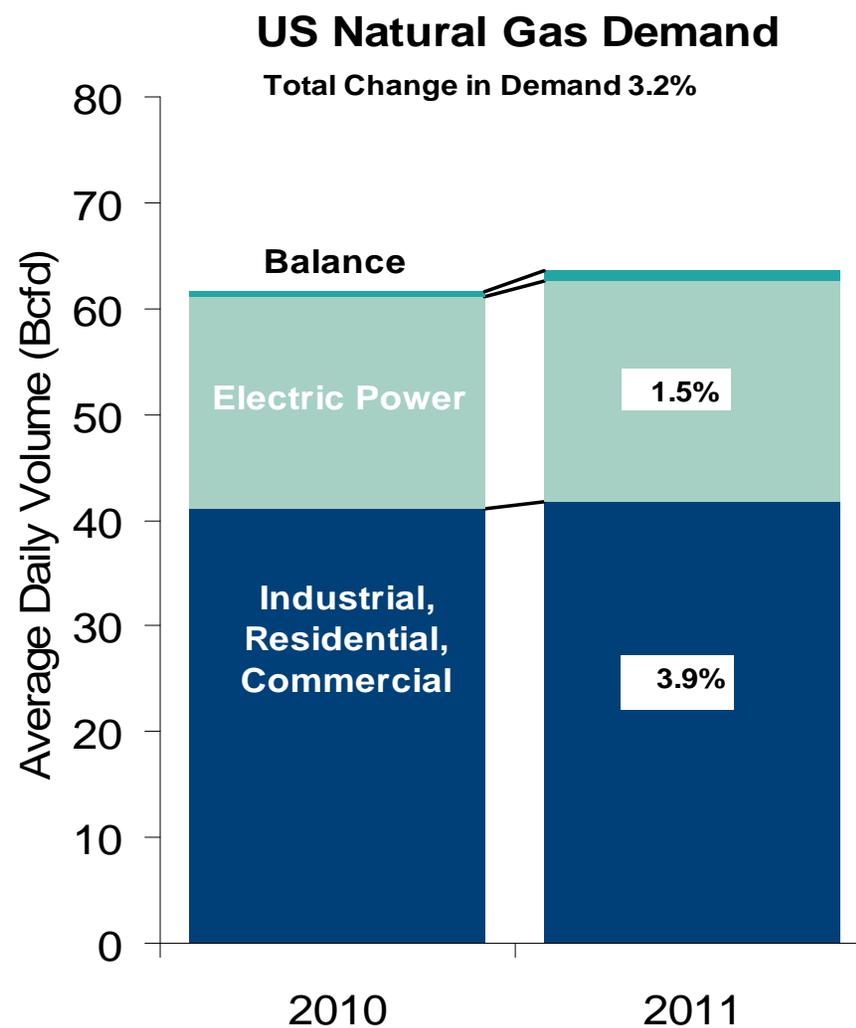
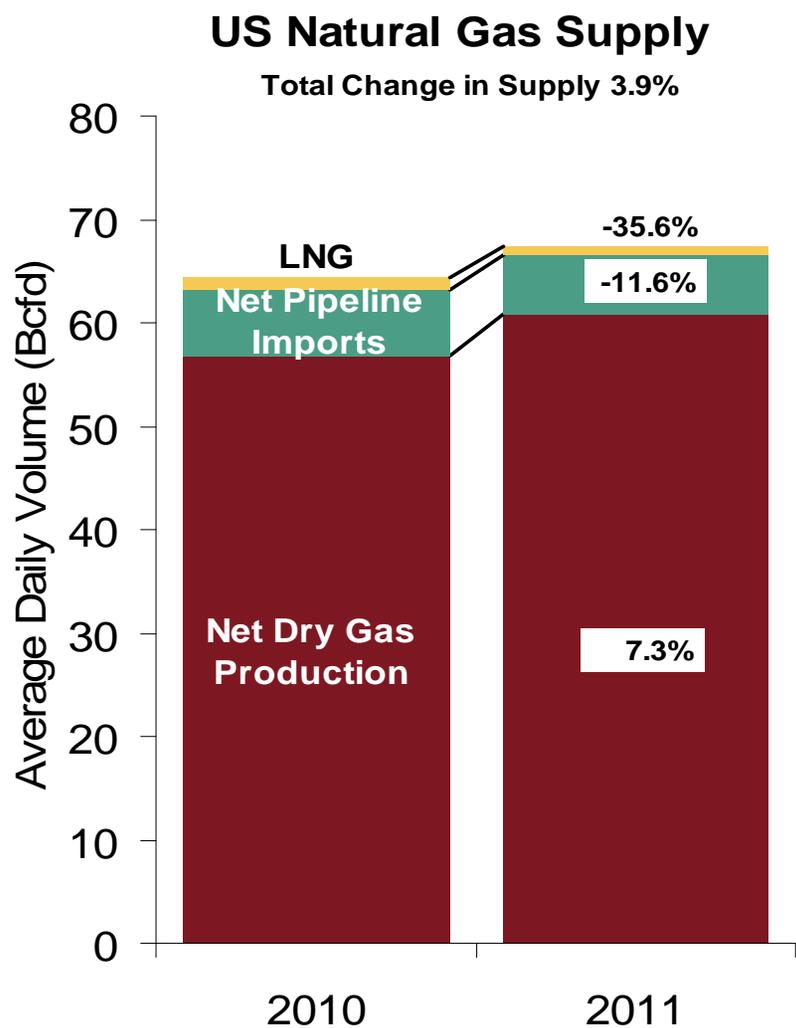
Notes: Supply includes lower 48 state production, net pipeline imports, and LNG imports

Source: Derived from EIA data

December 2011 National Snapshot

Updated: December 02, 2011

U.S. NG Supply and Demand 2010 vs. 2011: January - November



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

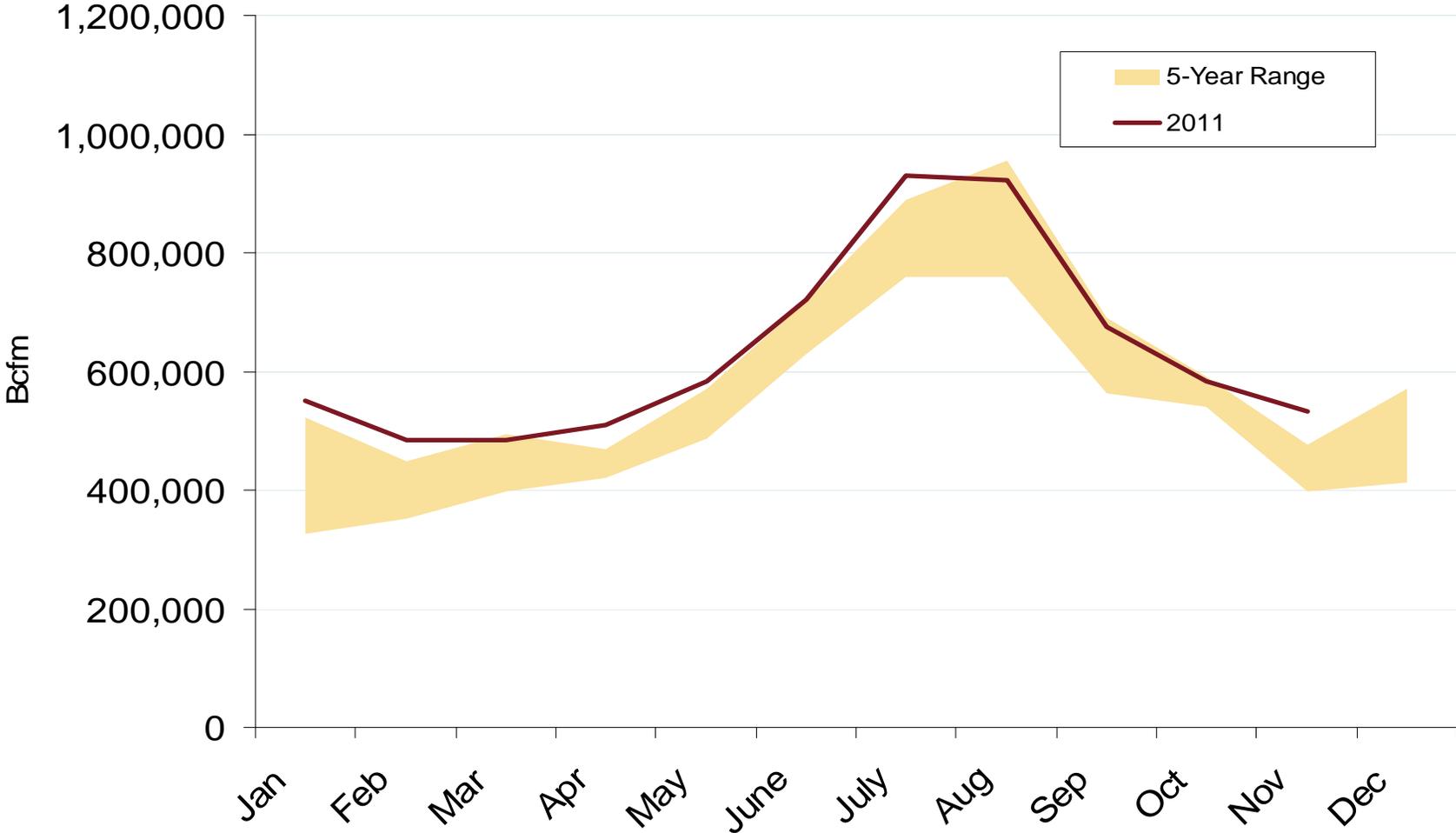
Source: Derived from *Bentek Energy* data

December 2011 National Snapshot

Updated: December 02, 2011

2163

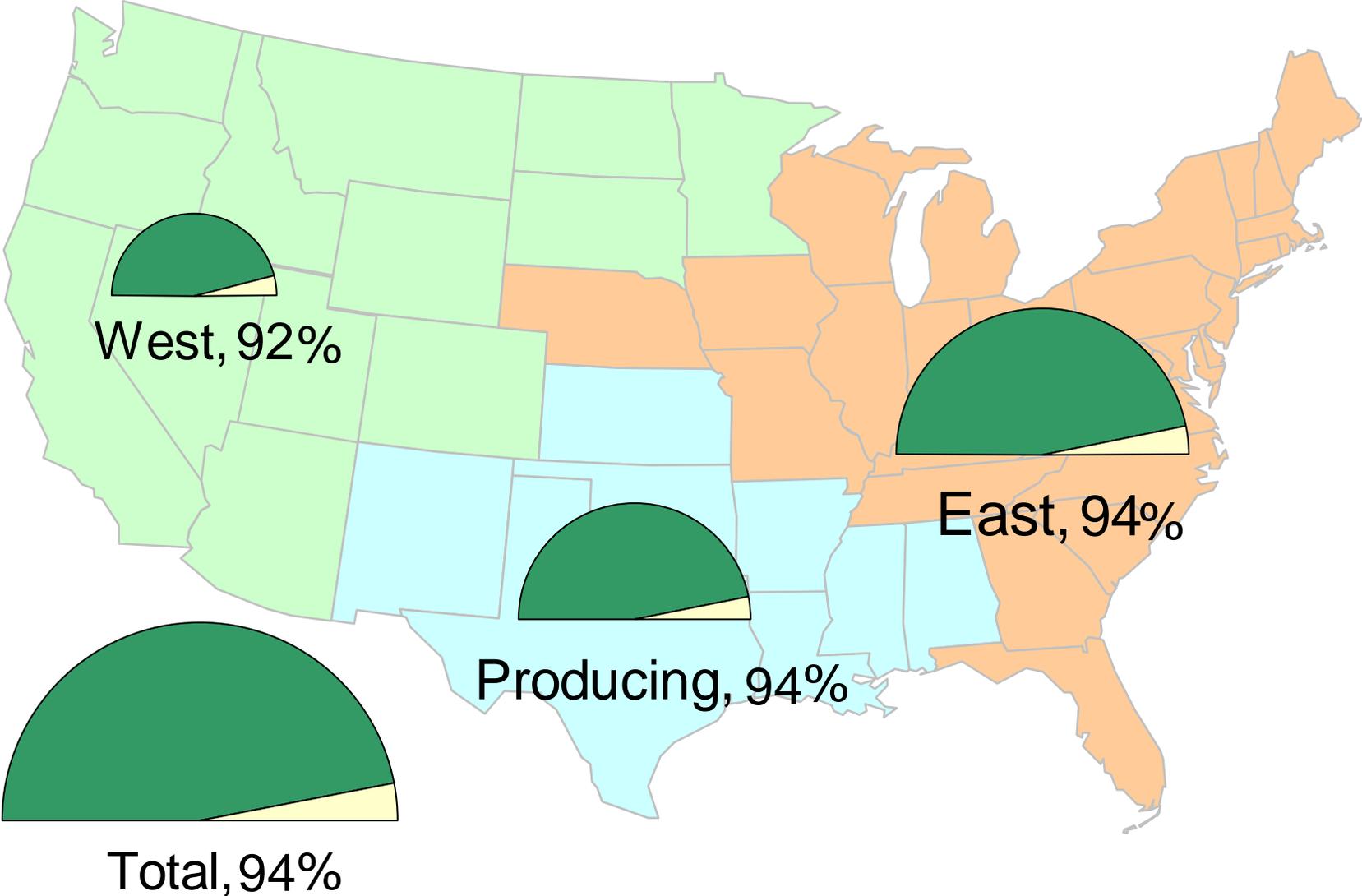
U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data
December 2011 National Snapshot

