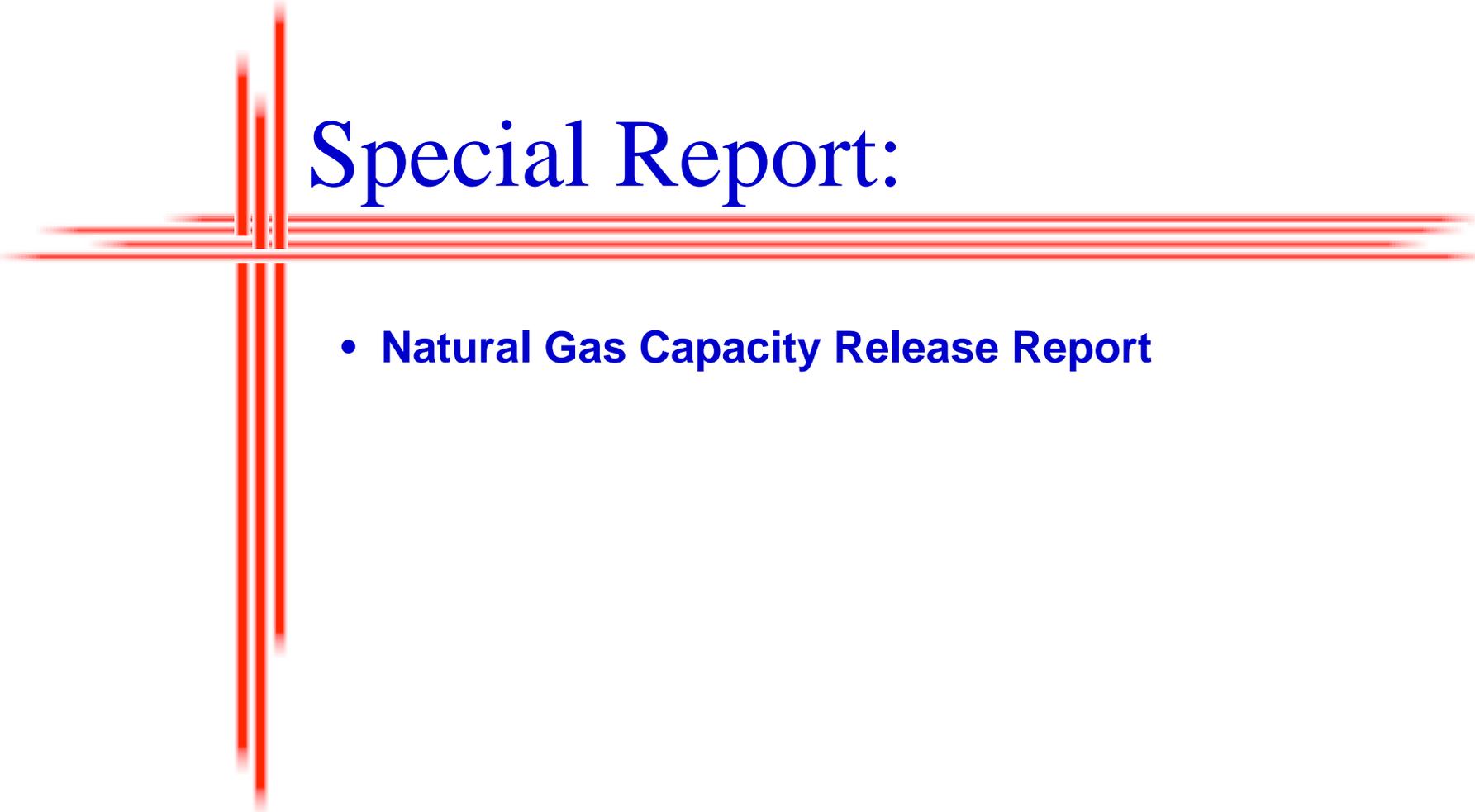


OE ENERGY MARKET SNAPSHOT

National Version – January 2011 Data

- **Special Report**
- **Weather**
- **Natural Gas and Fuel Markets**
- **Electricity Markets**

Office of Enforcement
Federal Energy Regulatory Commission
February 2011



Special Report:

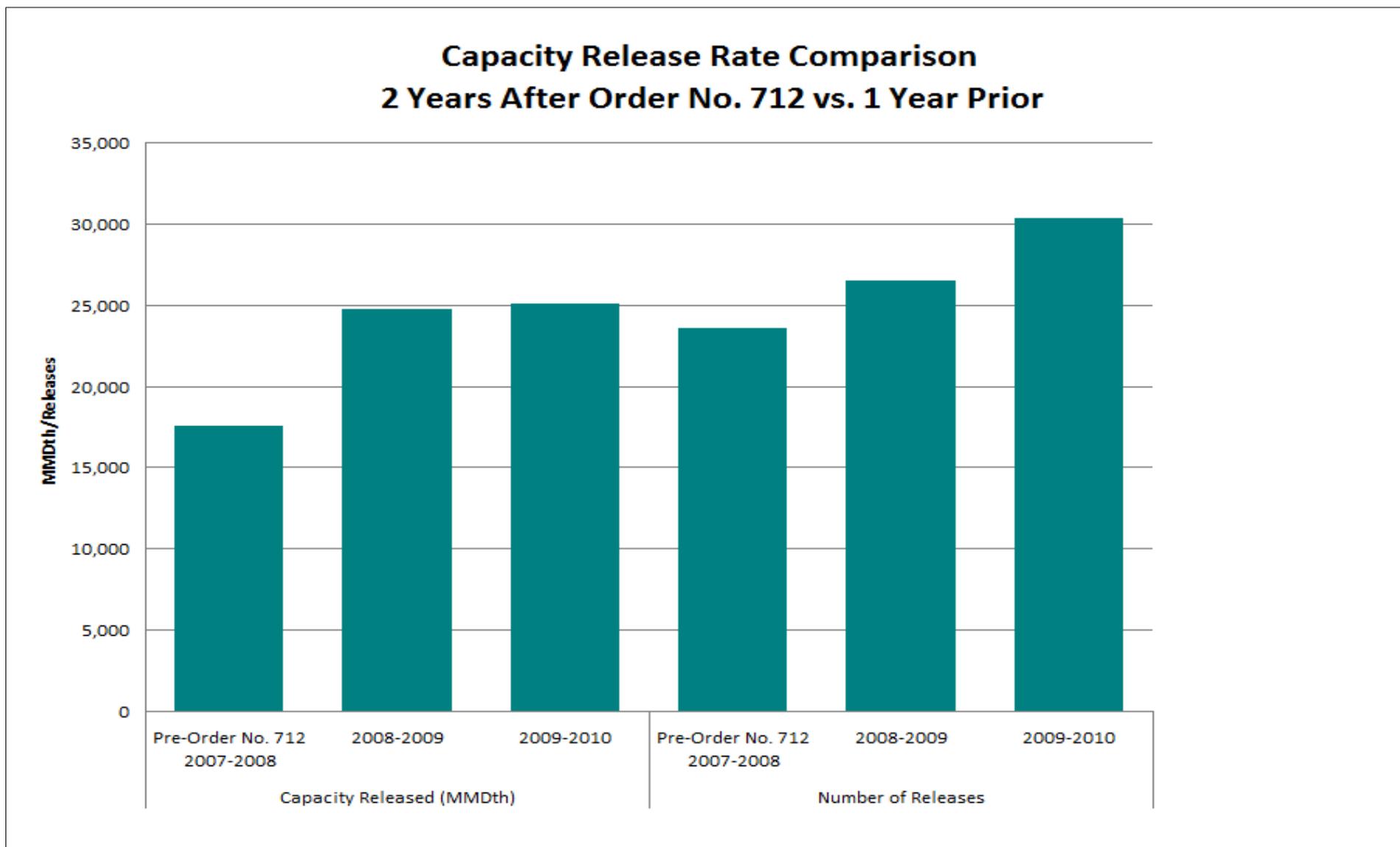
- **Natural Gas Capacity Release Report**

Introduction

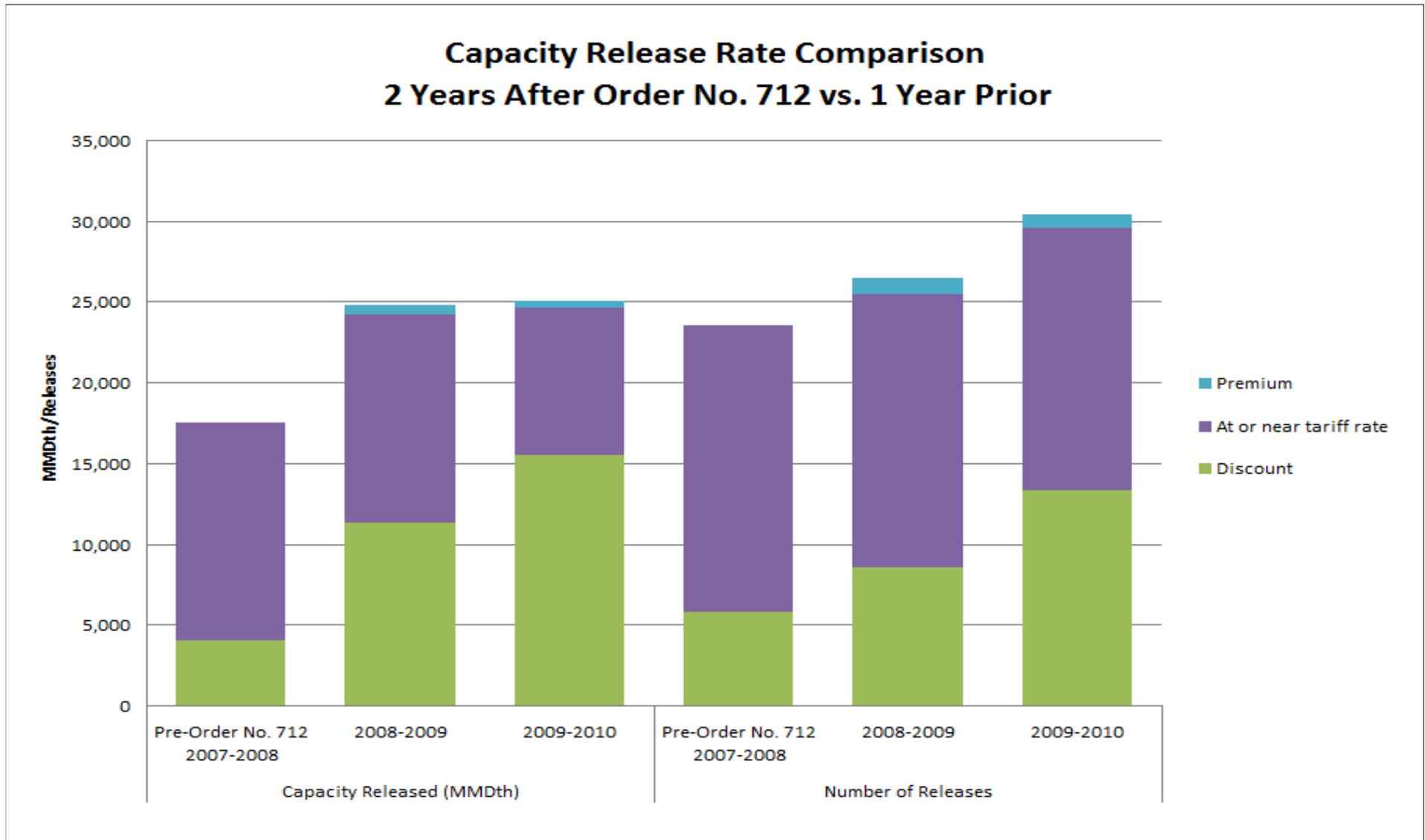
- On June 19, 2008, FERC issued Order No. 712, which removed the price cap on short-term (less than one year) capacity releases on interstate natural gas pipelines.
- In the order, the Commission directed “staff to monitor the capacity release program and, using all available information, issue a report on the general performance of the capacity release program, within six months after two years of experience under the new rules”.
- On 1/31/2011, the Commission issued a Staff Report on Capacity Release. To view the document for this Issuance, click here

