

# OE ENERGY MARKET SNAPSHOT

## Mid Atlantic Version

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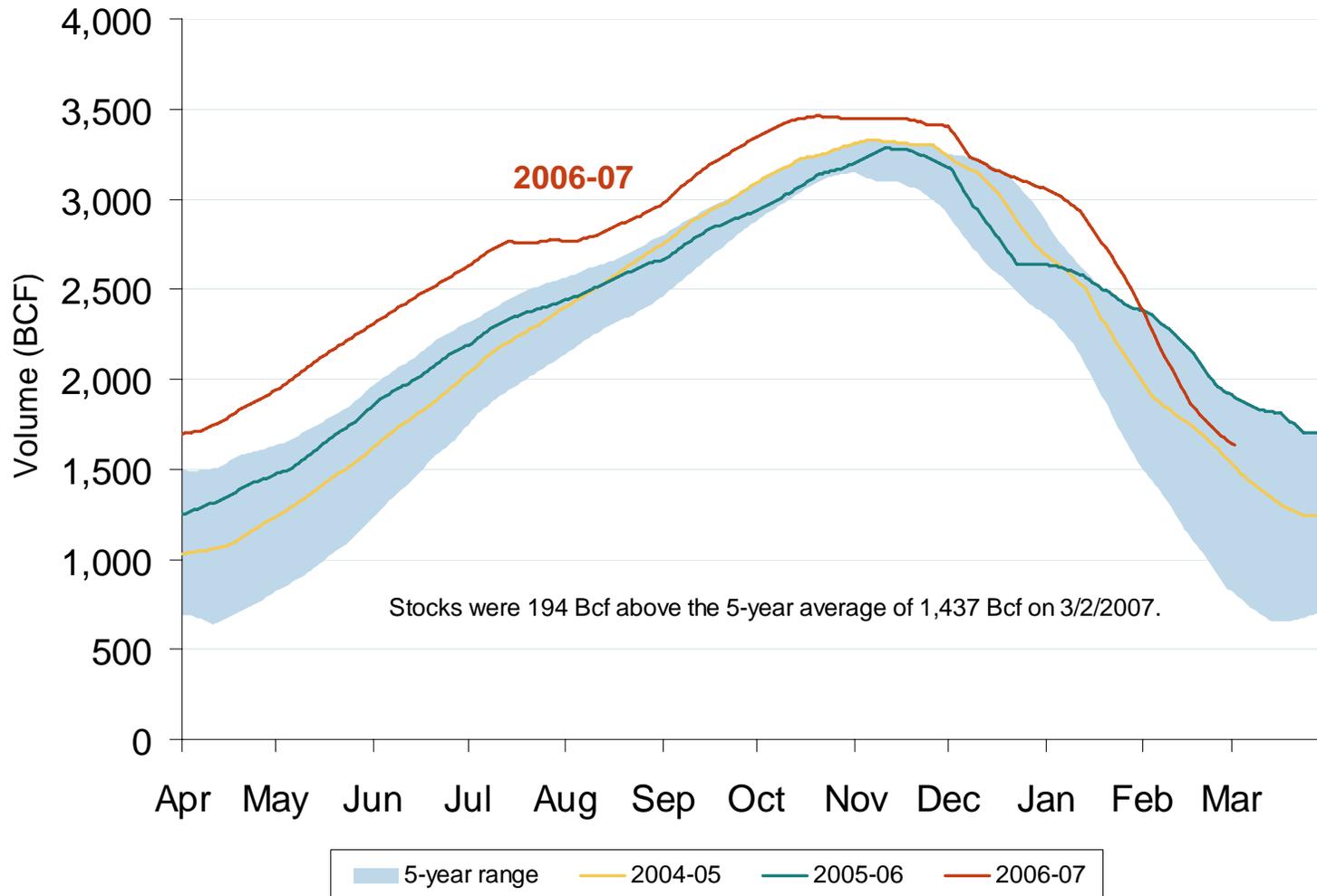
- **Market Fundamentals**
- **Prices and Market Analysis**