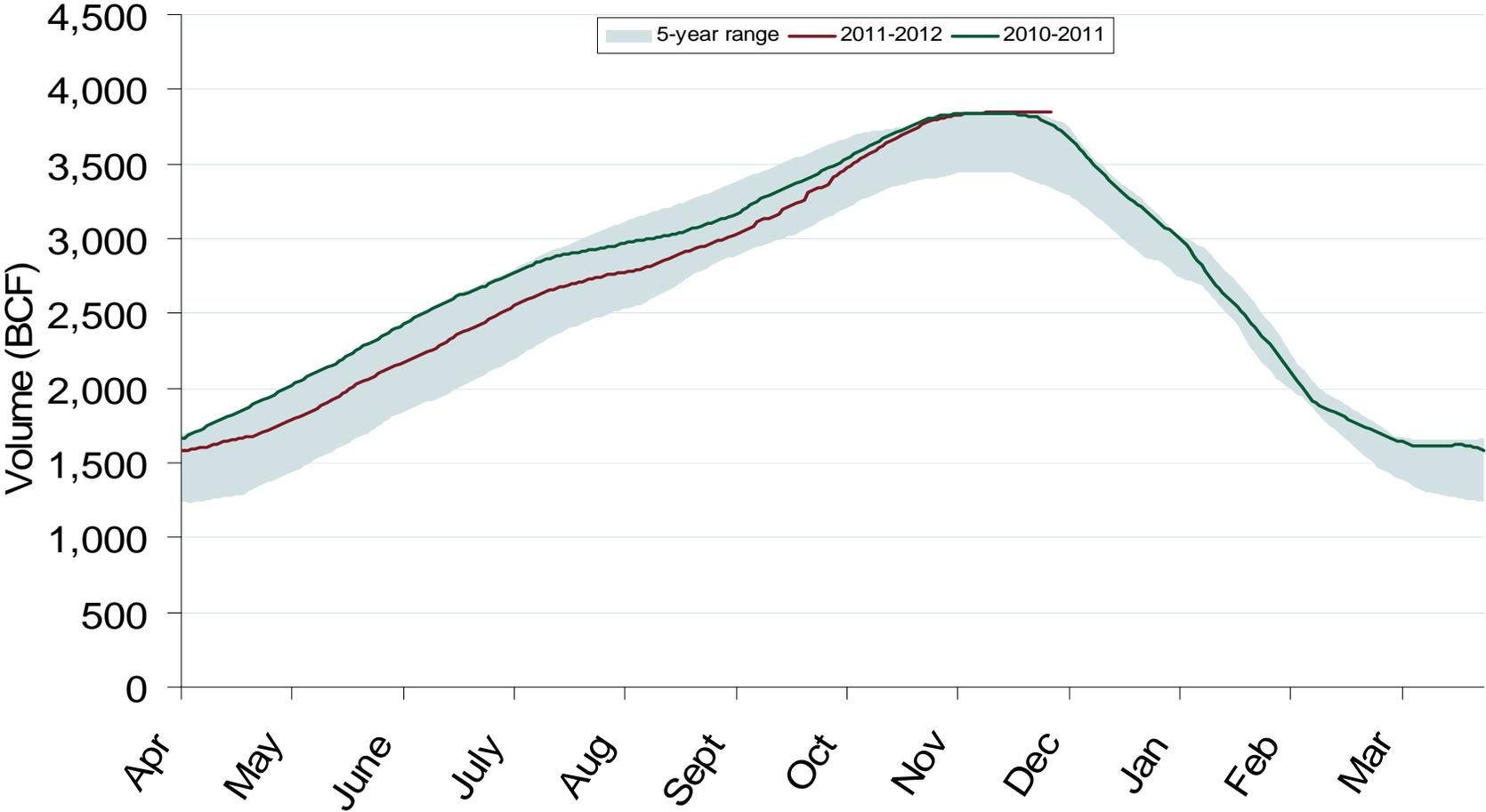
Updated: December 02, 2011

Natural Gas Storage Inventories – December 2, 2011



Source: Derived from EIA Storage and Estimated Working Gas Capacity data
December 2011 National Snapshot