http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20110131-3078

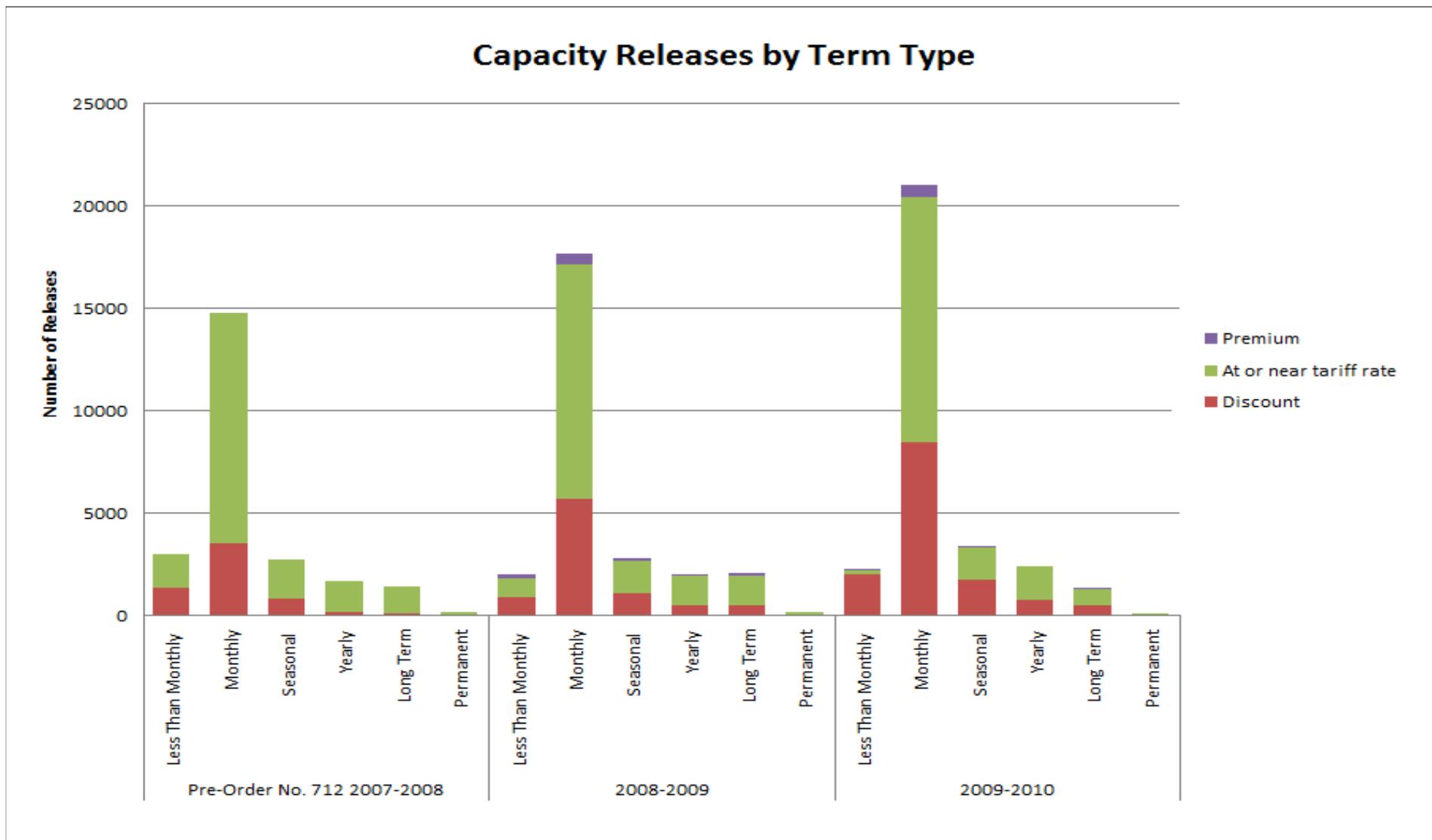
Overview



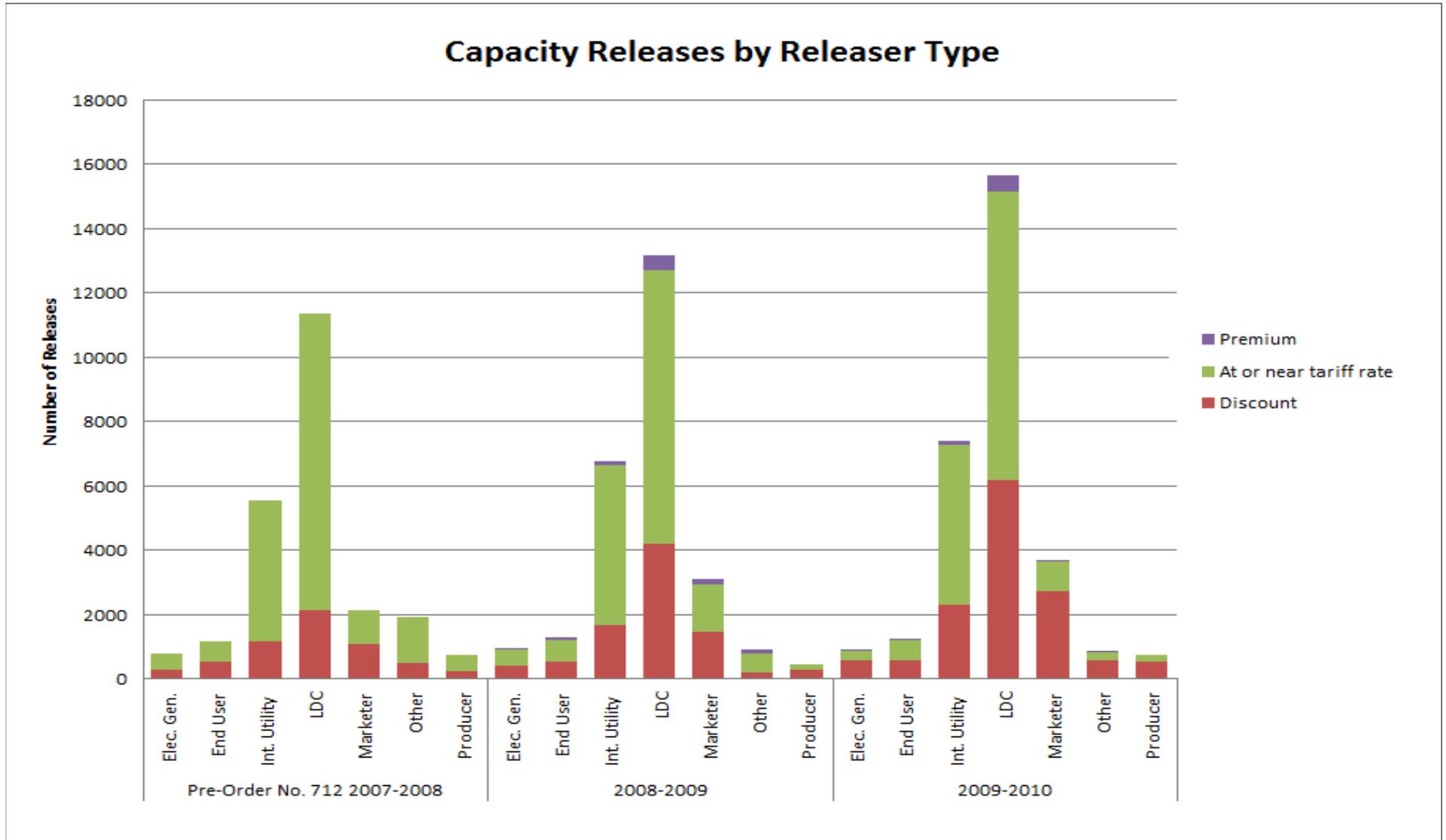
The effects of the Price Cap

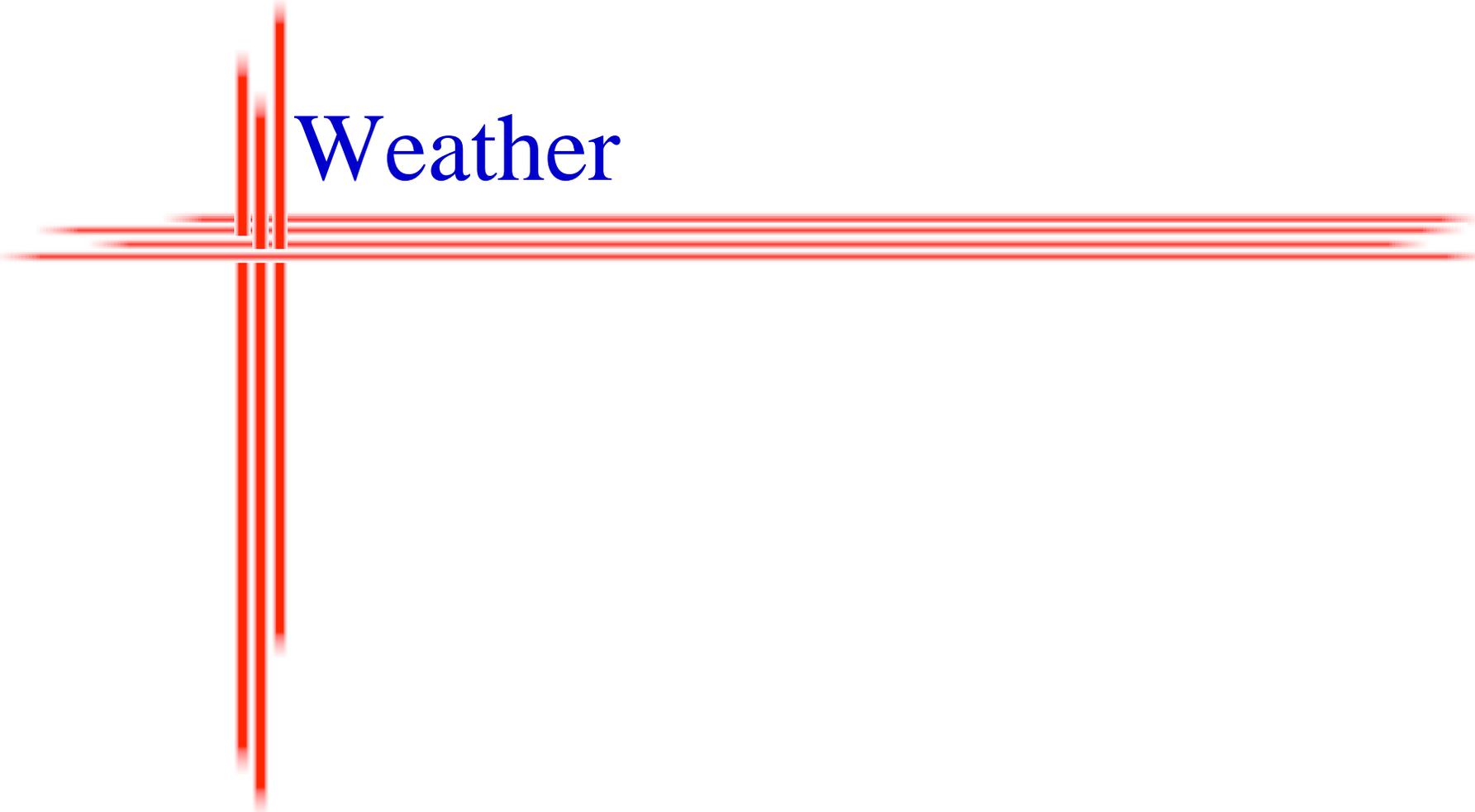


Release Duration



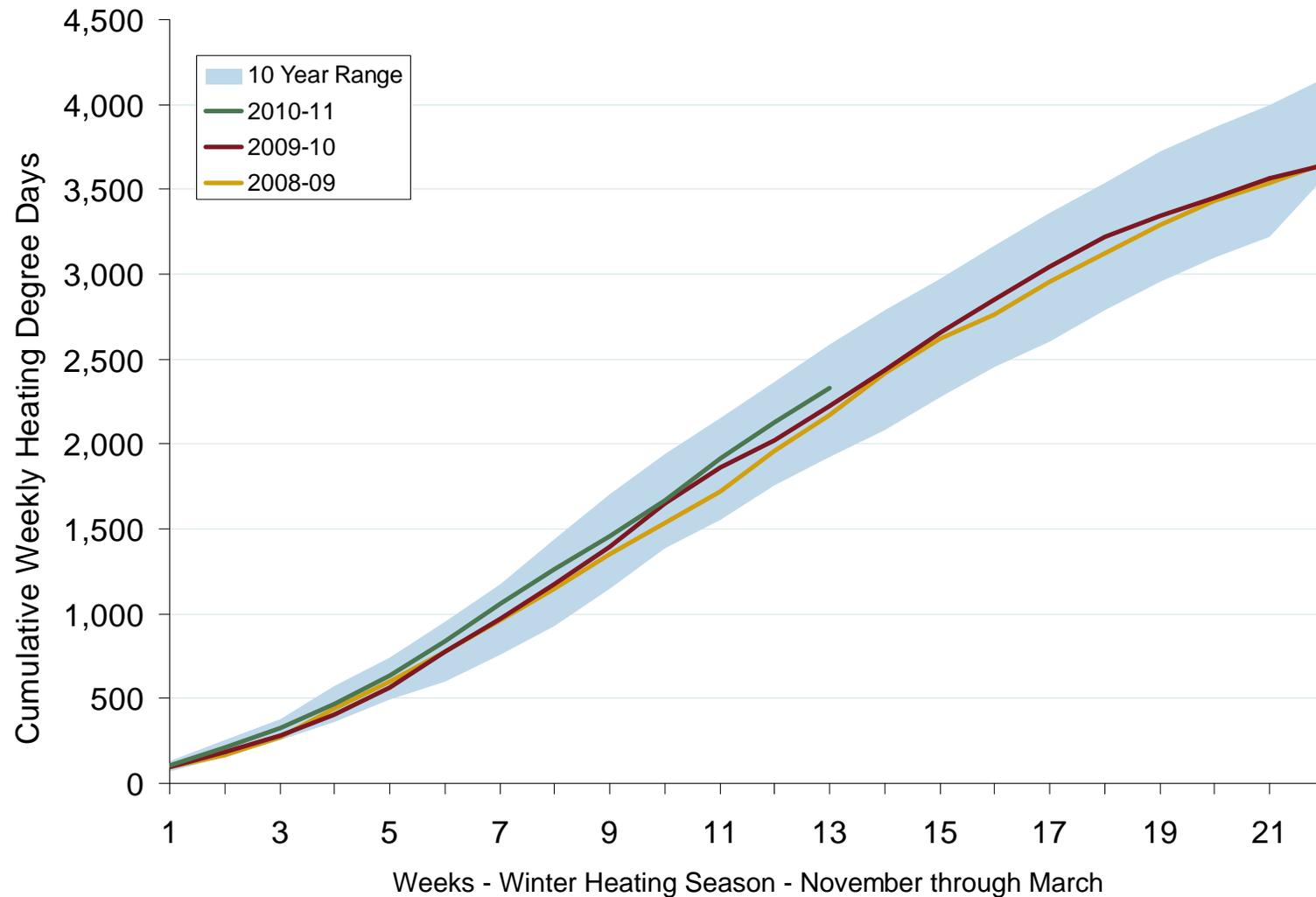
Releasing Shippers



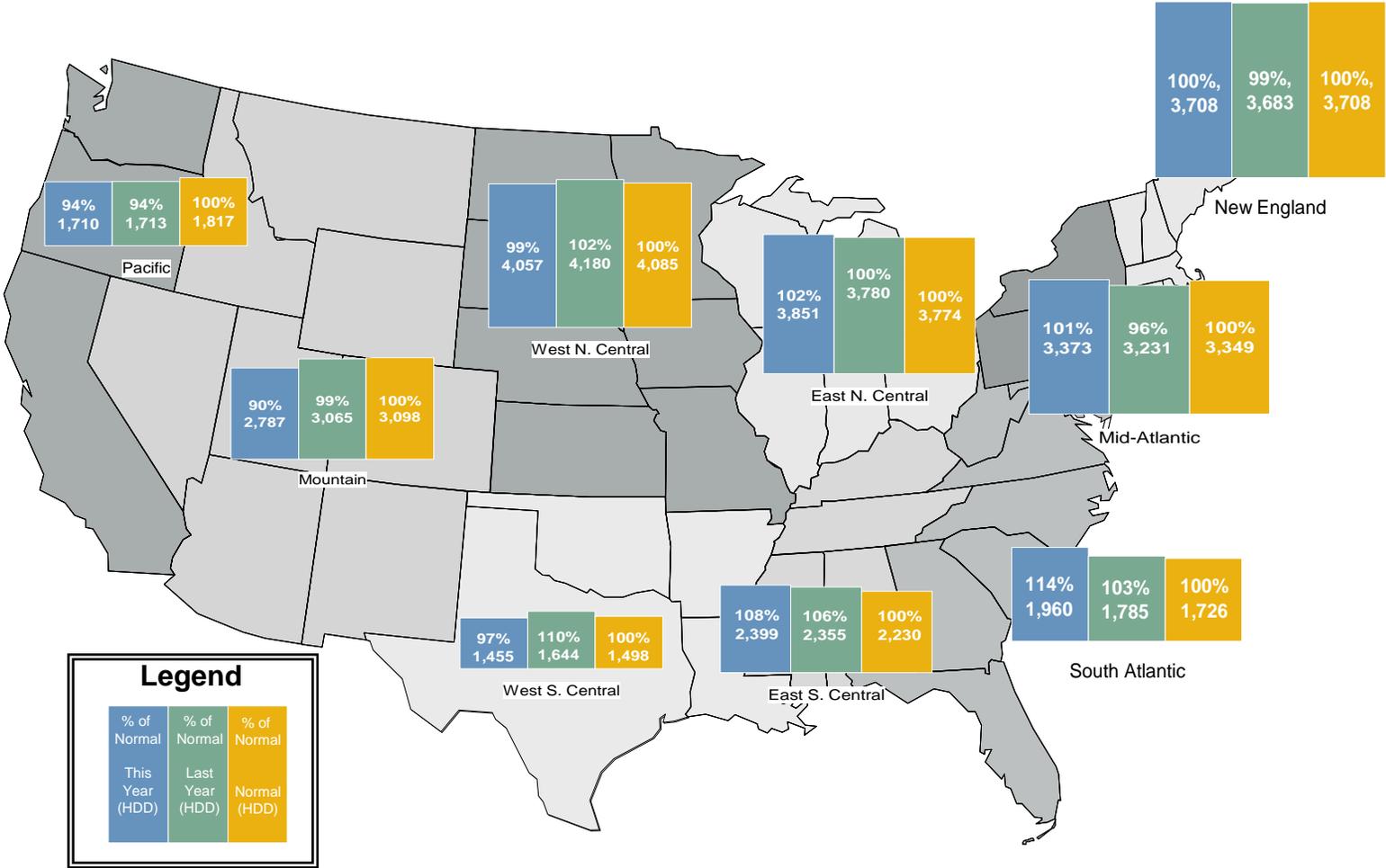


Weather

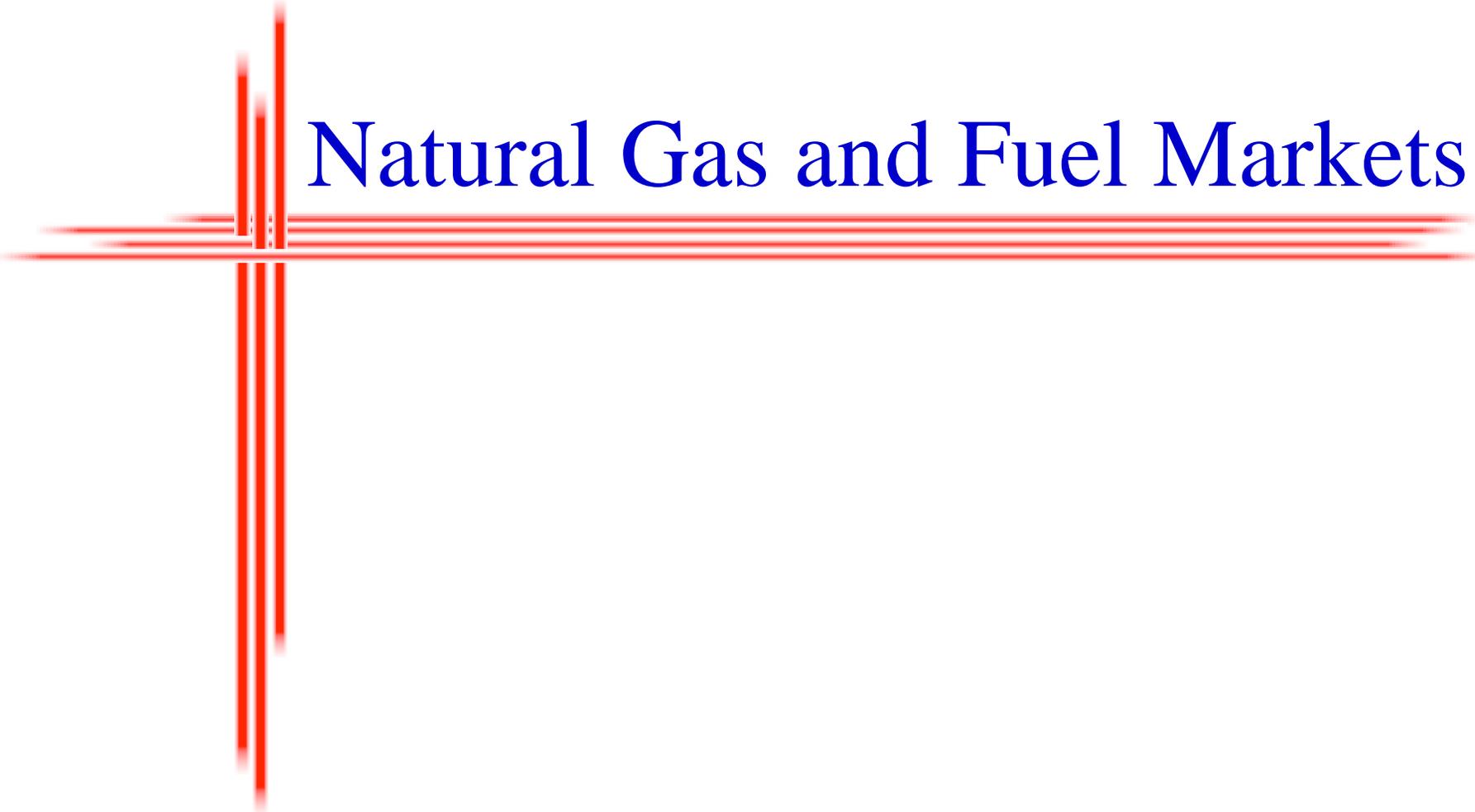
U. S. Winter Cumulative Heating Degree Days



Regional Heating Degree Days July 2010 Through January 2011

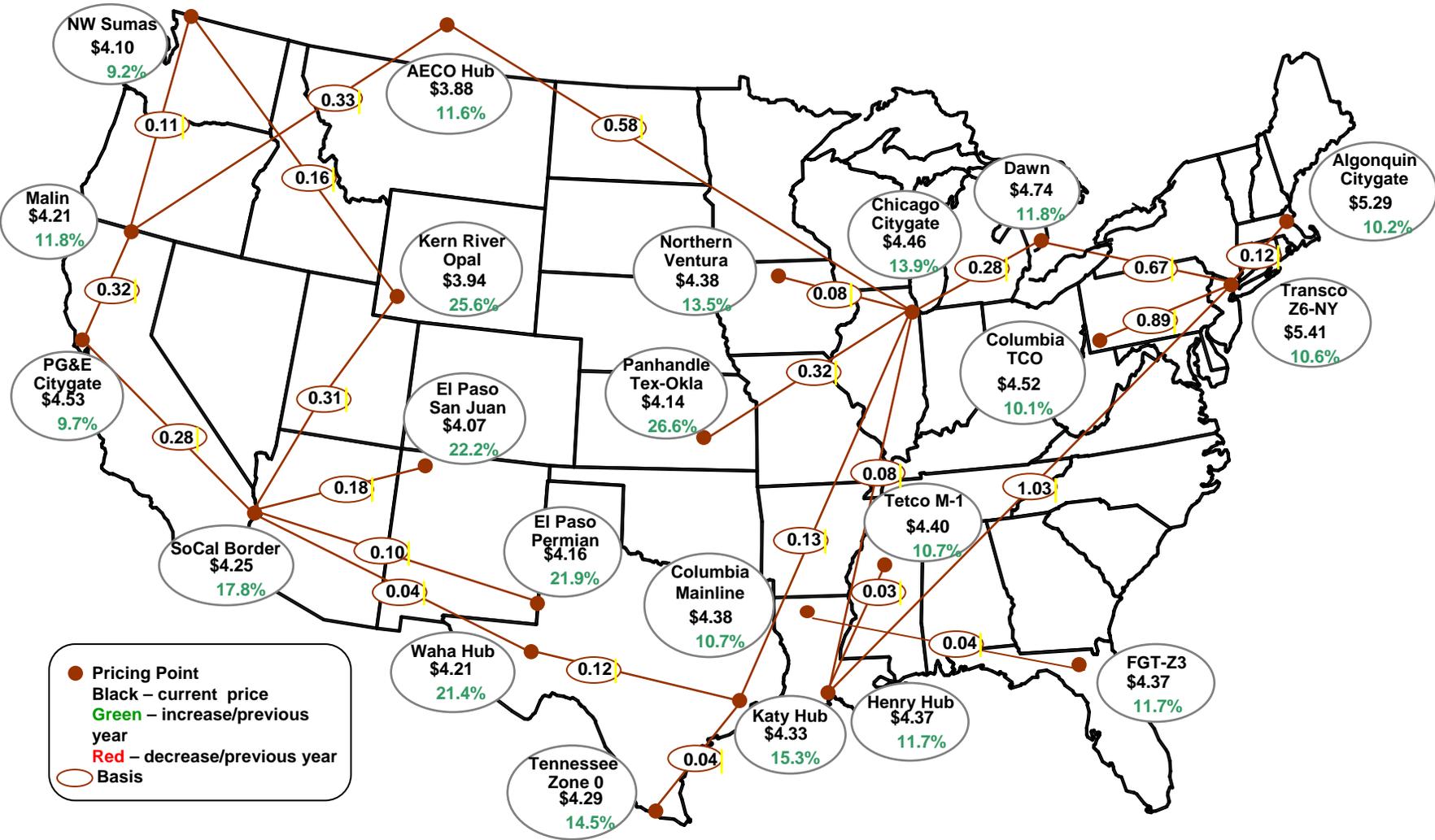


Source: Derived from NOAA data. Normal is based on a 30-year average of heating degree day data.
February 2011 National Snapshot Report