Office of Enforcement  
Federal Energy Regulatory Commission  
March 2007



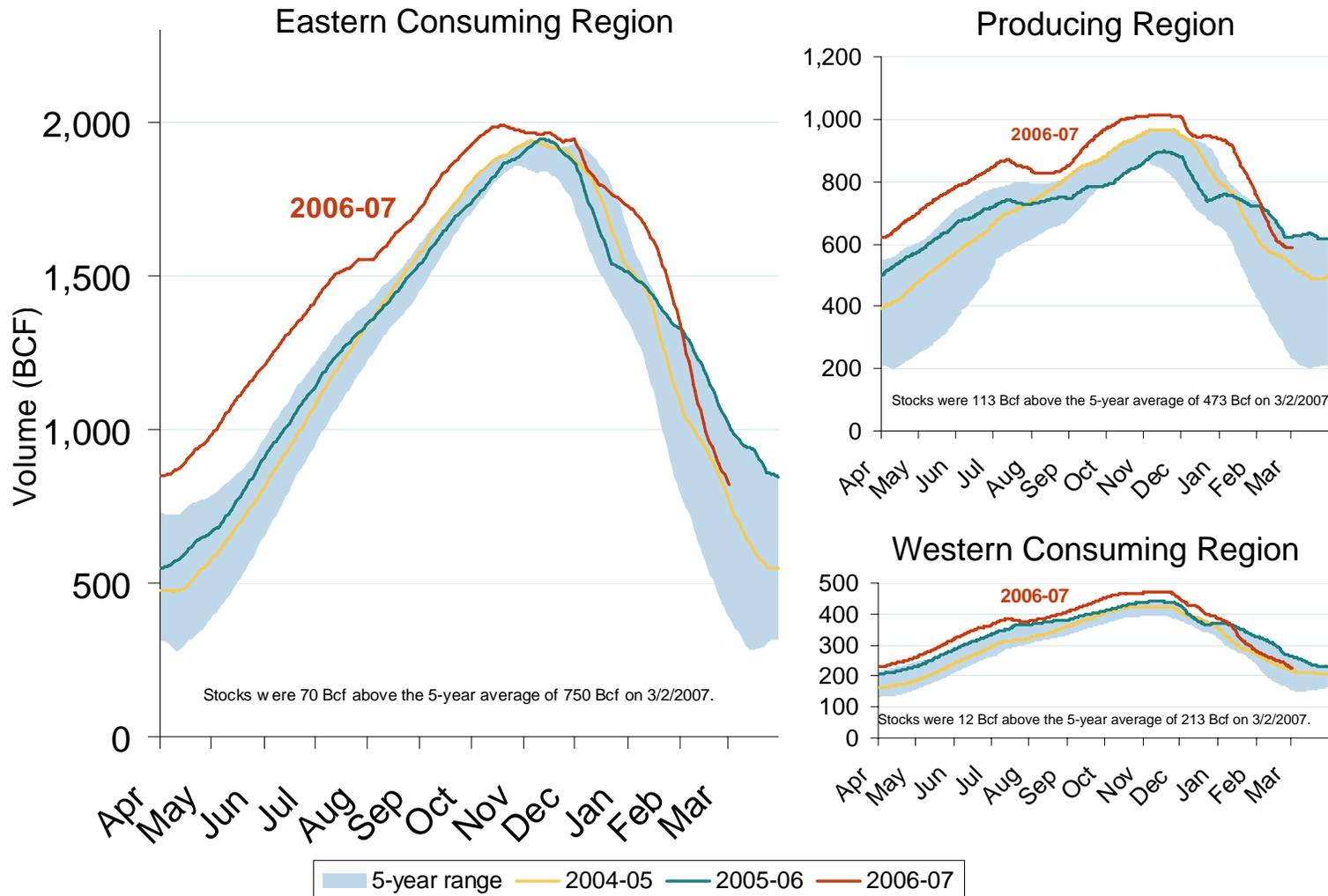
# Market Fundamentals

## Total U.S. Working Gas in Storage



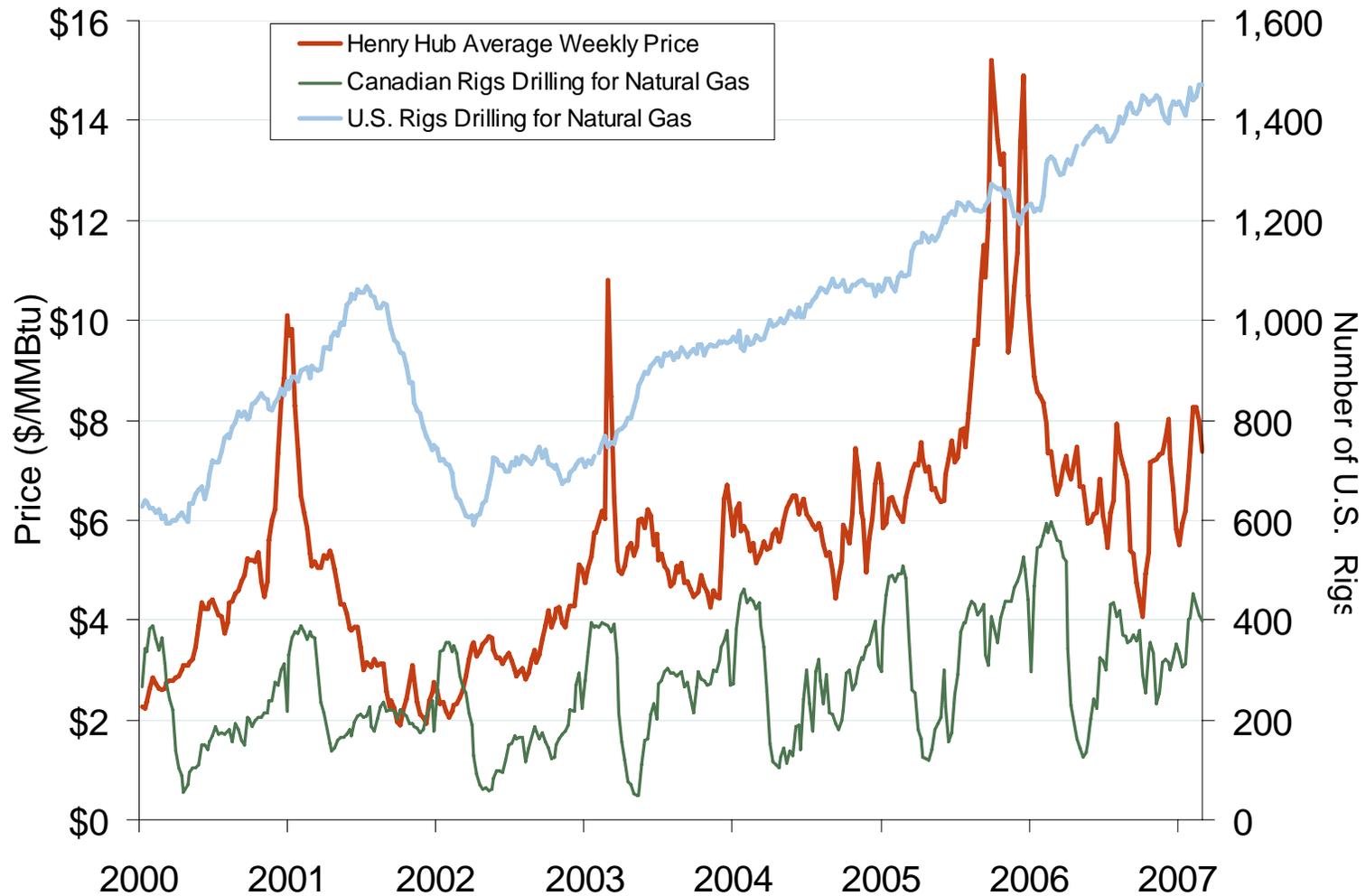
Source: Derived from EIA data.

## Regional Totals of Working Gas in Storage



Source: Derived from EIA data.

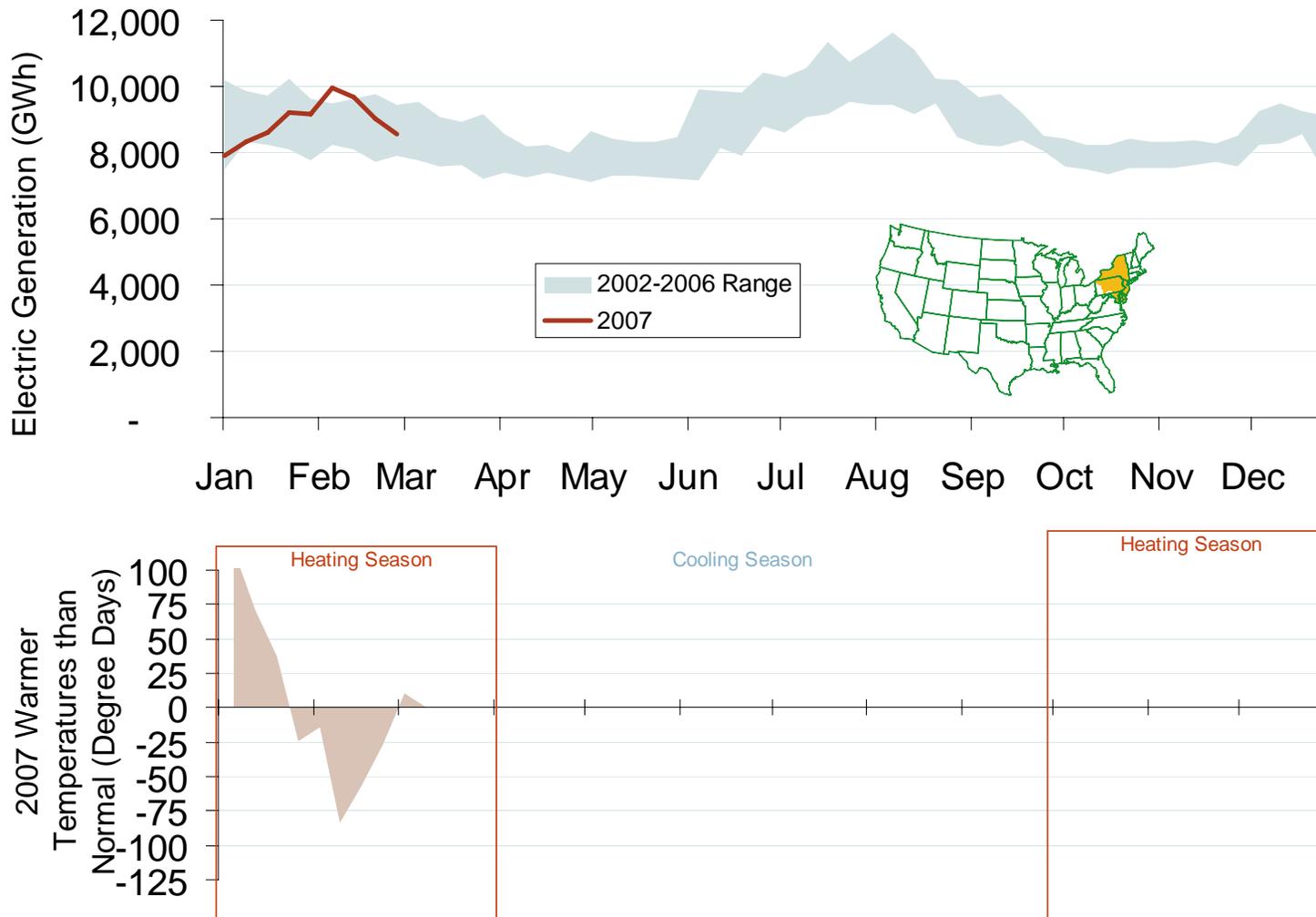
## U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



