

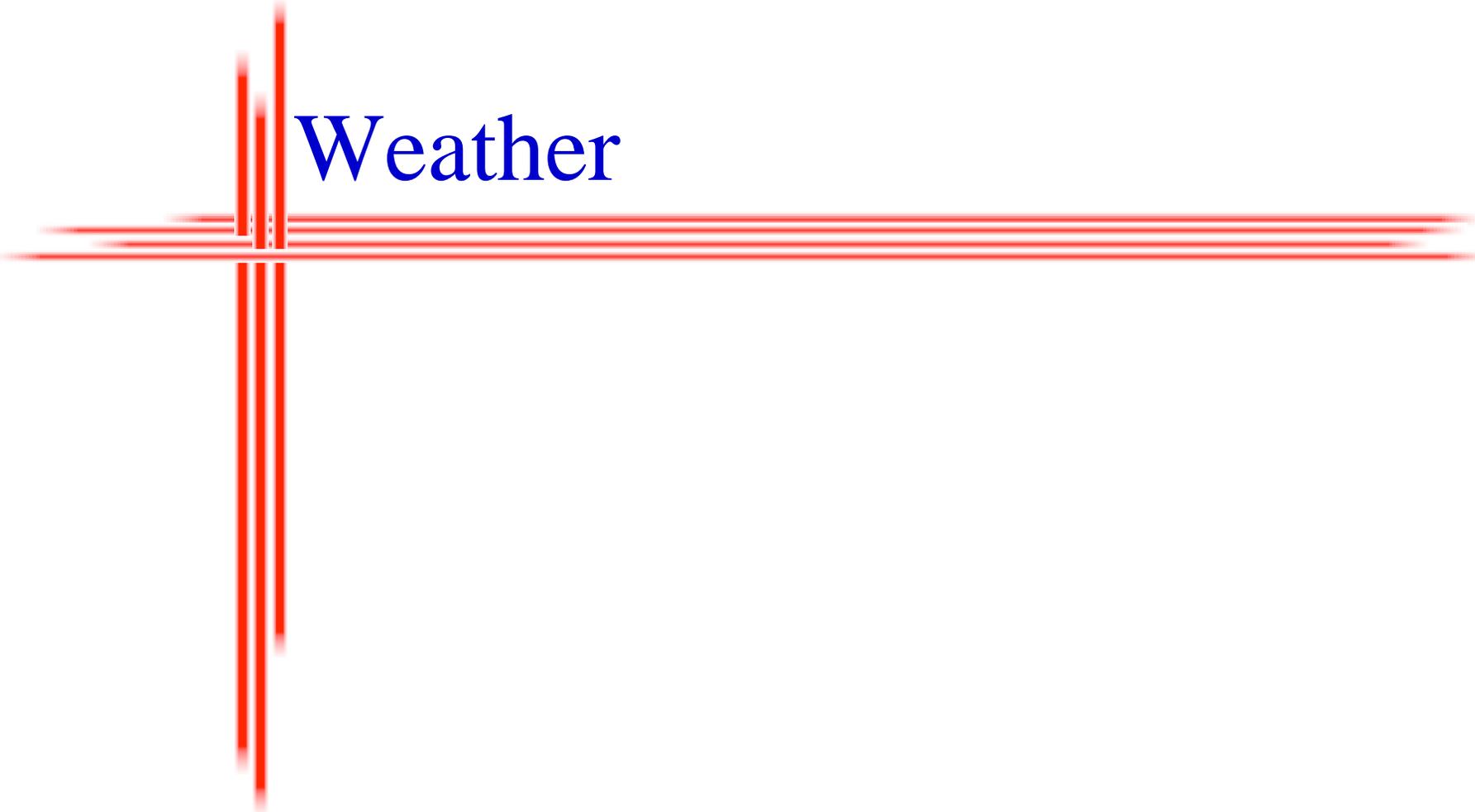
# OE ENERGY MARKET SNAPSHOT

## National Version – February 2011 Data

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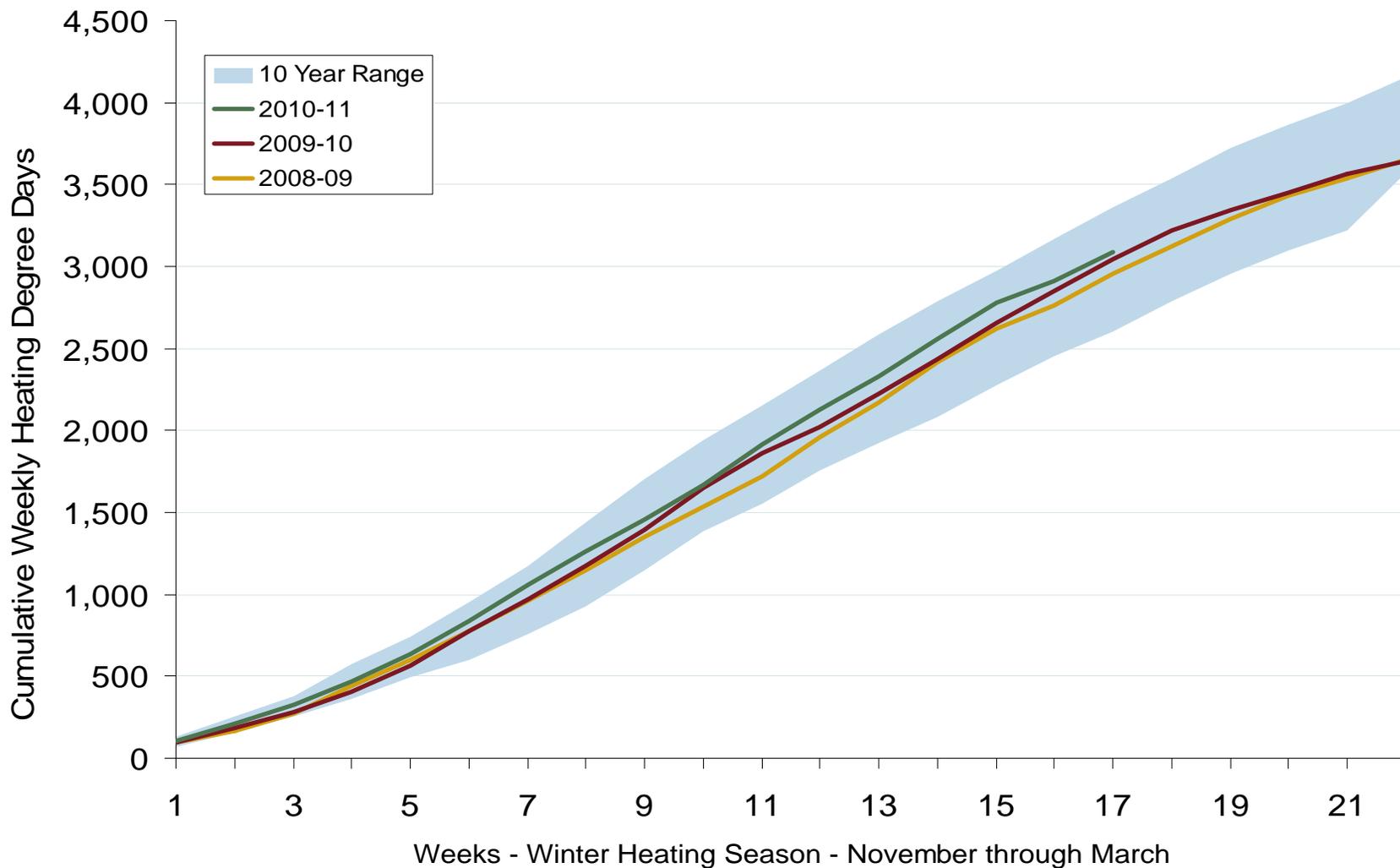
- **Weather**
- **Natural Gas and Fuel Markets**
- **Electricity Markets**