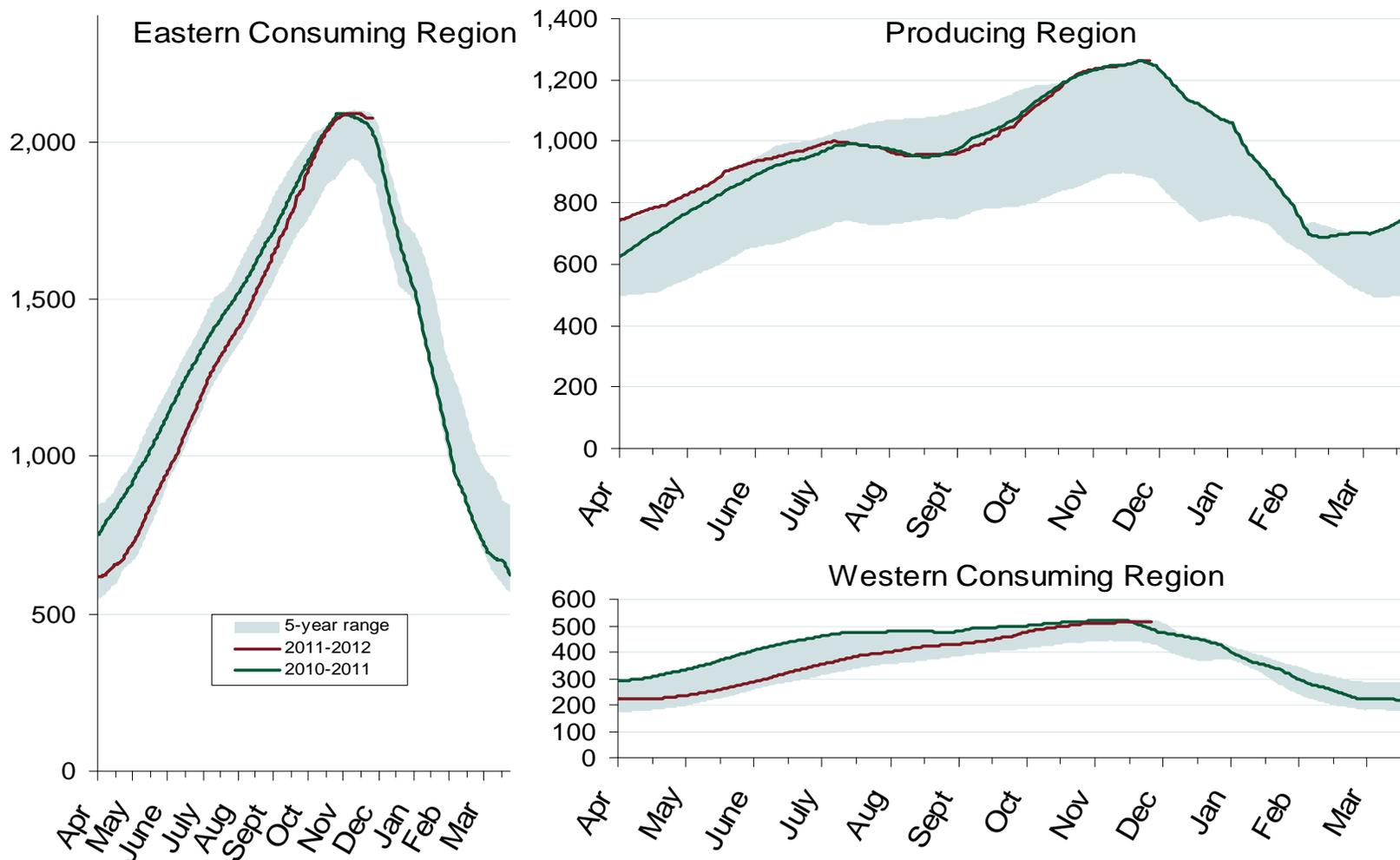
Total U.S. Working Gas in Storage



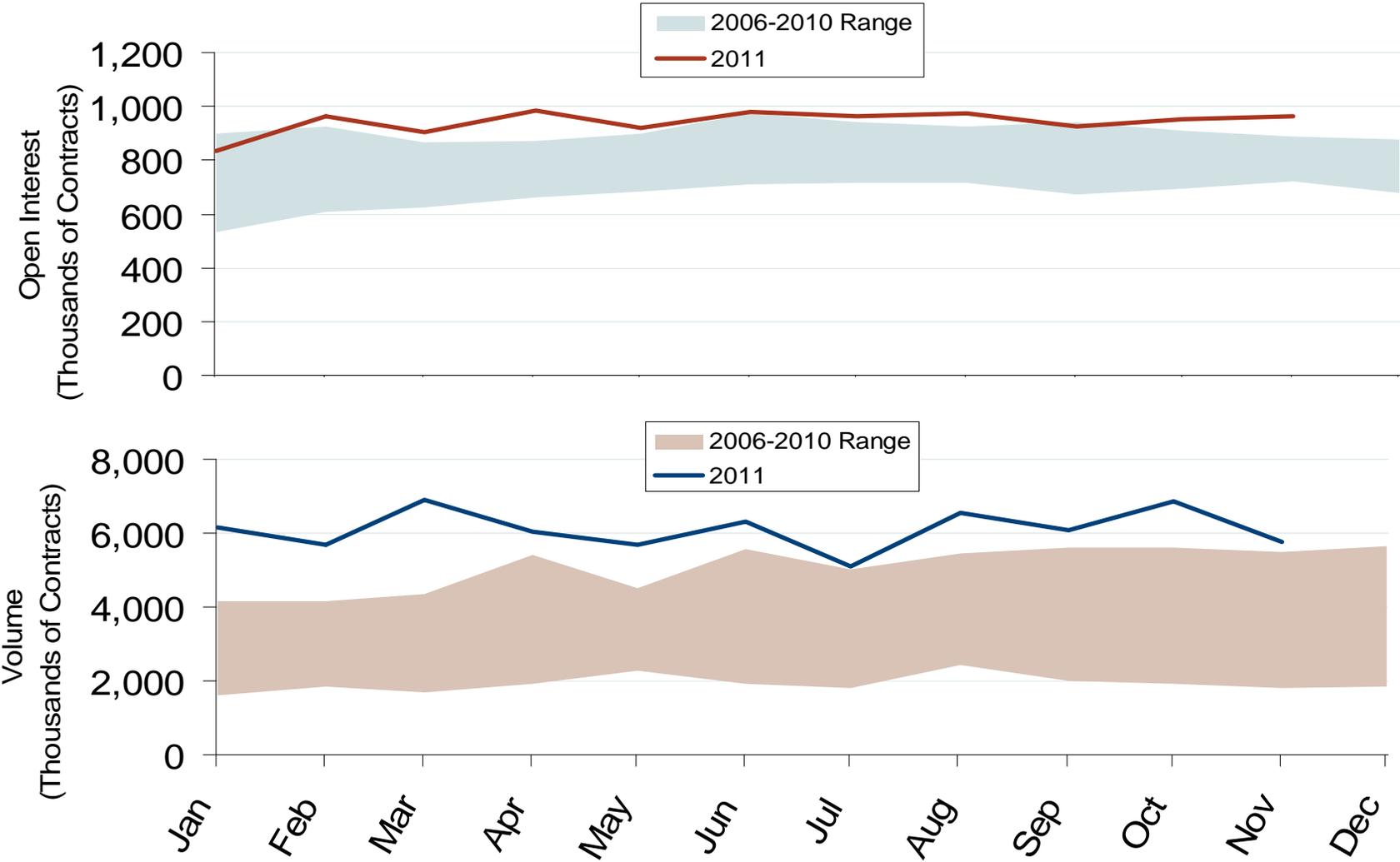
Source: Derived from EIA data
December 2011 National Snapshot

Updated: December 02, 2011

Regional Totals of Working Gas in Storage



Nymex NG Futures Month-End Open Interest and Monthly Volume

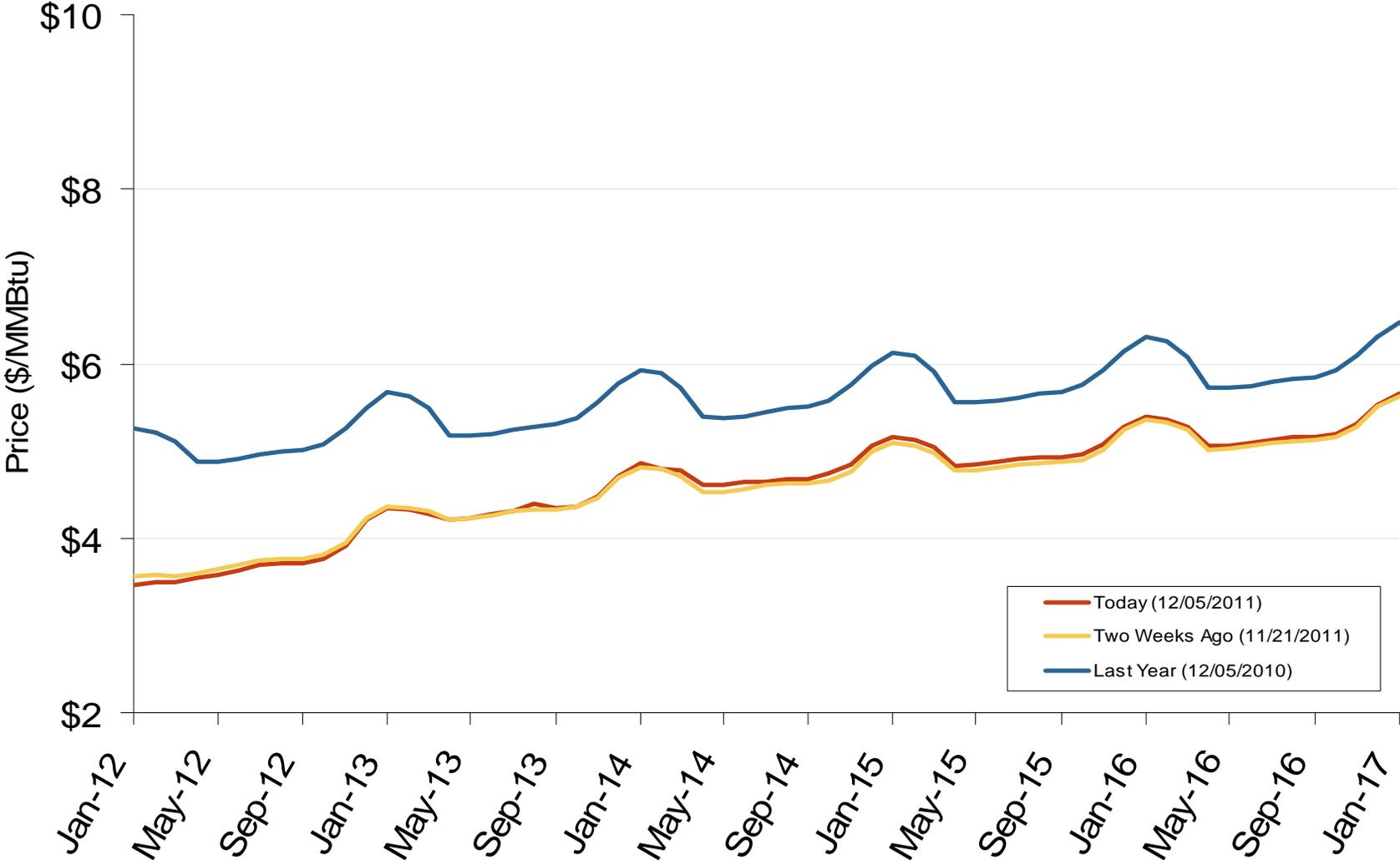


Source: Derived from Nymex data
December 2011 National Snapshot

Updated: December 02, 2011

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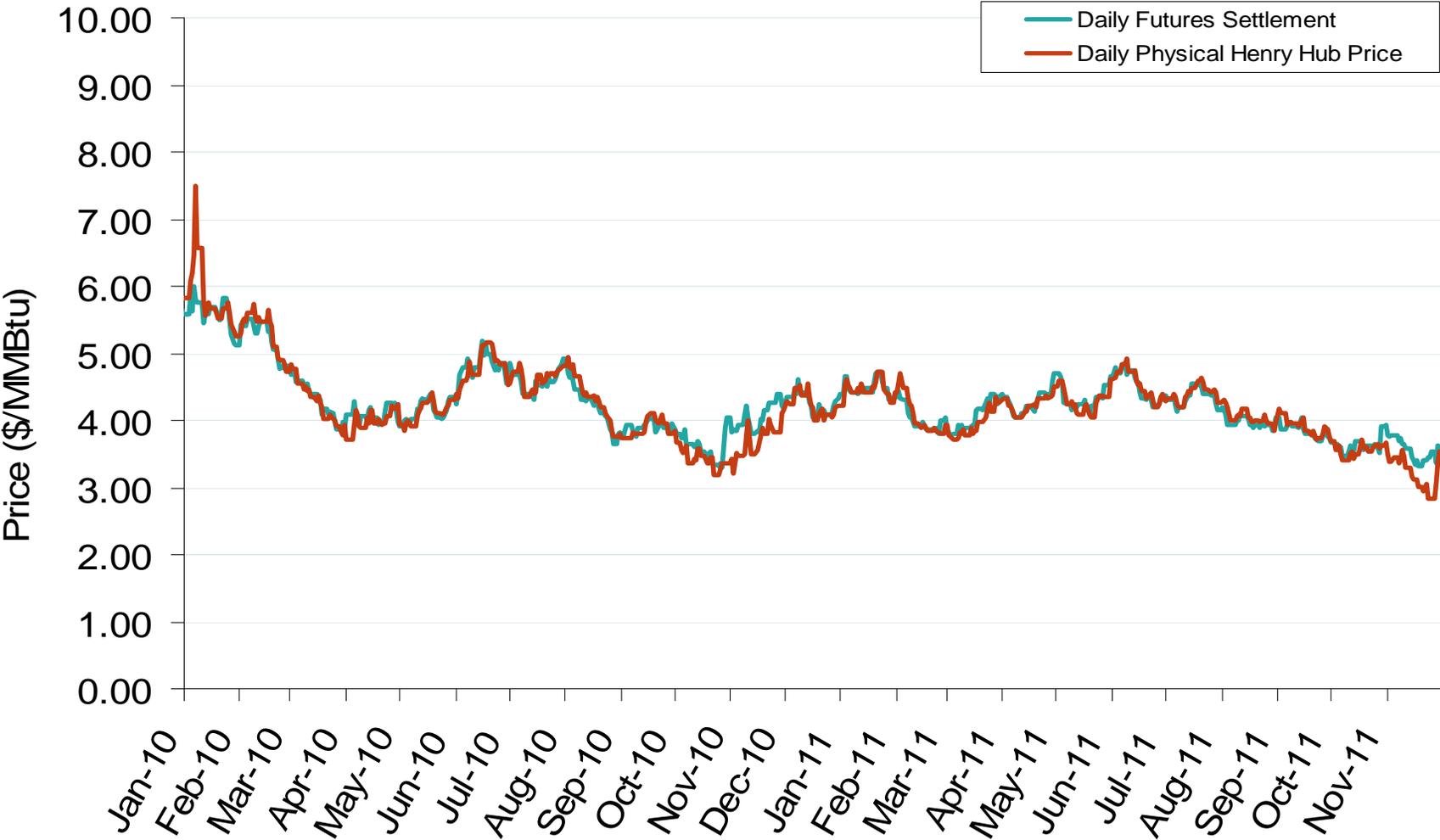
Nymex NG Futures Prompt Month Daily Settlement Price



Source: Derived from Nymex data
December 2011 National Snapshot

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Daily Physical Index Price & Daily Futures Settlement Price