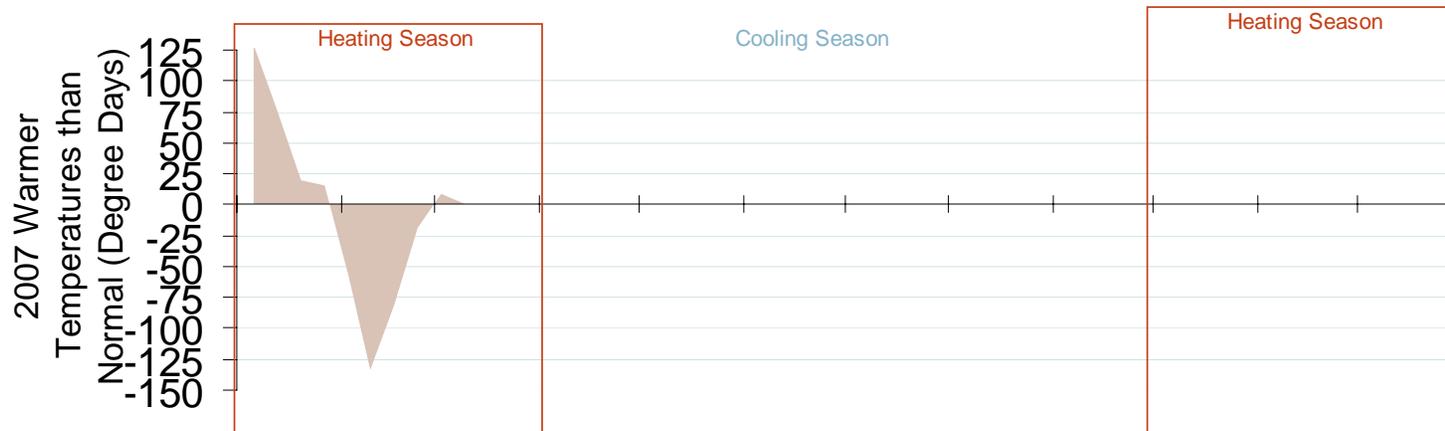
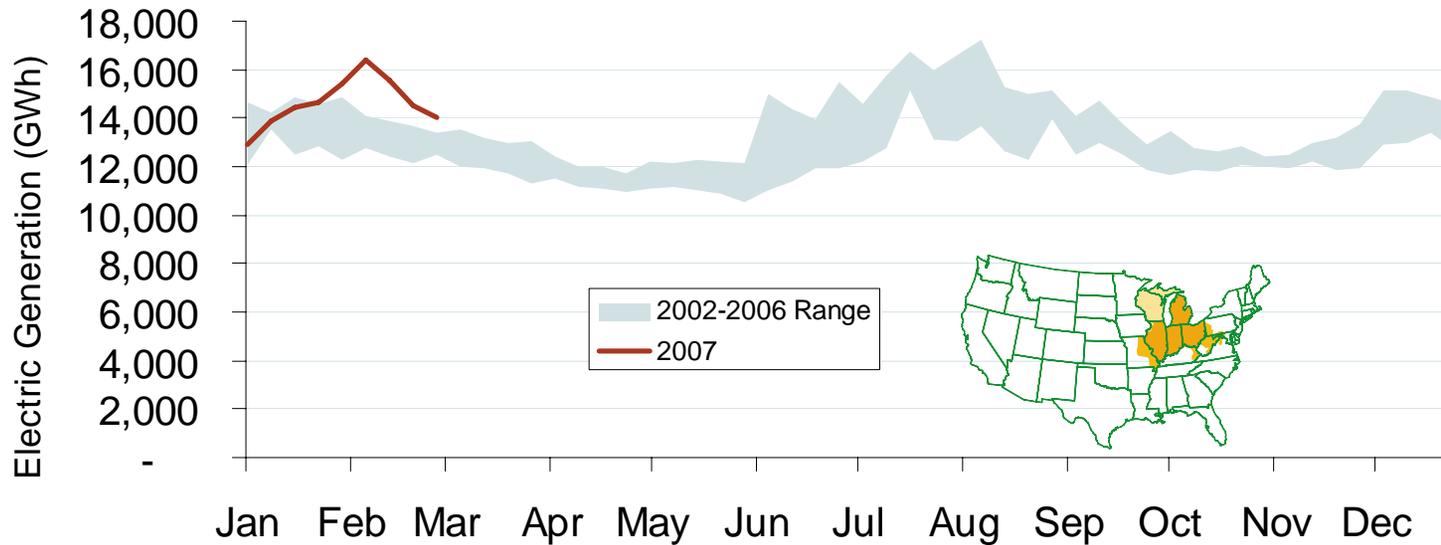
Source: Derived from *Platts* and *Baker Hughes* data.