Office of Enforcement  
Federal Energy Regulatory Commission  
March 2011

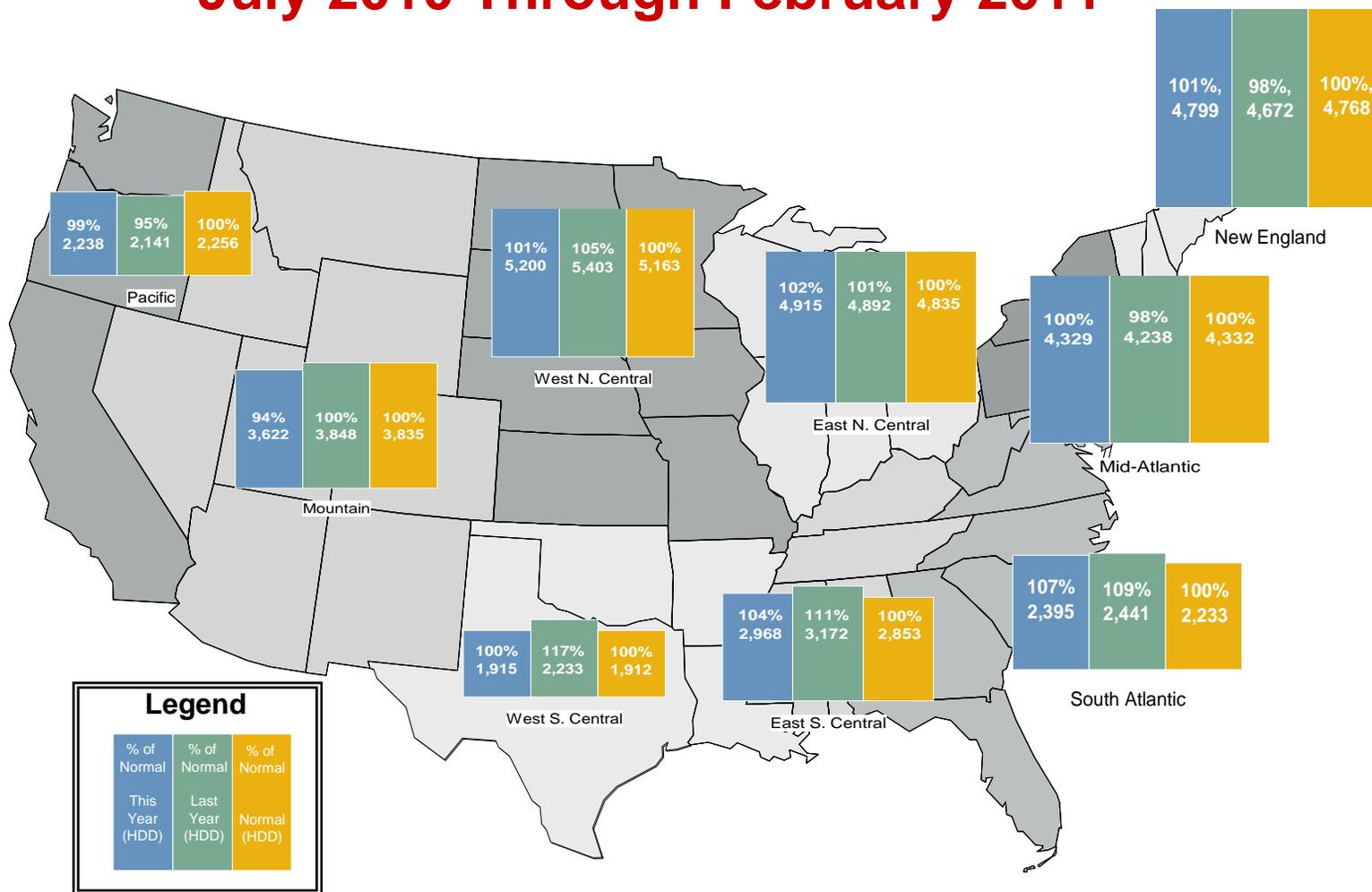


# Weather

## U. S. Winter Cumulative Heating Degree Days

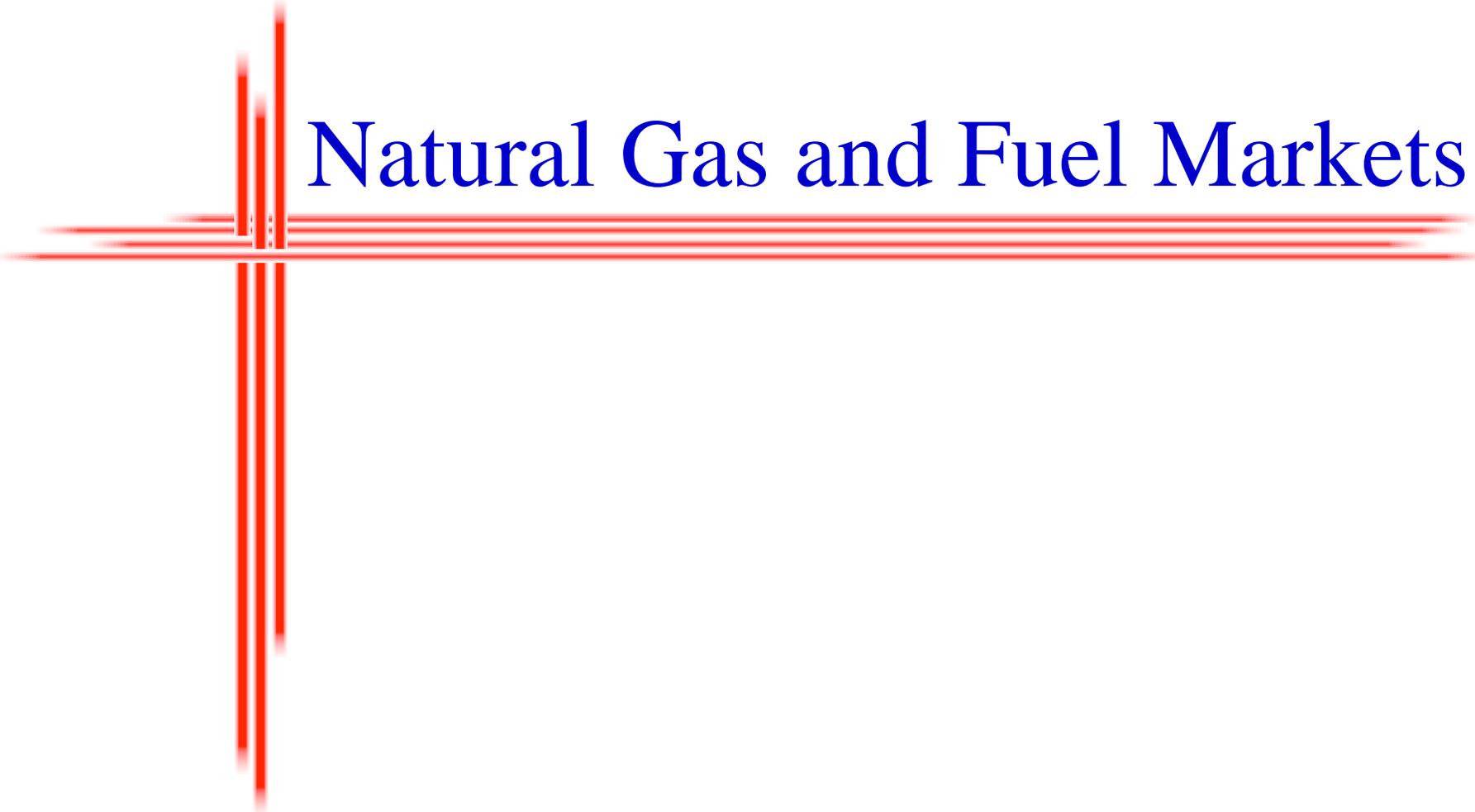


# Regional Heating Degree Days July 2010 Through February 2011



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

Updated: March 08, 2011

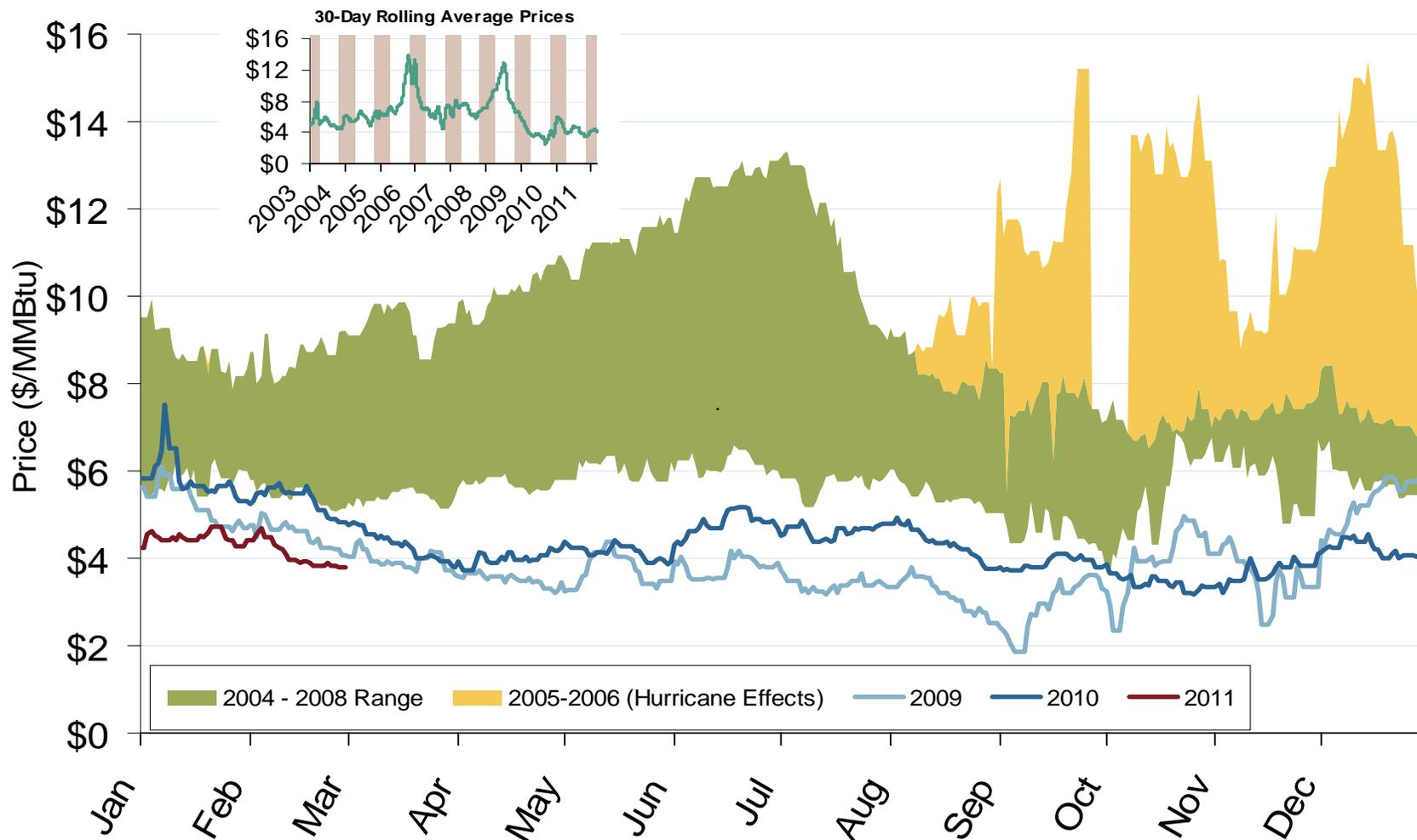
A decorative graphic consisting of several thick, parallel red lines. One vertical line runs down the left side of the page, and several horizontal lines cross it, creating a grid-like structure. The lines are slightly blurred and have a glowing effect.

# Natural Gas and Fuel Markets

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

Federal Energy Regulatory Commission • Market Oversight • [www.ferc.gov/oversight](http://www.ferc.gov/oversight)

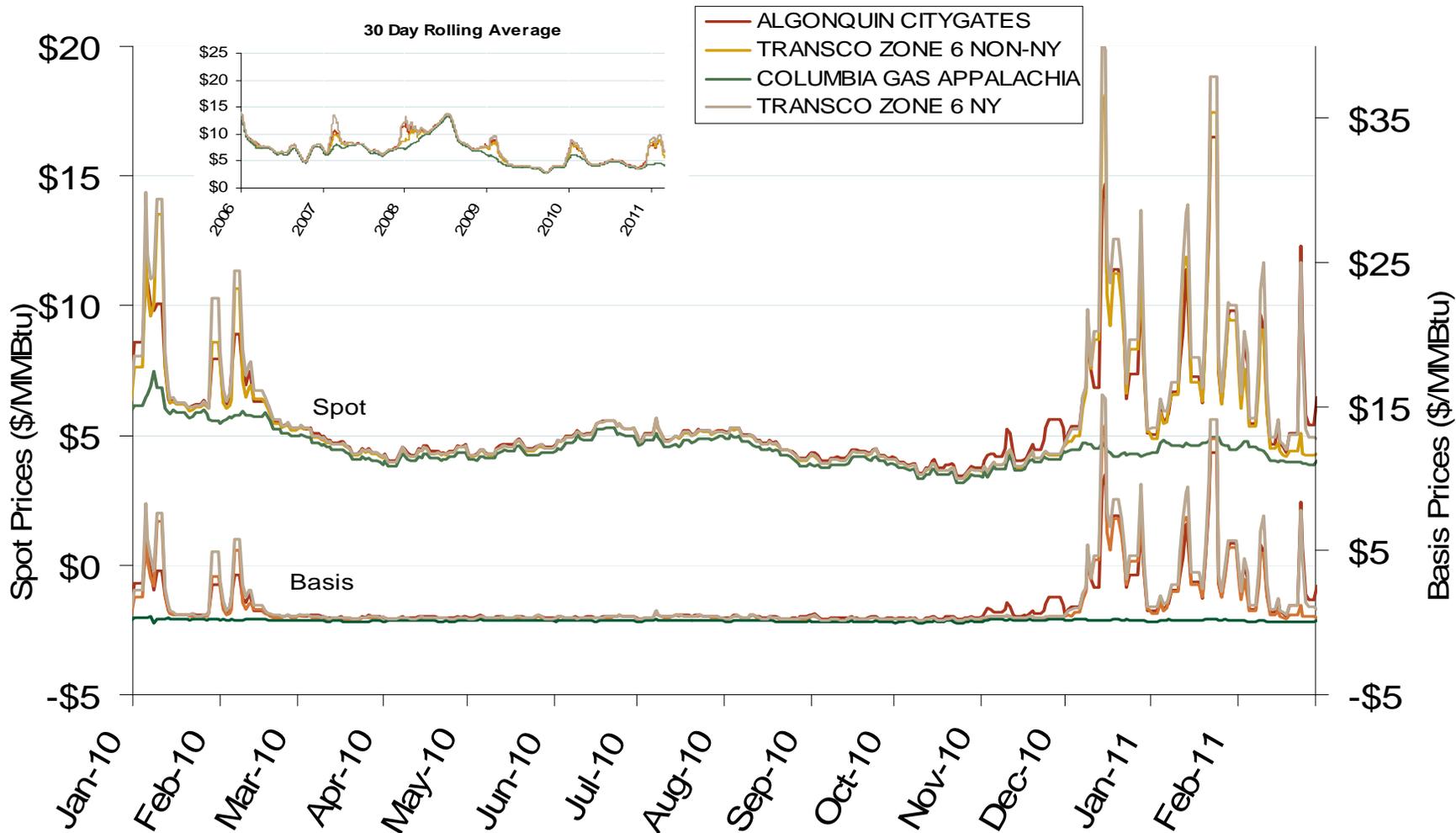
# Henry Hub Natural Gas Daily Spot Prices



Source: Derived from *Platts* data.

Updated: March 08, 2011

# Northeastern Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: March 08, 2011

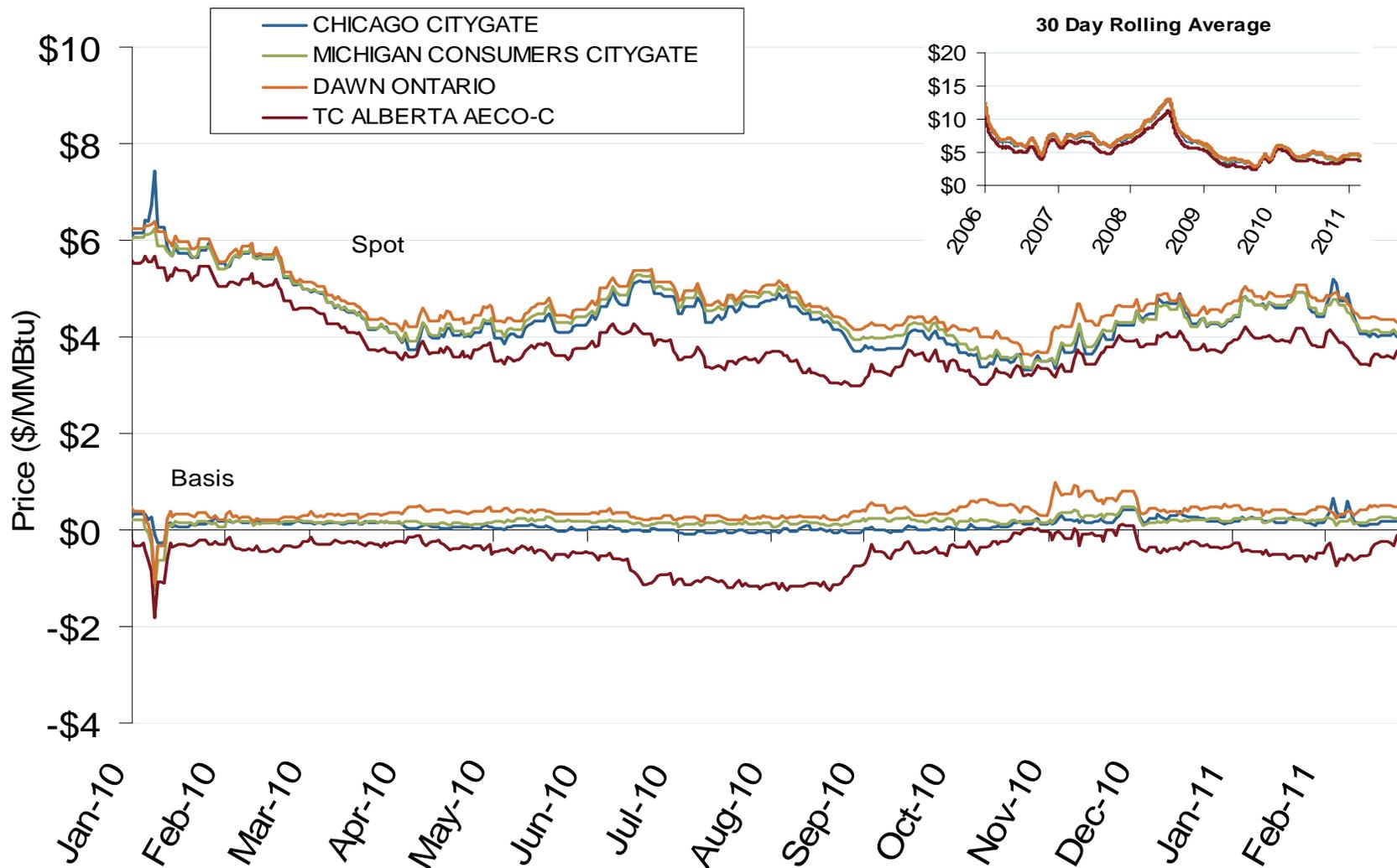
# Southeastern Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: March 08, 2011

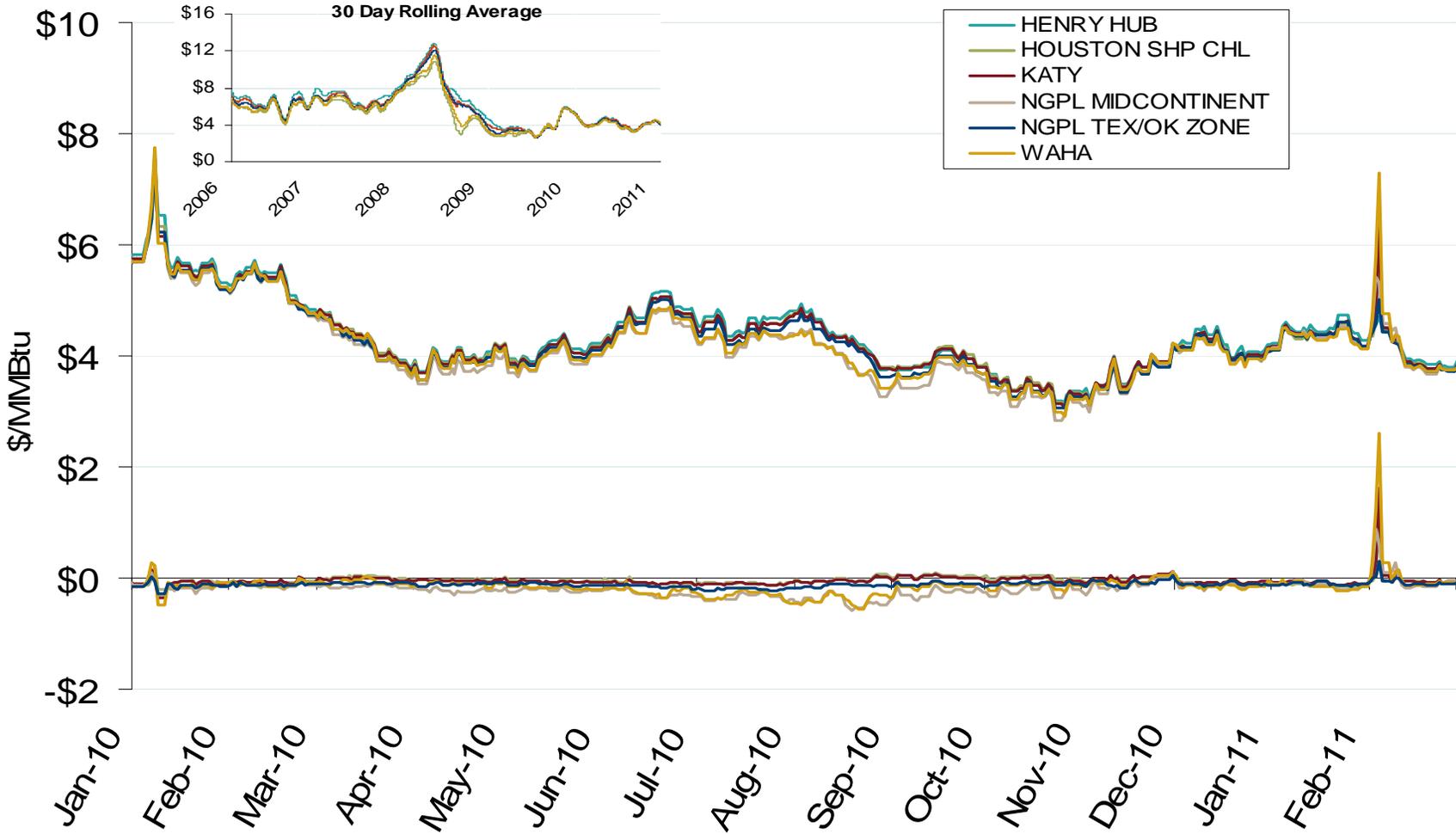
# Midwestern Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