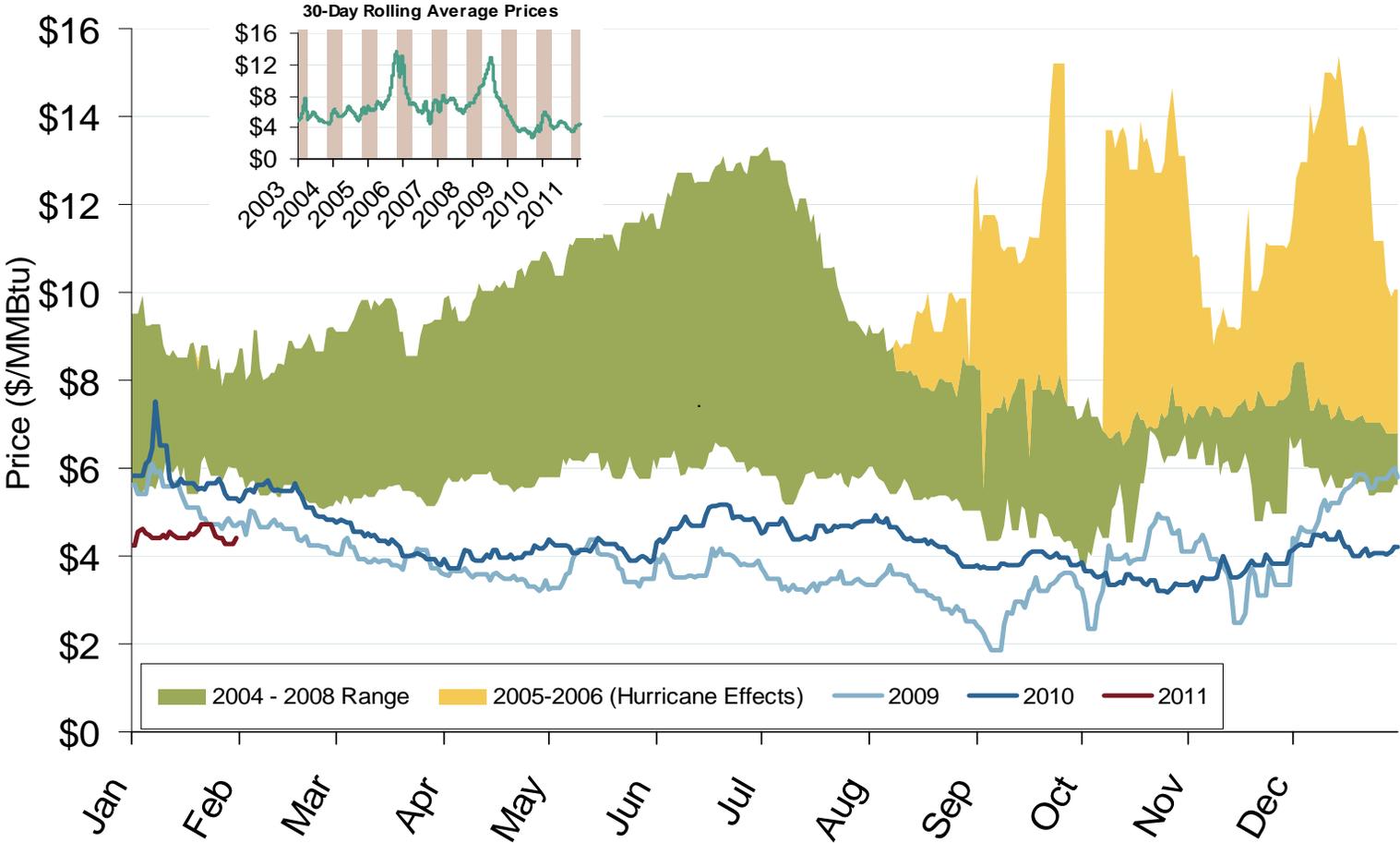
Natural Gas and Fuel Markets

Average Spot Gas Prices, 2010 (\$MMBtu)



Source: Derived from Platts data. February 2011 National Snapshot Report

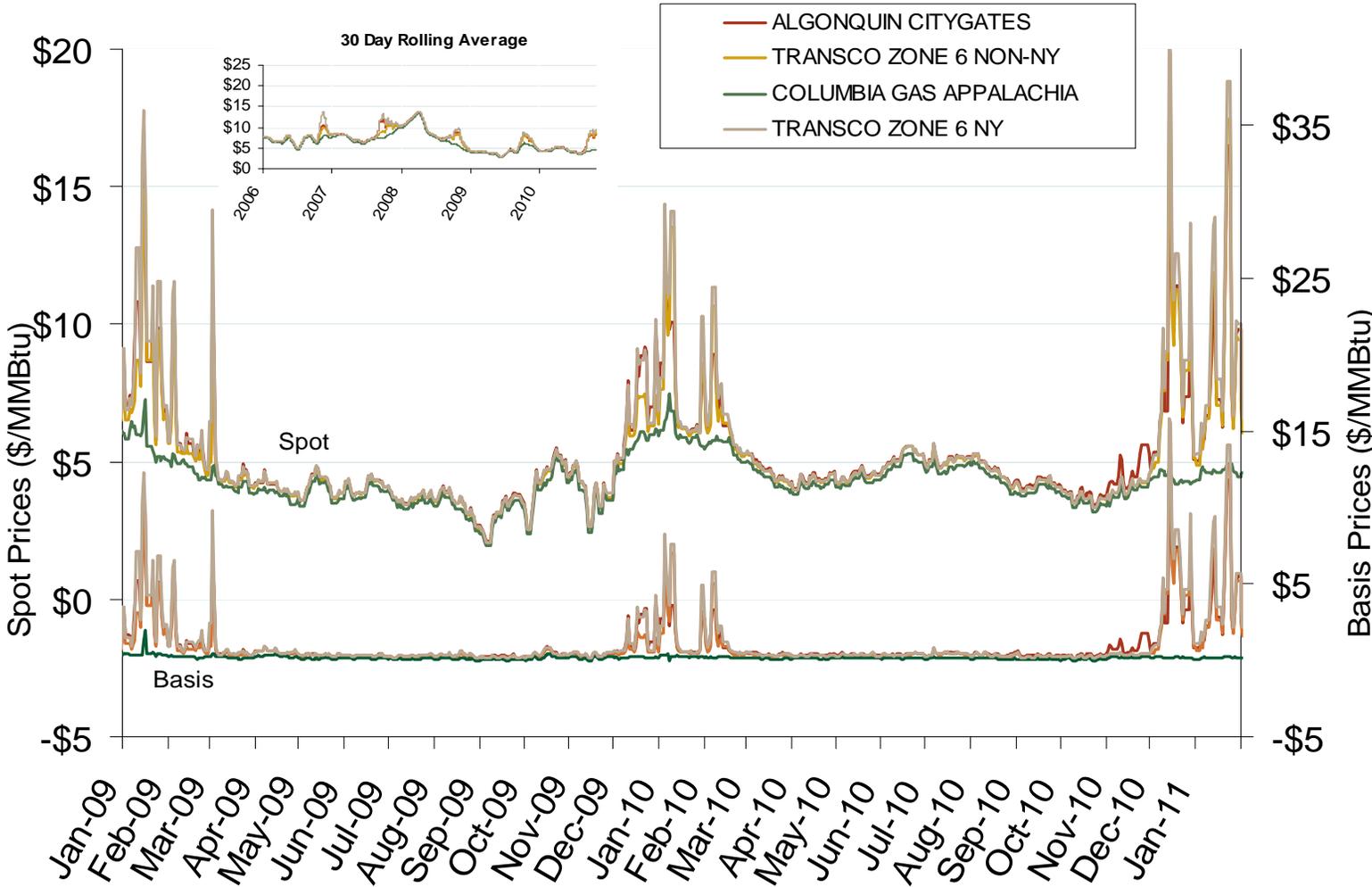
Henry Hub Natural Gas Daily Spot Prices



Source: Derived from *Platts* data.

Updated: February 3, 2011

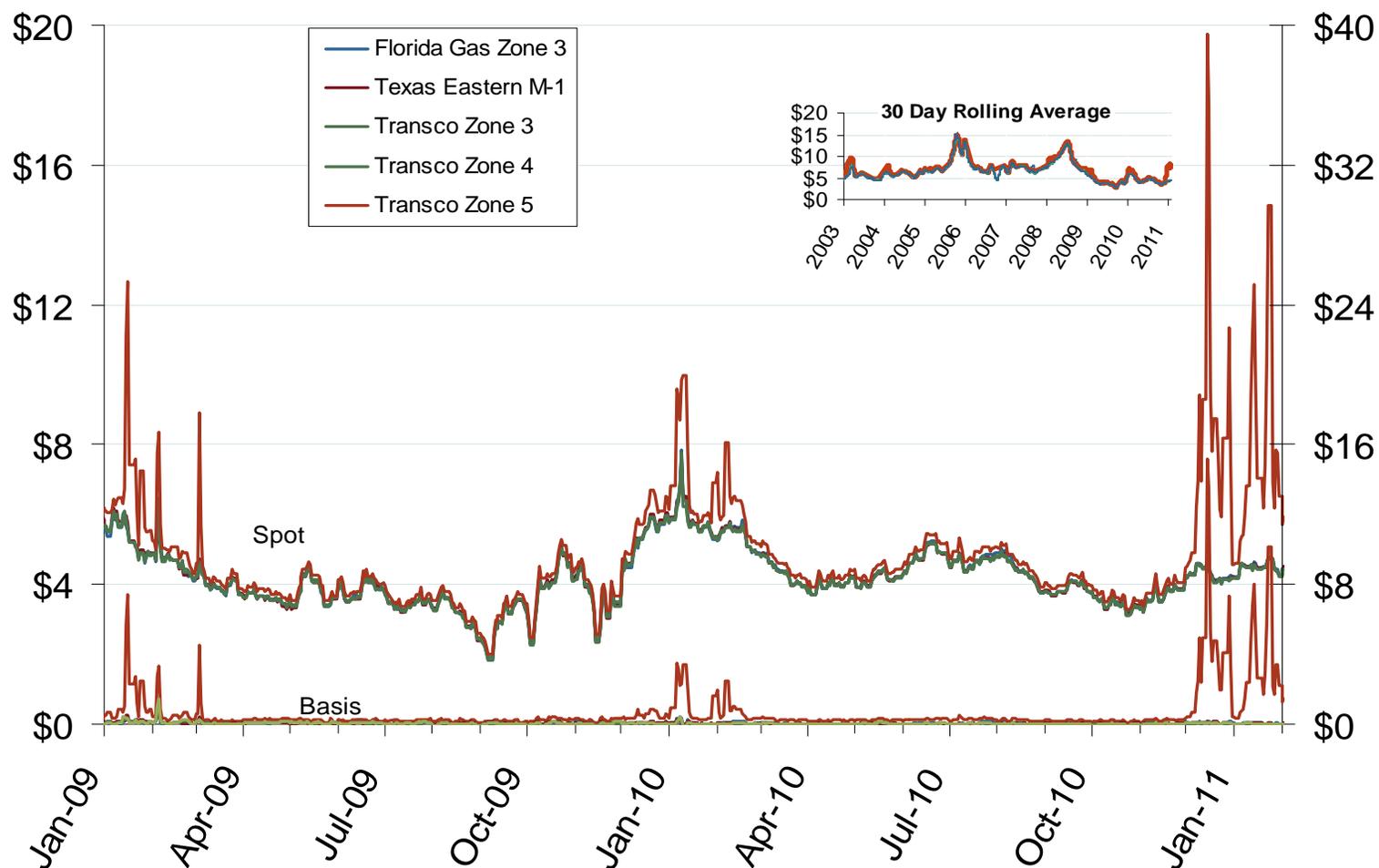
Northeastern Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: February 03, 2011

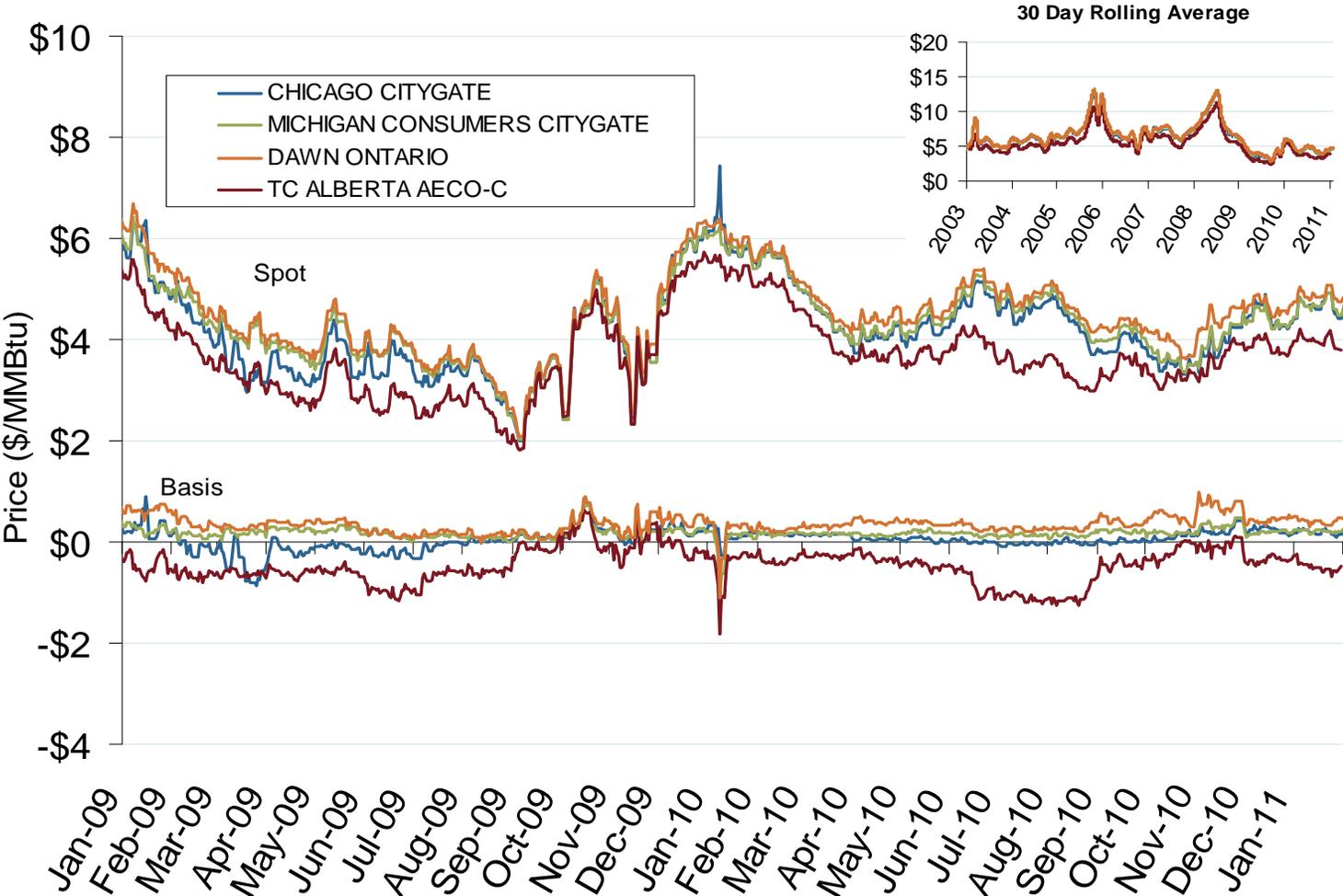
Southeastern Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: February 03, 2011