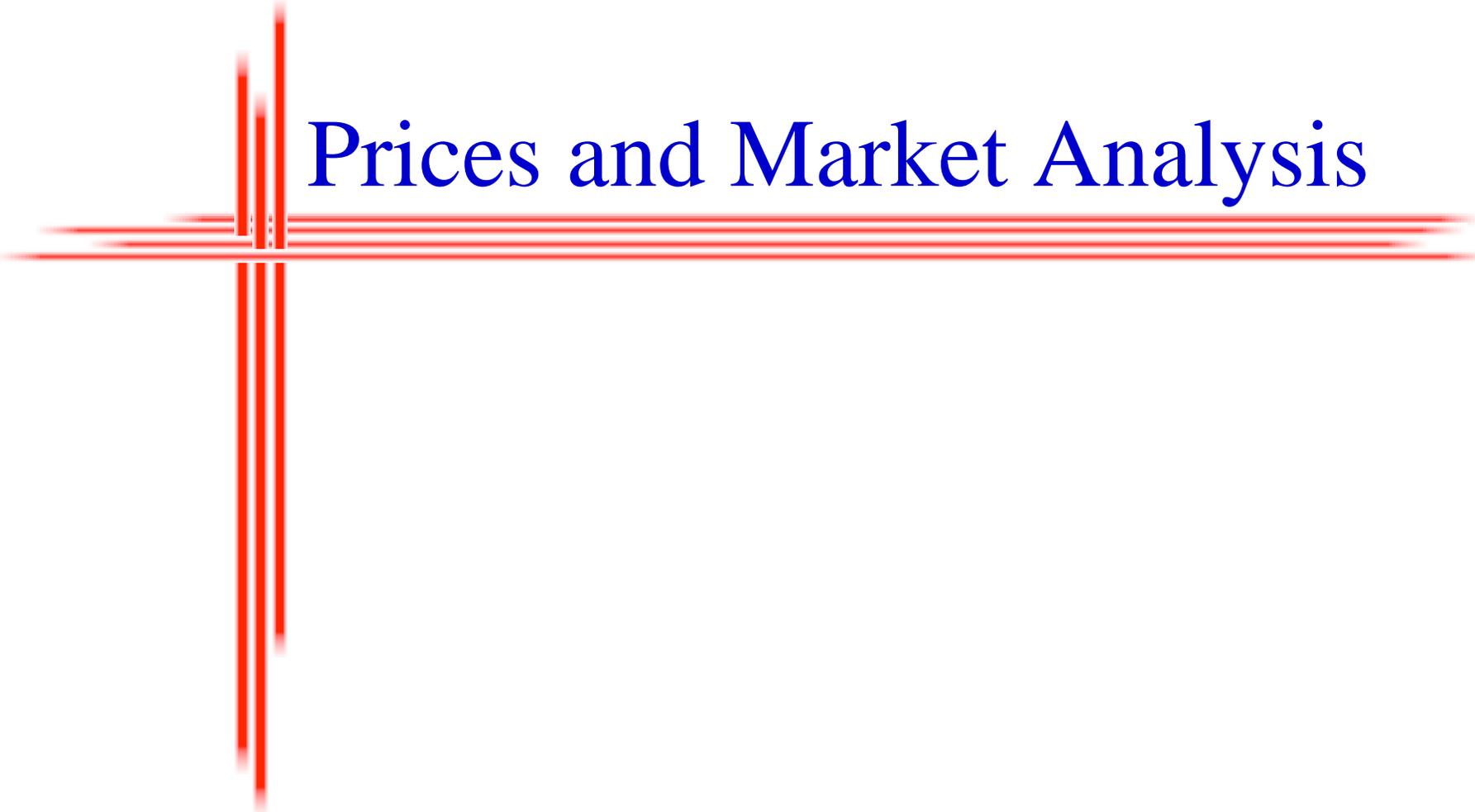
Updated March 6, 2007

# Weekly Electric Generation Output and Temperatures Mid Atlantic Region



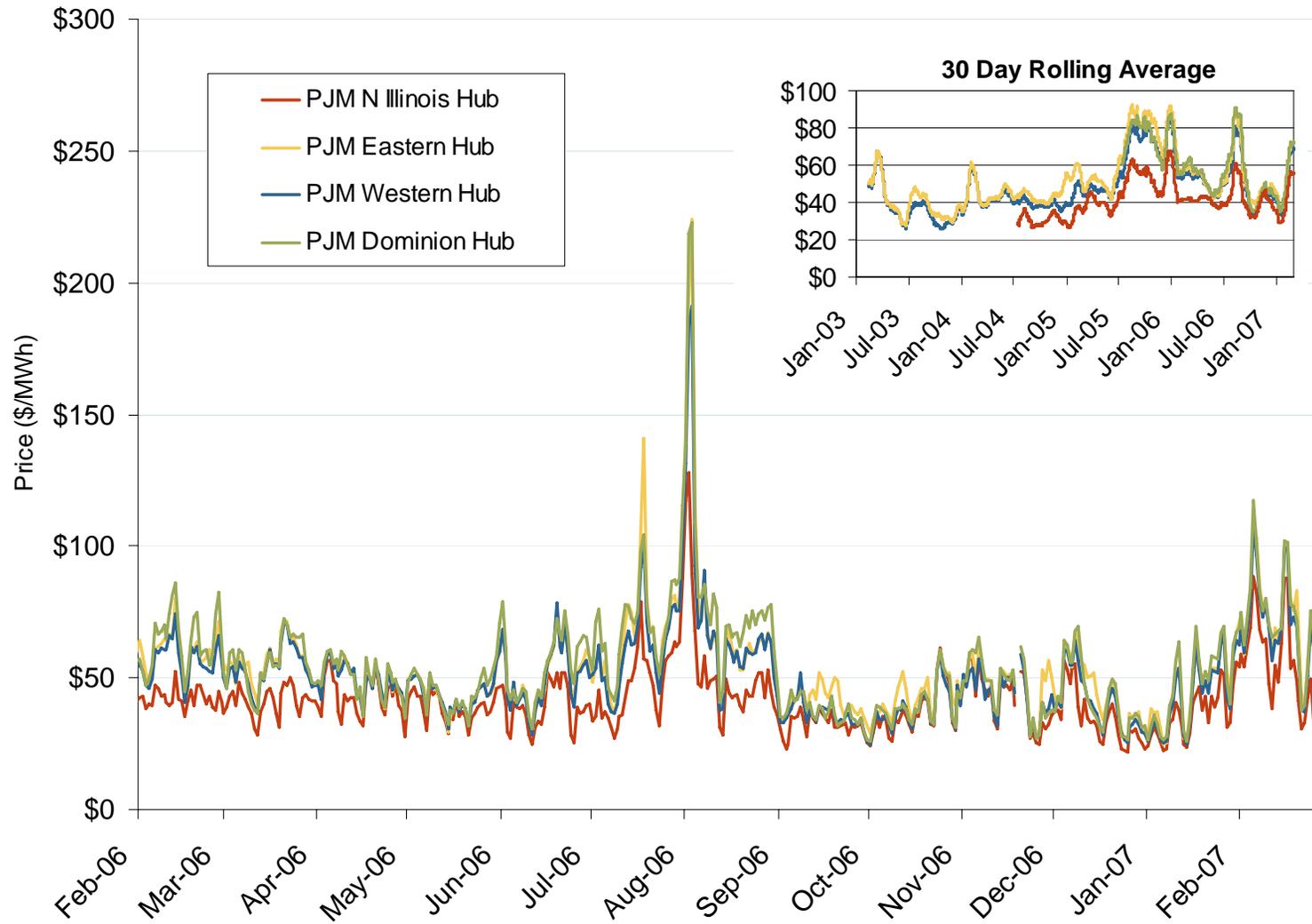
# Weekly Electric Generation Output and Temperatures Central Industrial Region