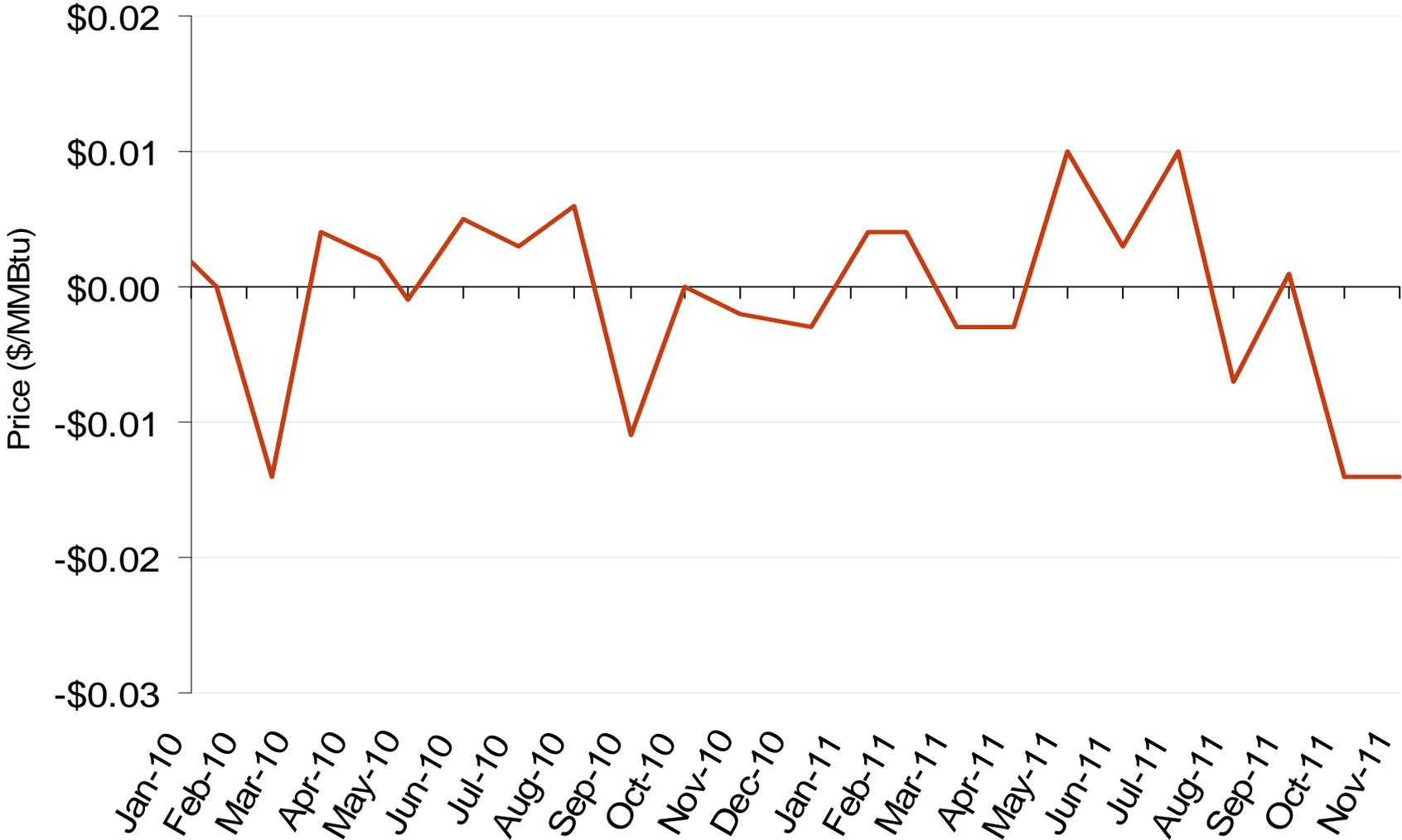


Source: Derived from *Bloomberg* data
December 2011 National Snapshot

Updated: December 05, 2011

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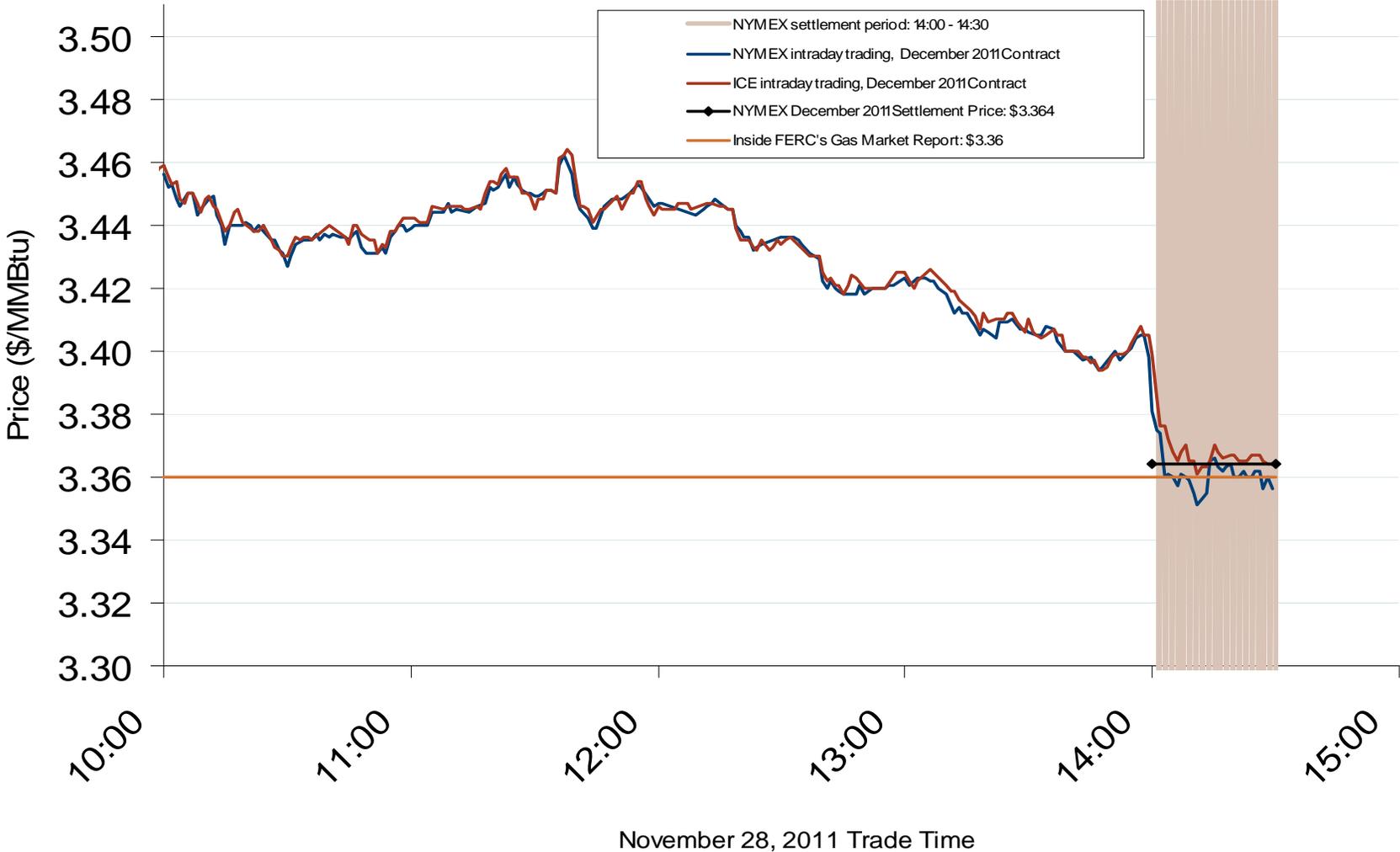
Monthly Phys. Index Minus Monthly Futures Expiration Price at HH



Source: Derived from *Platts* and *Bloomberg* data
December 2011 National Snapshot

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Nymex and ICE Contract Final Settlement - December 2011



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)

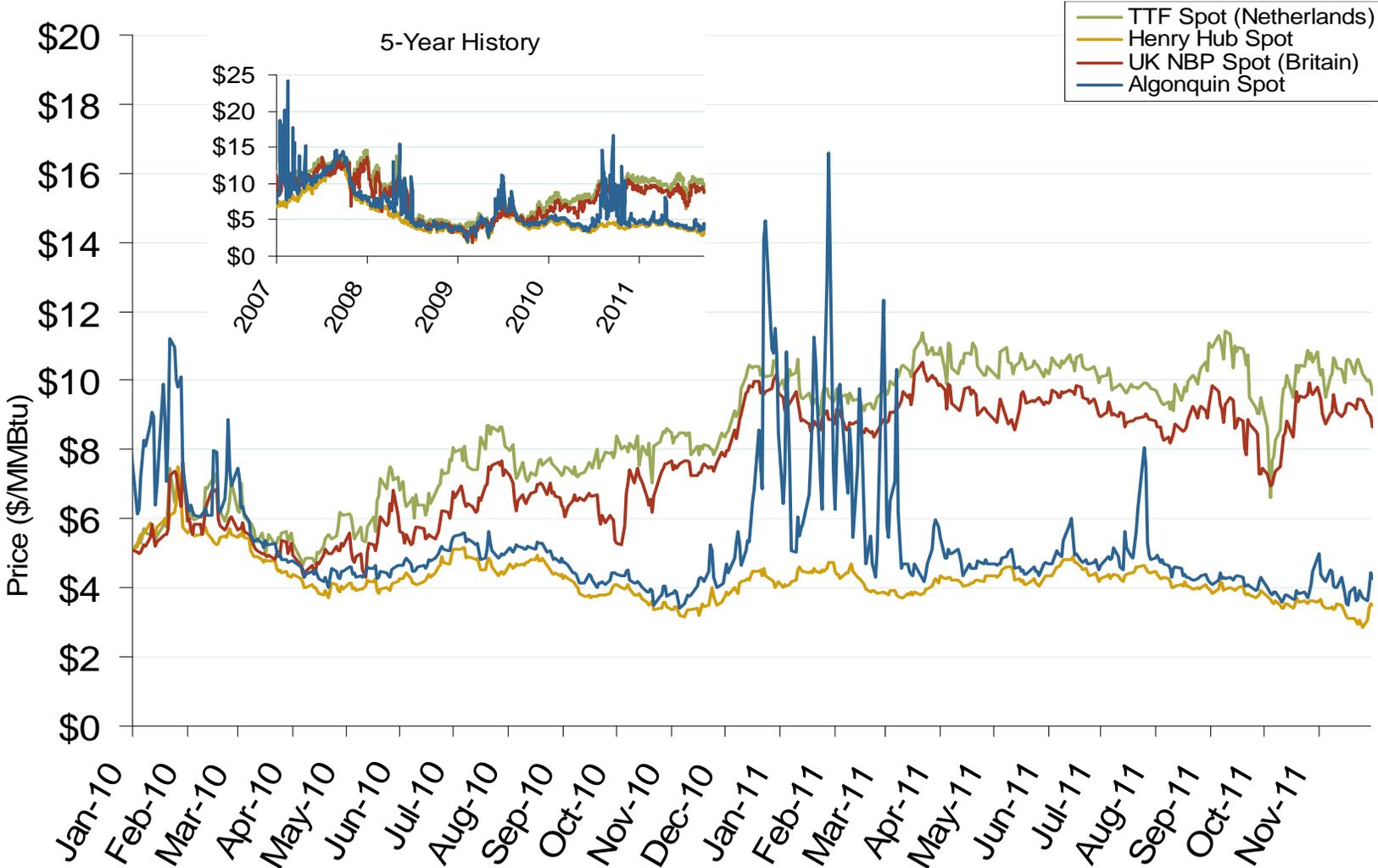
Source: Derived from *Nymex* and *ICE* data
December 2011 National Snapshot