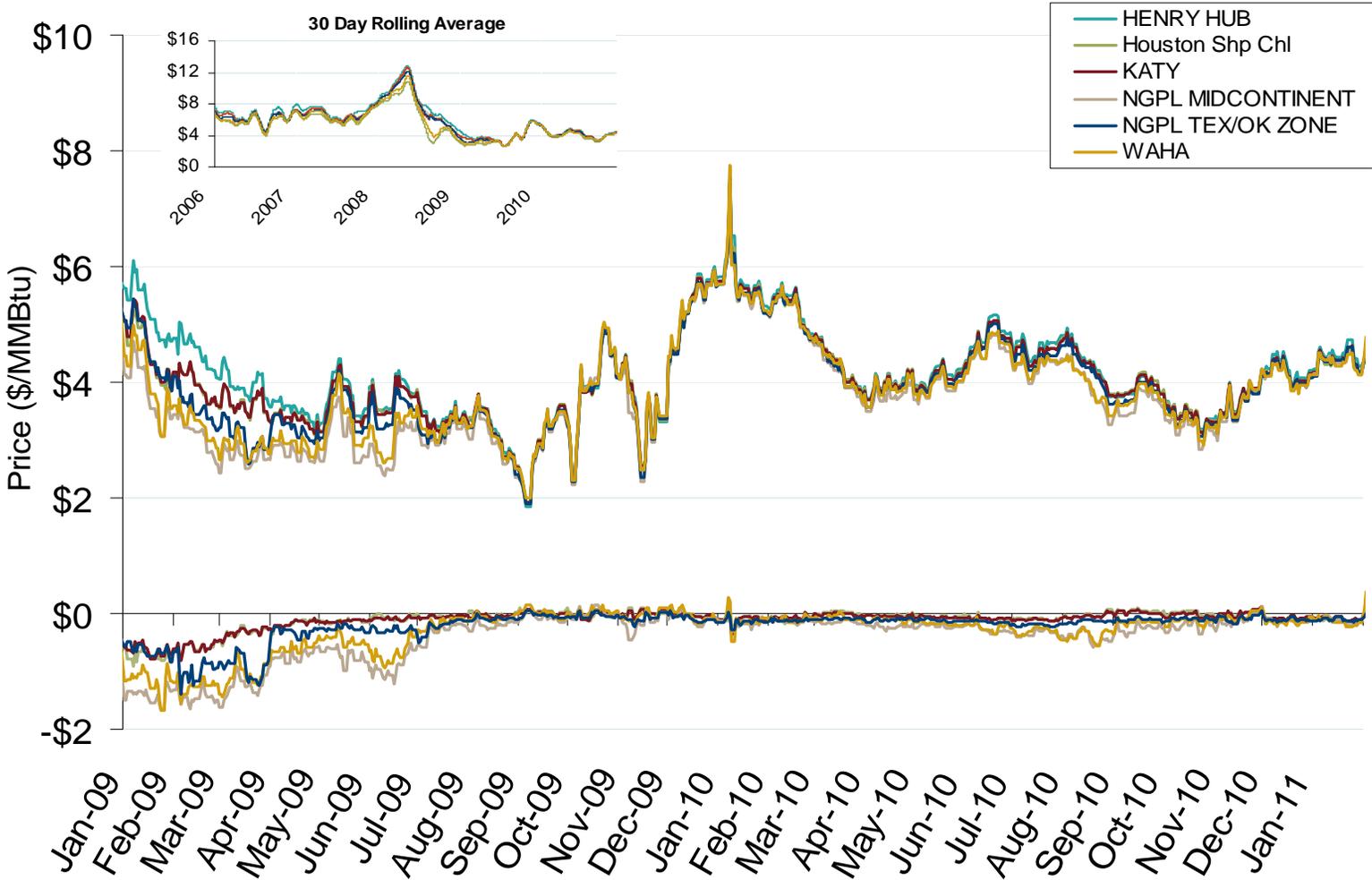
Midwestern Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: February 03, 2011

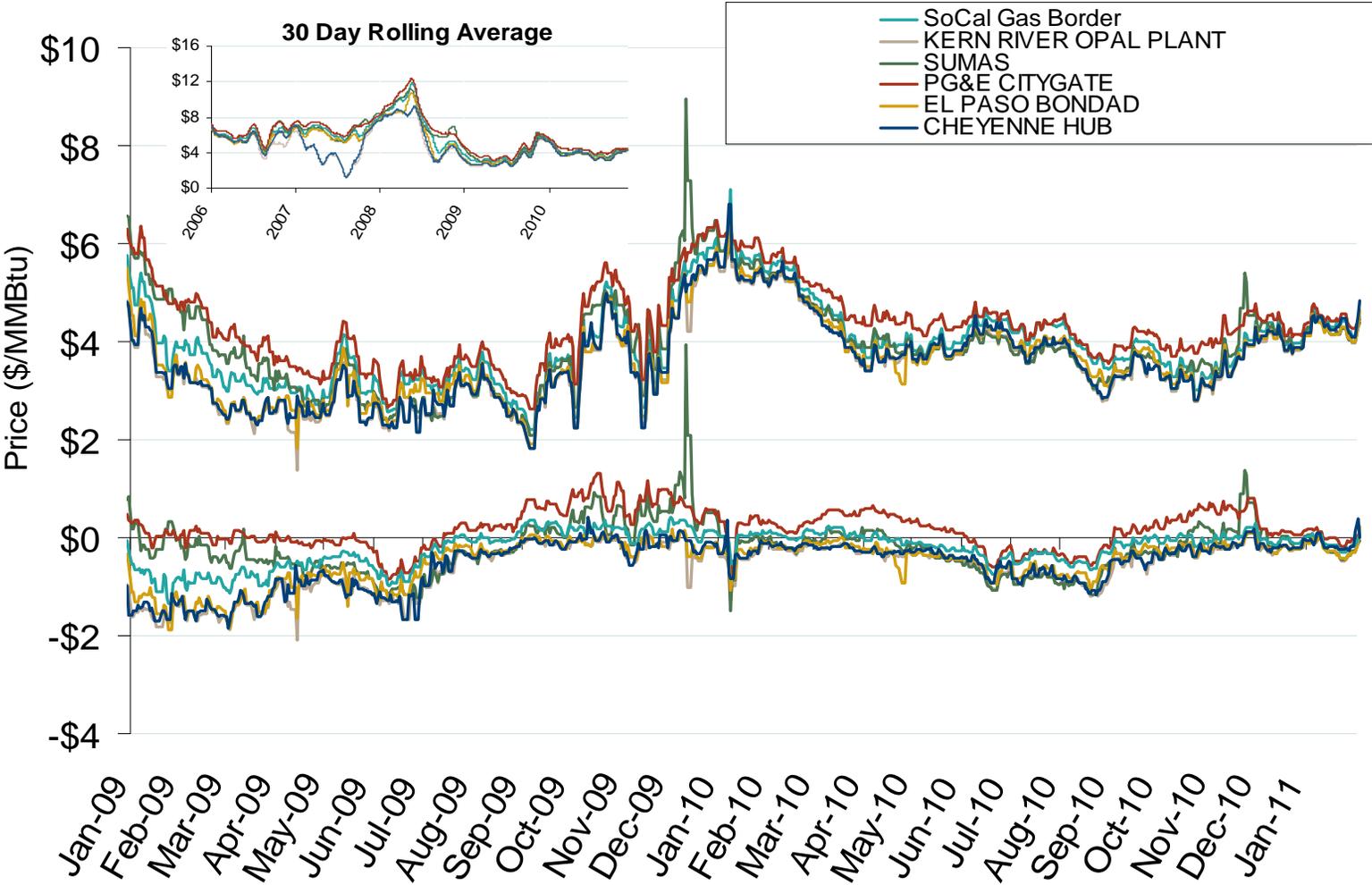
Gulf Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: February 03, 2011

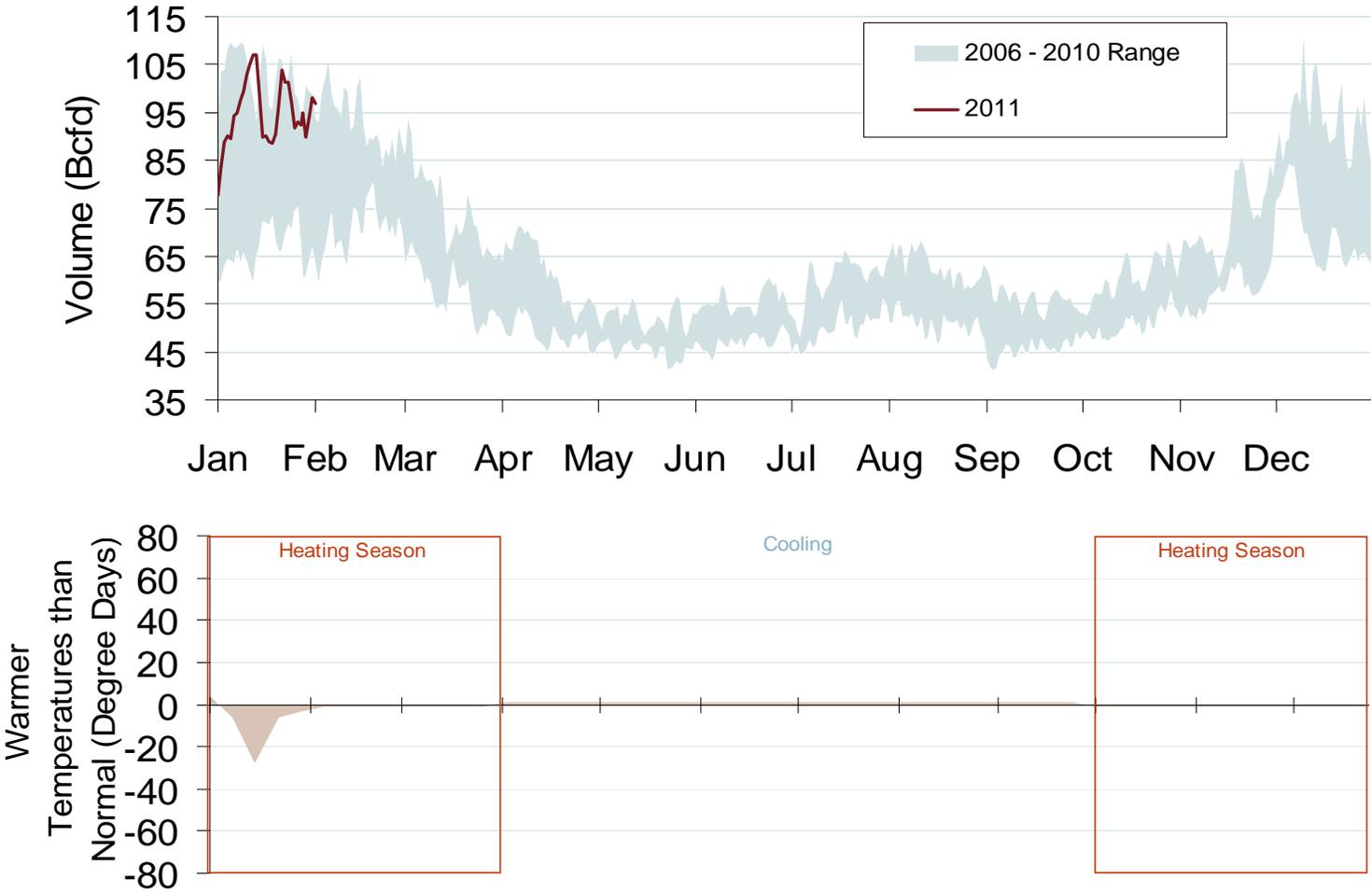
Western Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: February 03, 2011

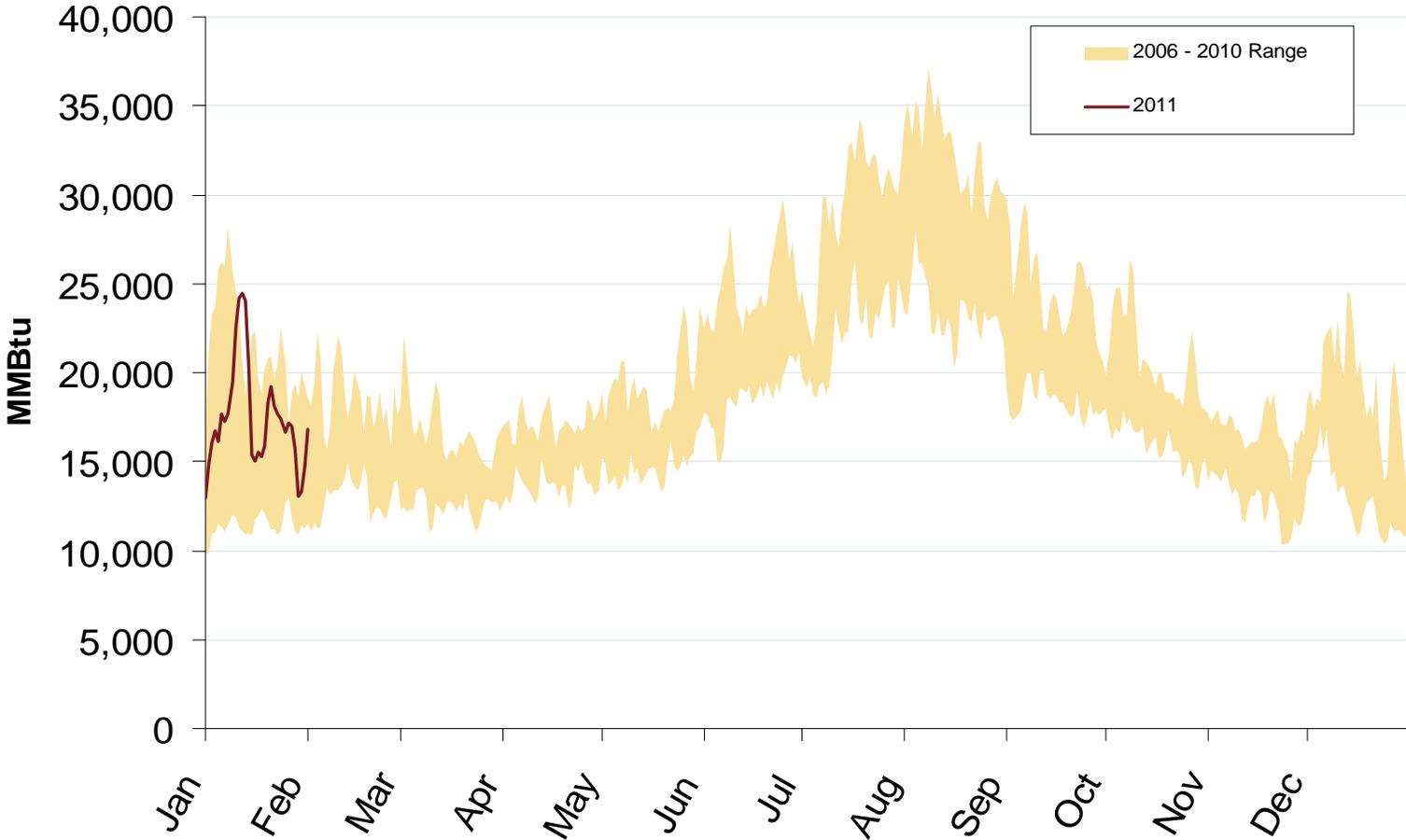
Total U.S. Natural Gas Demand (All Sectors) and Temperatures



Source: Derived from *Bentek Energy* and *Weekly NOAA* data.

Updated: February 03, 2011

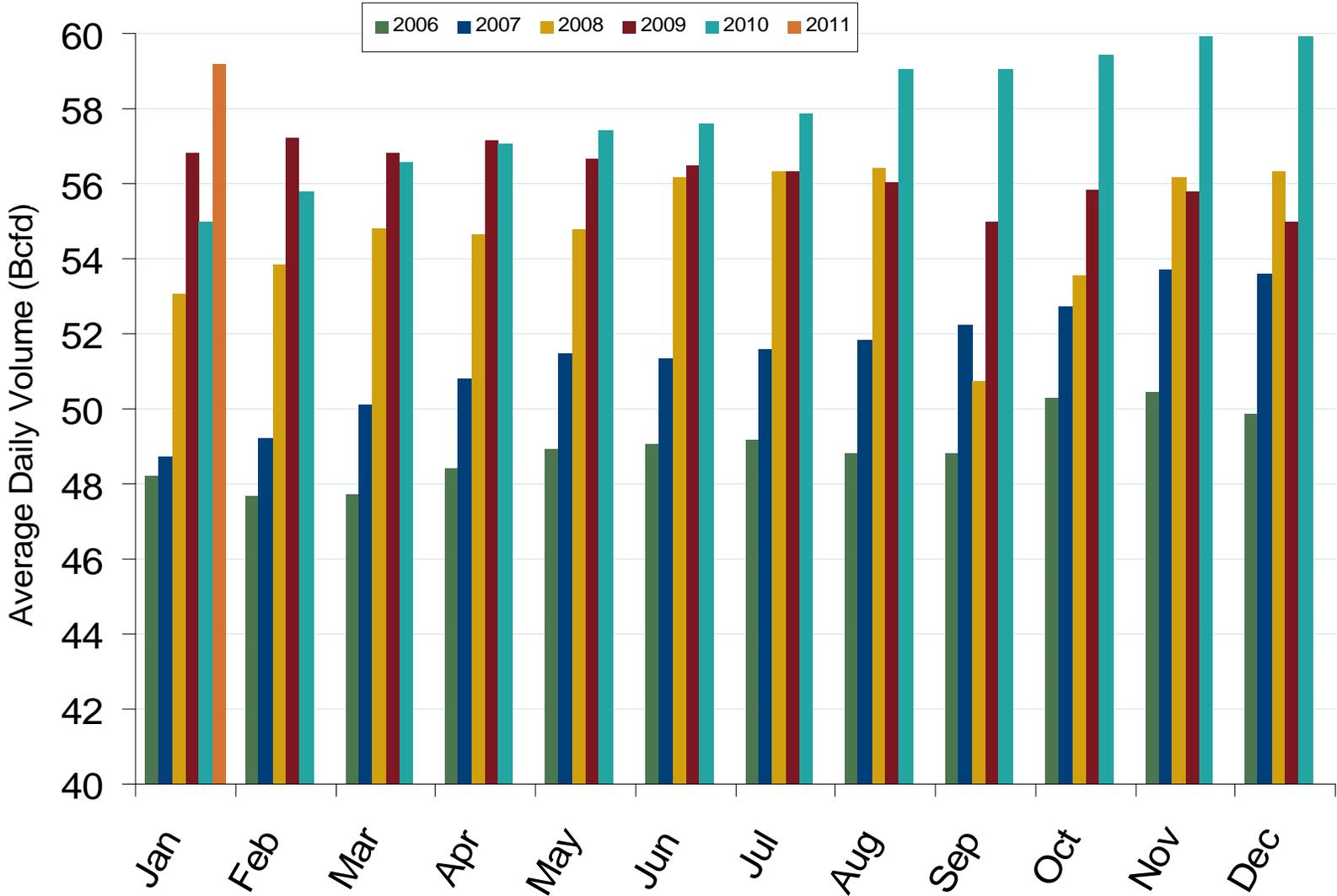
U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data.