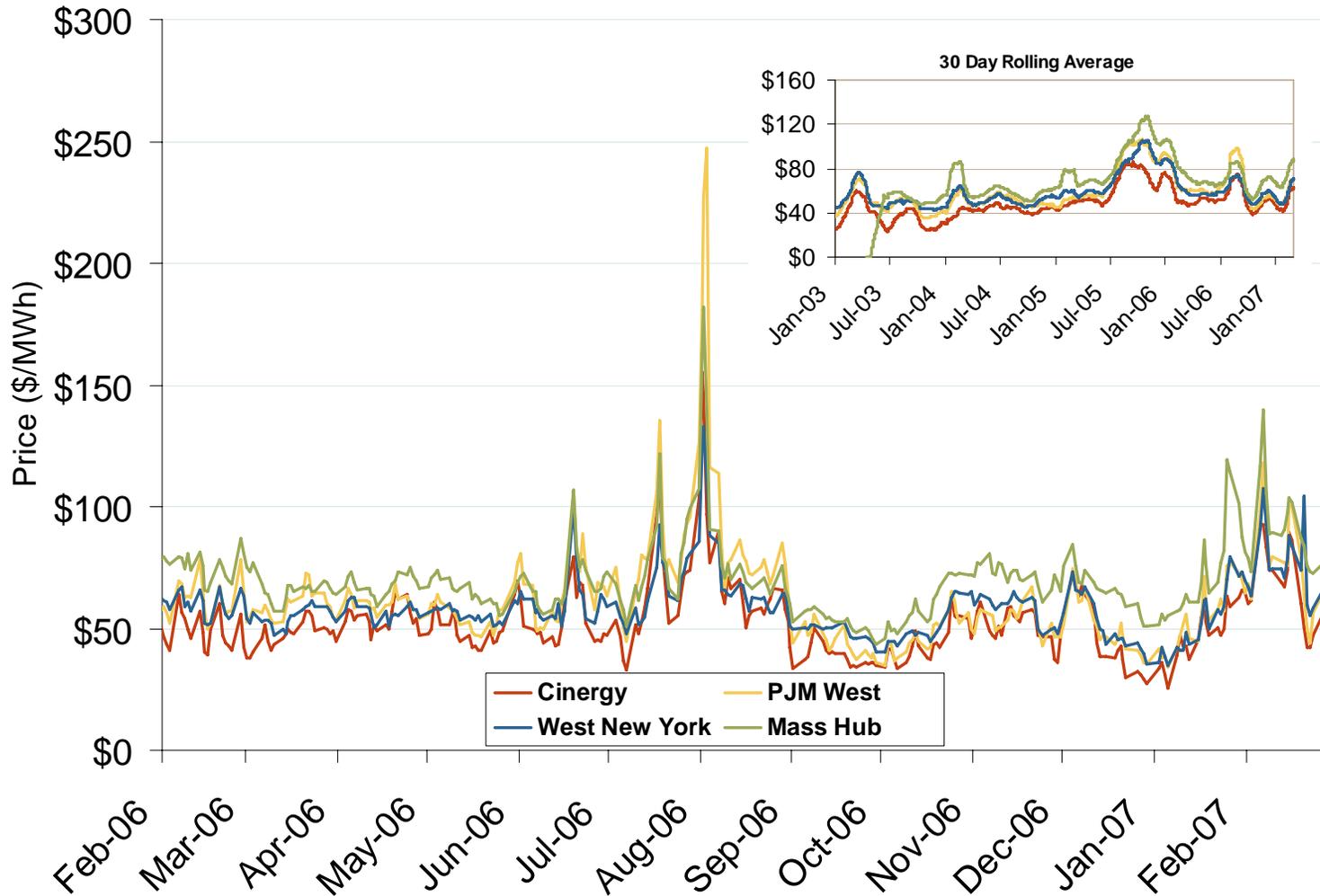
# Prices and Market Analysis

# Daily Average of PJM Day-Ahead Prices - All Hours



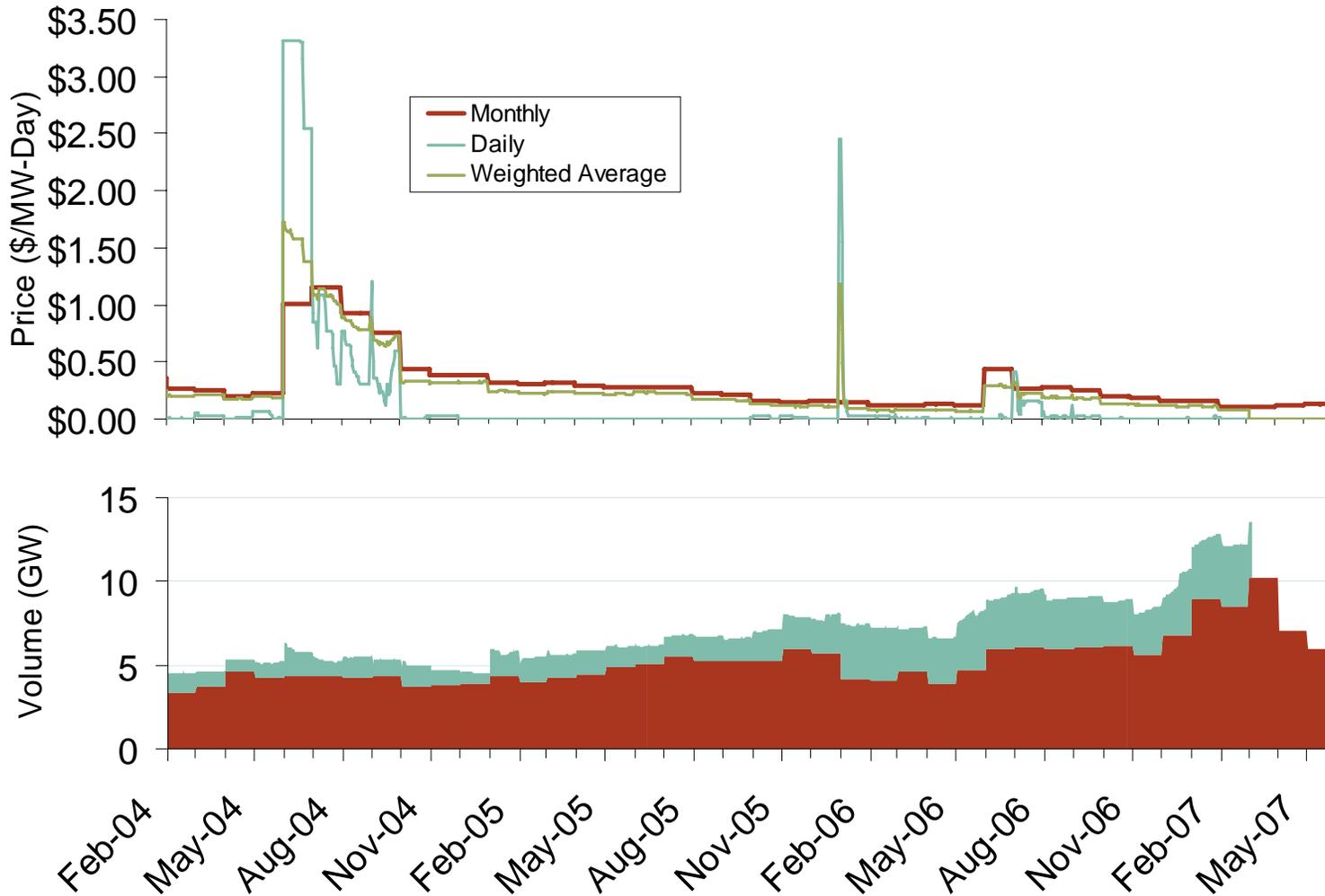
Source: Derived from PJM data.

## Eastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from Platts data.

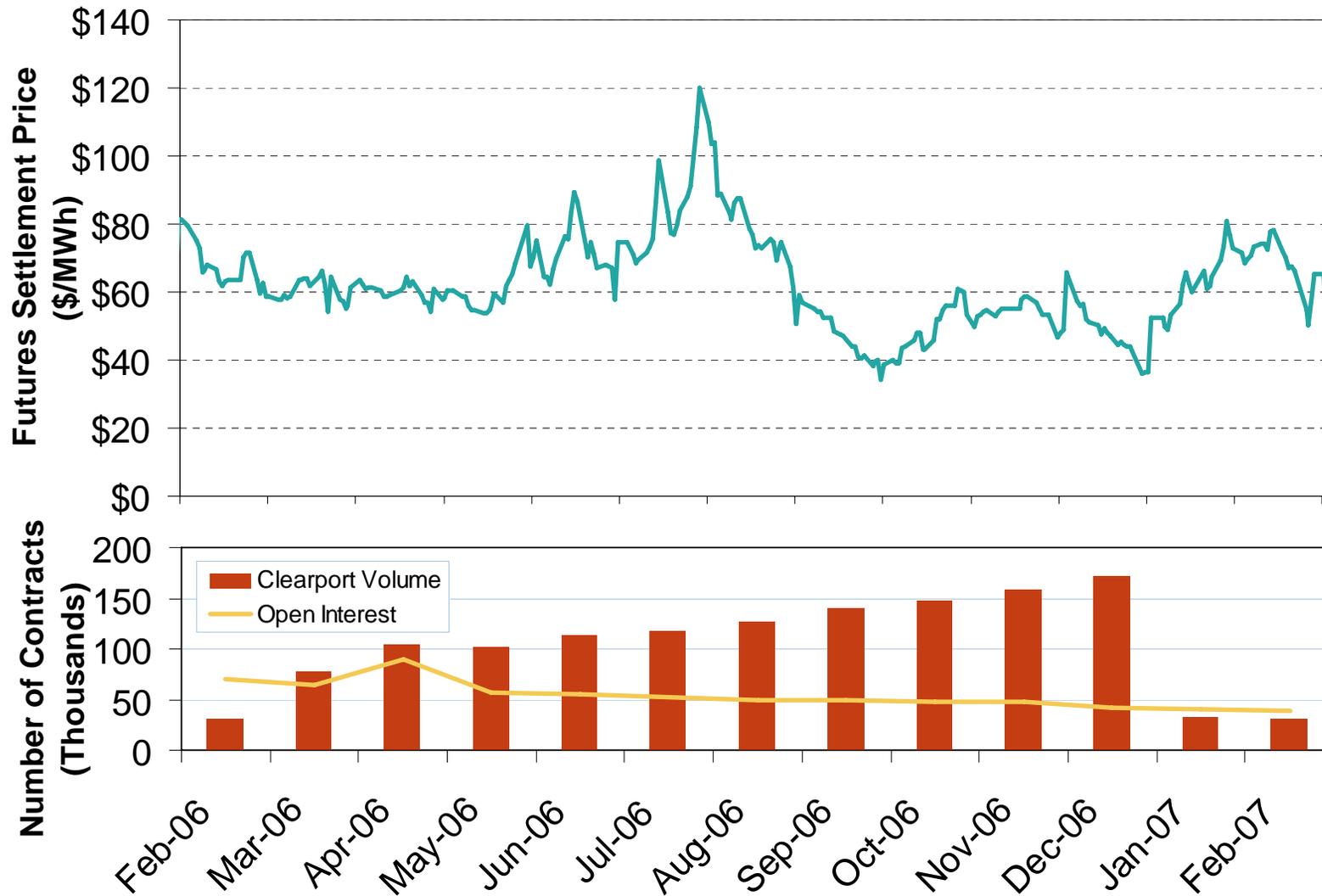
# Weighted Average ICAP Clearing Prices and Volumes



Source: Derived from PJM data.

Updated March 6, 2007

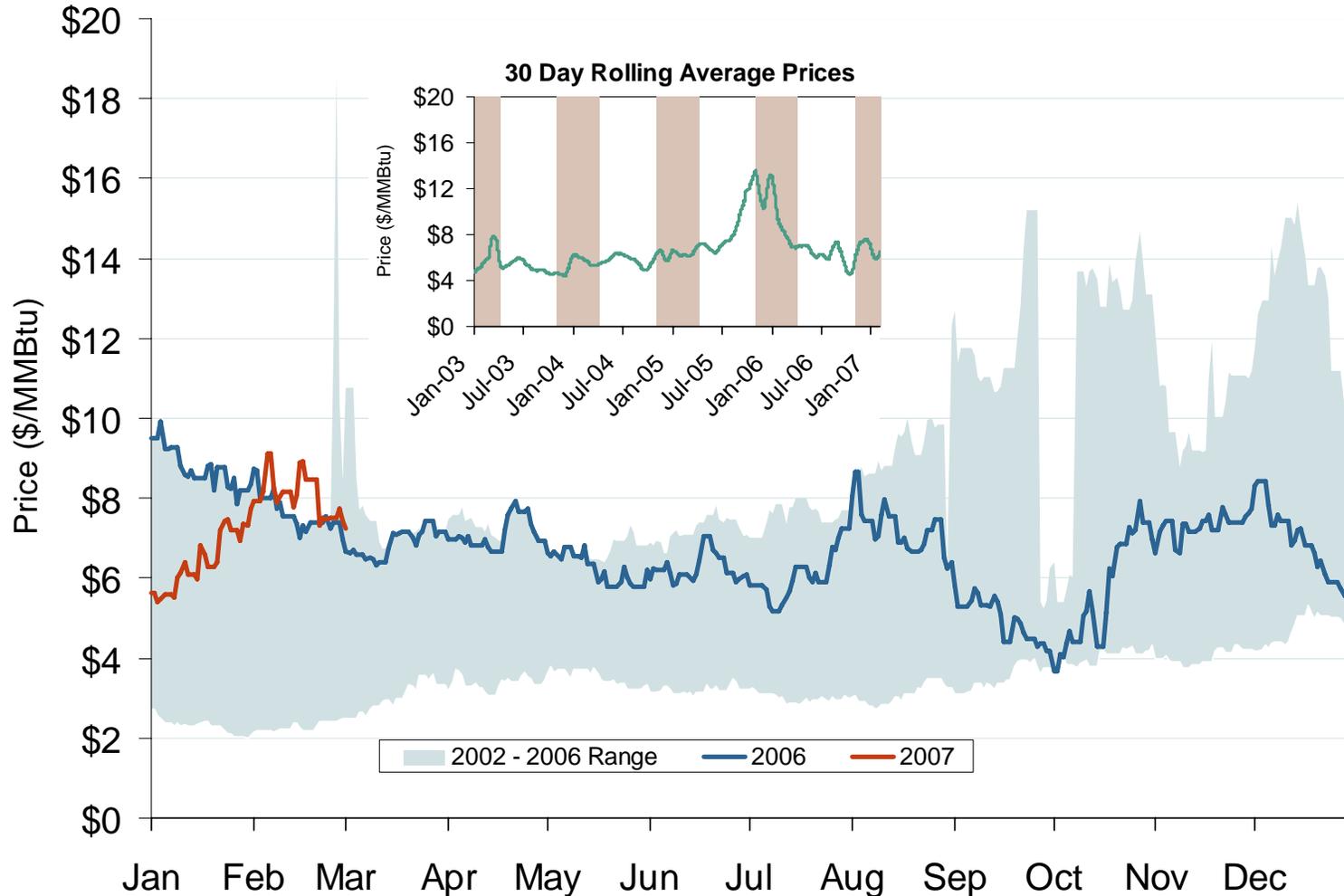
## Daily Settlement Price, Monthly Volume and Open Interest