Updated: December 05, 2011

World LNG Estimated January 2012 Landed Prices



Atlantic Basin European and US Spot Natural Gas Prices

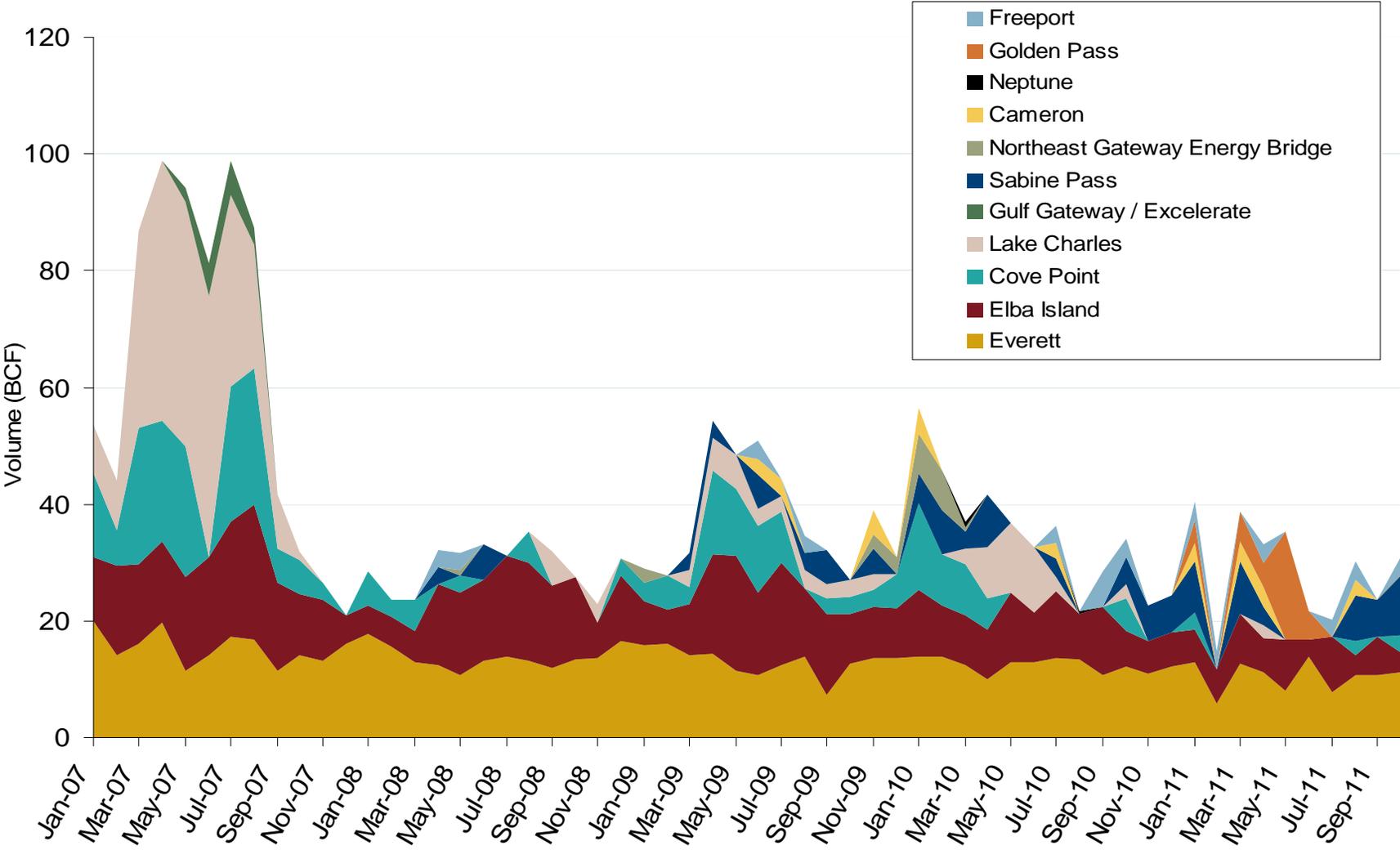


Source: Derived from *Bloomberg* and *ICE* data
December 2011 National Snapshot

Updated: December 05, 2011

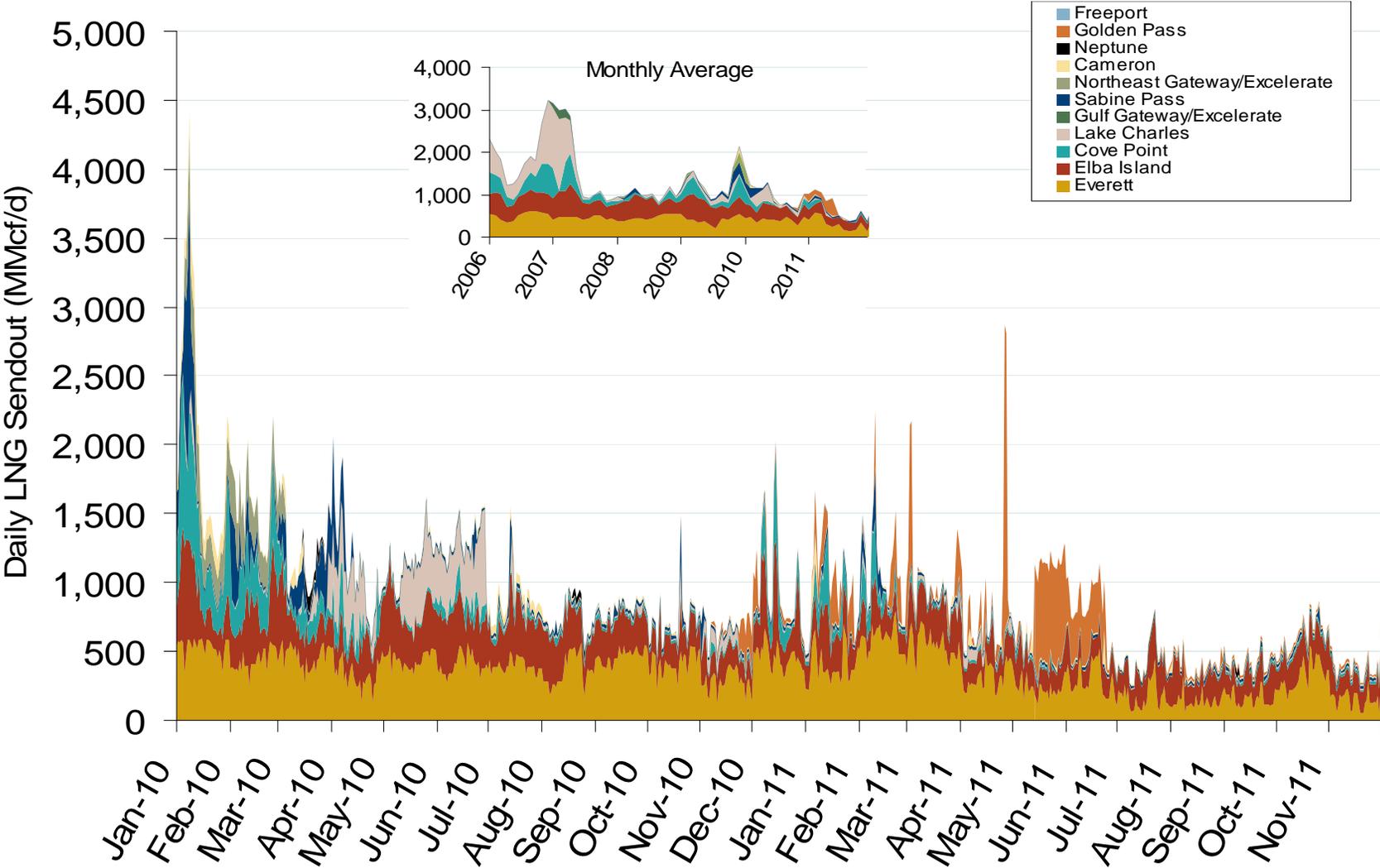
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Monthly Gas Imports at Existing U.S. LNG Facilities



Source: Derived from DOE Office of Fossil Energy data
December 2011 National Snapshot

Daily Gas Sendout from Existing LNG Facilities

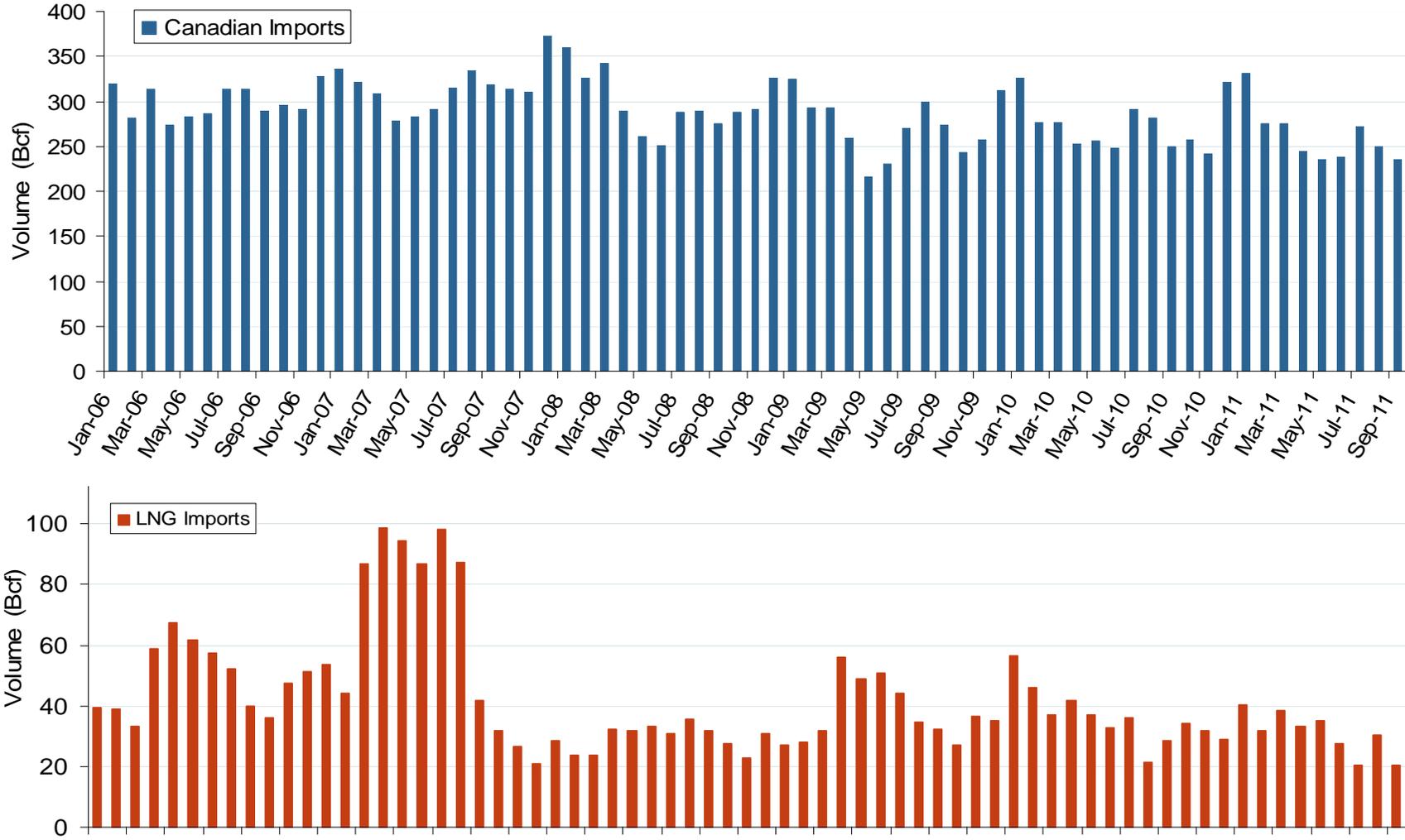


Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan Boston Gas, and LNG trucked out of the terminal. Excludes Freeport LNG which flows via intrastate pipelines