Updated: February 03, 2011

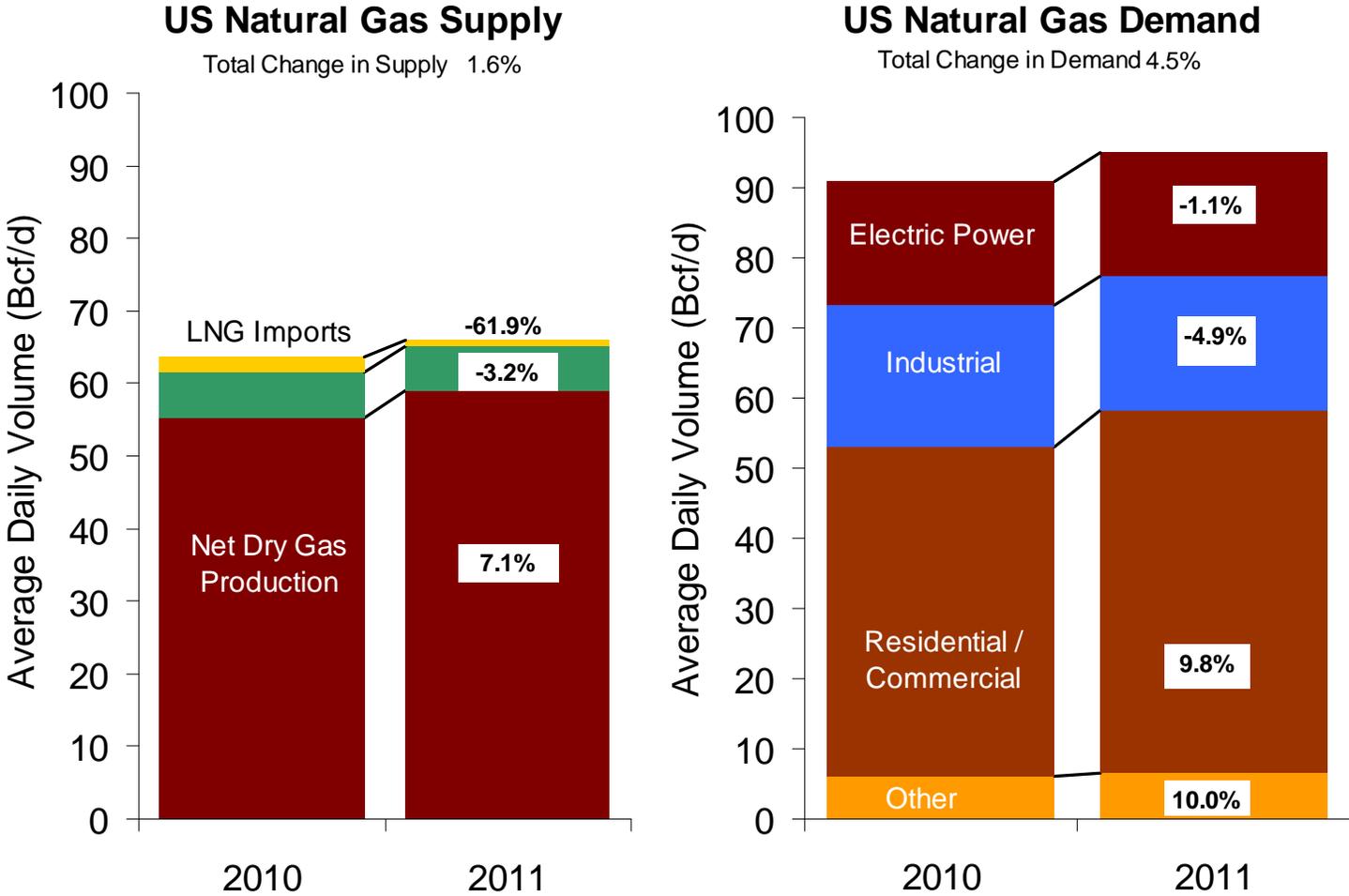
U.S. Dry Gas Production



Source: Derived from EIA and Bentek data.
February 2011 National Snapshot Report

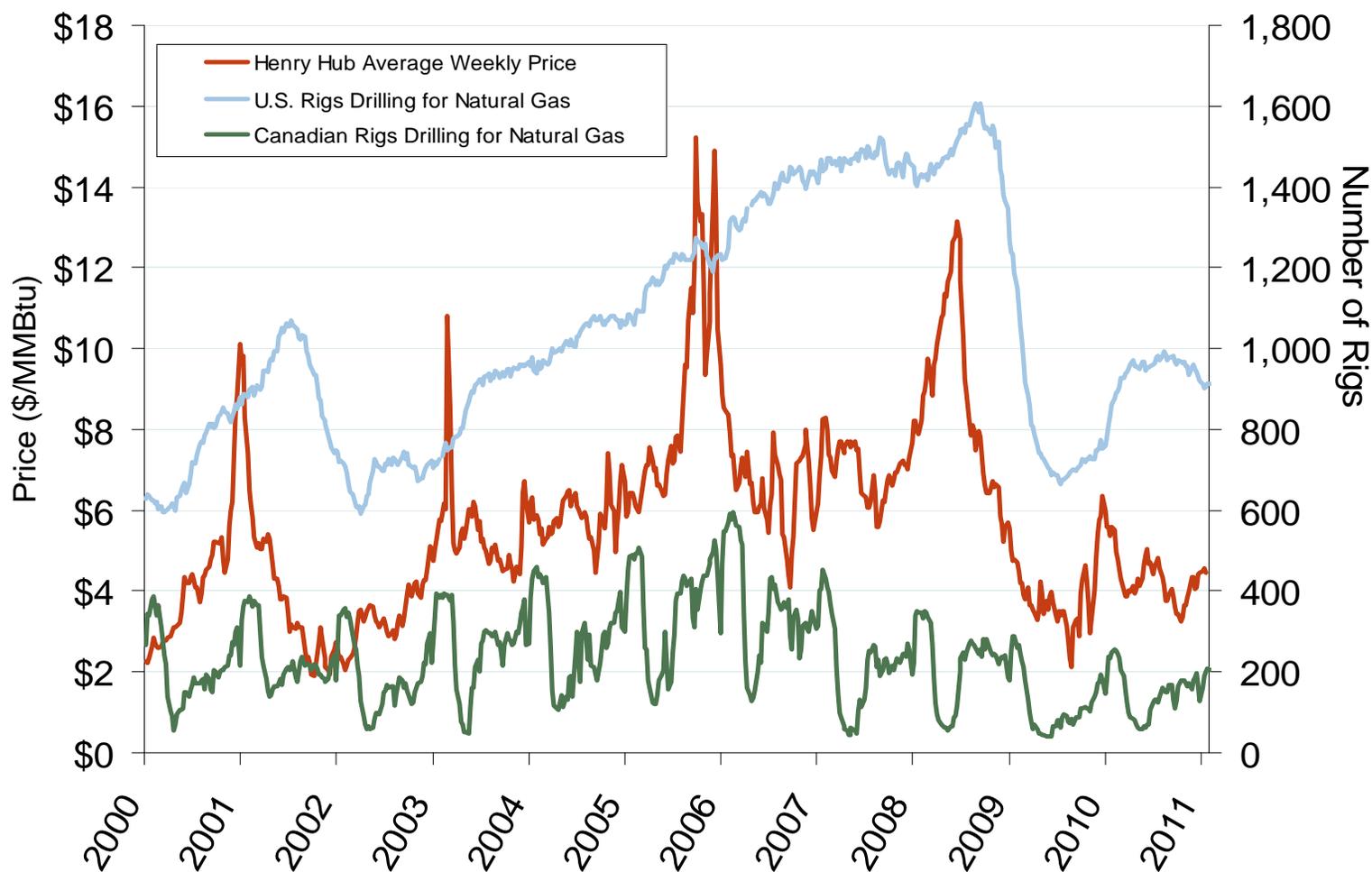
Updated February 7, 2011

U.S. Natural Gas Supply and Demand 2010 vs. 2011: January



Source: Derived from *Bentek* data.
February 2011 National Snapshot Report

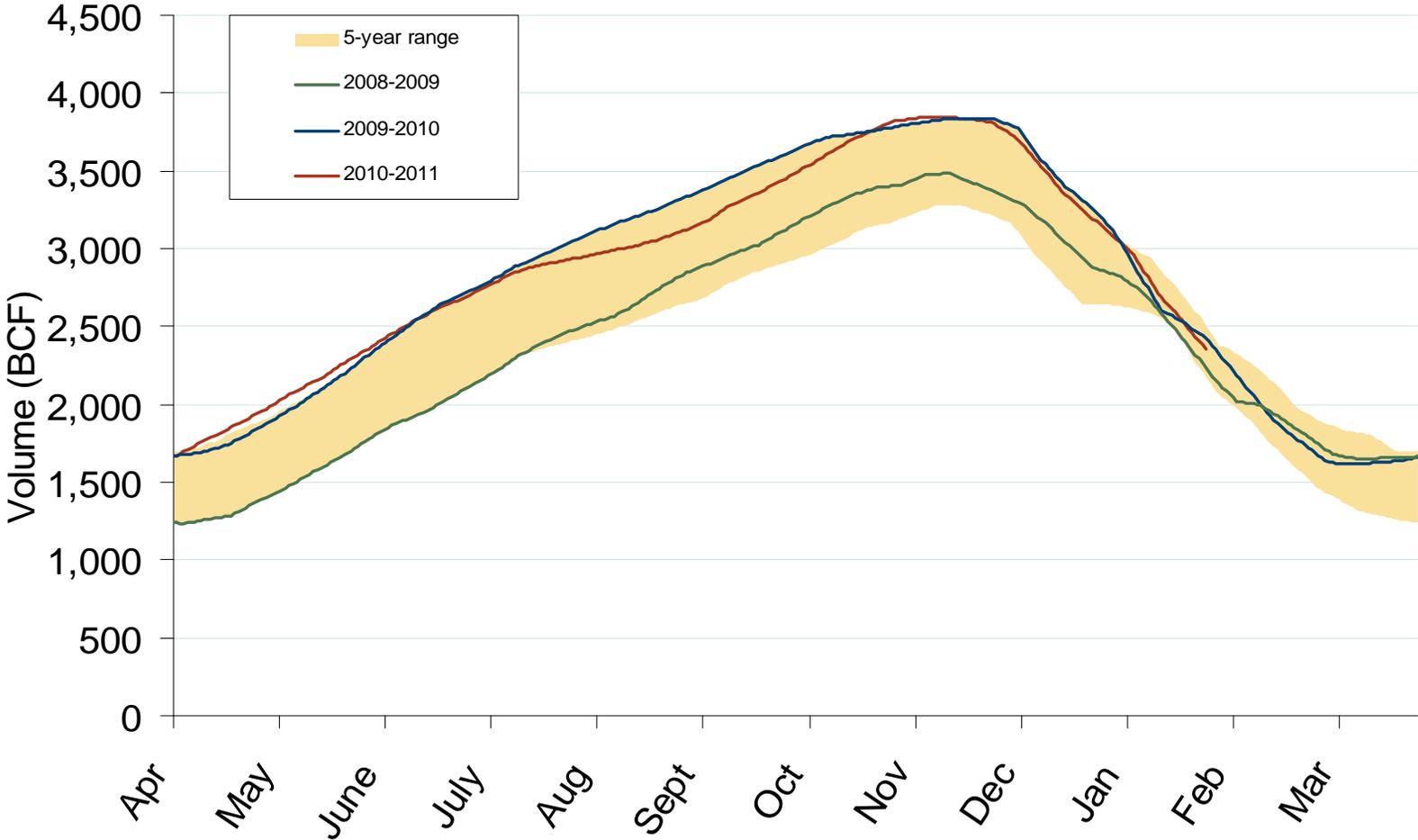
U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



Source: Derived from *Platts* and *Baker Hughes* data.

Updated: February 3, 2011

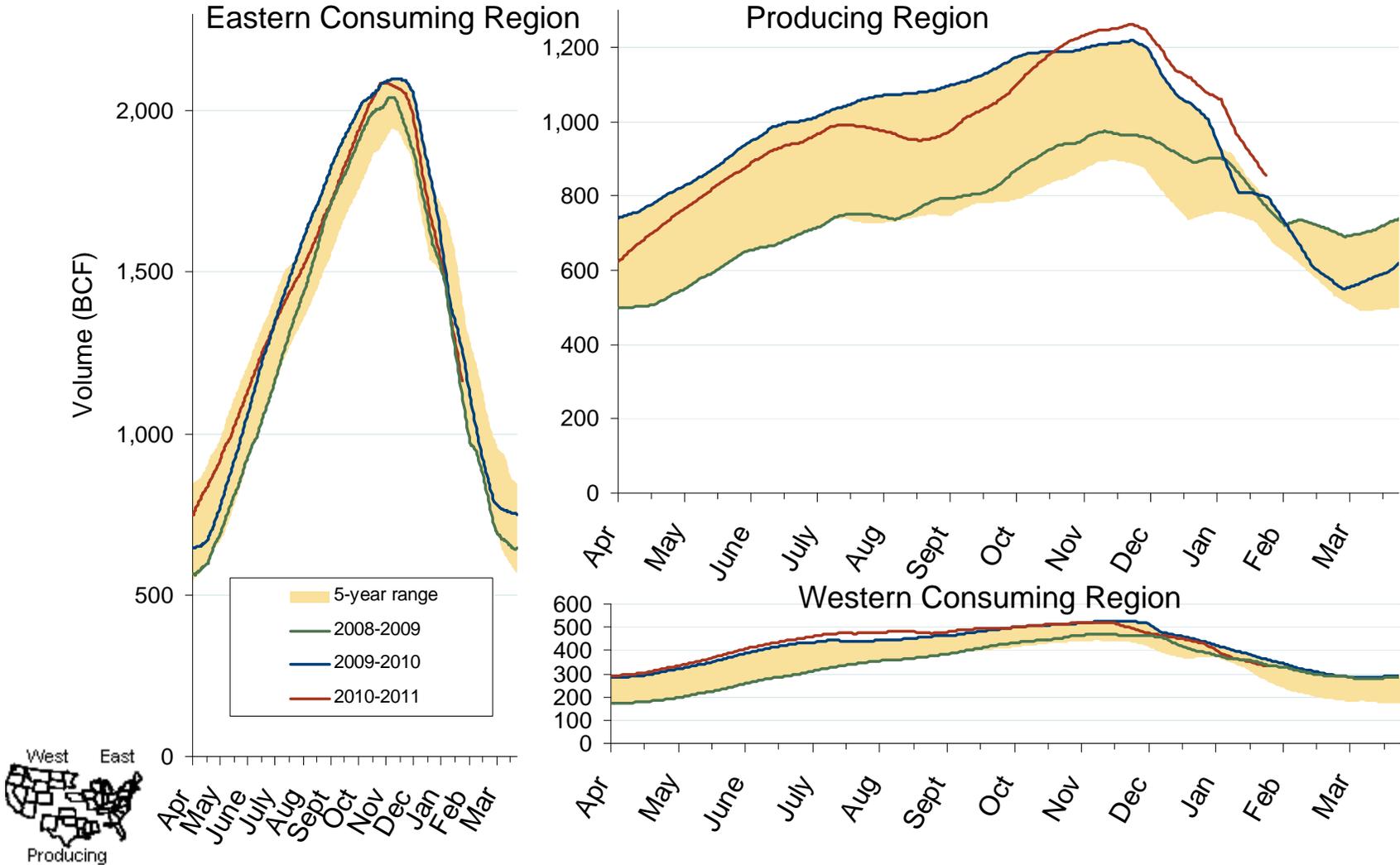
Total U.S. Working Gas in Storage



Source: Derived from EIA data.
February 2011 National Snapshot Report

Updated February 7, 2011

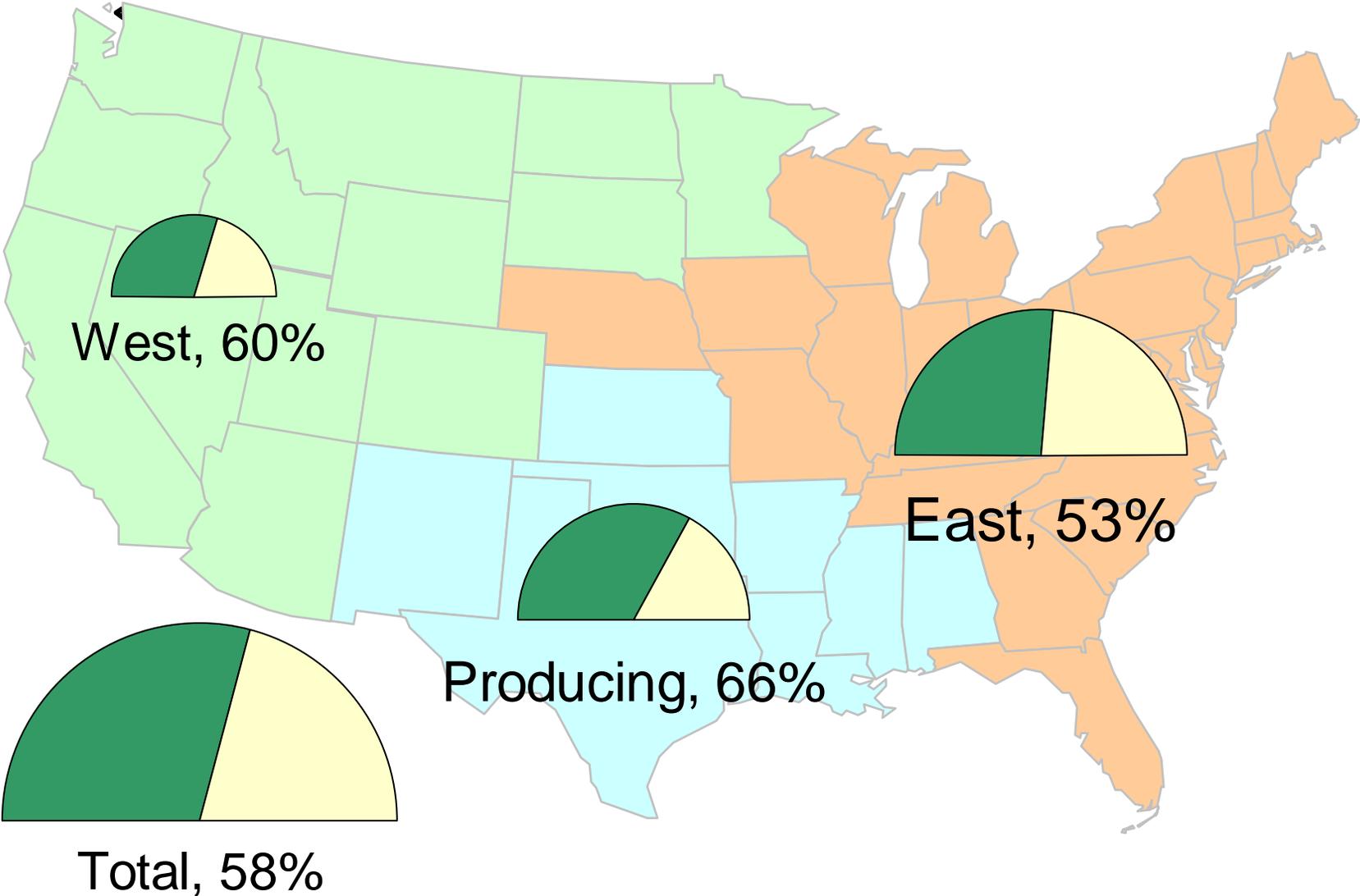
Regional Totals of Working Gas in Storage