Source: Derived from Nymex data.

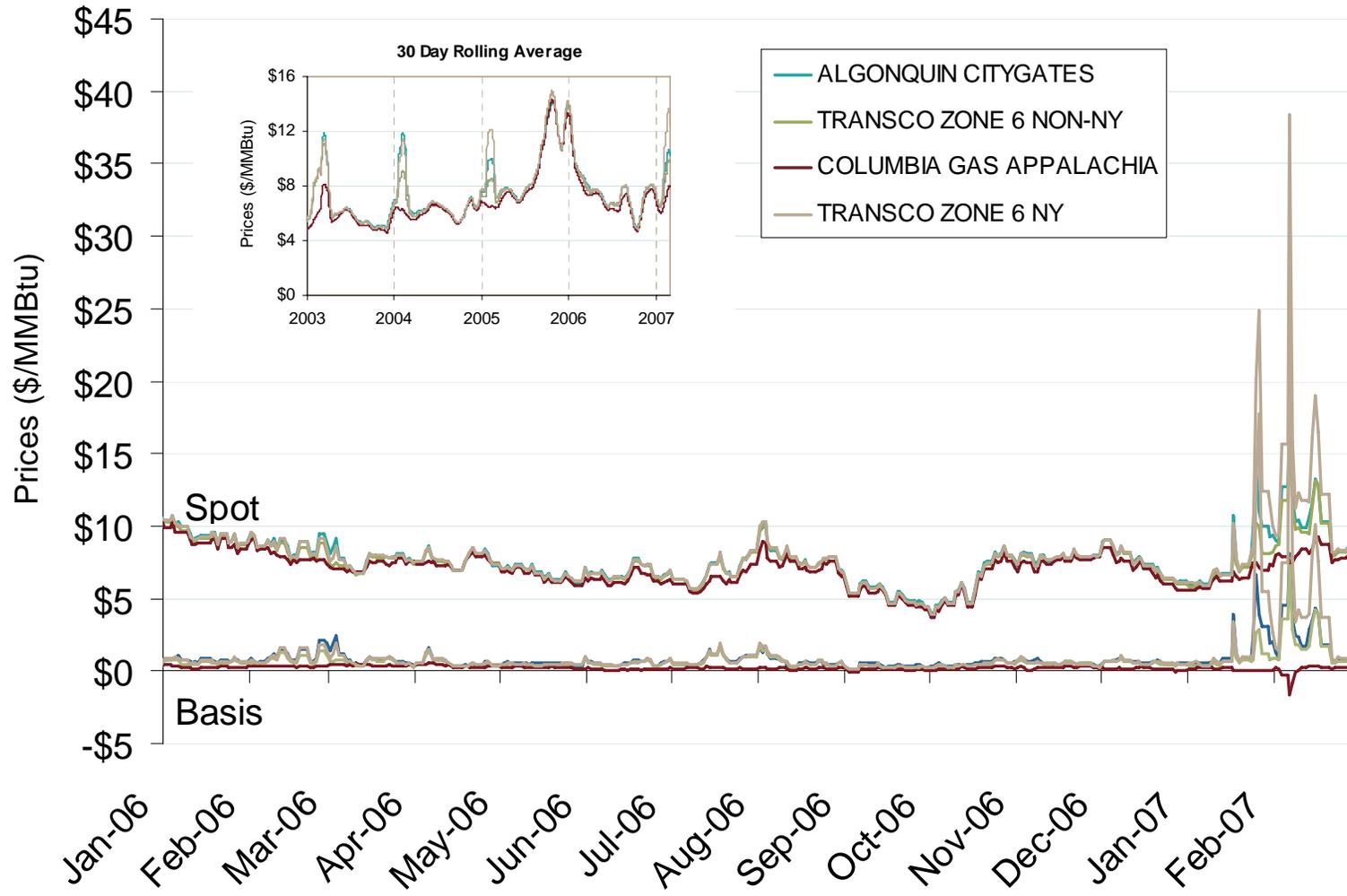
Updated March 6, 2007

## Henry Hub Natural Gas Daily Spot Prices 2006, 2007 and 2002-2006 Year Range



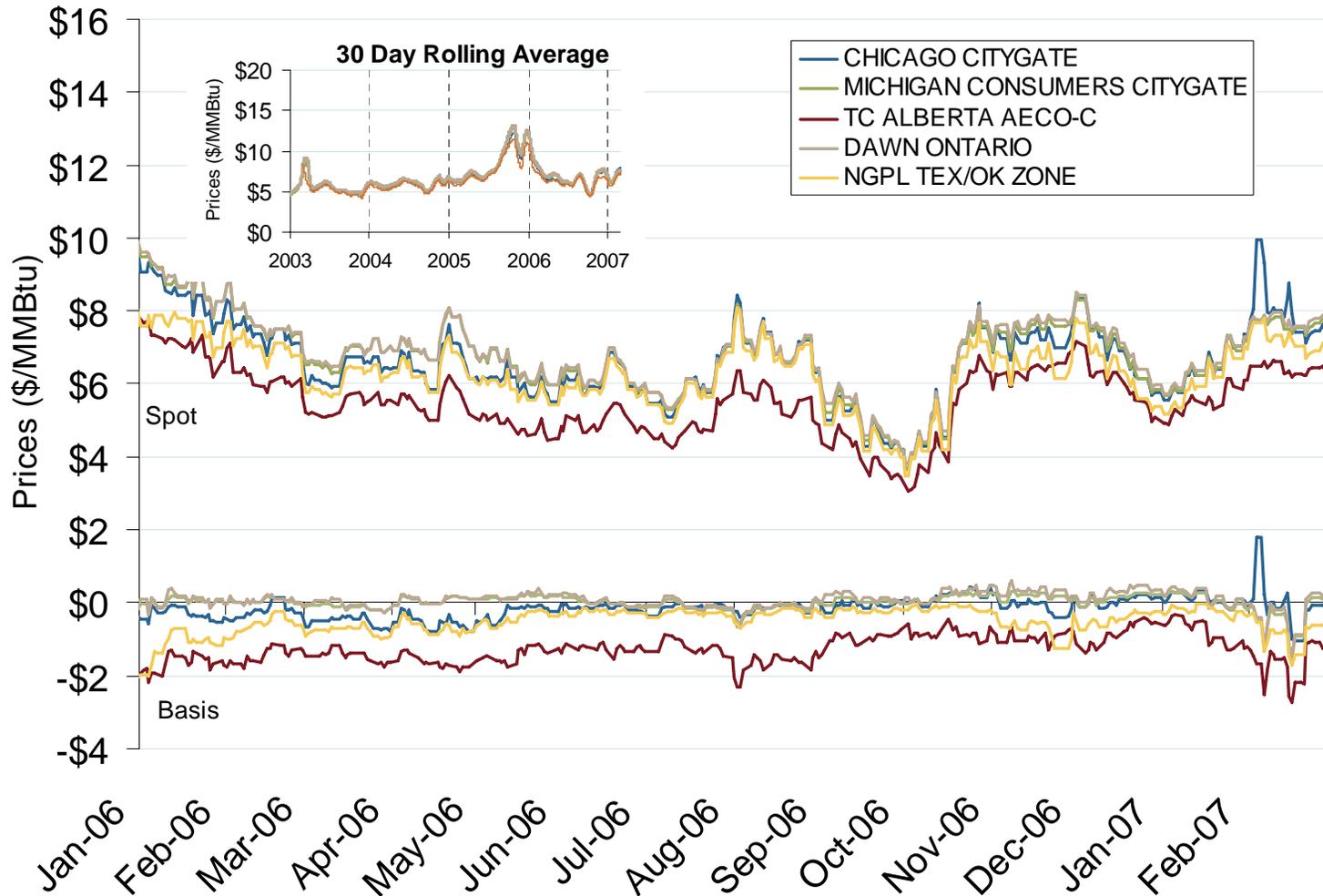
Source: Derived from *Platts* data.