Updated: March 07, 2011

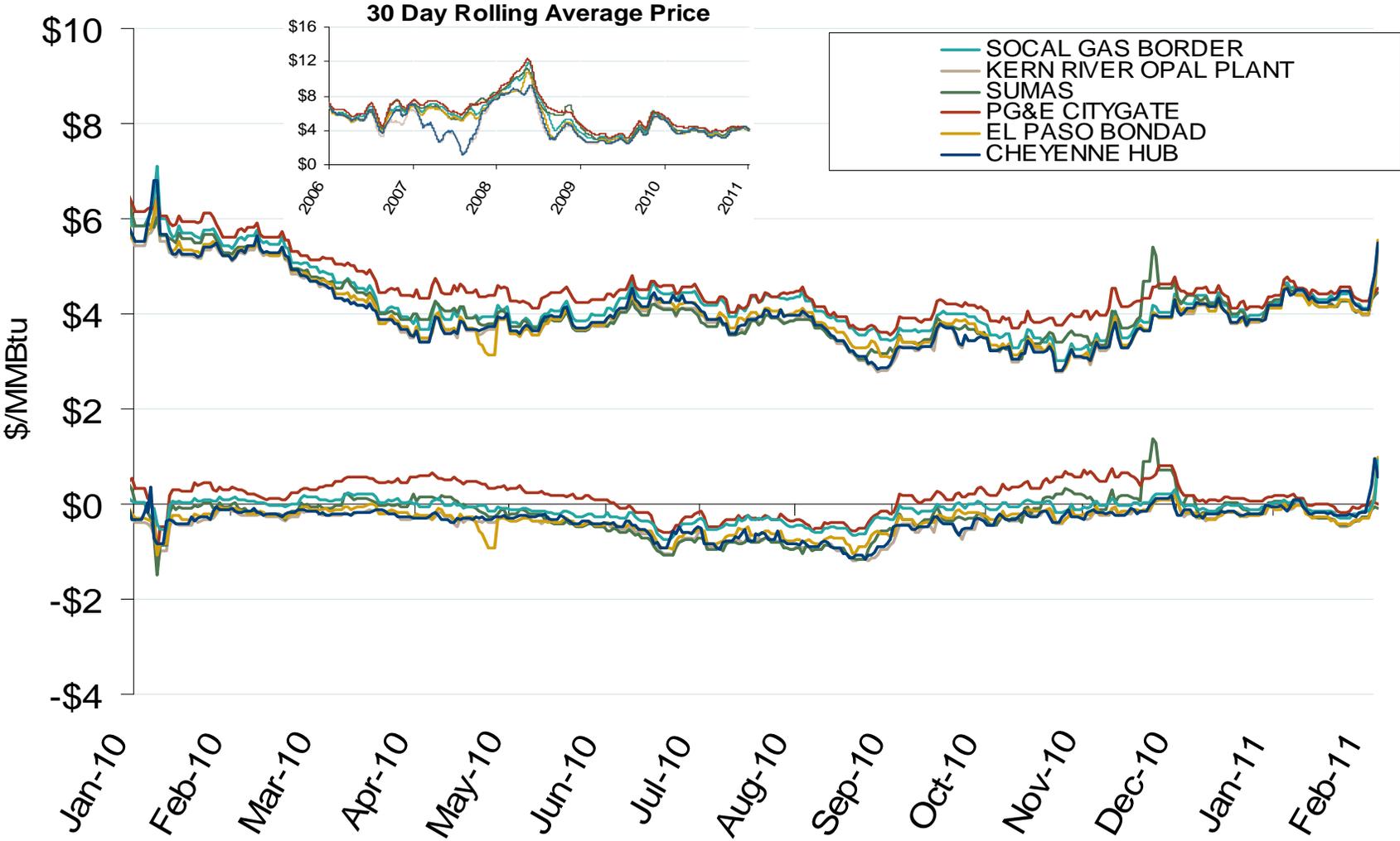
# Gulf Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

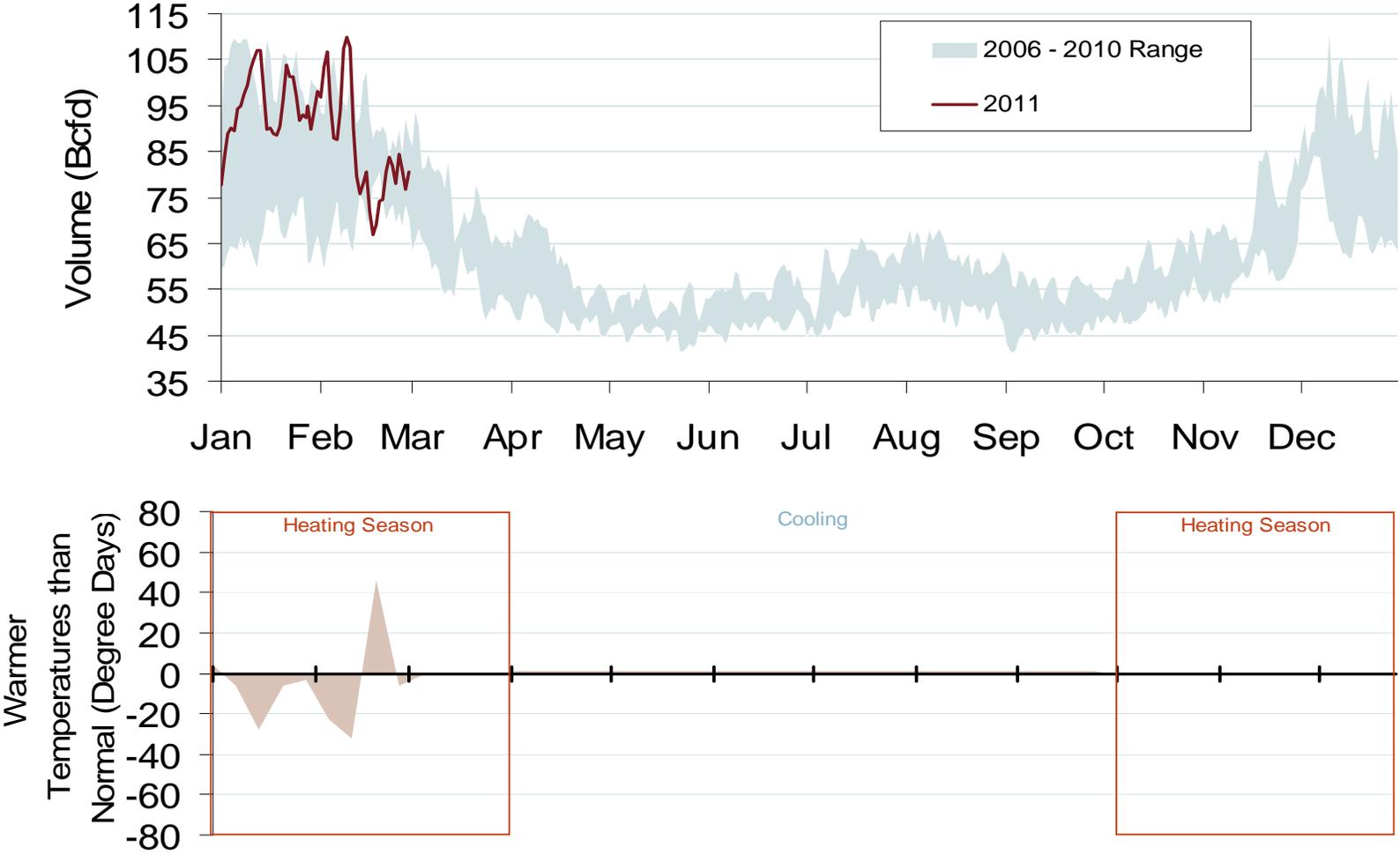
Updated: March 08, 2011

# Western Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

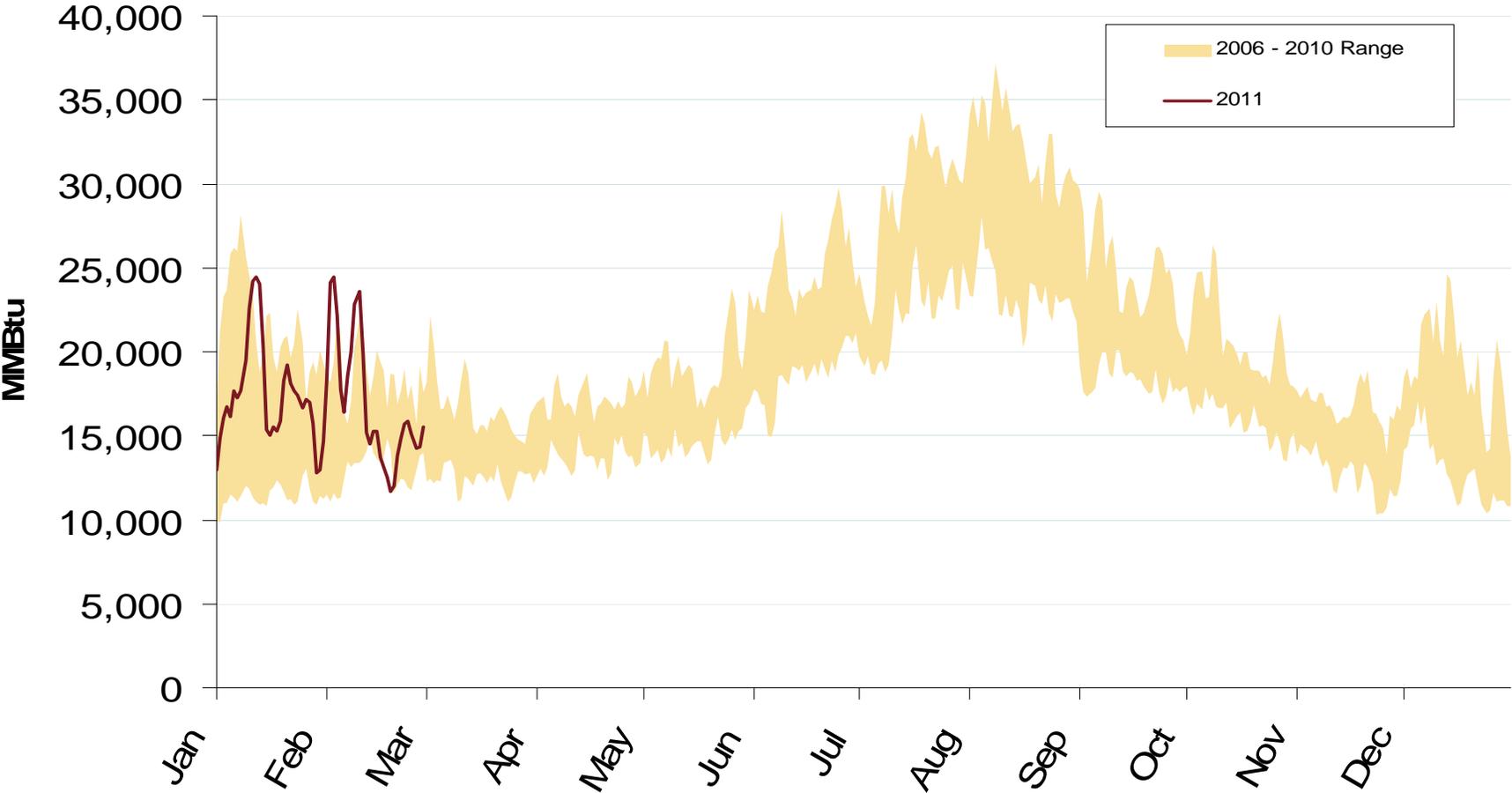
# Total U.S. Natural Gas Demand (All Sectors) and Temperatures



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

Updated: March 08, 2011

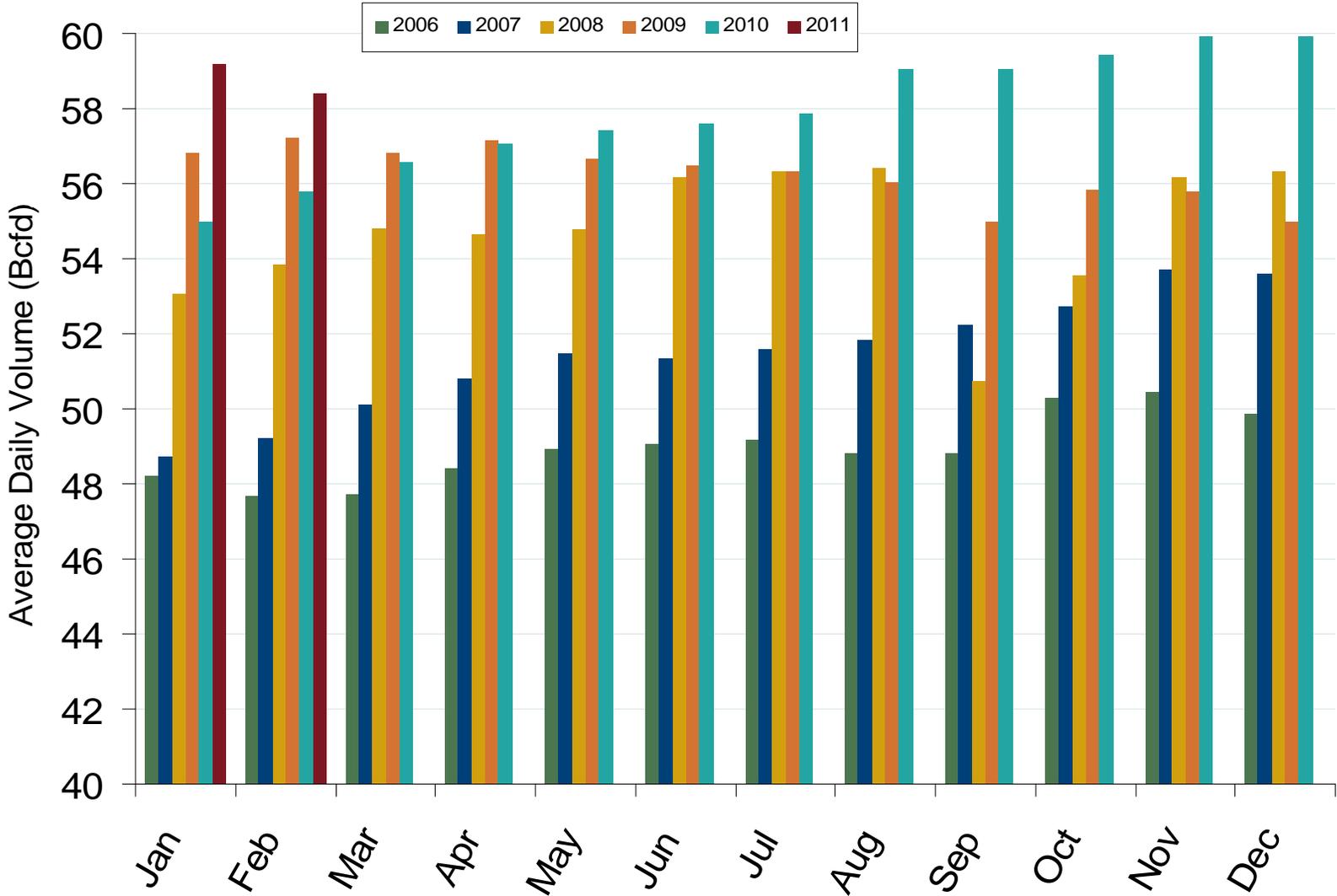
# U.S. Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data.