Source: Derived from EIA data. February 2011 National Snapshot Report

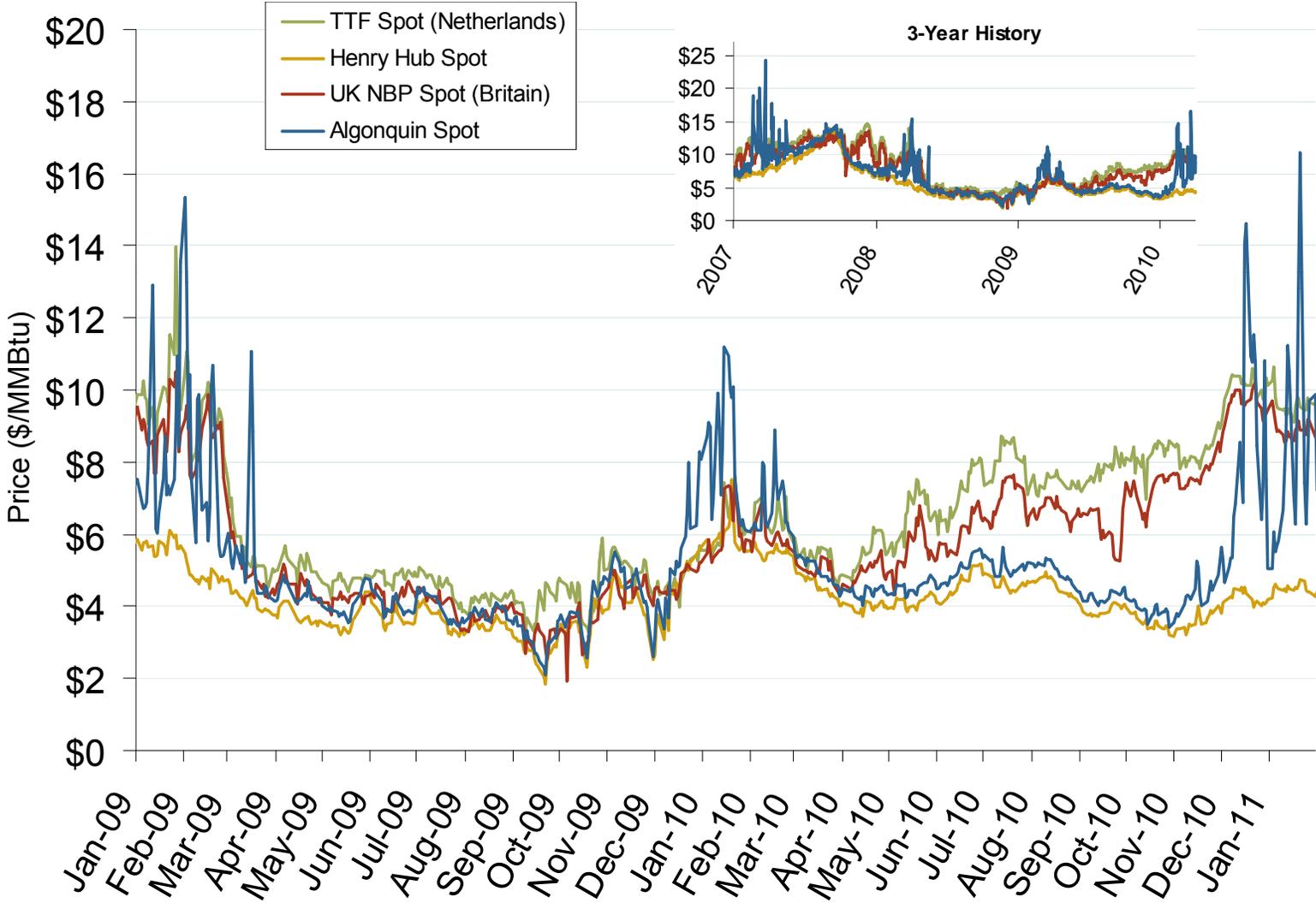
Updated February 7, 2011

Natural Gas Storage Inventories – January 28, 2011



Source: Derived from *EIA Storage and Estimated Working Gas Capacity* data.
February 2011 National Snapshot Report

Atlantic Basin European and US Spot Natural Gas Prices



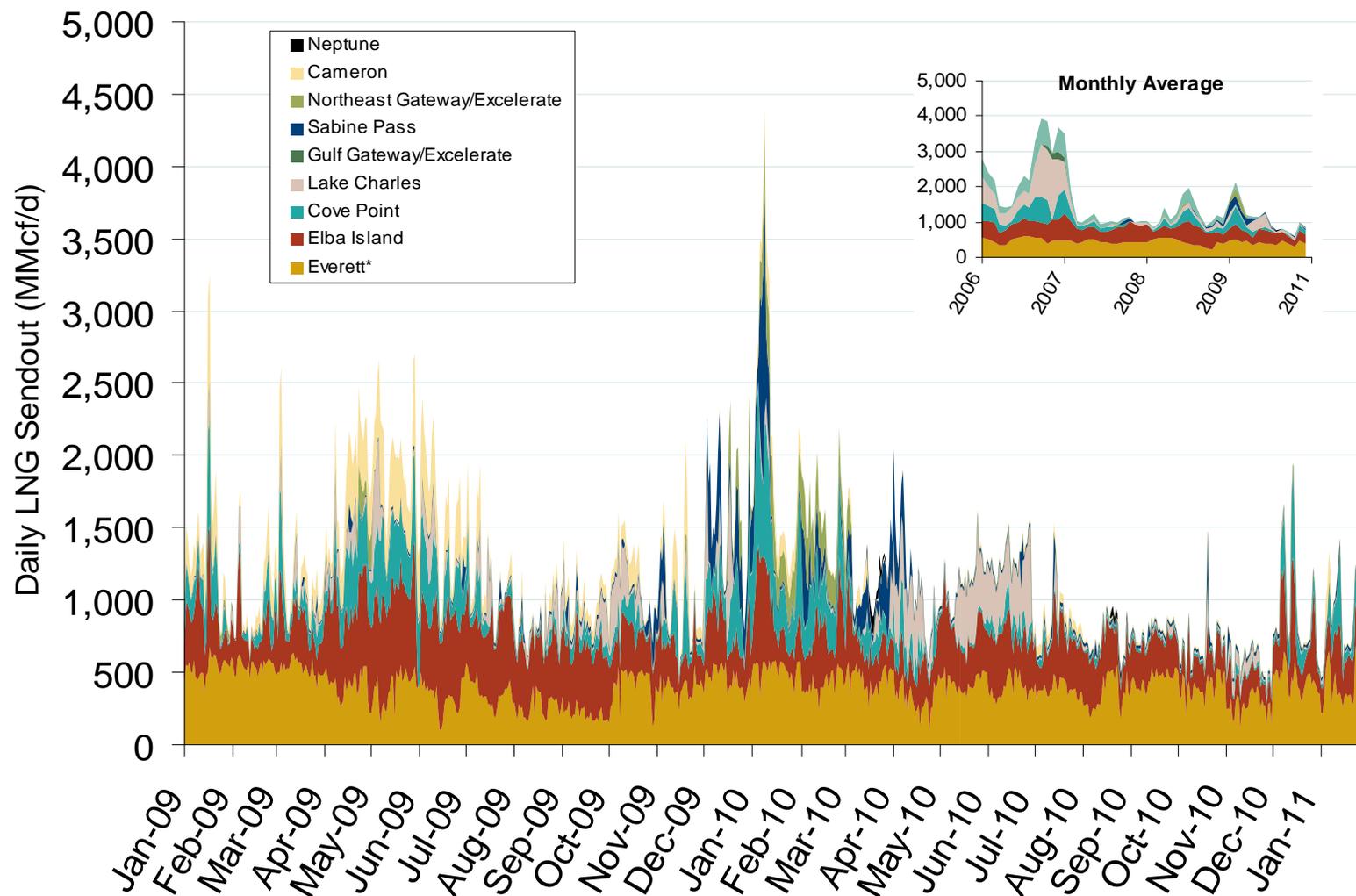
Source: Derived from Bloomberg and ICE data.

Updated: February 07, 2011

World LNG Estimated March 2011 Landed Prices



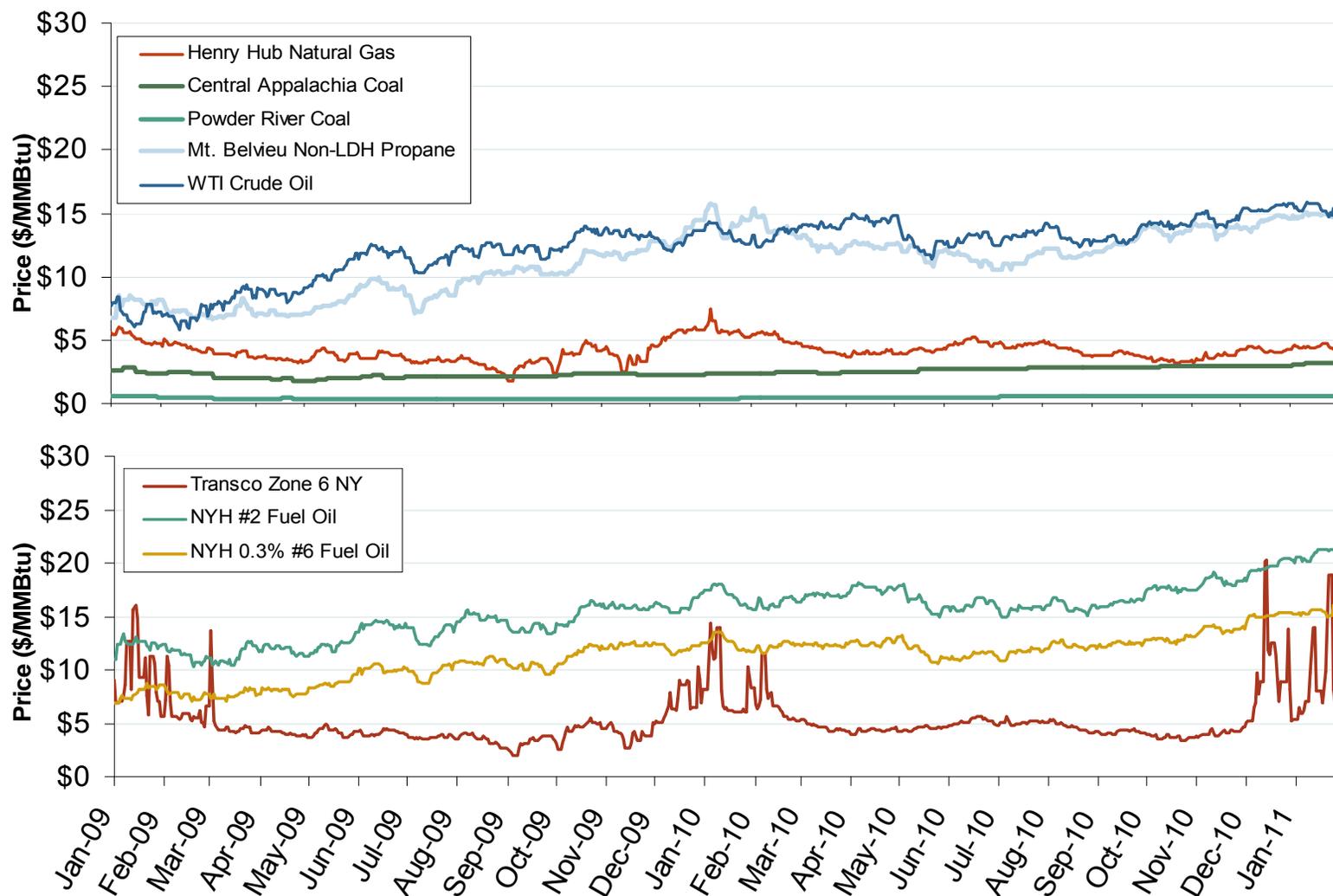
Daily Gas Sendout from Existing U.S. LNG Facilities



Source: Derived from *Bentek* data.

* 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.

Oil, Coal, Natural Gas and Propane Daily Spot Prices

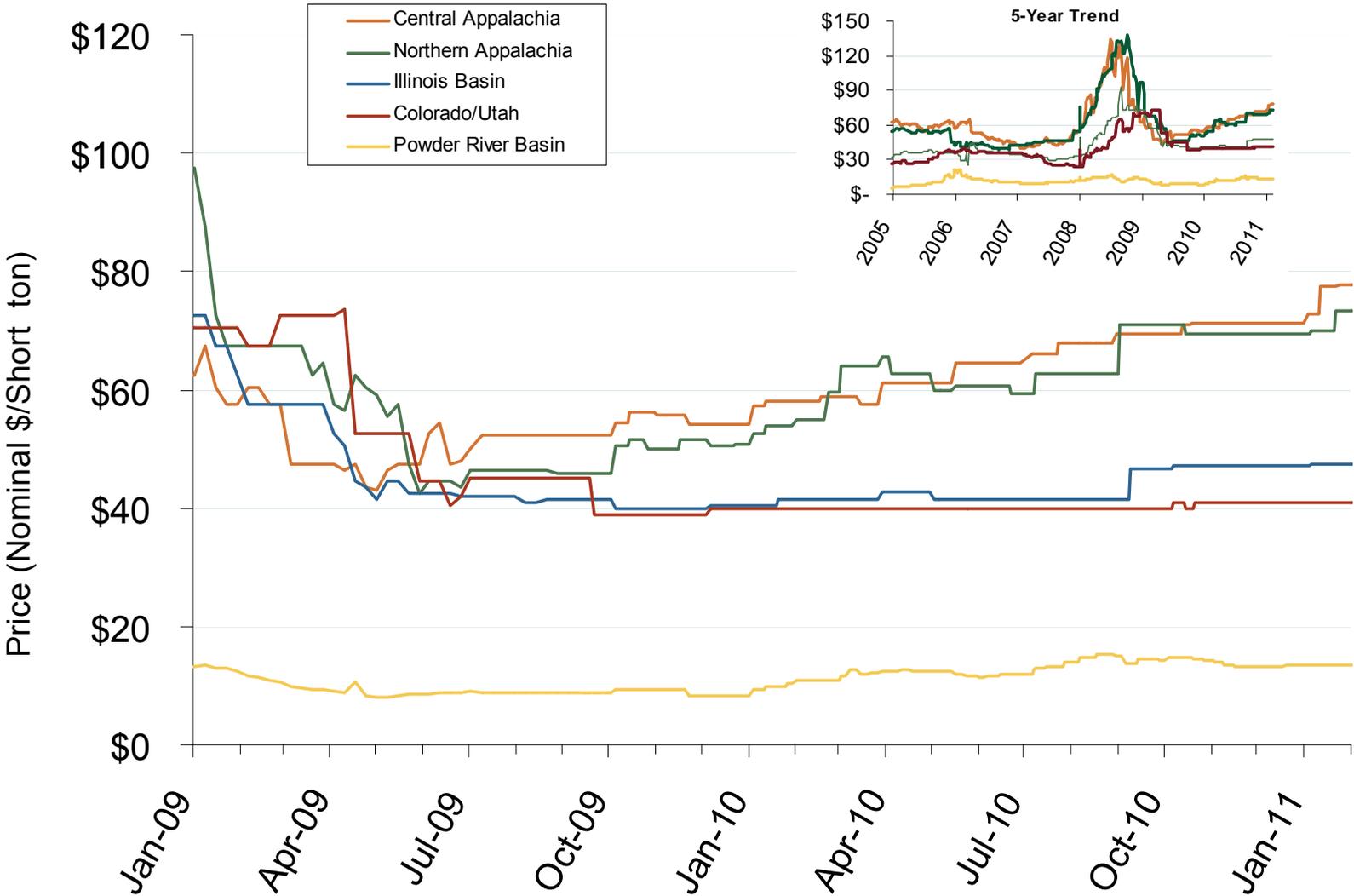


Source: Derived from *ICE and Bloomberg data*.

Note: 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.

Updated: February 07, 2011

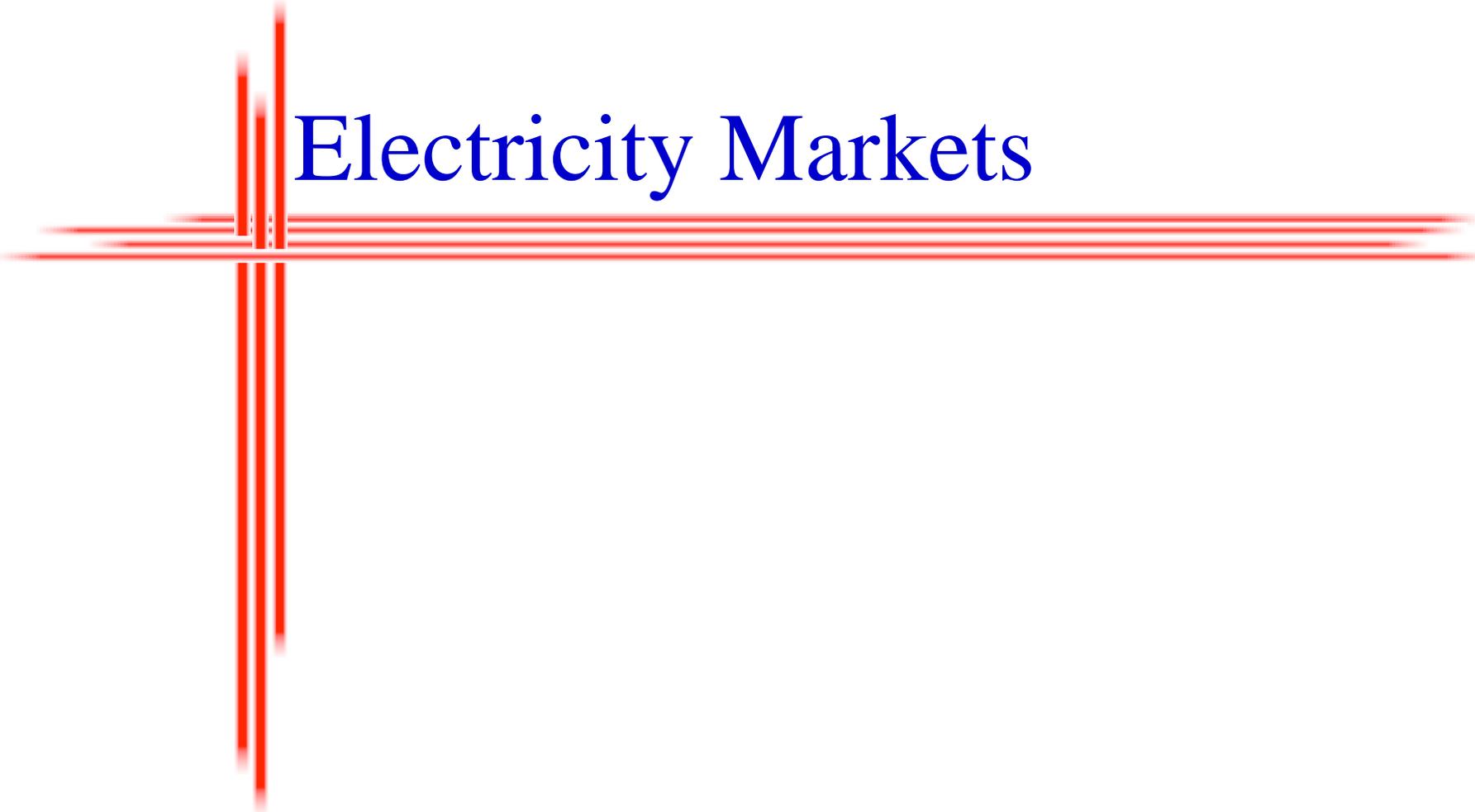
Regional Coal Spot Prices



Note: 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.