# Northeastern Day-ahead Hub Spot Prices and Basis



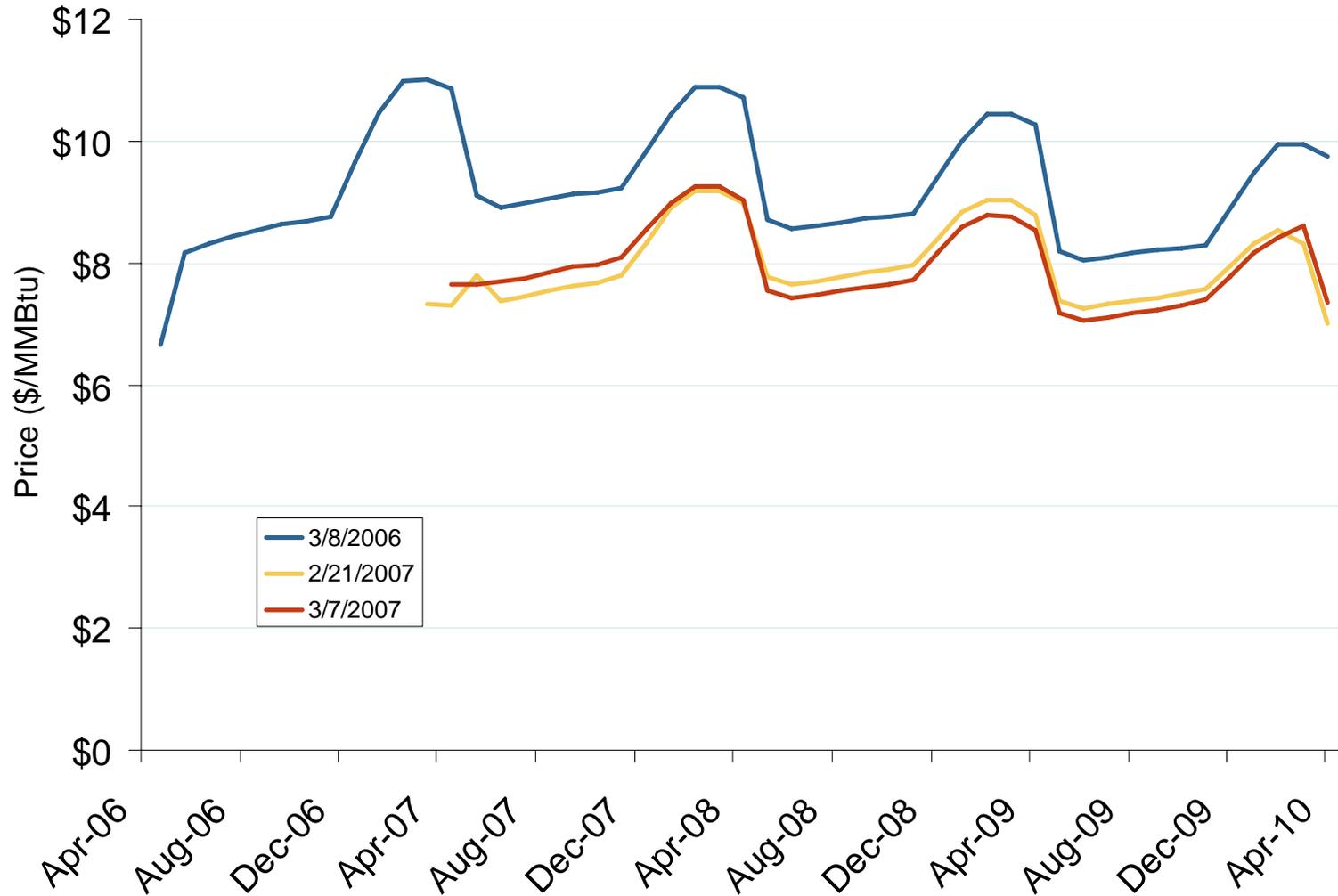
Source: Derived from Platts data.

## Midwestern Day-Ahead Hub Spot Prices and Basis



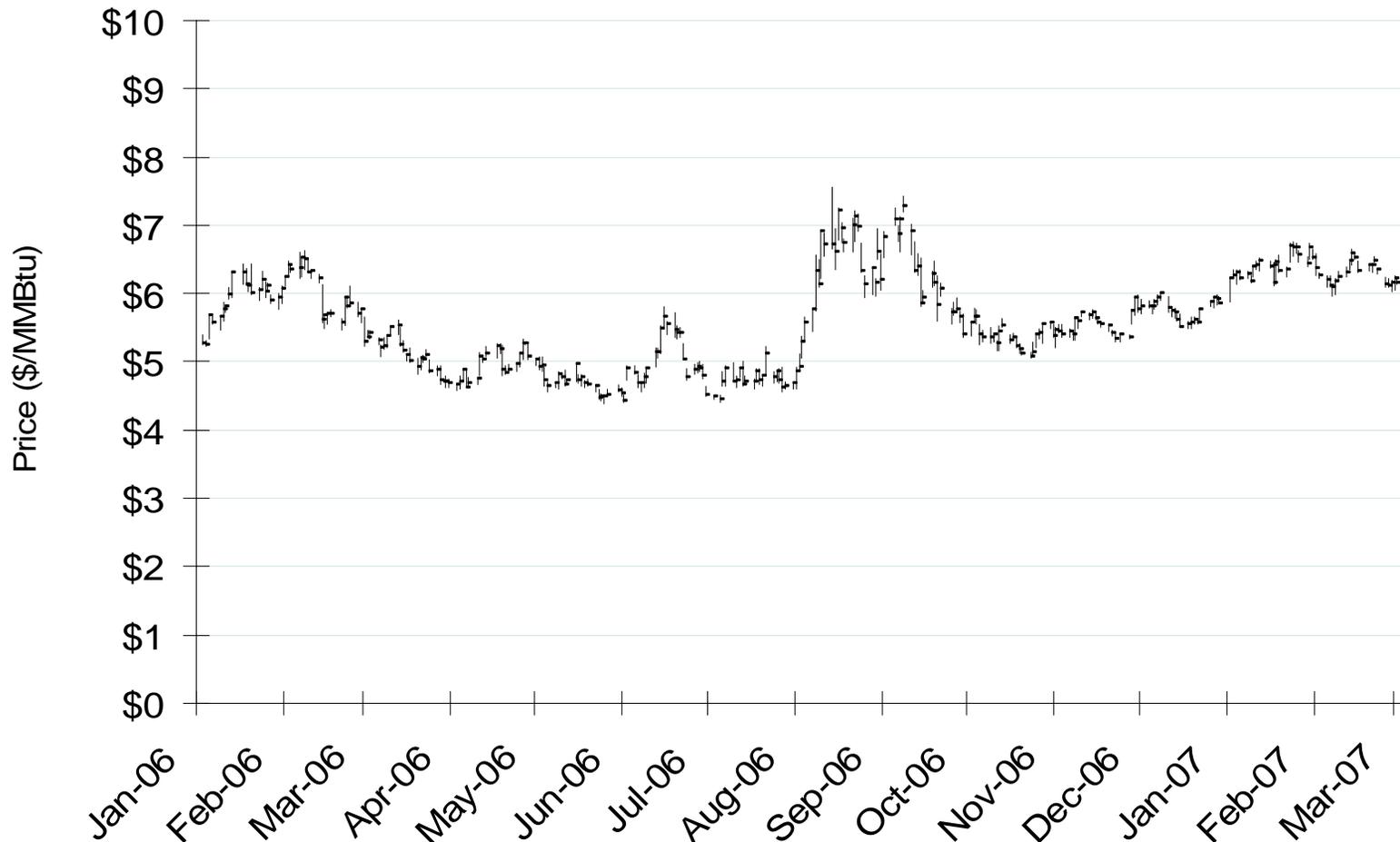
Source: Derived from *Platts* data.