Updated: March 08, 2011

# U.S. Dry Gas Production



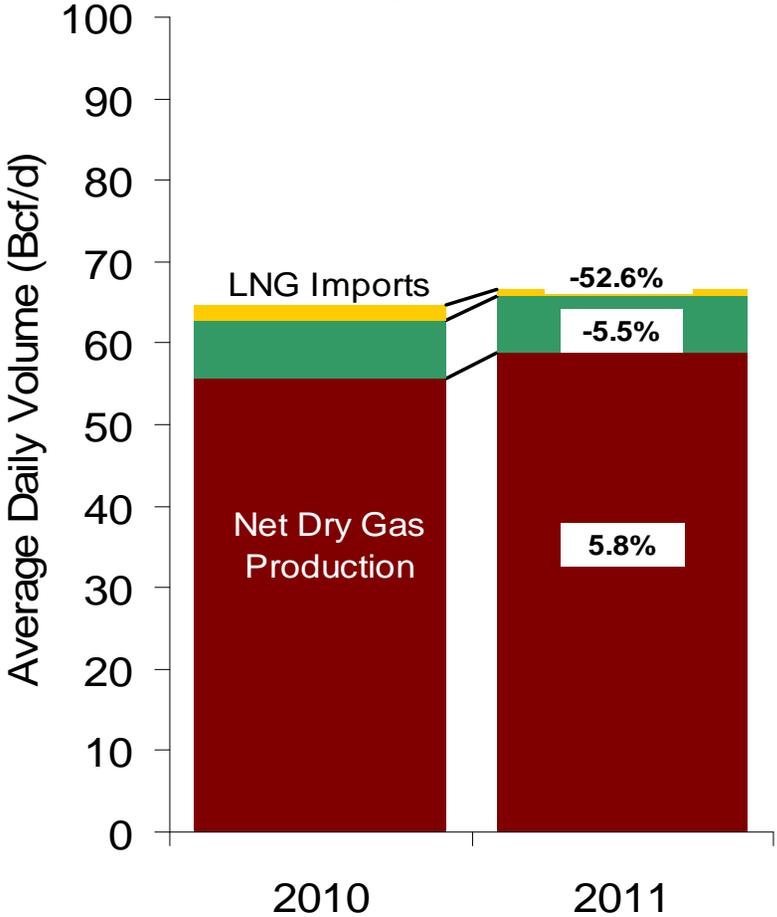
Source: Derived from EIA and Bentek data.  
March 2011 National Snapshot Report

Updated: March 08, 2011

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

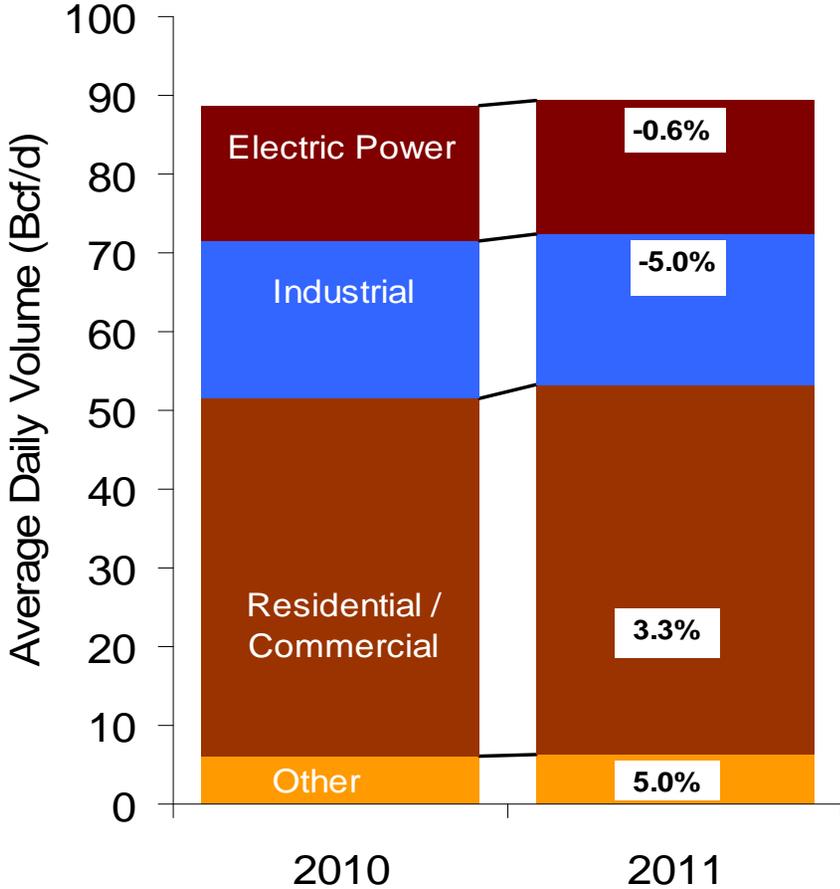
### US Natural Gas Supply

Total Change in Supply 2.9%



### US Natural Gas Demand

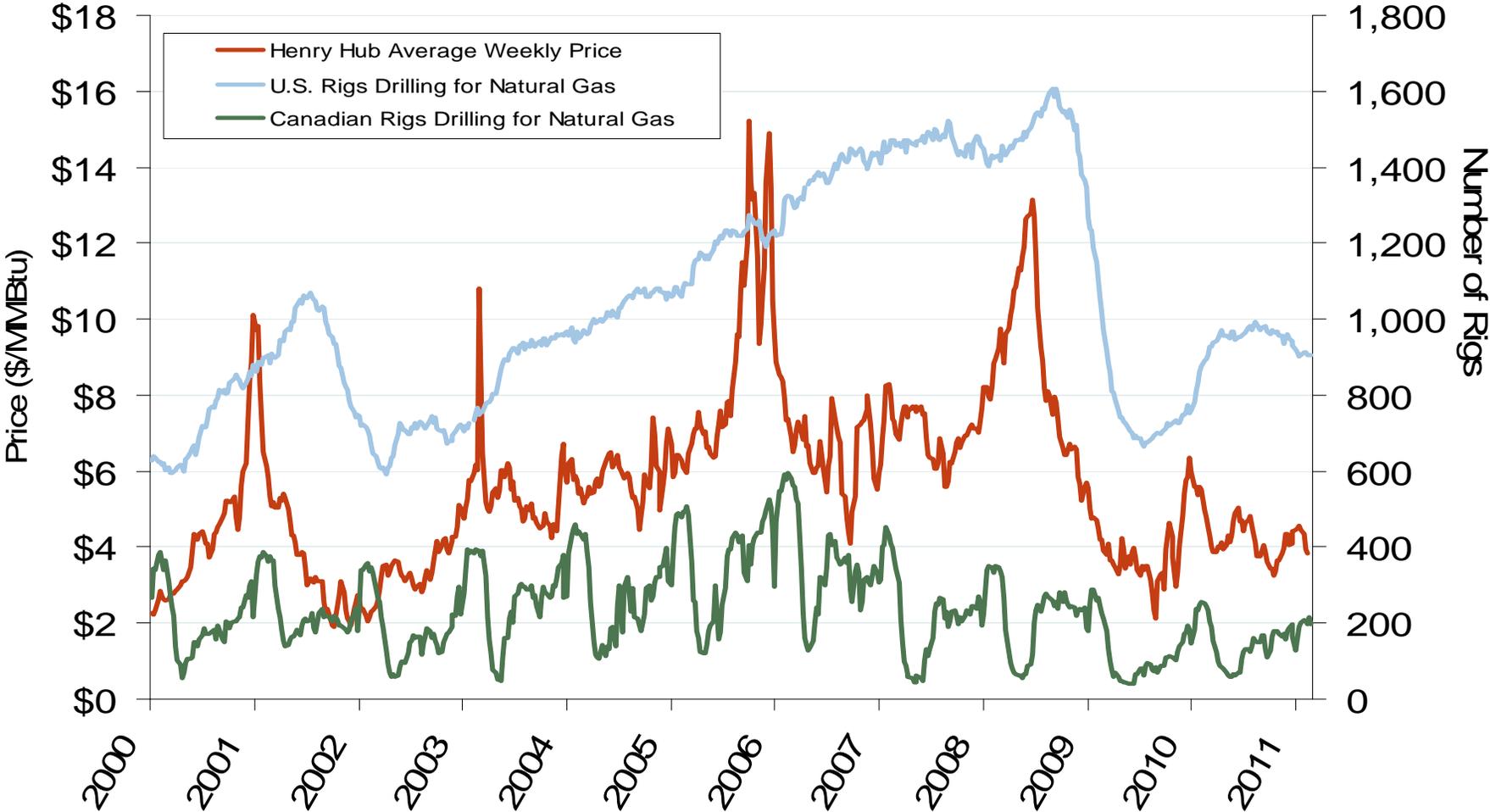
Total Change in Demand 4.5%



Source: Derived from Bentek data.  
March 2011 National Snapshot Report

Updated: March 08, 2011

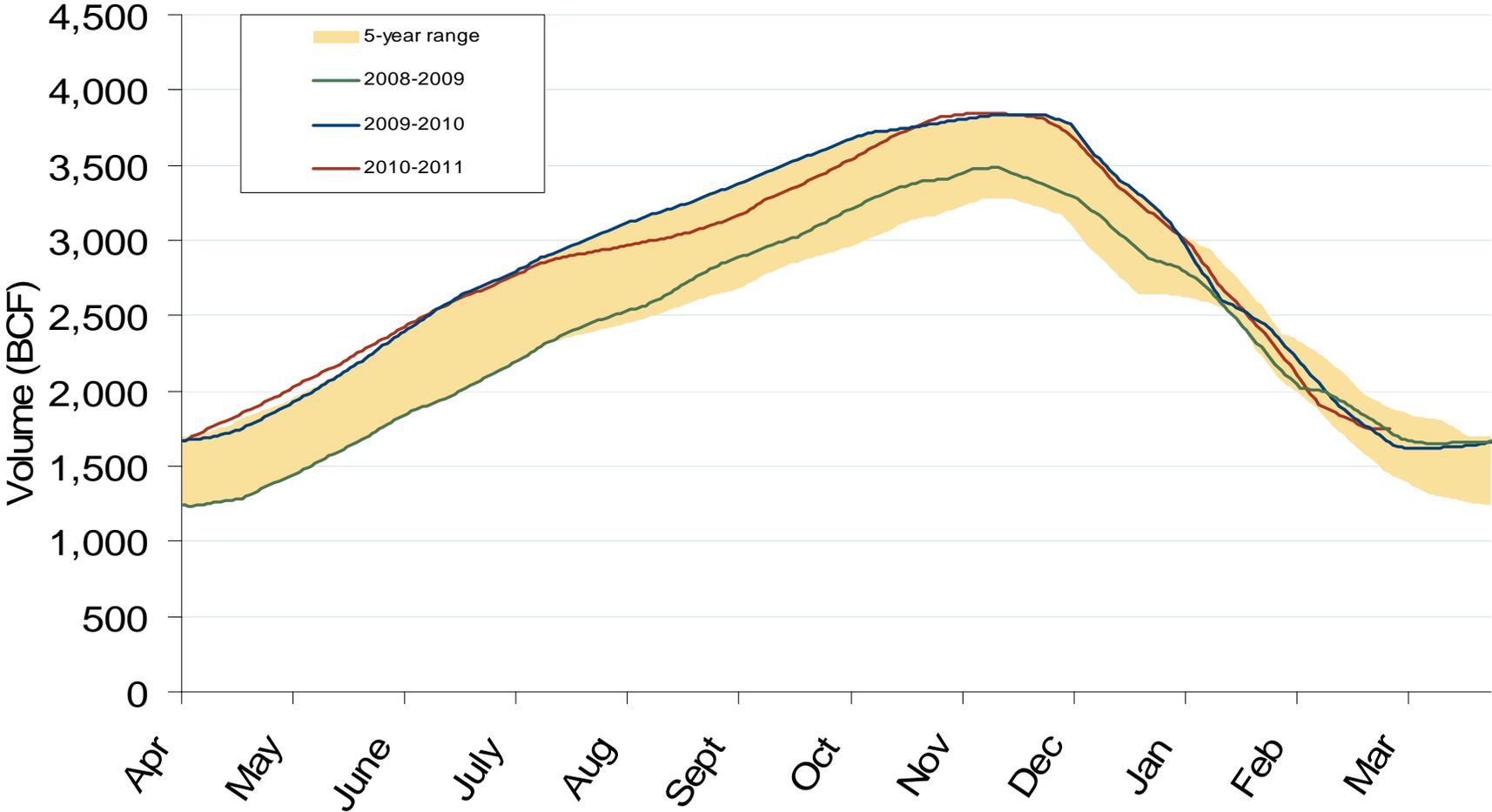
# U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