Source: Derived from Bentek data

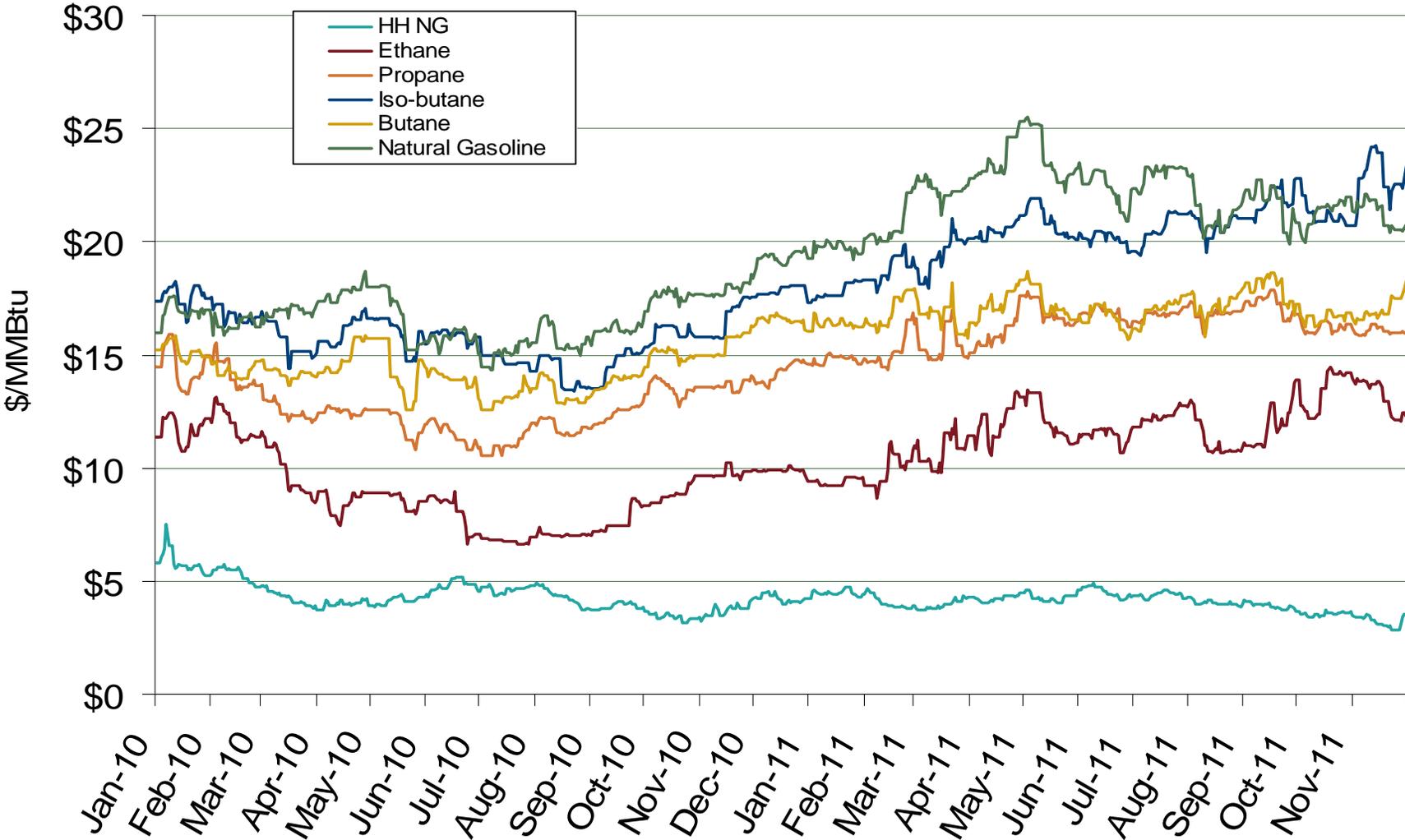
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Canadian and LNG Natural Gas Imports Into the U.S.



Source: EIA Natural Gas Monthly
December 2011 National Snapshot

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



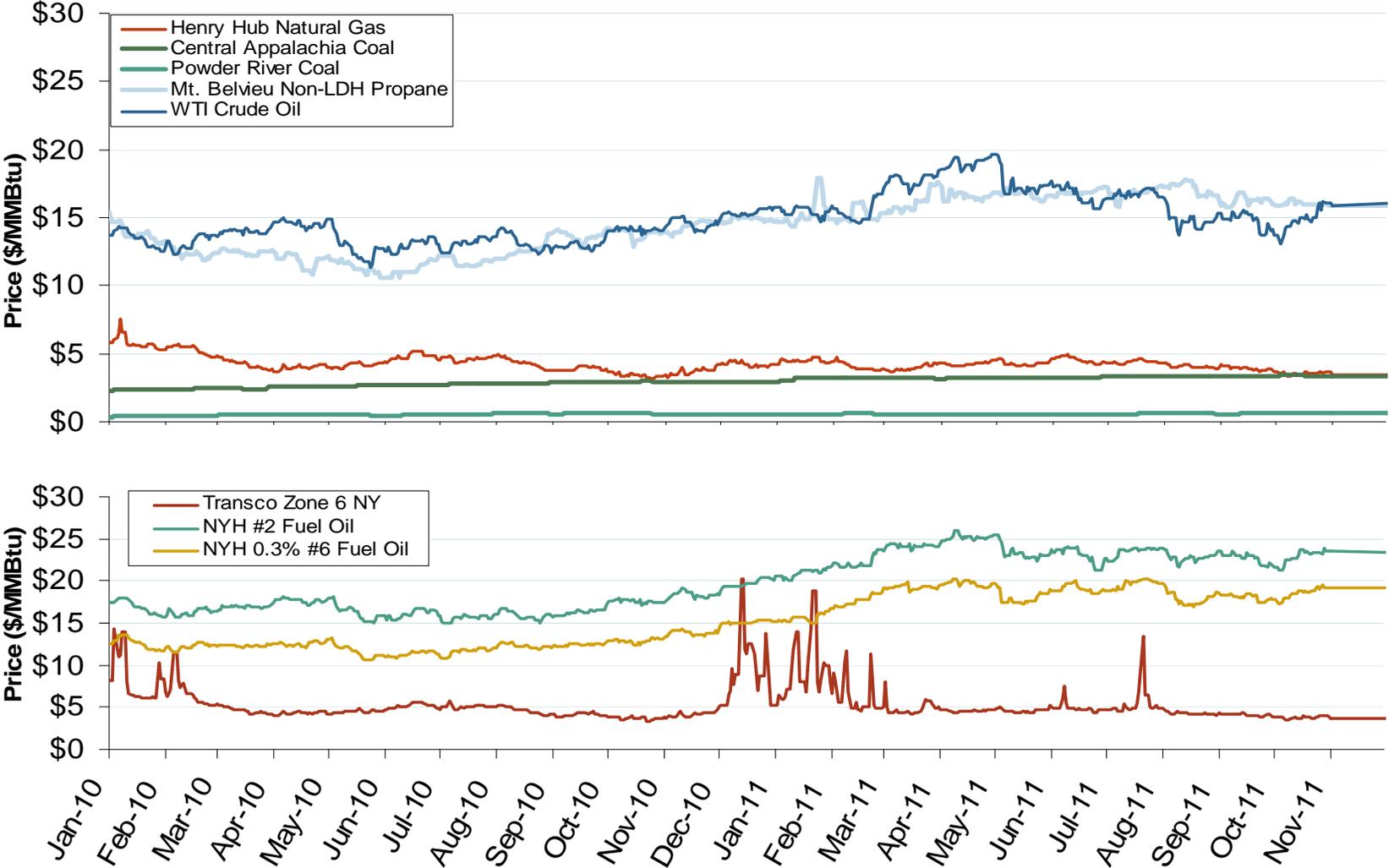
Source: Derived from *Bloomberg* Data
December 2011 National Snapshot

Updated: December 05, 2011

Other Fuels Market: Fossil Fuel Prices

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

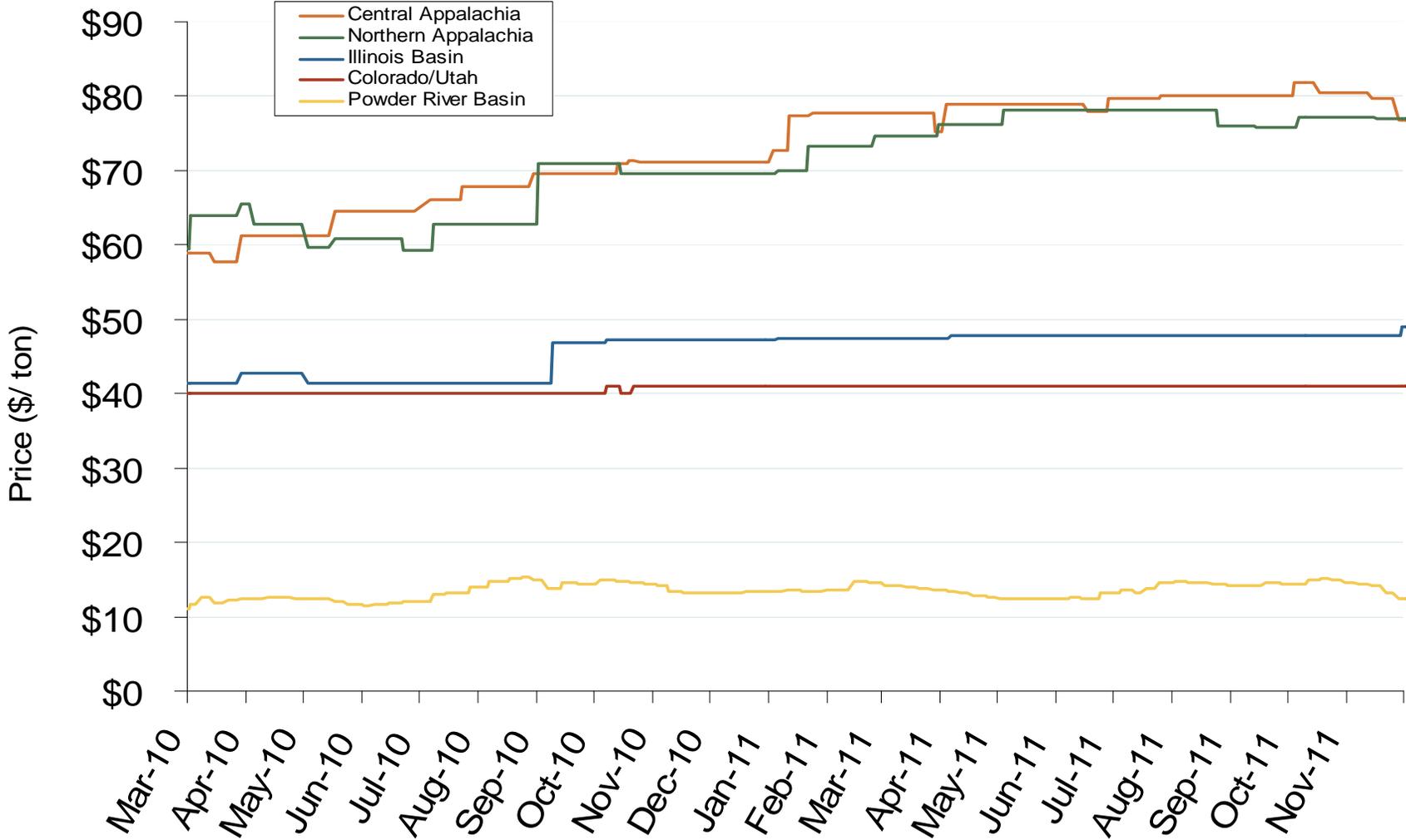
Oil, Coal, Natural Gas and Propane Daily Spot Prices