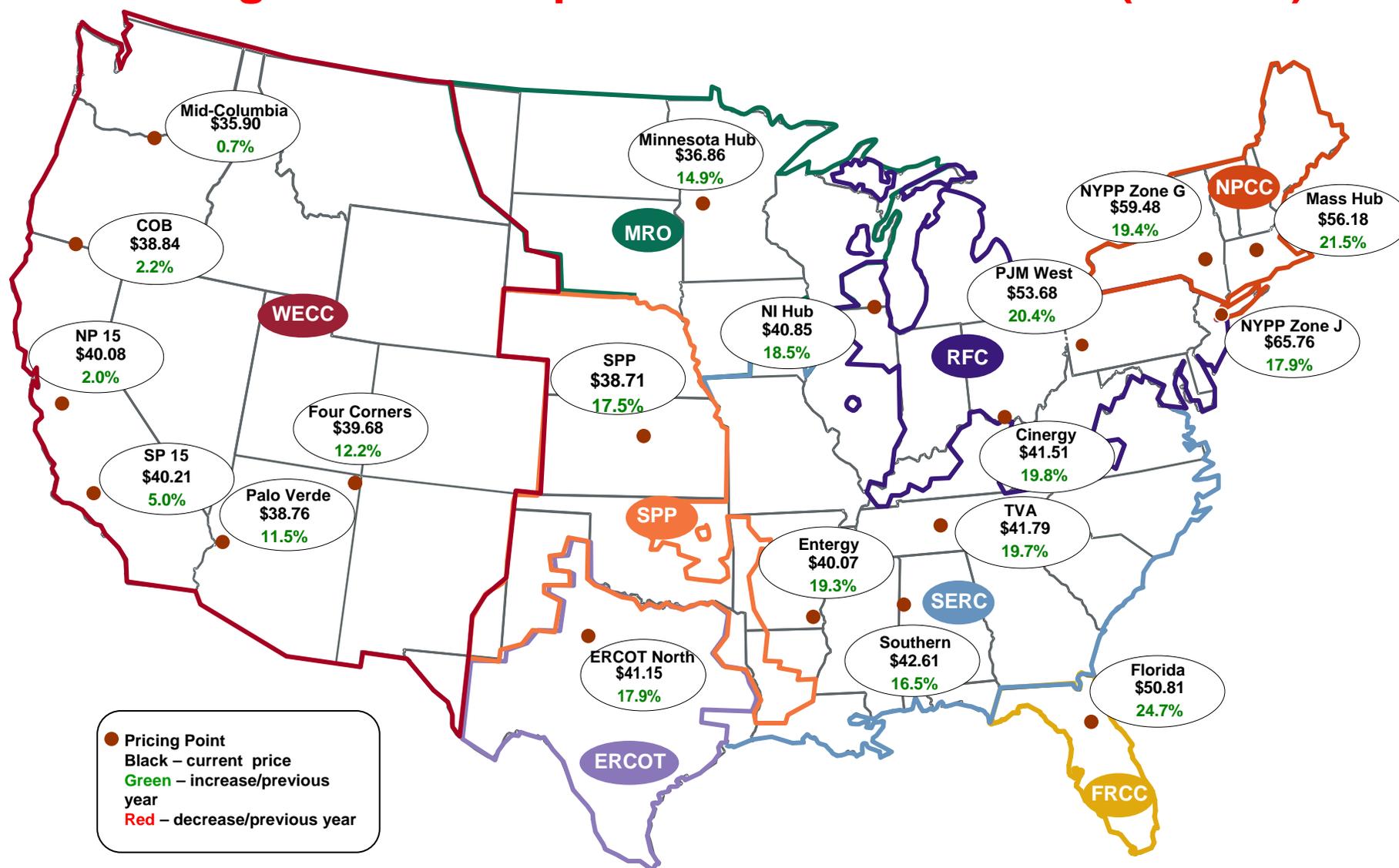
Source: Derived from Bloomberg data.
February 2011 National Snapshot Report

Updated: February 07, 2011

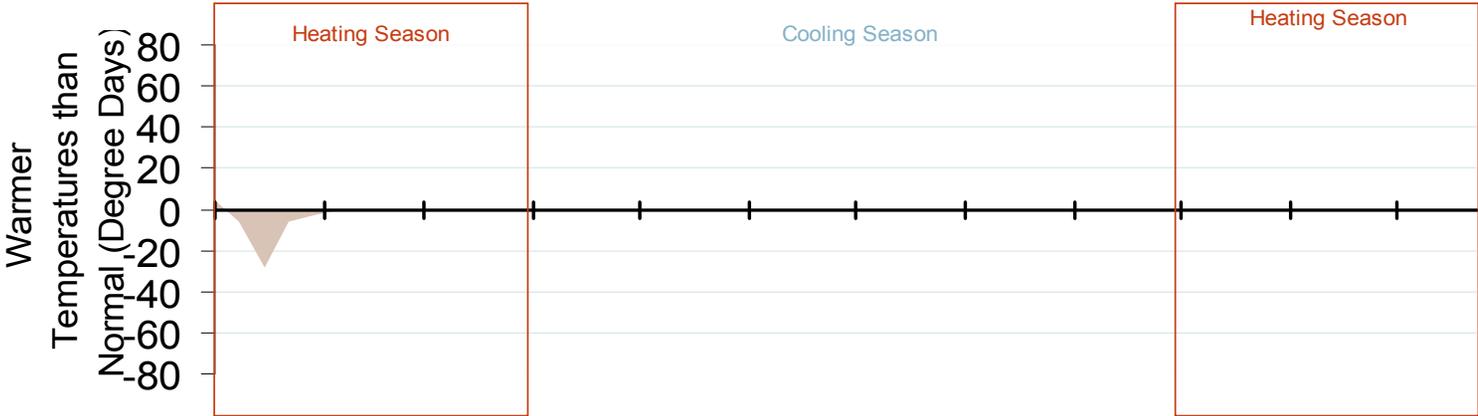
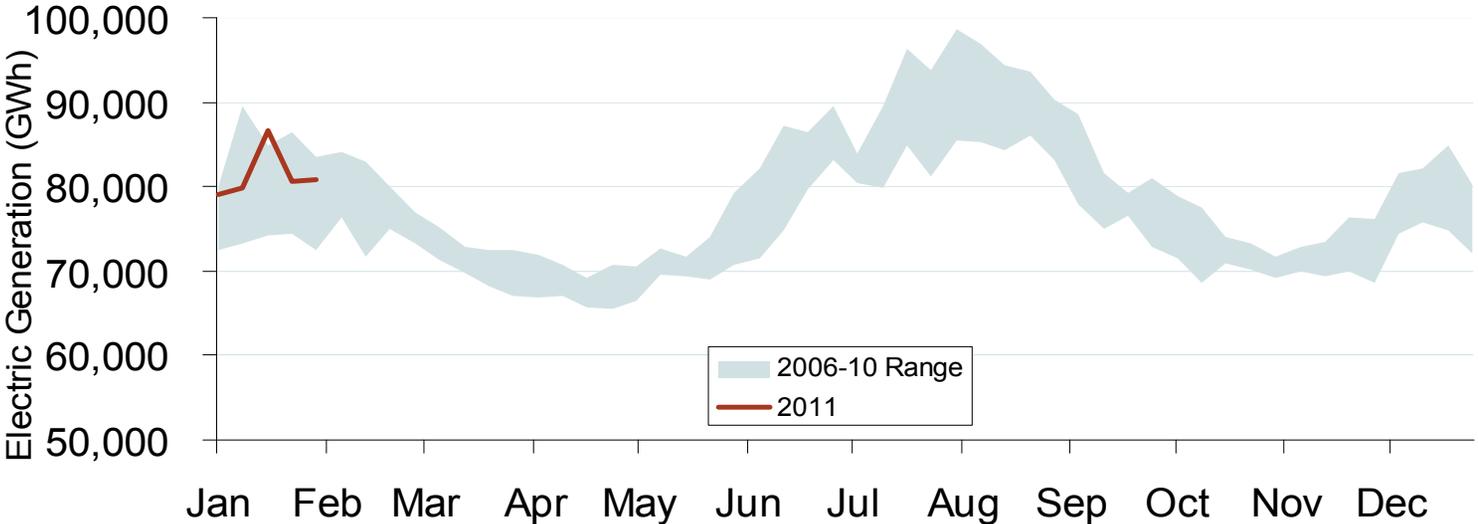


Electricity Markets

Average On-Peak Spot Electric Prices 2010 (\$/MWh)



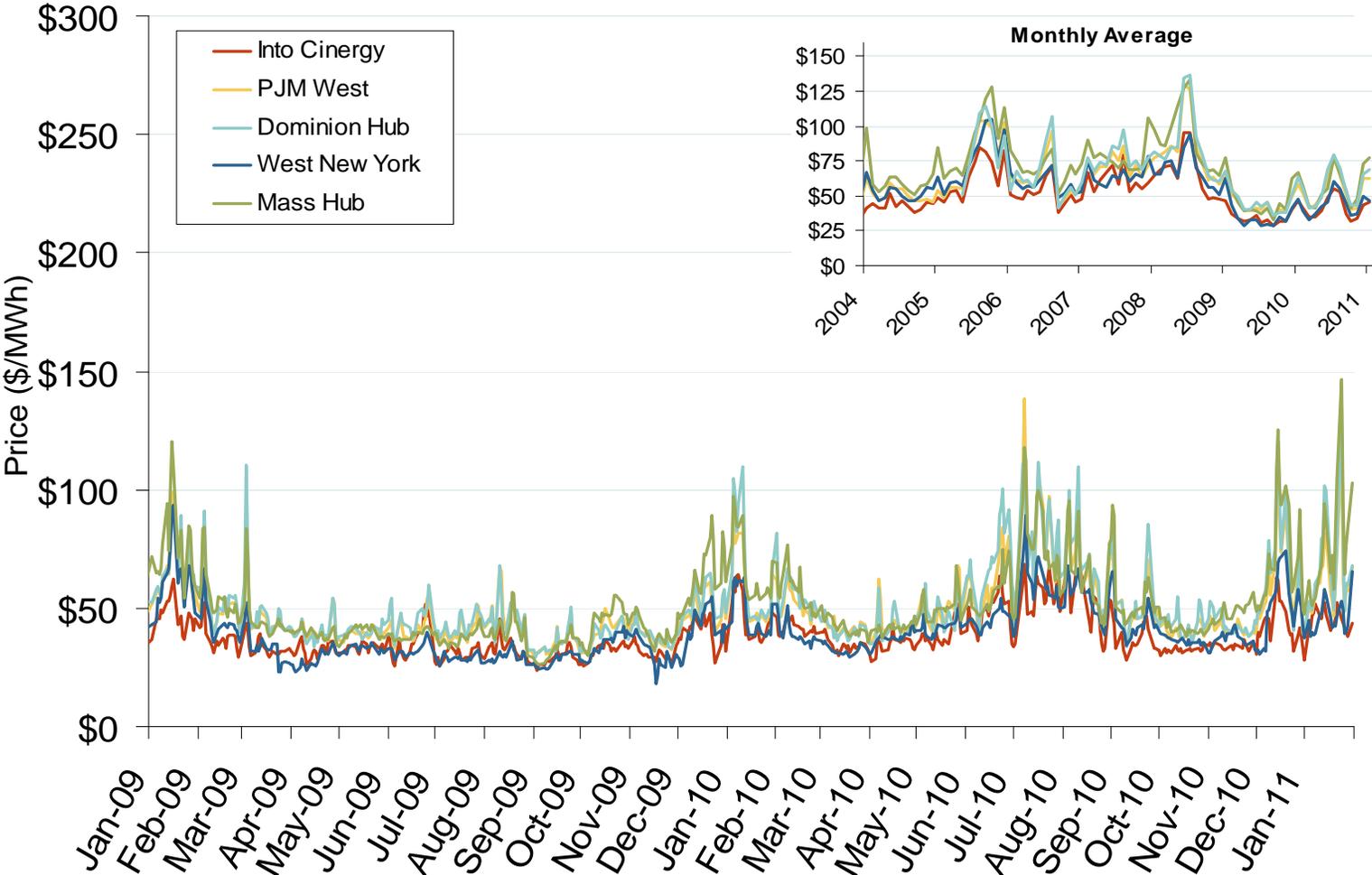
Weekly U.S. Electric Generation Output and Temperatures



Source: Derived from EEI and NOAA data.

Updated: February 04, 2011

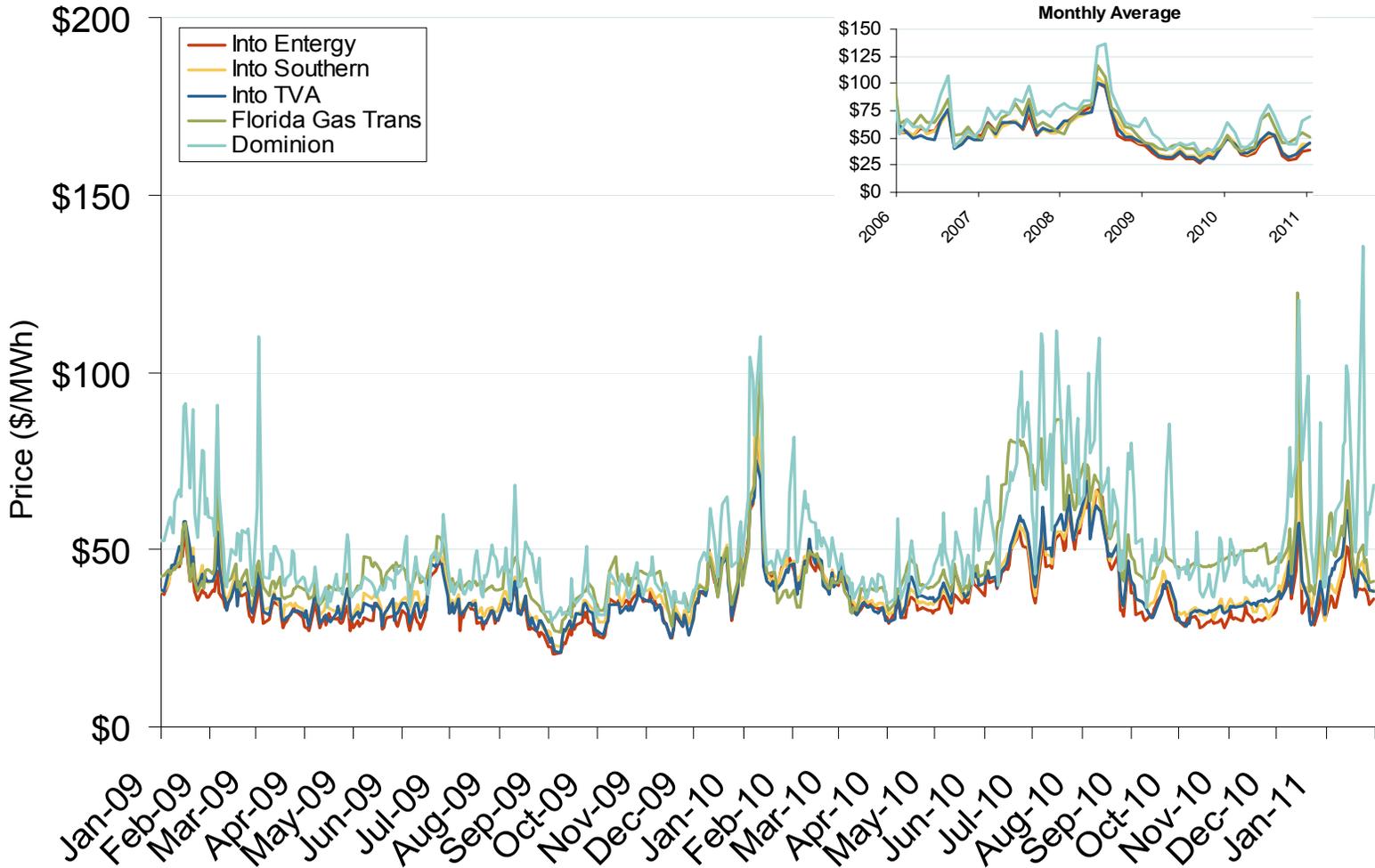
Eastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from Platts data.