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

Updated: March 08, 2011

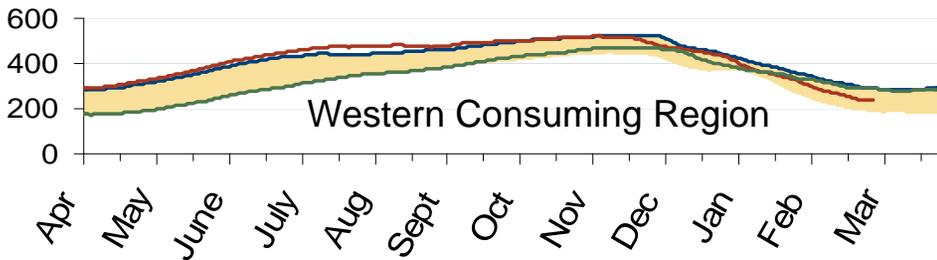
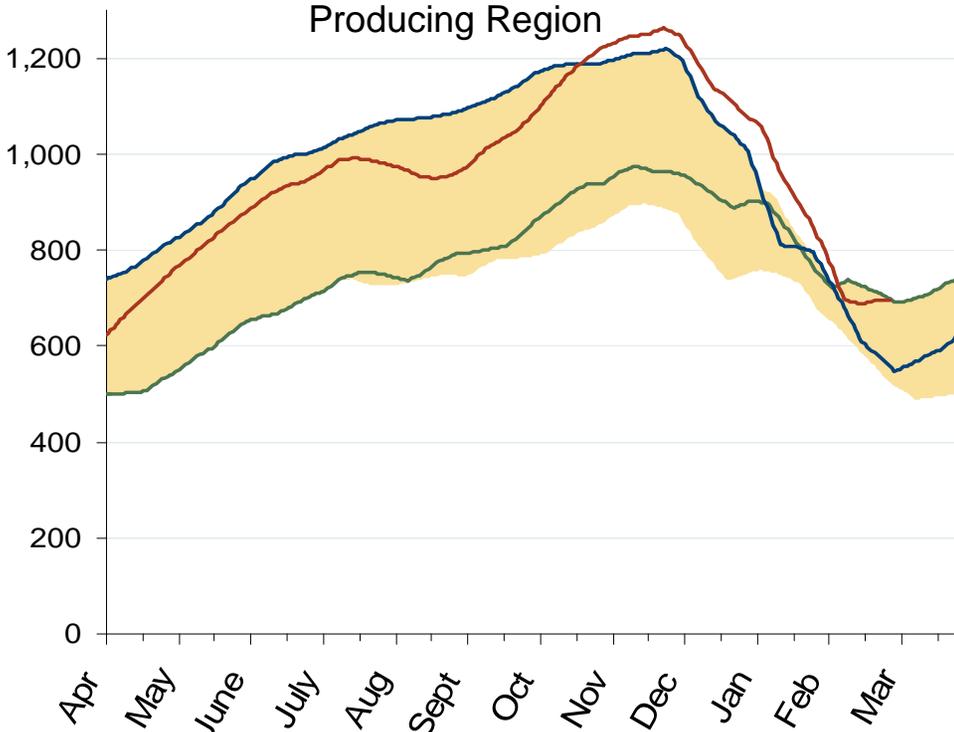
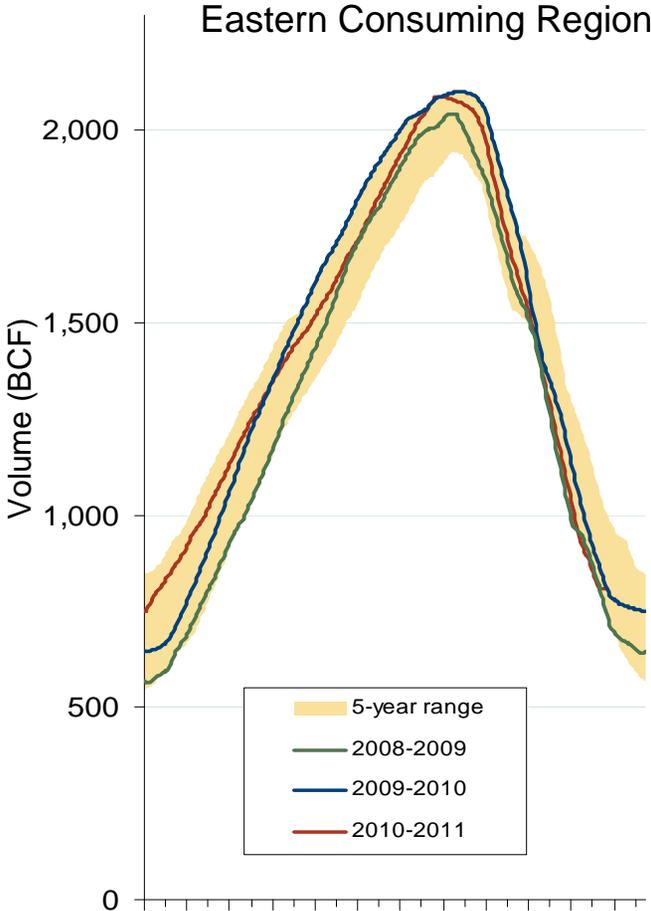
# Total U.S. Working Gas in Storage



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

Updated: March 08, 2011

# Regional Totals of Working Gas in Storage

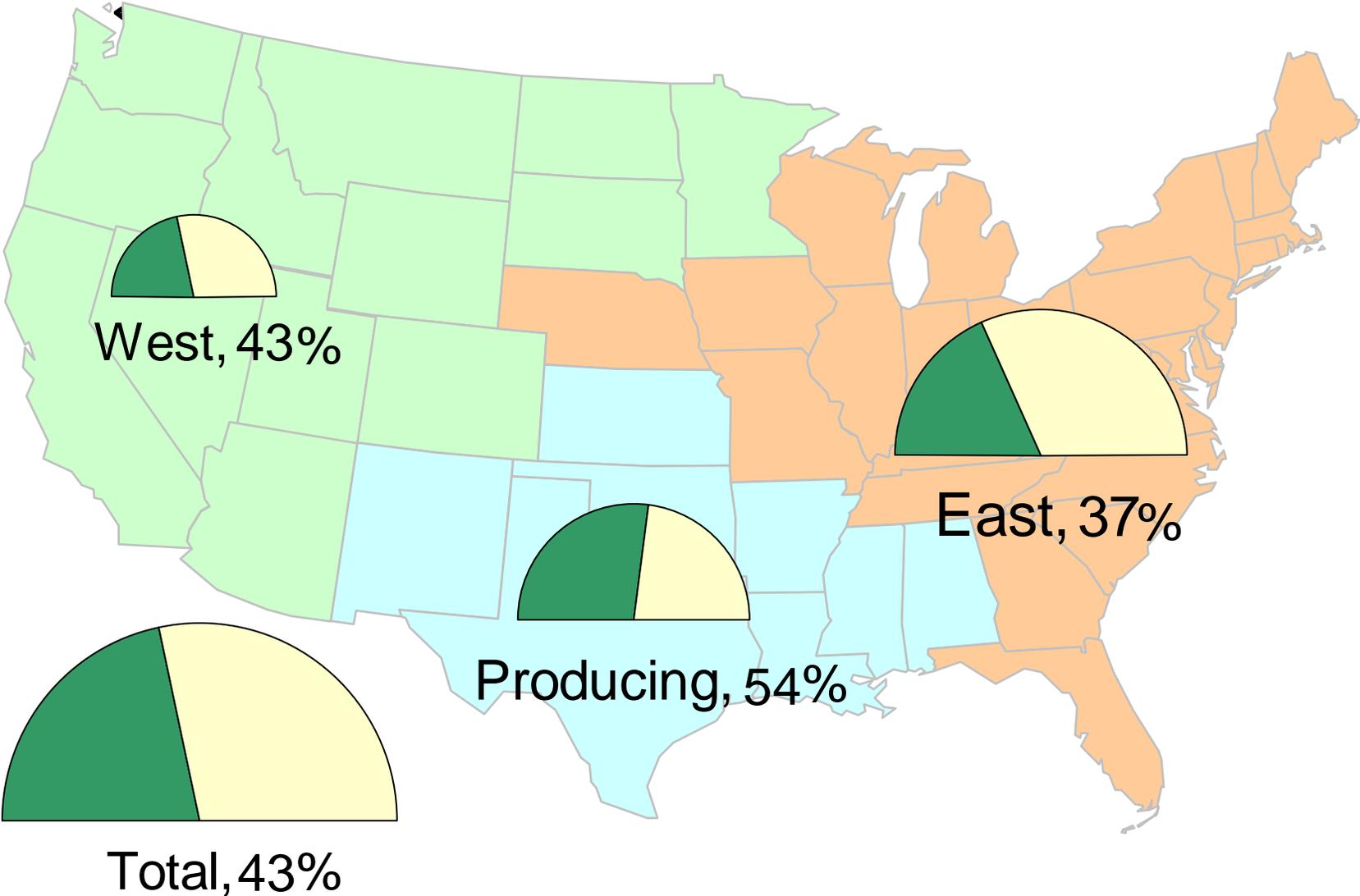


Source: Derived from EIA data.

March 2011 National Snapshot Report

Updated: March 08, 2011

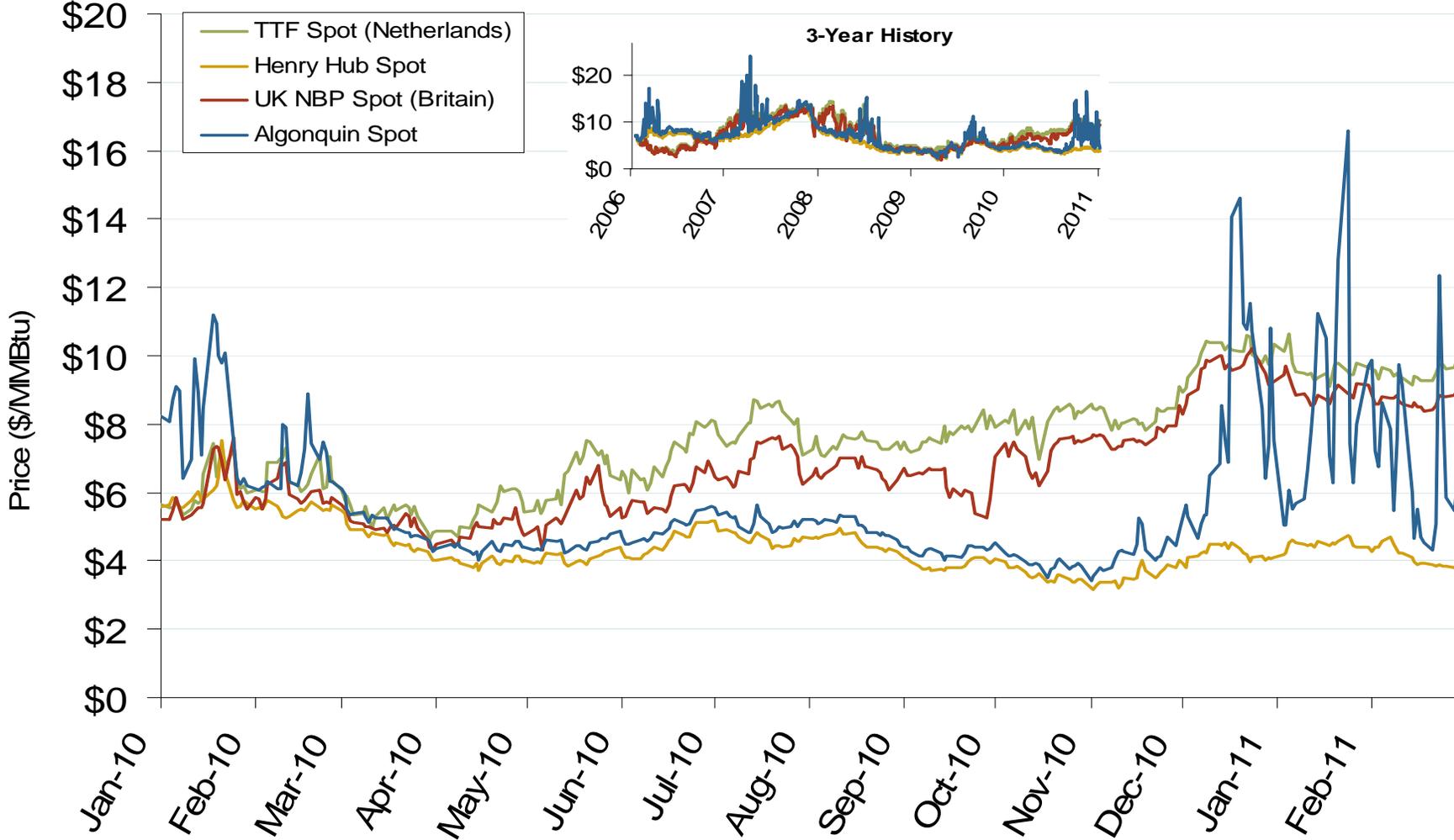
# Natural Gas Storage Inventories – February 25, 2011



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

Updated: March 08, 2011

# Atlantic Basin European and US Spot Natural Gas Prices



Source: Derived from *Bloomberg and ICE data*.

Updated: March 08, 2011

## World LNG Estimated April 2011 Landed Prices



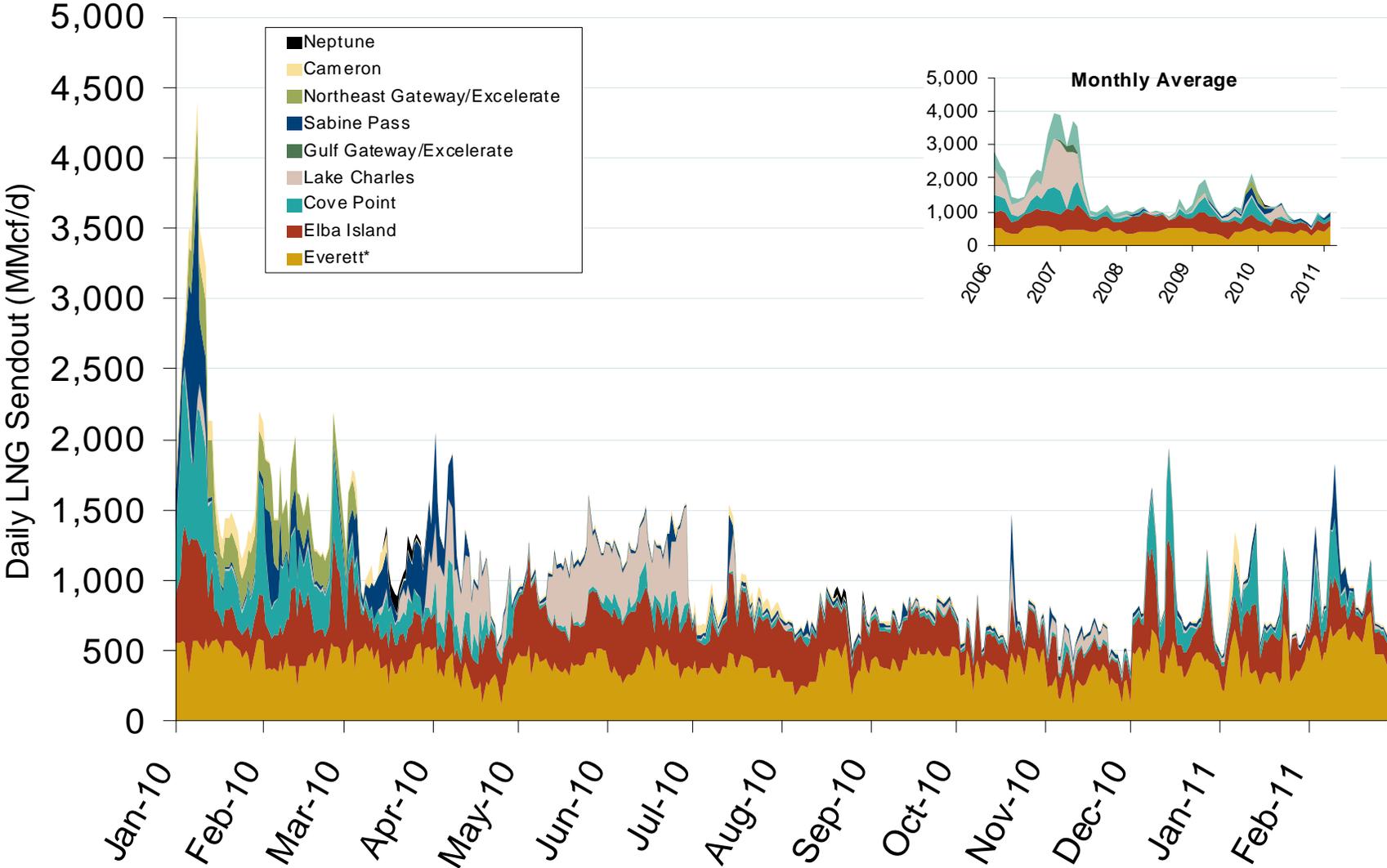
Source: *Waterborne Energy, Inc.* Data in \$US/MMBtu.