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

Central Appalachian and Powder River Basin Coal Prices

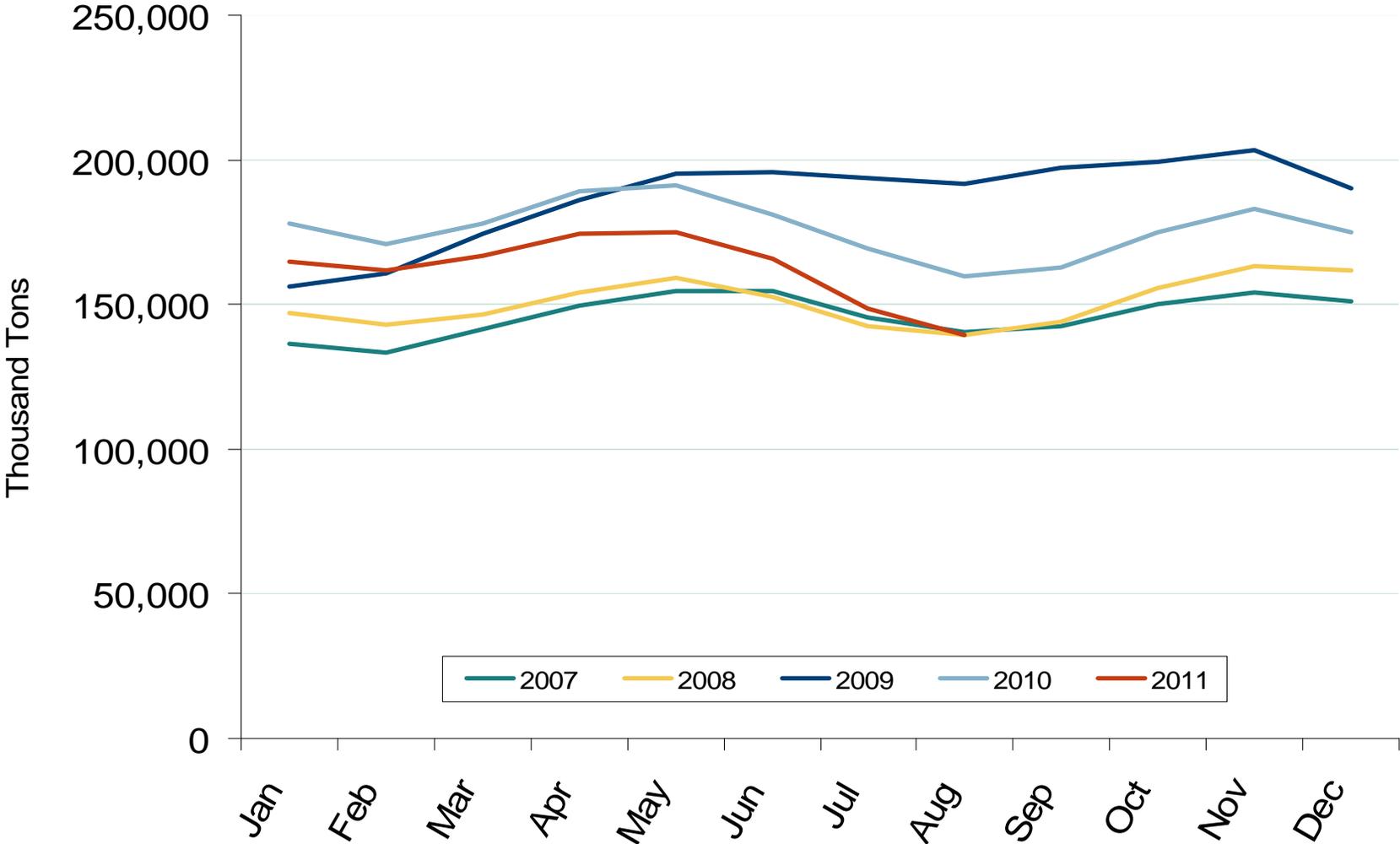


Notes: The Central Appalachian (CAPP) coal is priced at Big Sandy. All others are mine mouth prices. Prices do not include transportation costs to a plant, as those can vary widely by contract specifications. Prices exclude incremental cost of emissions allowances

Source: Derived from Bloomberg data

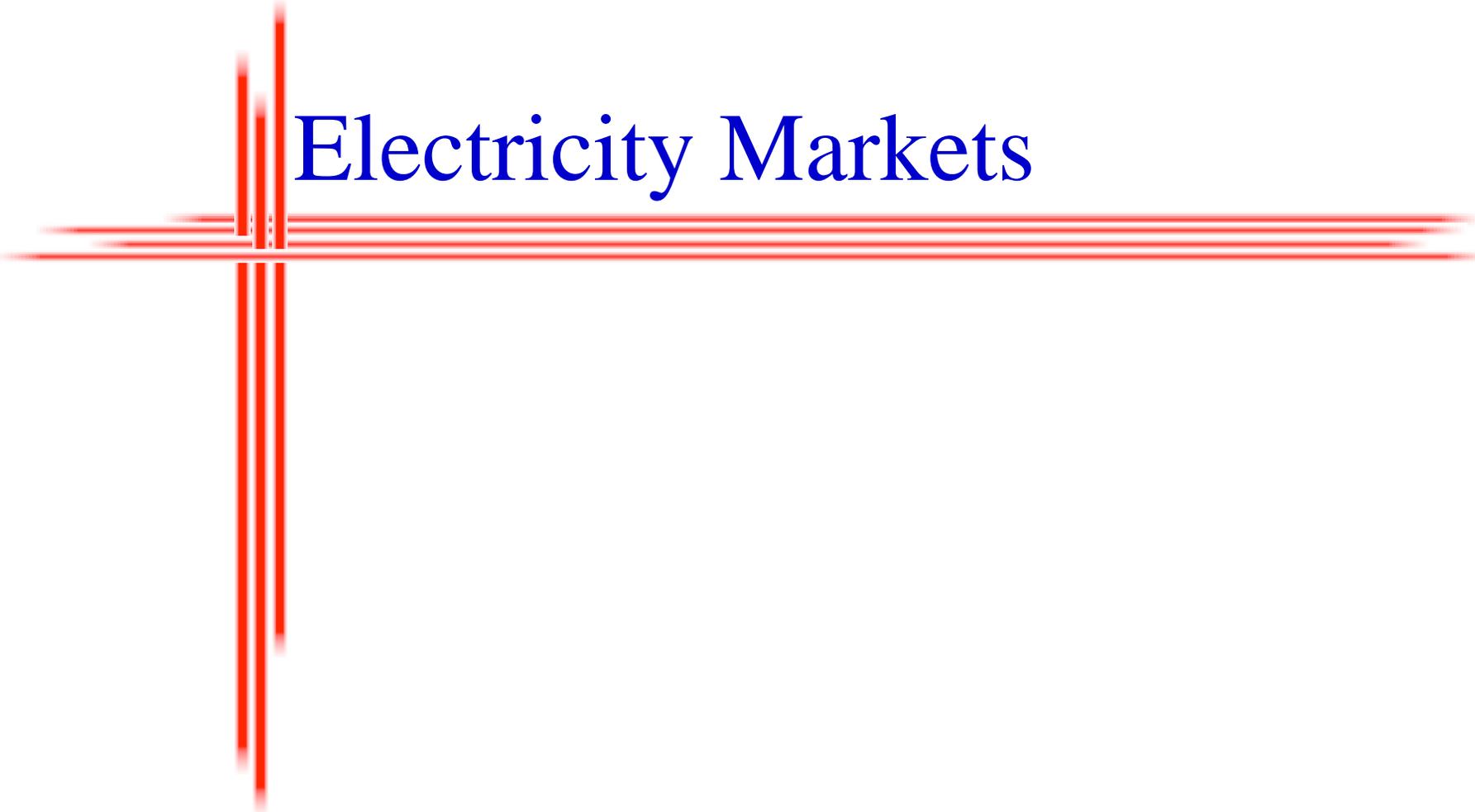
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U.S. Coal Stockpiles at Electric Power Generating Facilities



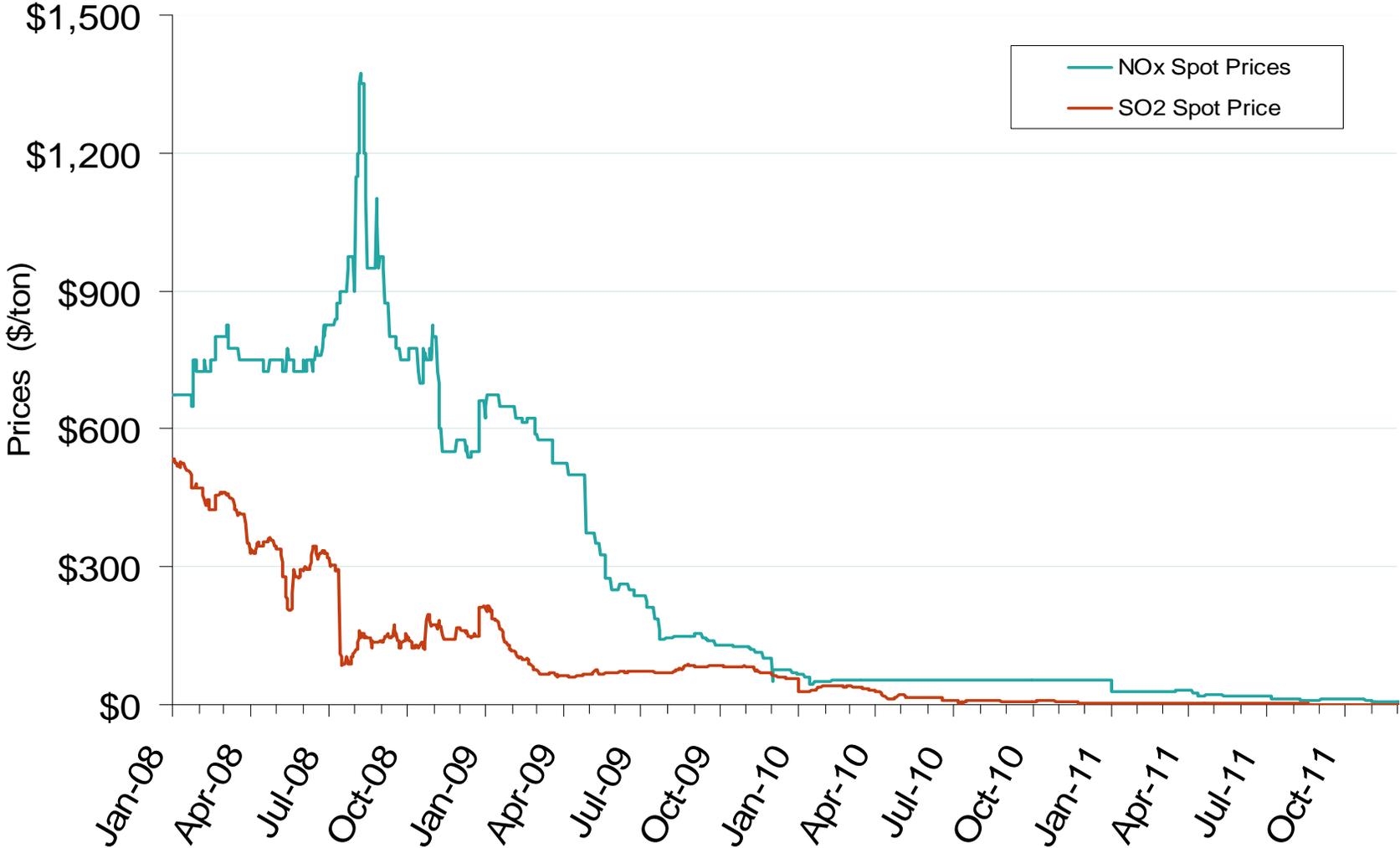
Source: Derived from EIA data. Excludes Industrial and Commercial Plants
December 2011 National Snapshot