Updated: February 03, 2011

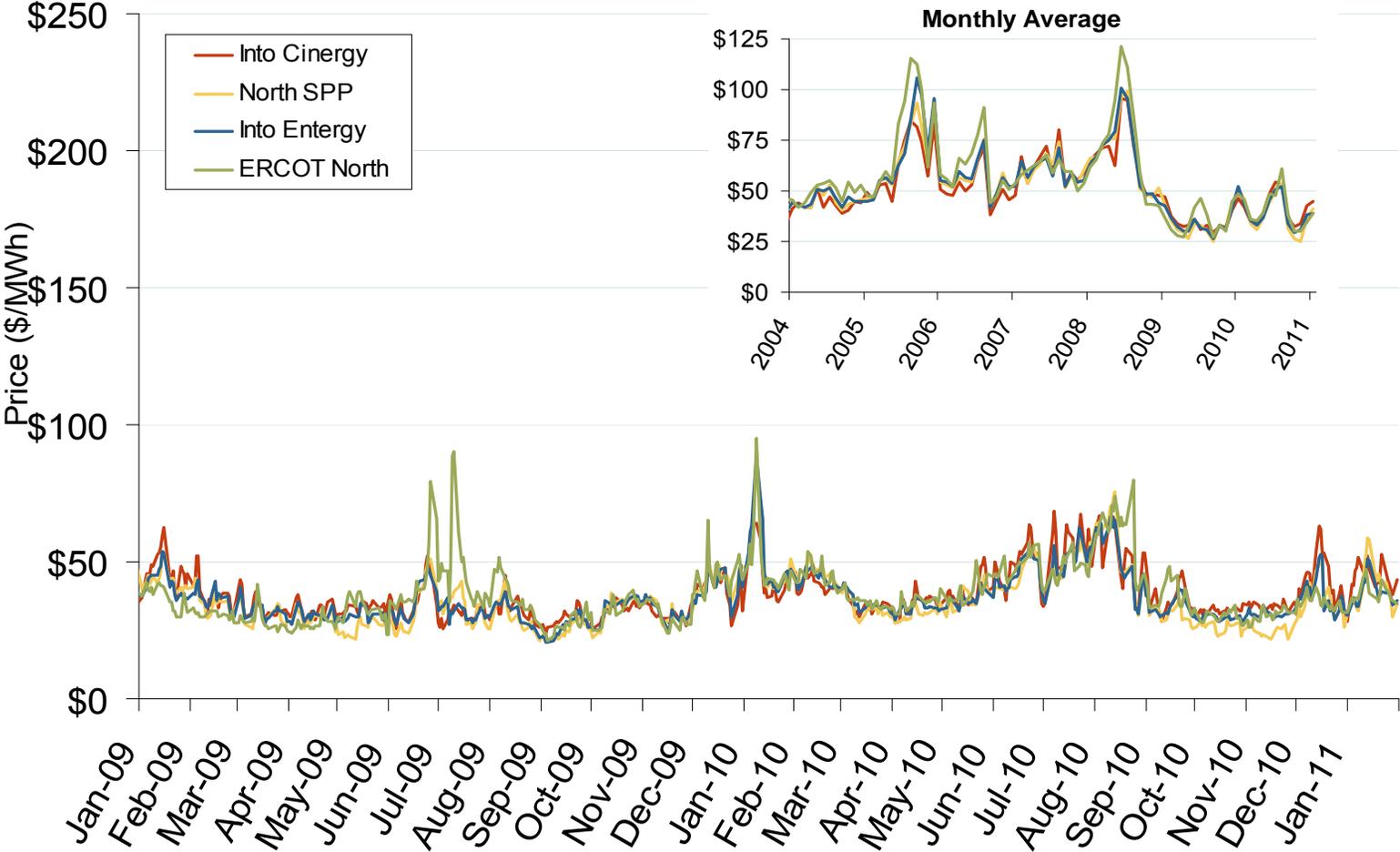
Southeastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: February 03, 2011

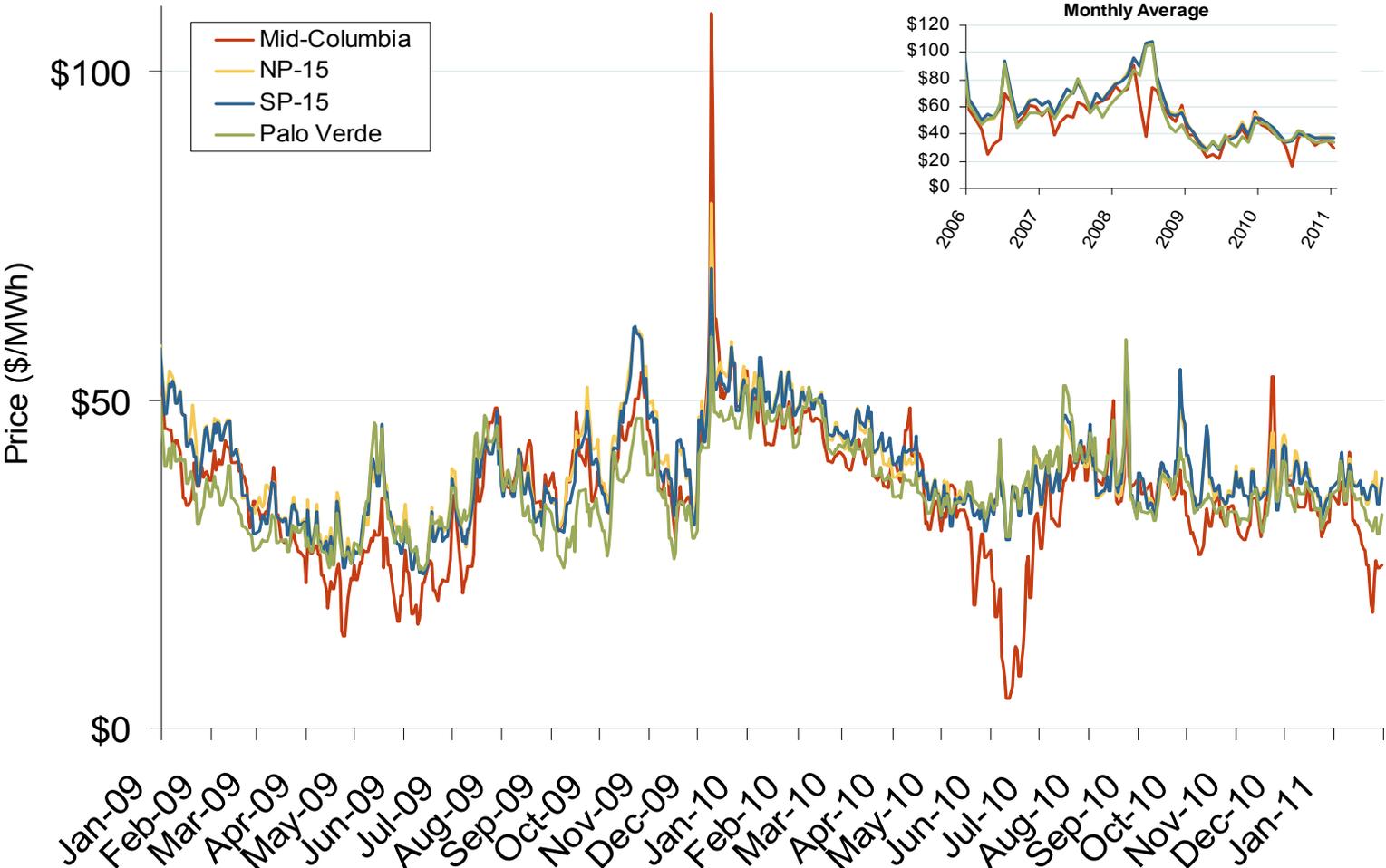
Central Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: February 03, 2011

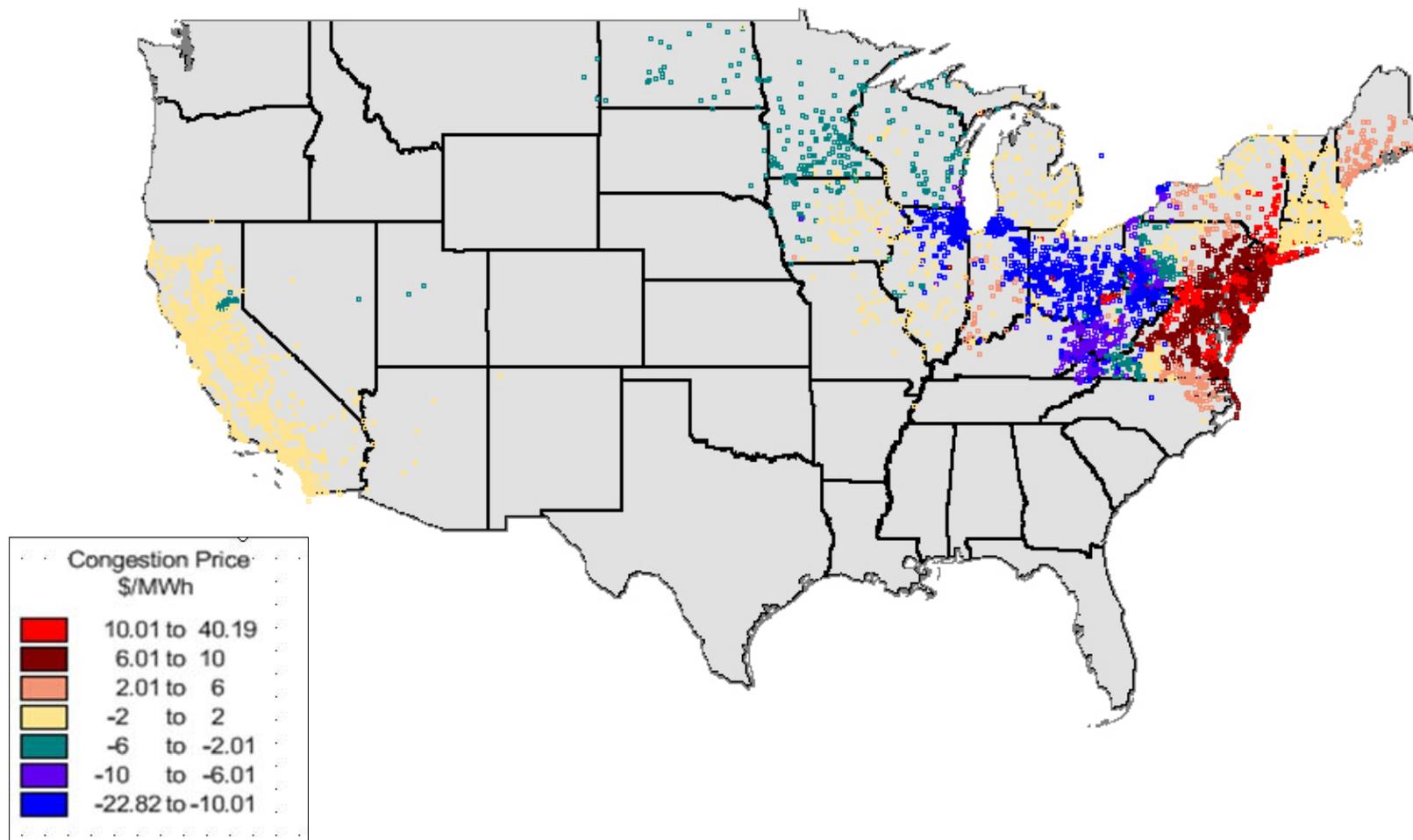
Western Daily Bilateral Day-Ahead On-Peak Prices



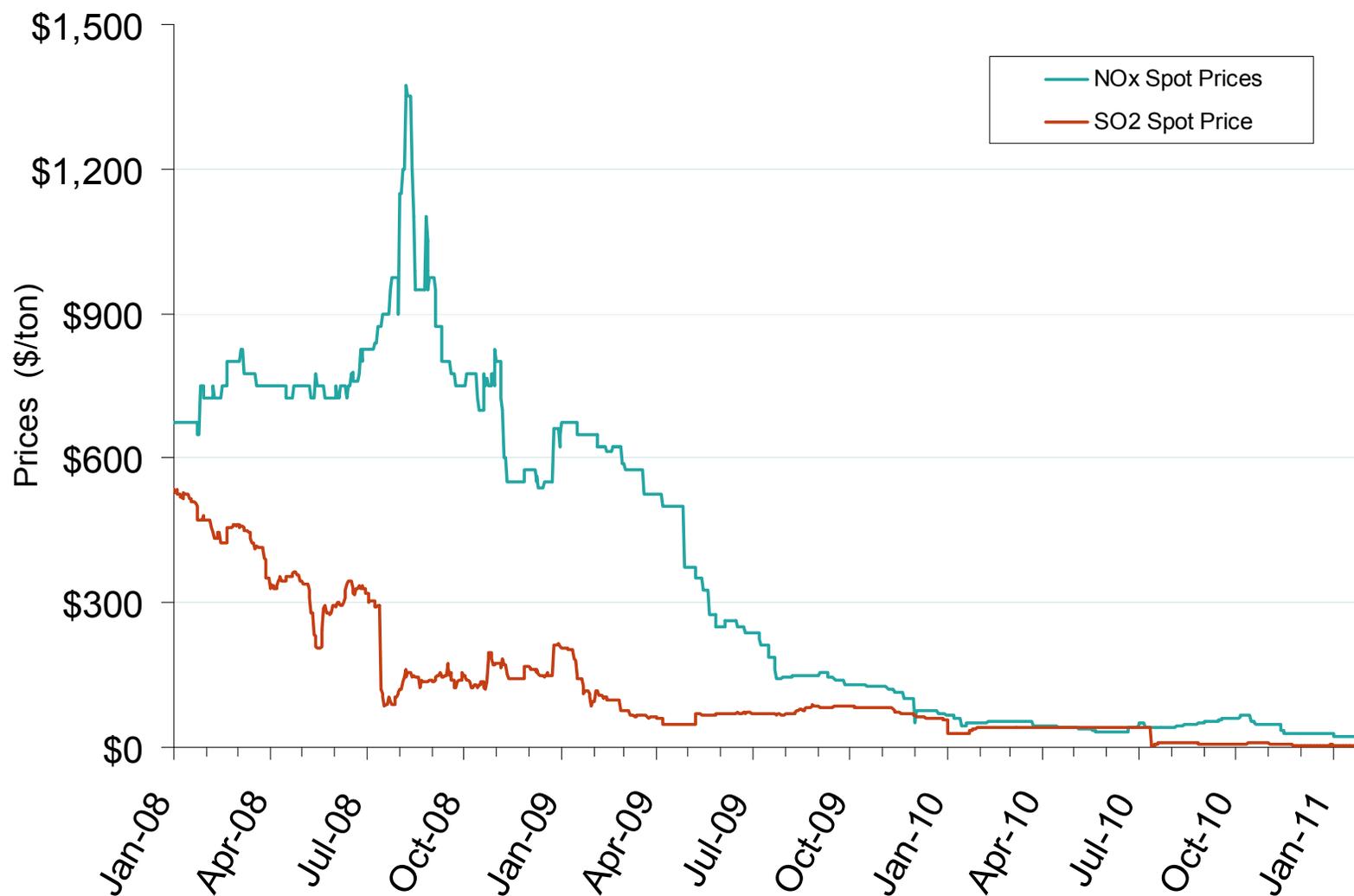
Source: Derived from *Platts* data.

Updated: February 03, 2011

Day Ahead On-Peak Congestion Average Monthly Prices January 2011



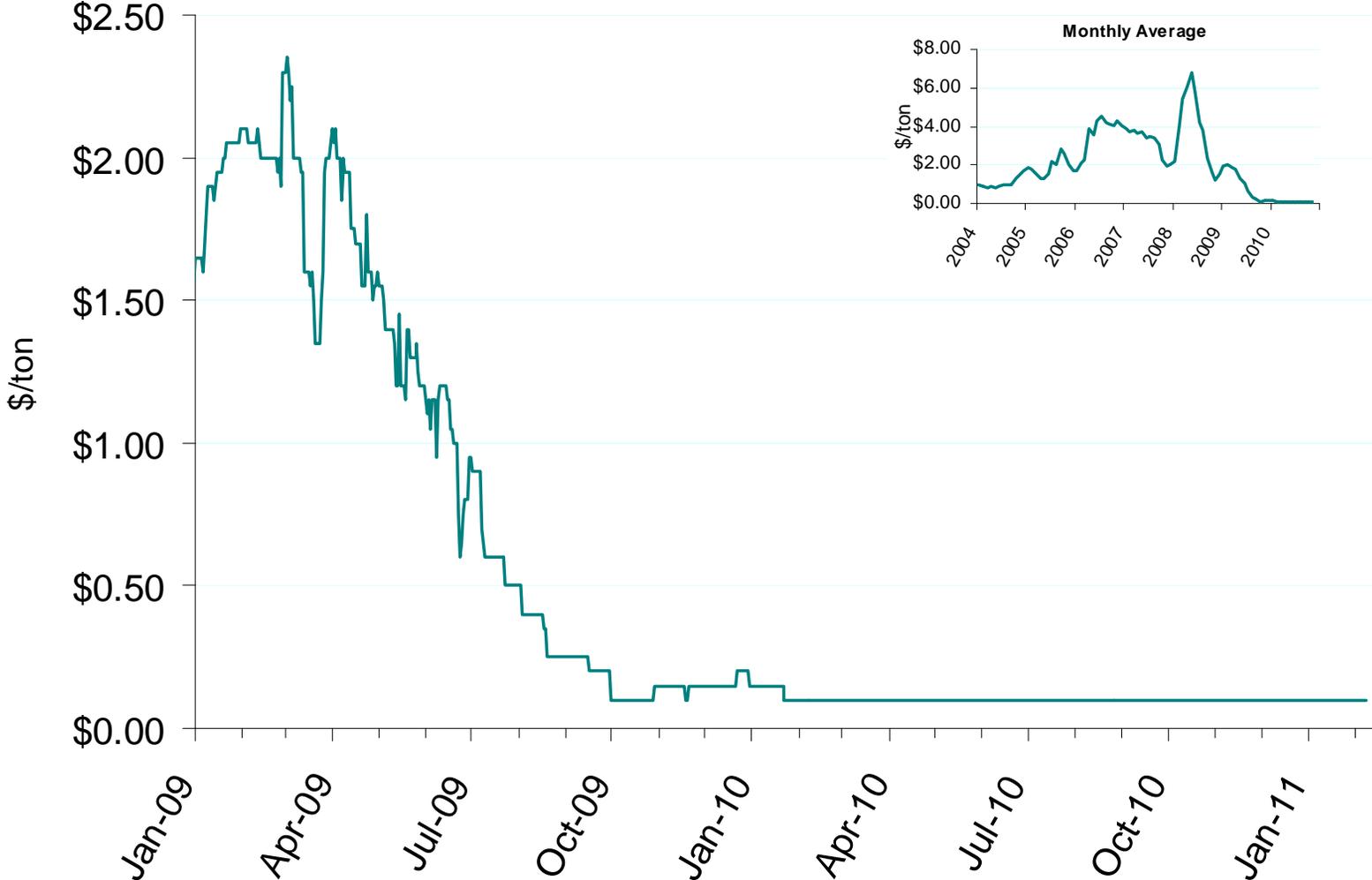
SO₂ Allowance Spot Prices and NO_x Seasonal Allowance Spot Prices



Source: Derived from *Bloomberg data*.

Updated: February 09, 2011

Chicago Climate Exchange CO2 Index



Source: Derived from *Bloomberg*.
February 2011 National Snapshot Report

Updated February 7, 2011