March 2011 National Snapshot Report

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3024

# Daily Gas Sendout from Existing U.S. LNG Facilities

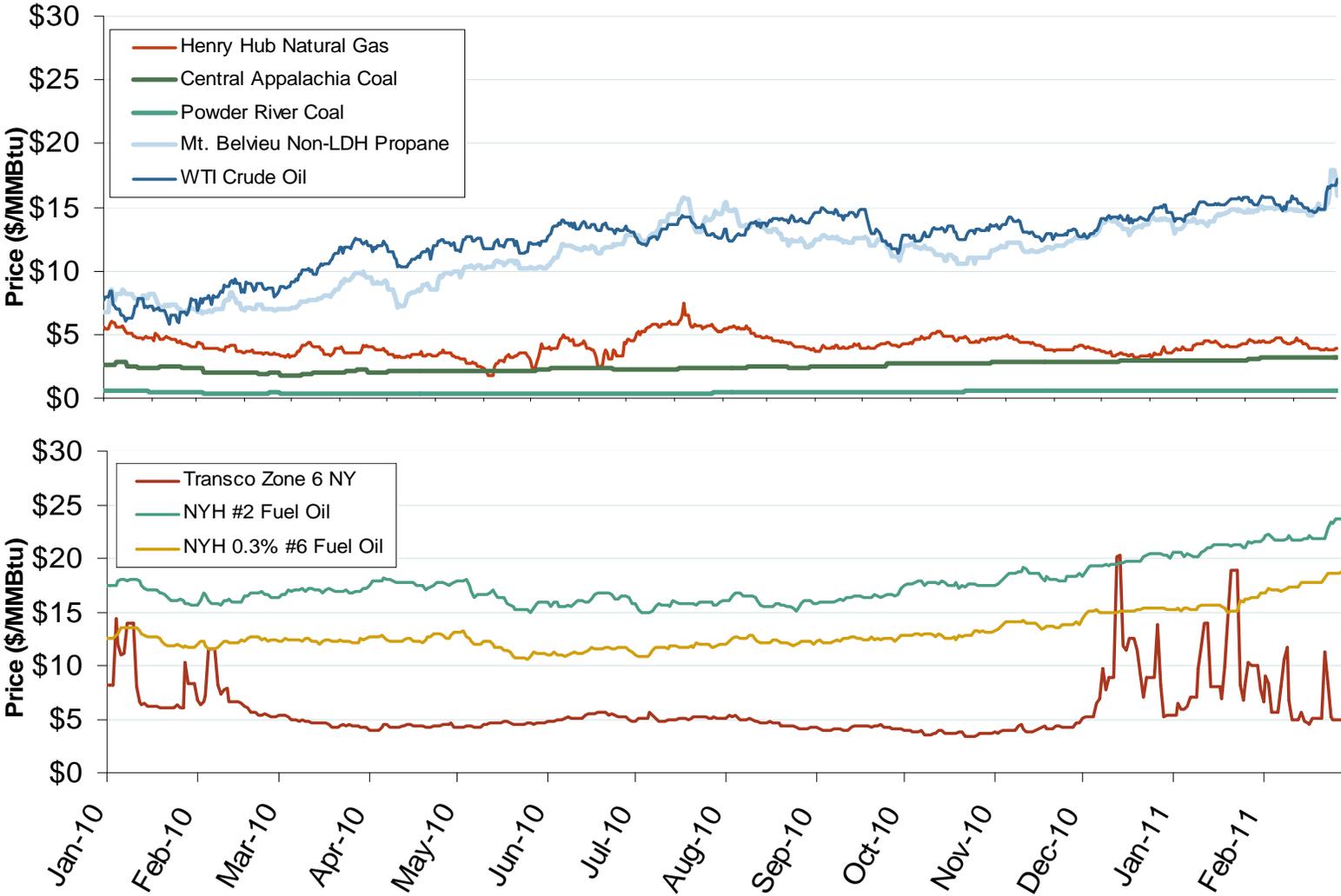


Source: Derived from Bentek data.

\* 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.

Updated: March 08, 2011

# Oil, Coal, Natural Gas and Propane Daily Spot Prices

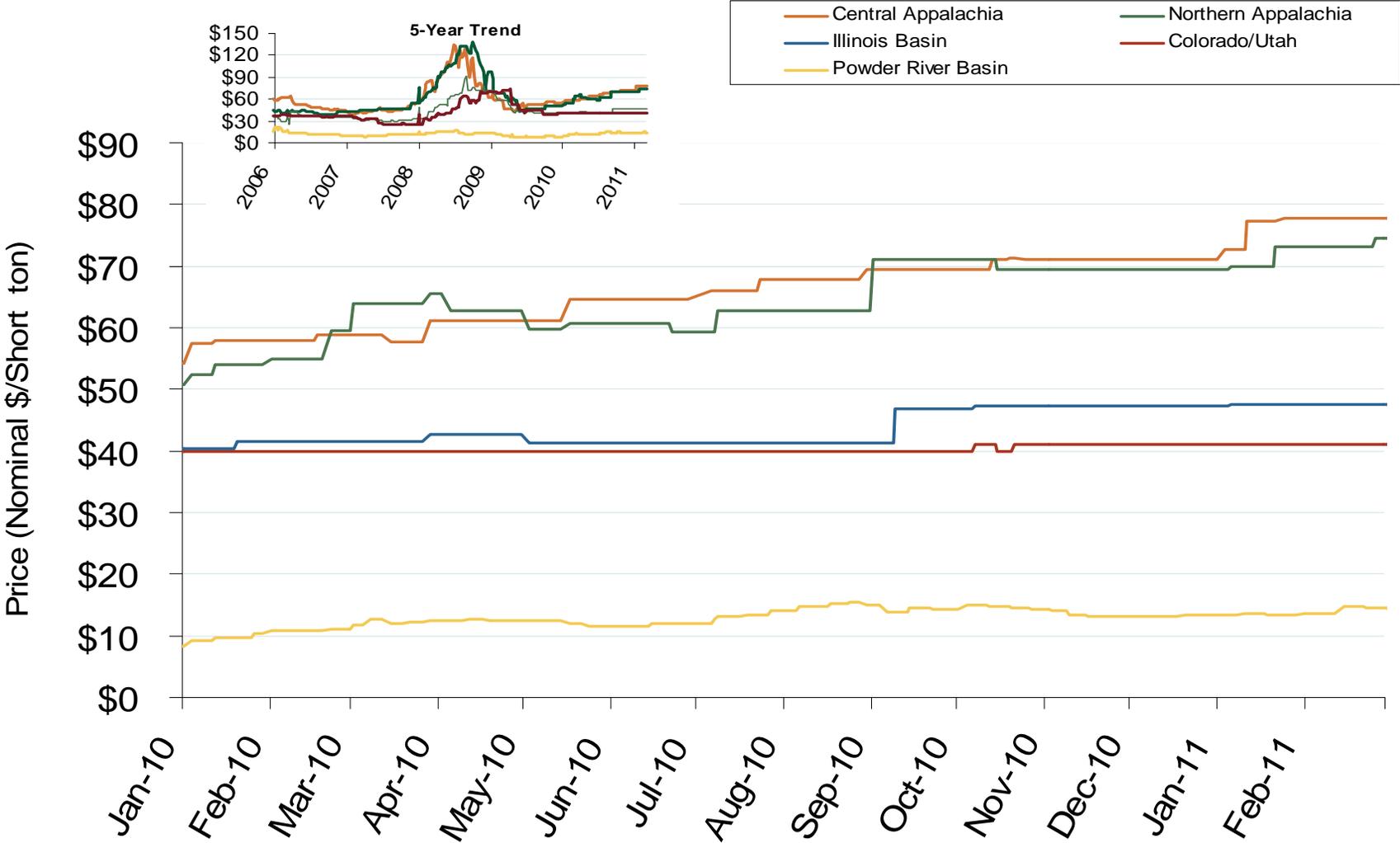


Source: Derived from ICE and Bloomberg data.

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: March 08, 2011

# Regional Coal Spot Prices

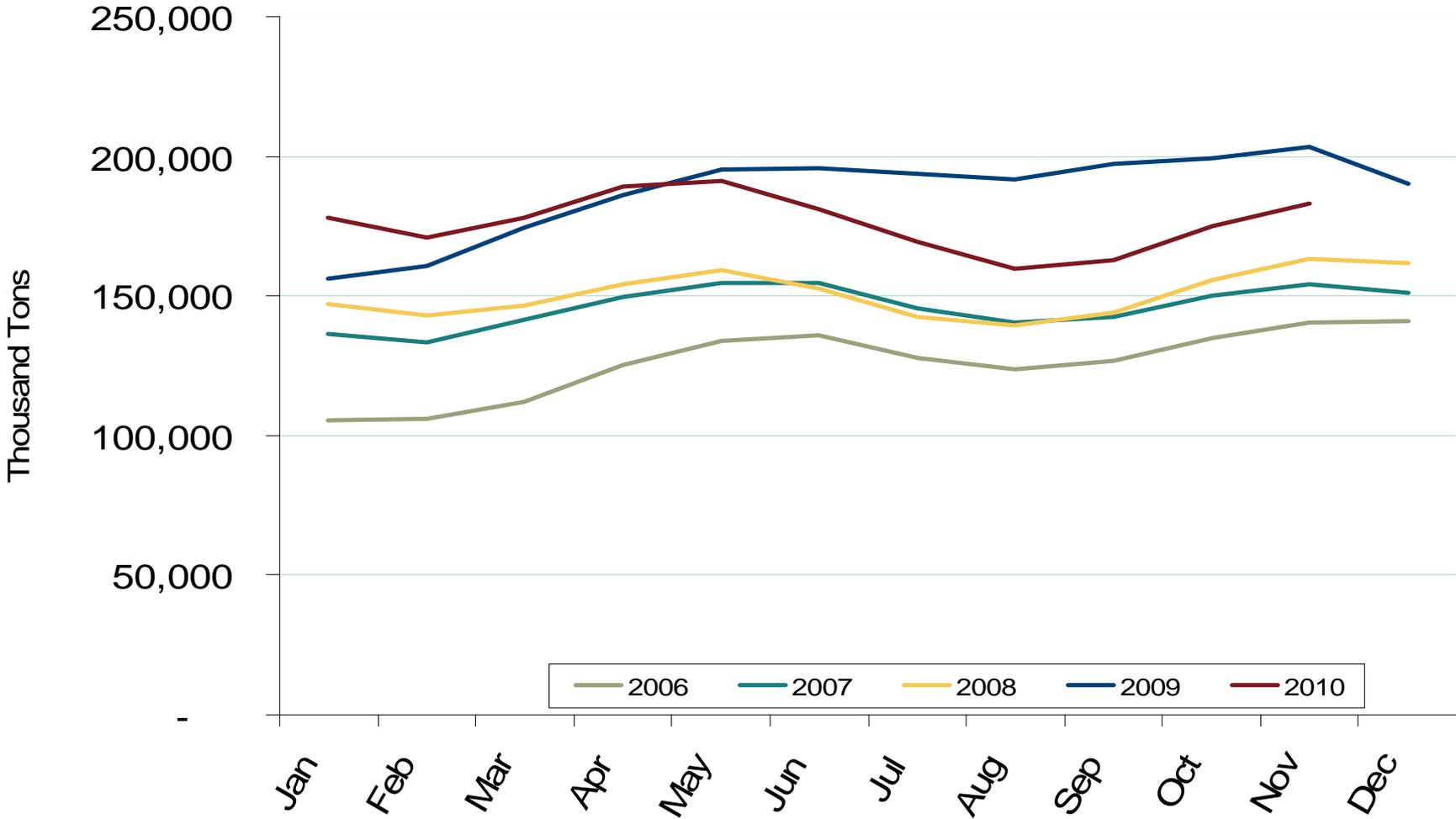


Note: the Central Appalachian (CAPP) coal is priced at Big Sandy. All others are mine mouth prices. Prices do not include transportation costs to a plant, as those can vary widely by contract specifications. Prices exclude incremental cost of emissions allowances.