Updated: December 02, 2011



Electricity Markets

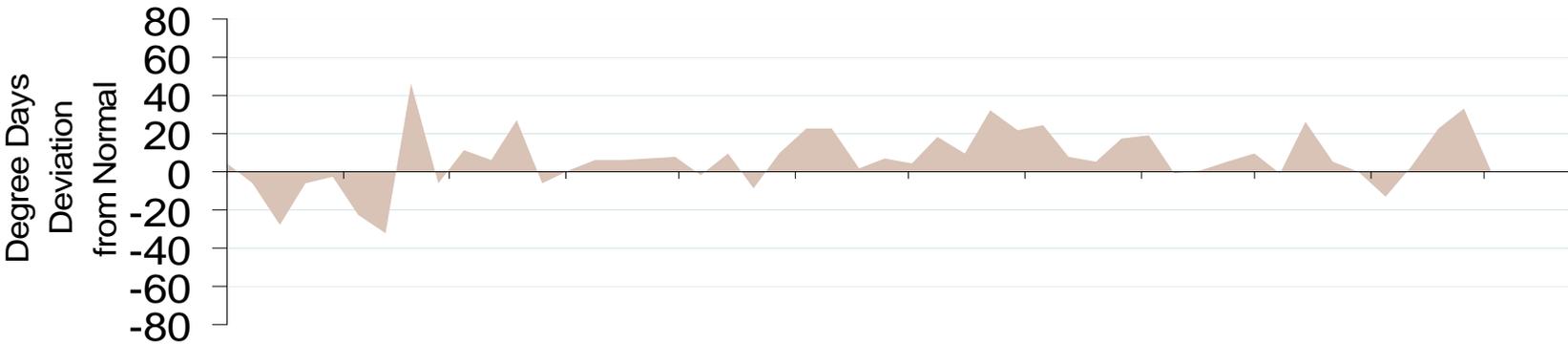
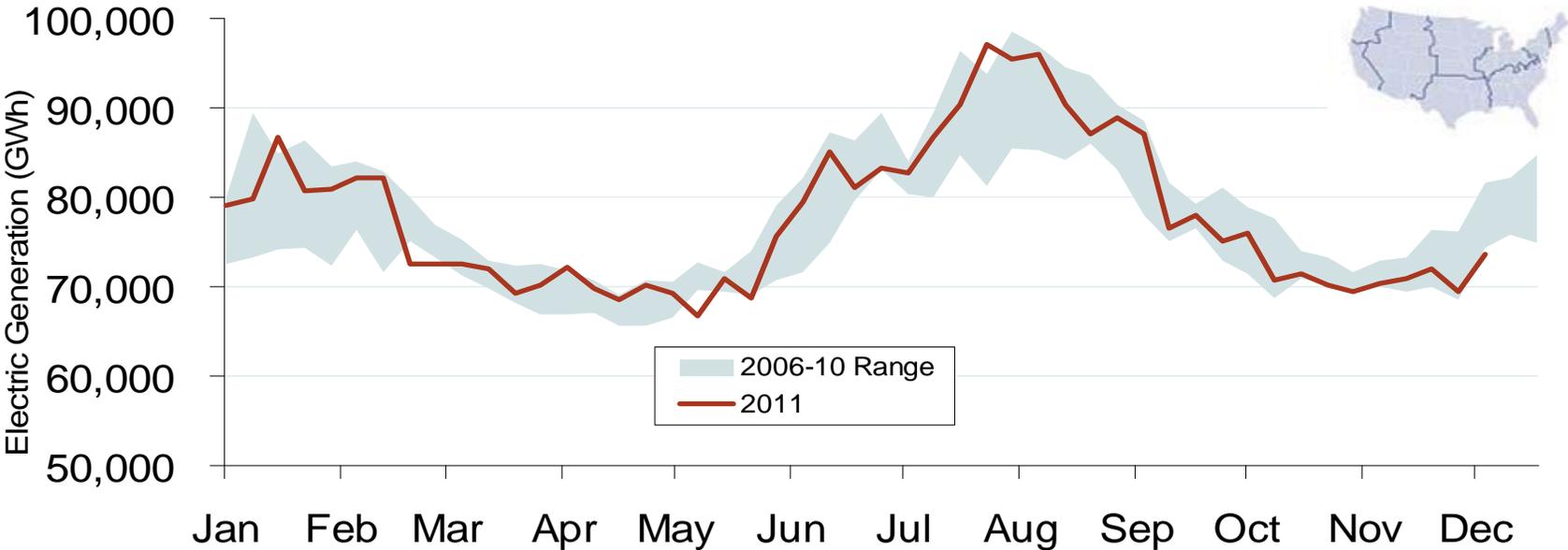
SO2 Allowance Spot Prices and NOx Allowance Spot Prices



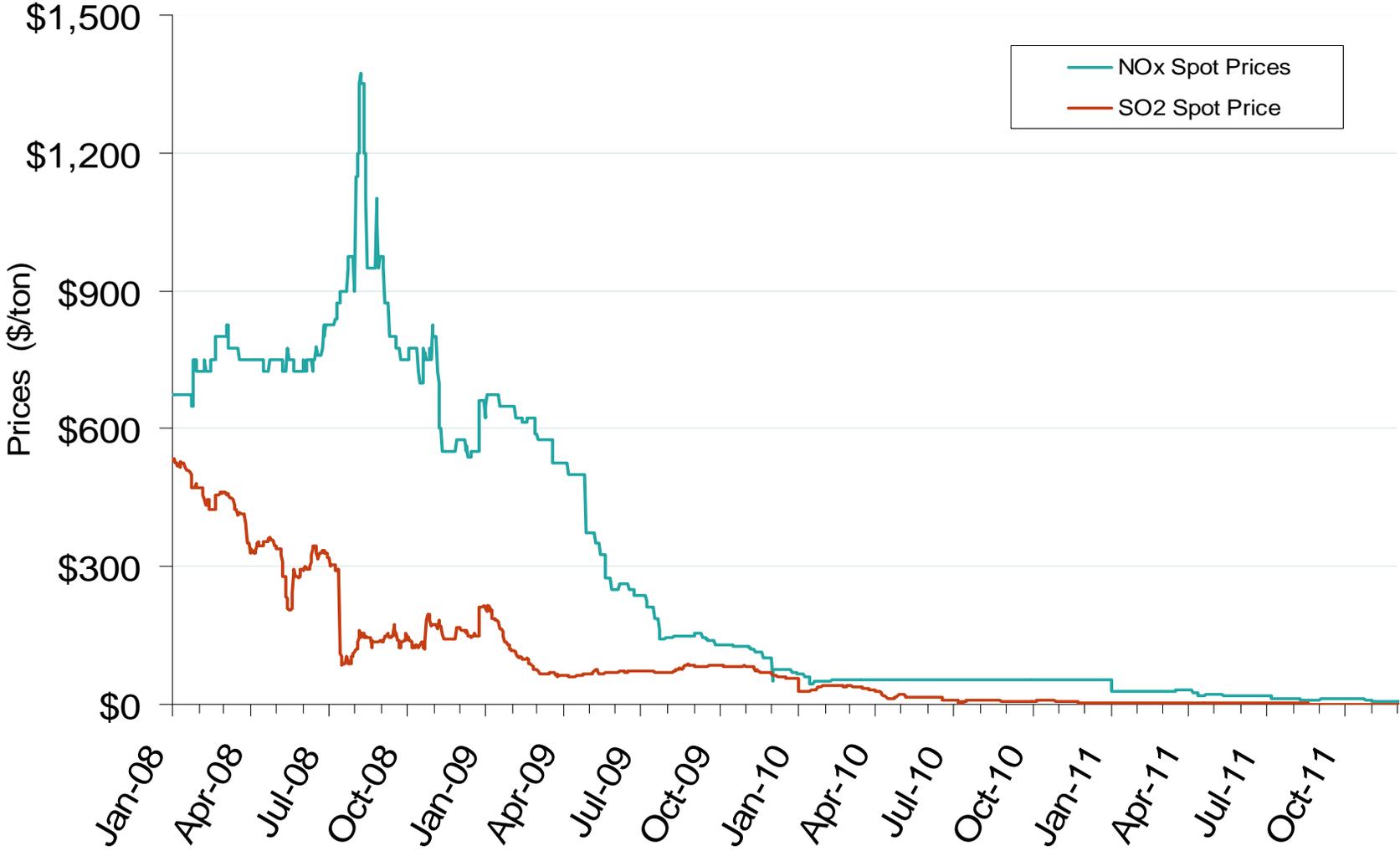
Source: Derived from *Bloomberg* data
December 2011 National Snapshot

Updated: December 05, 2011

Weekly U.S. Electric Generation Output and Temperatures



SO2 Allowance Spot Prices and NOx Allowance Spot Prices



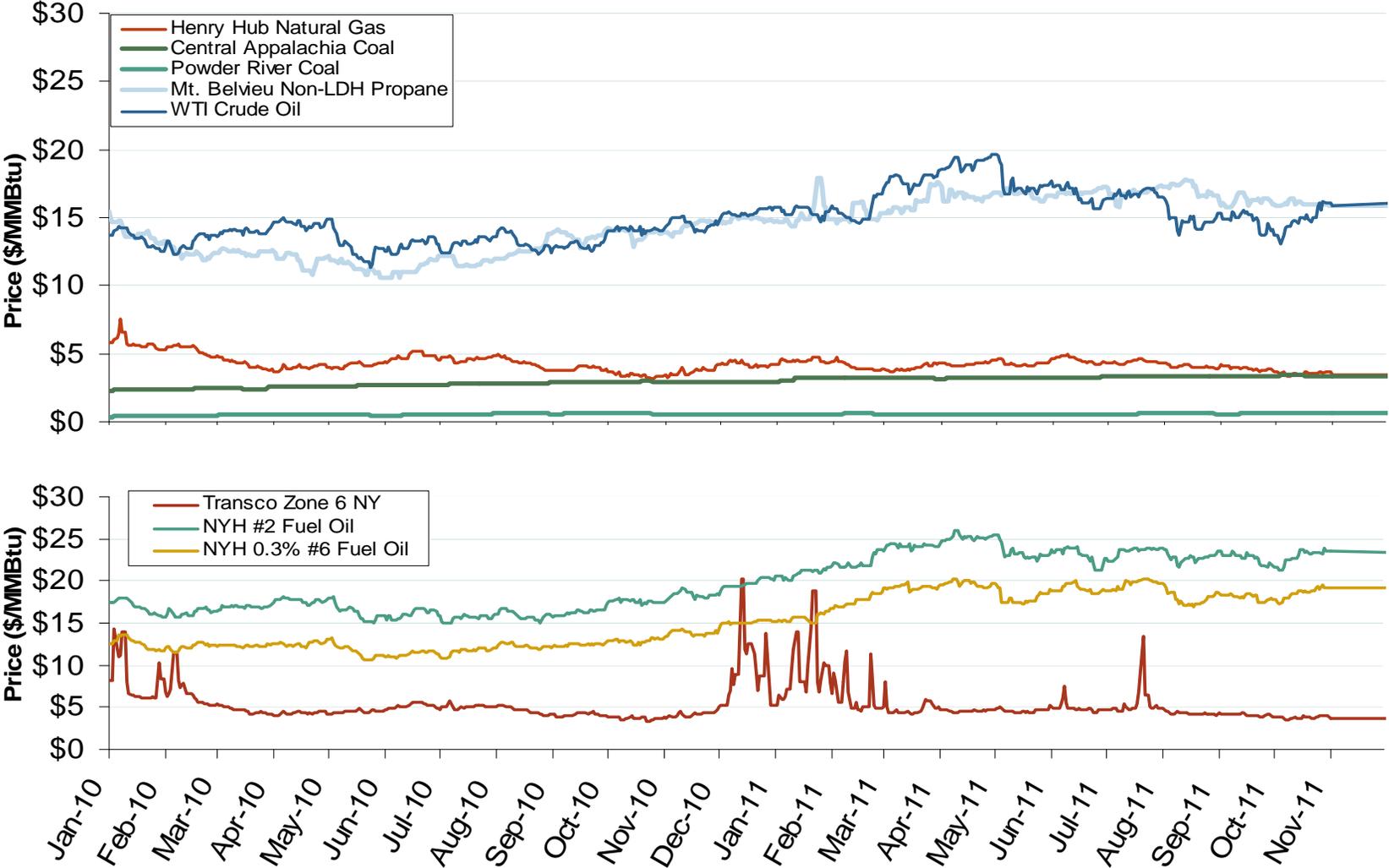
Source: Derived from *Bloomberg* data
December 2011 National Snapshot

Updated: December 05, 2011

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

December 2011 National Snapshot

Updated: December 05, 2011