Source: Derived from *Bloomberg* data.  
March 2011 National Snapshot Report

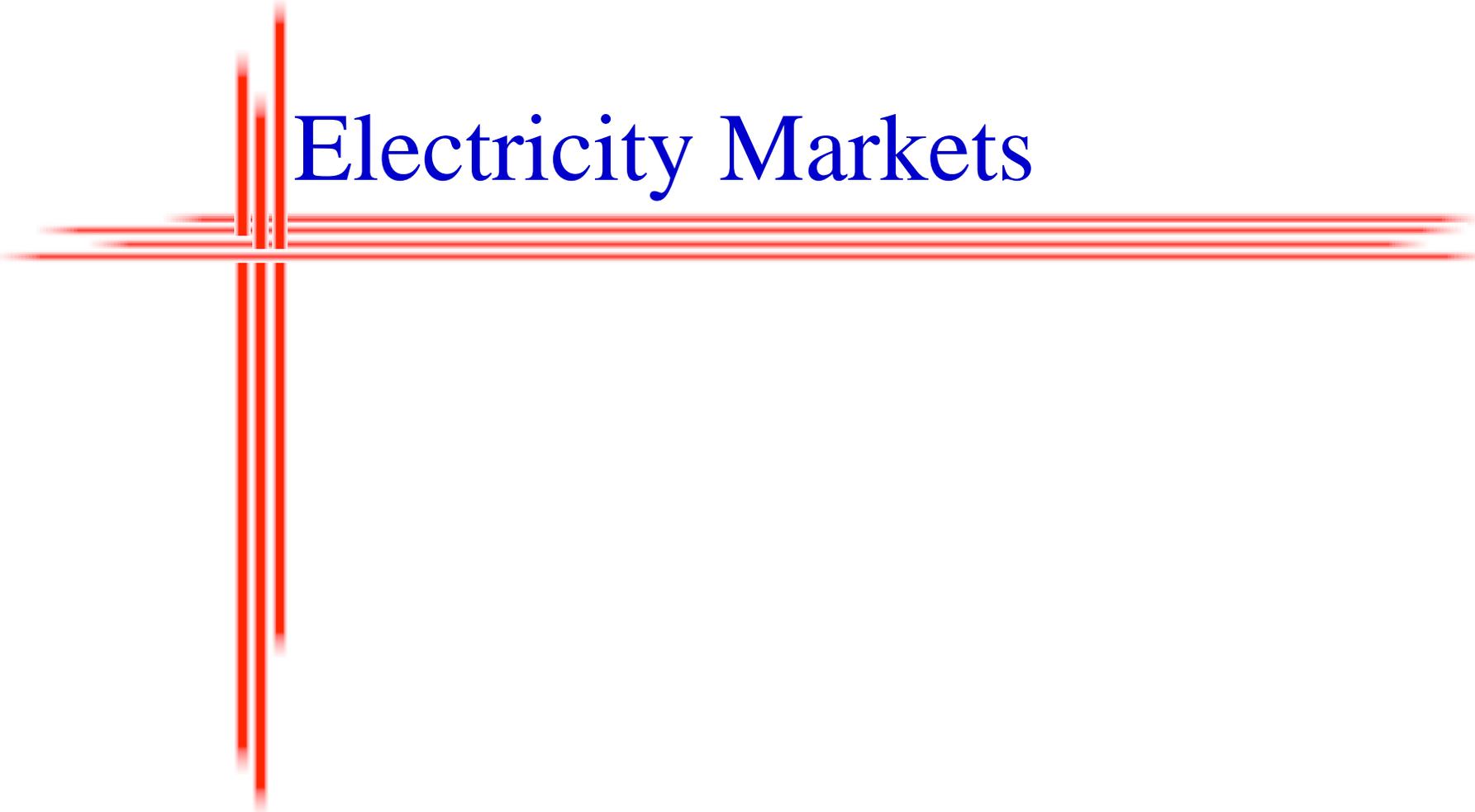
Updated: March 08, 2011

# U.S. Coal Stockpiles at Electric Power Generating Facilities



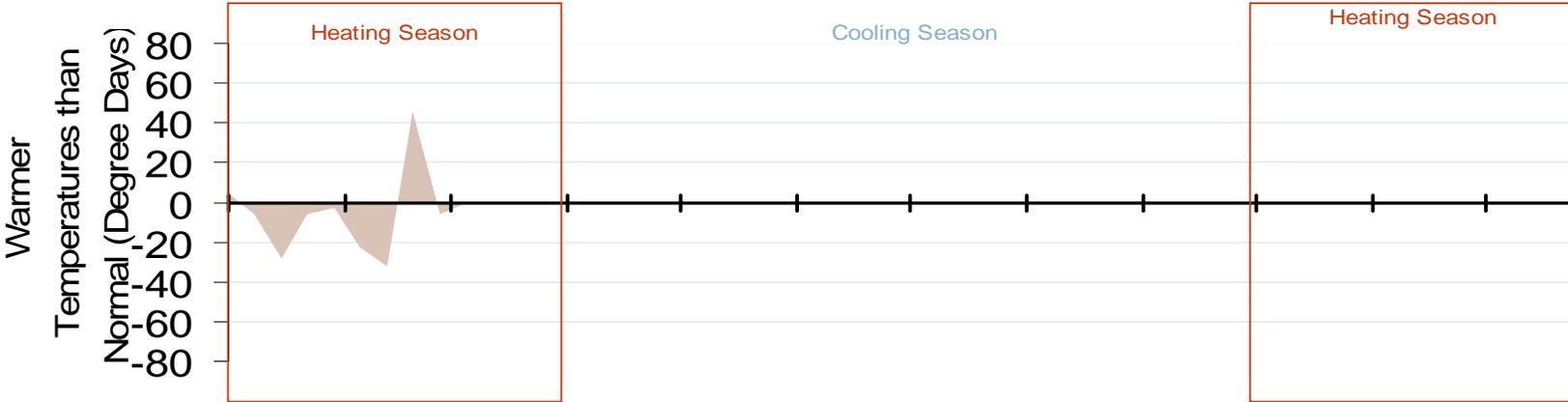
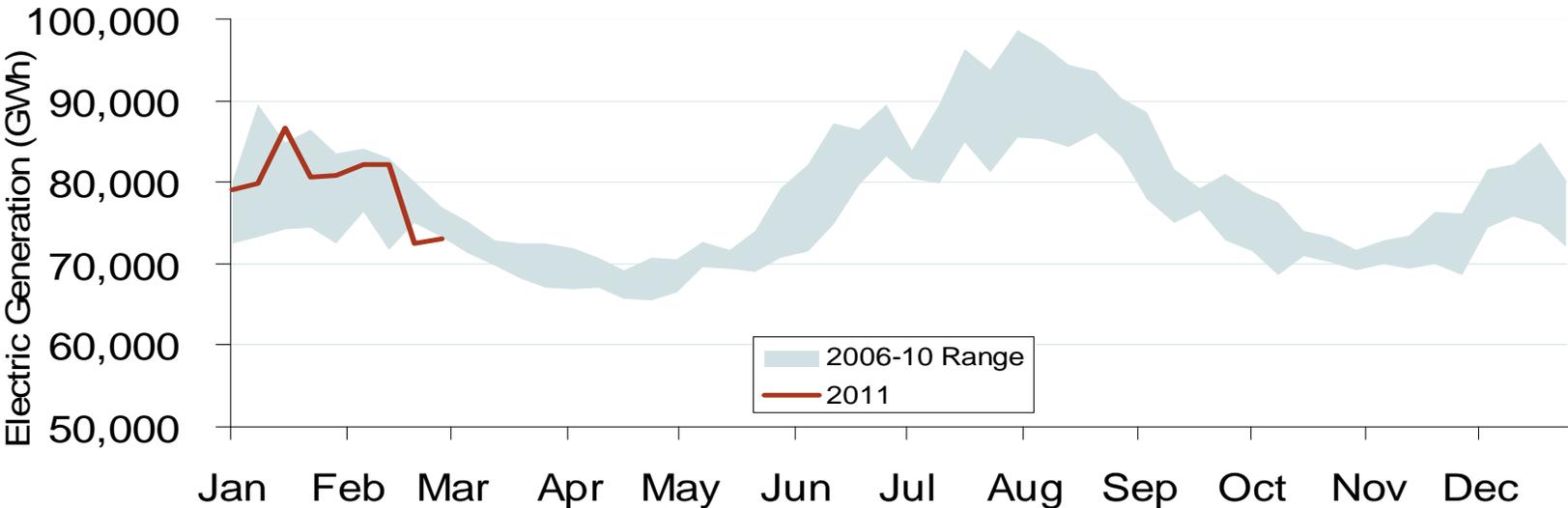
Source: Derived from Energy Information Administration. Excludes Industrial and Commercial Plants.

Updated: March 08, 2011



# Electricity Markets

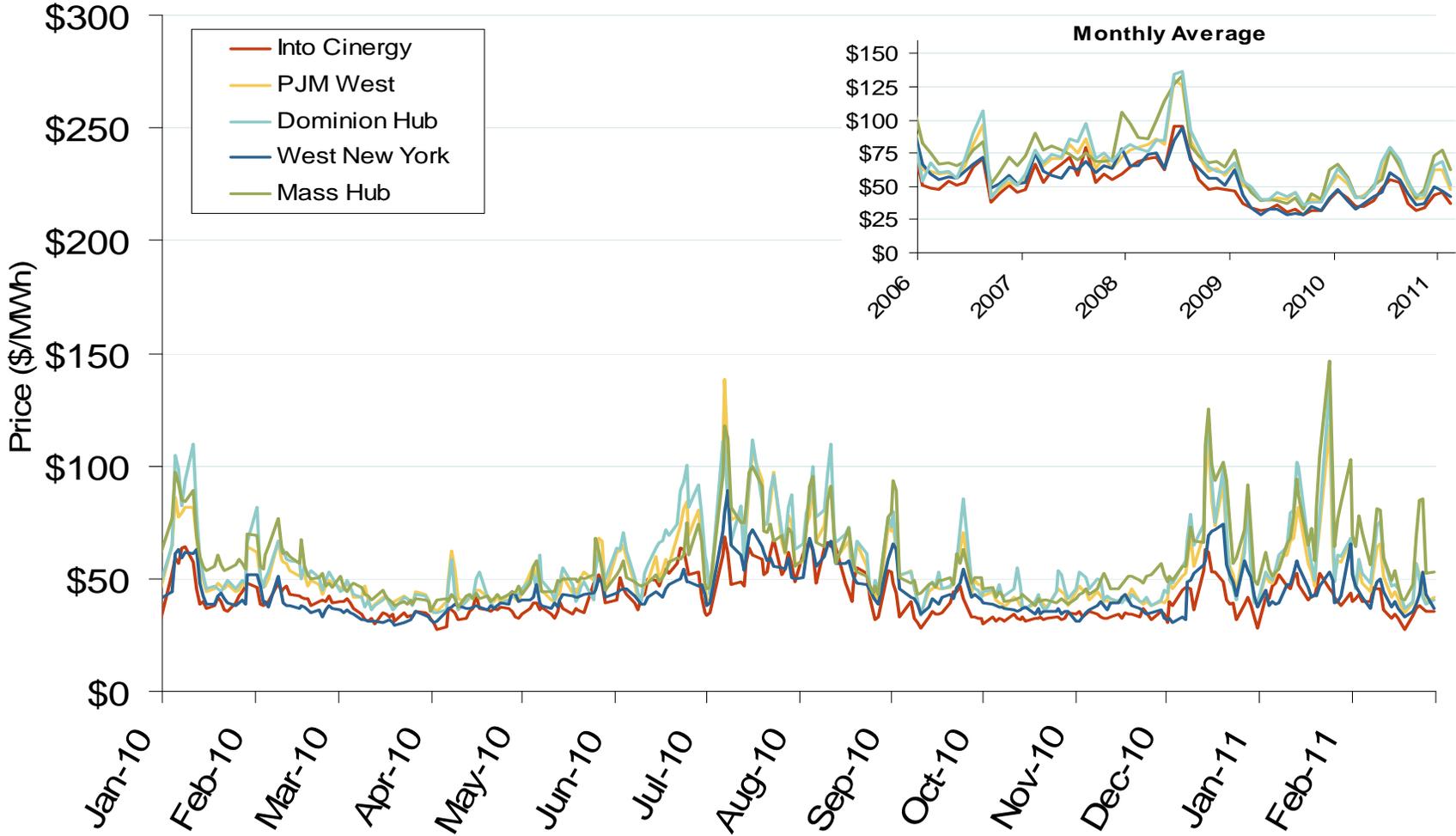
# Weekly U.S. Electric Generation Output and Temperatures



Source: Derived from *EI* and *NOAA* data.

Updated: March 08, 2011

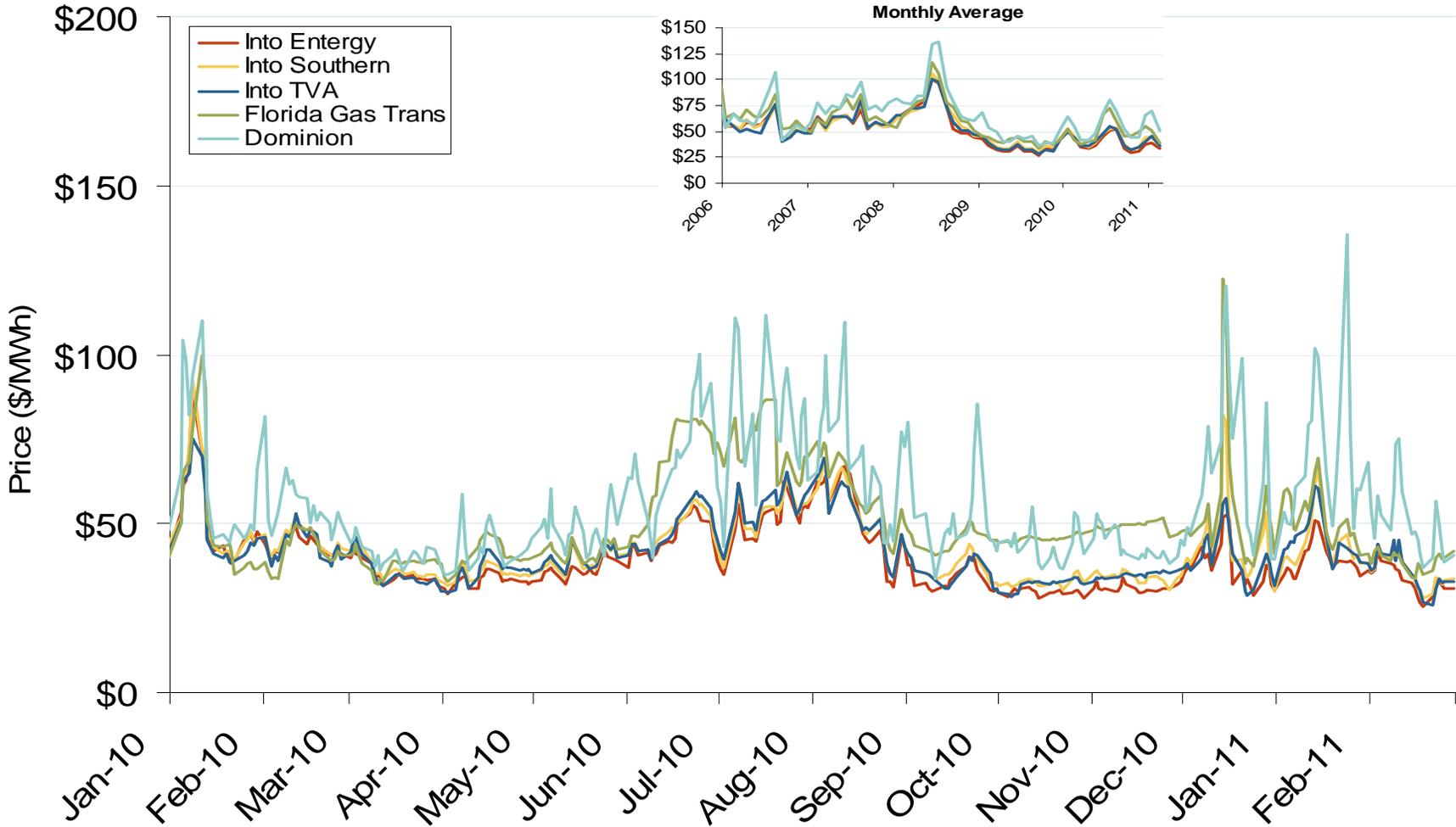
# Eastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: March 08, 2011

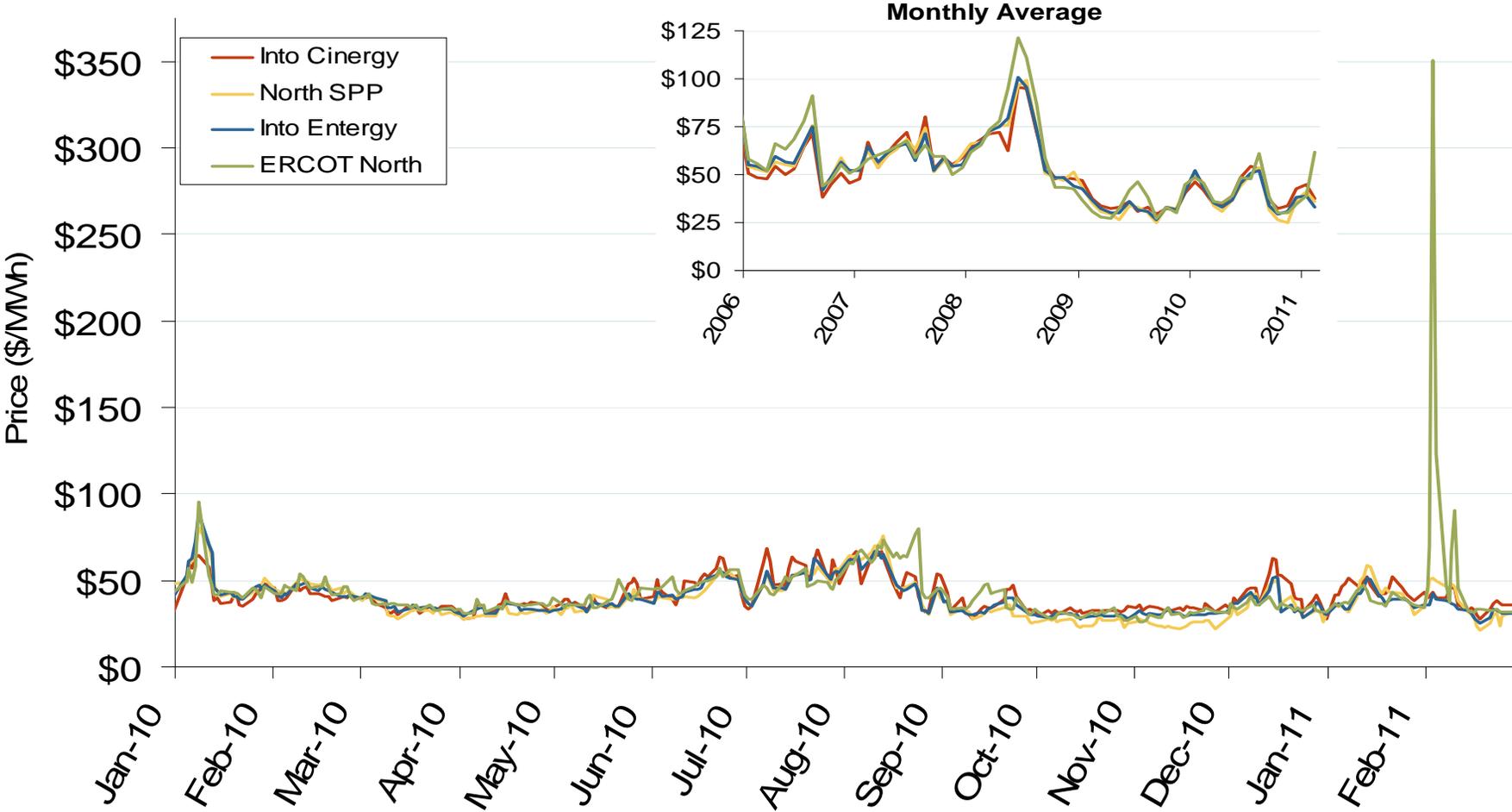
# Southeastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: March 08, 2011

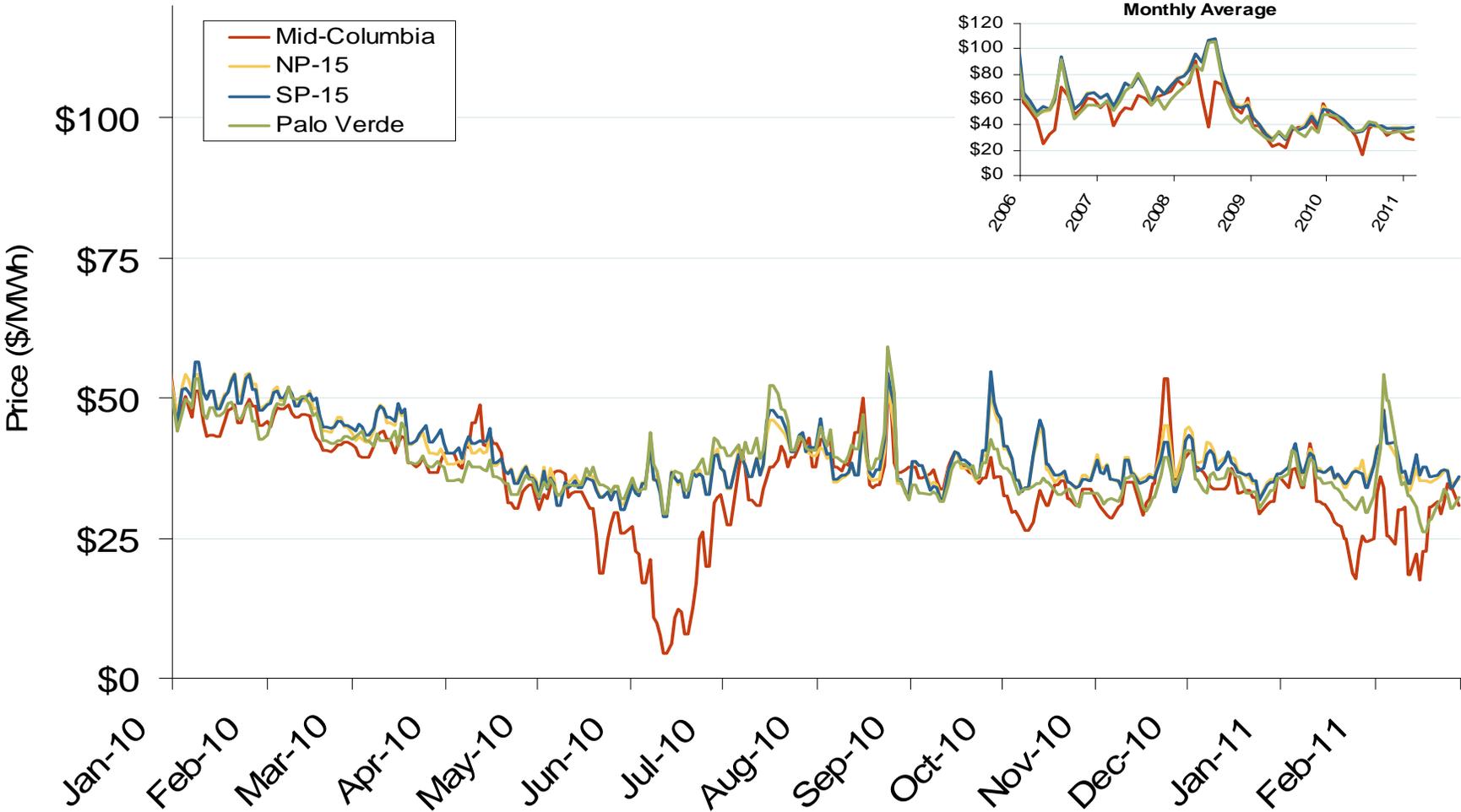
# Central Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: March 08, 2011

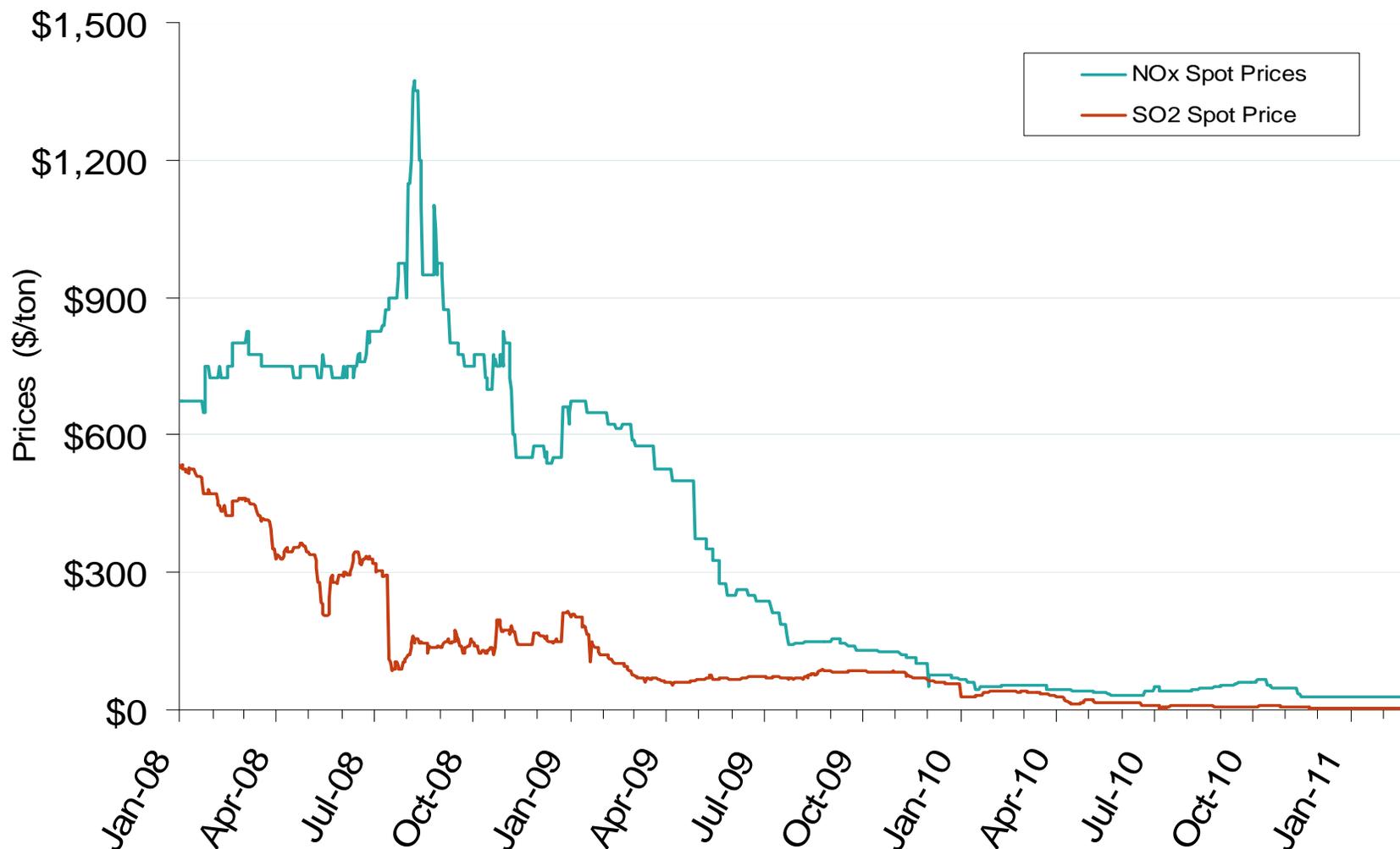
# Western Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated: March 08, 2011

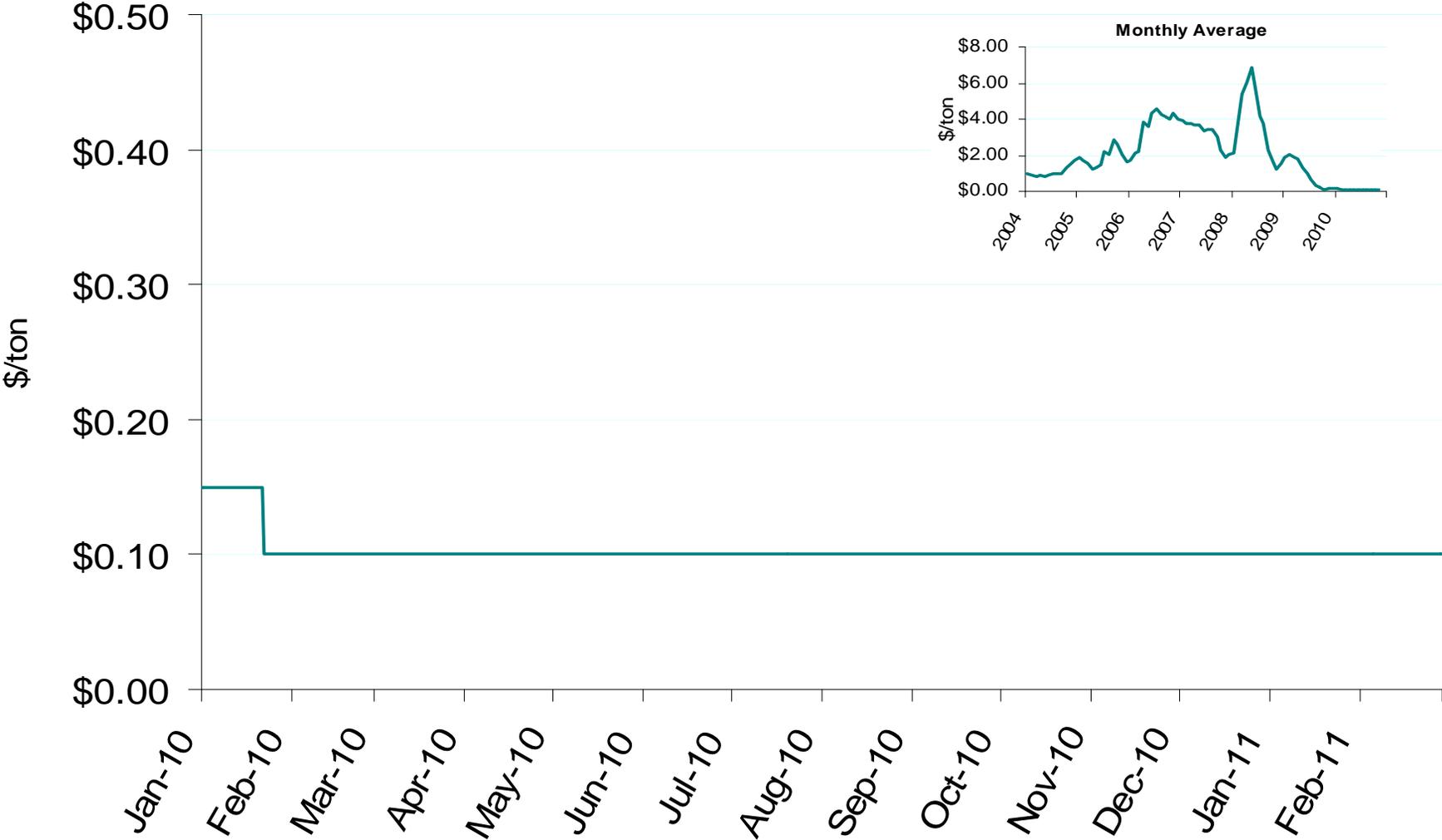
## SO<sub>2</sub> Allowance Spot Prices and NO<sub>x</sub> Seasonal Allowance Spot Prices



Source: Derived from *Bloomberg data*.

Updated: March 07, 2011

# Chicago Climate Exchange CO2 Index



Source: Derived from *Bloomberg data*.  
March 2011 National Snapshot Report

Updated: March 07, 2011