## NYMEX Natural Gas Forward Price Curve



Source: Derived from NYMEX data.

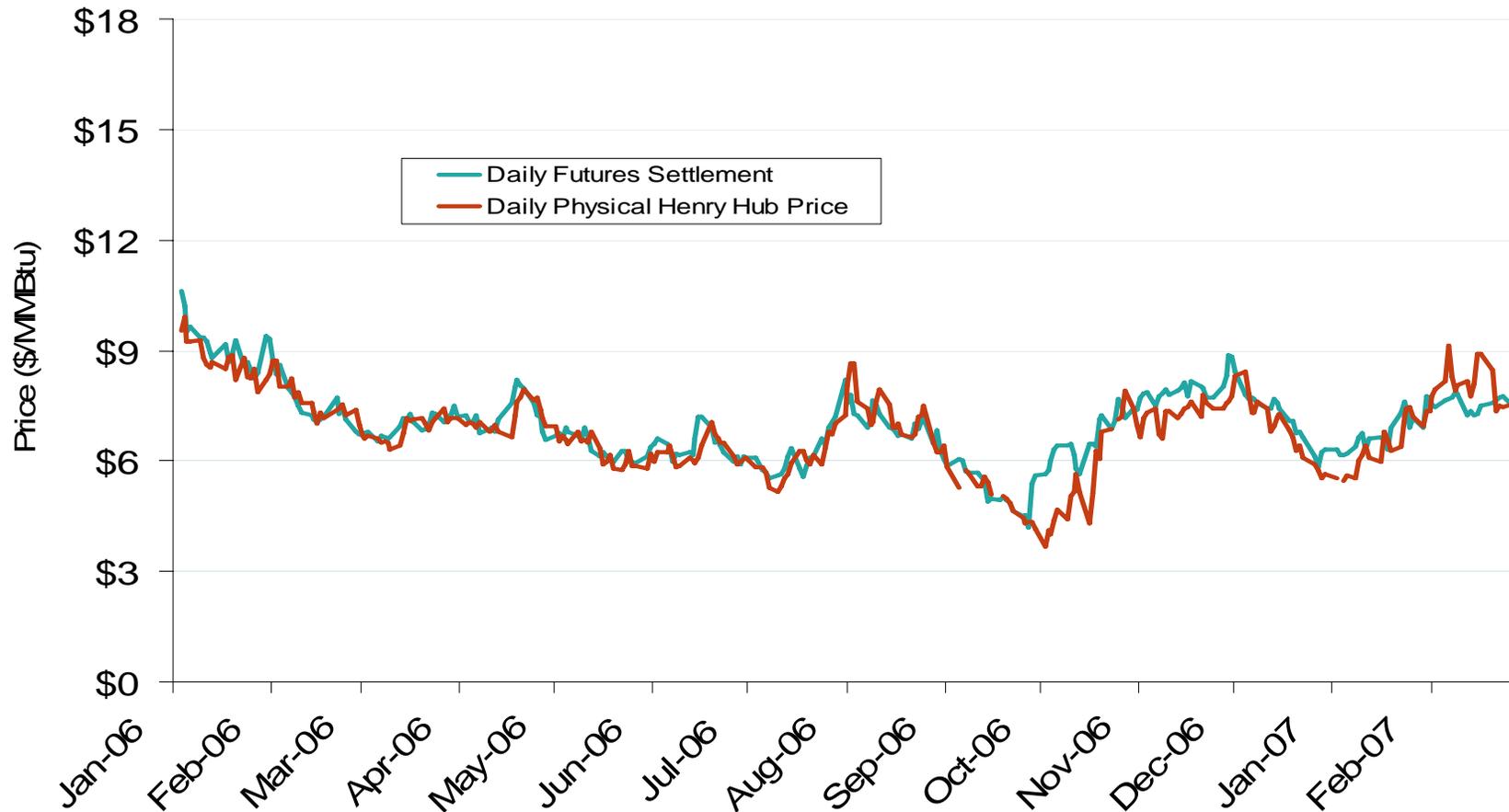
## NYMEX Natural Gas Futures Prompt Month Daily Settlement Price and Price Range



Source: Derived from NYMEX data.

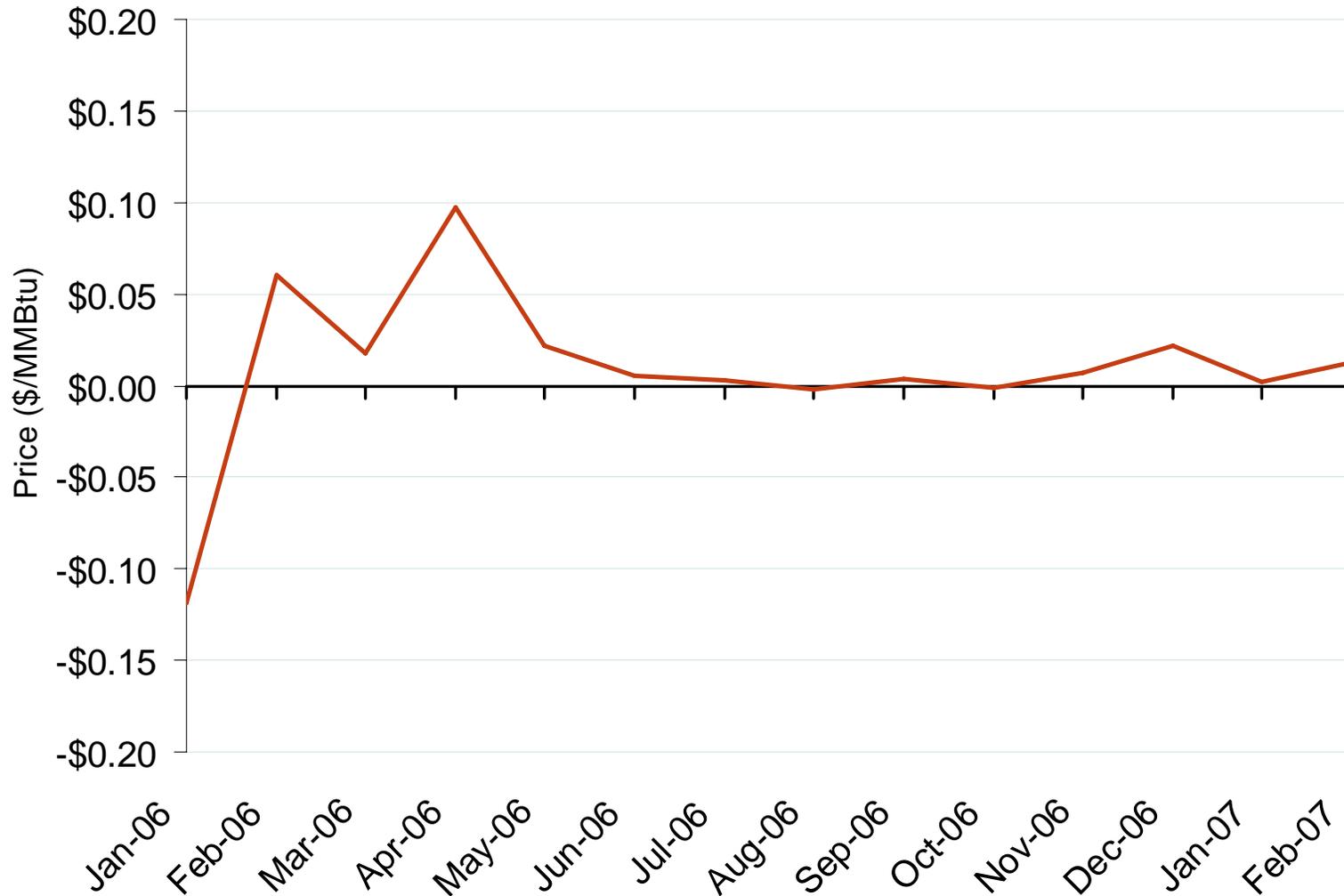
Updated March 8, 2007

## Daily Physical Index Price and Daily Futures Settlement Price



Source: Derived from *Platts* and *Bloomberg* data.

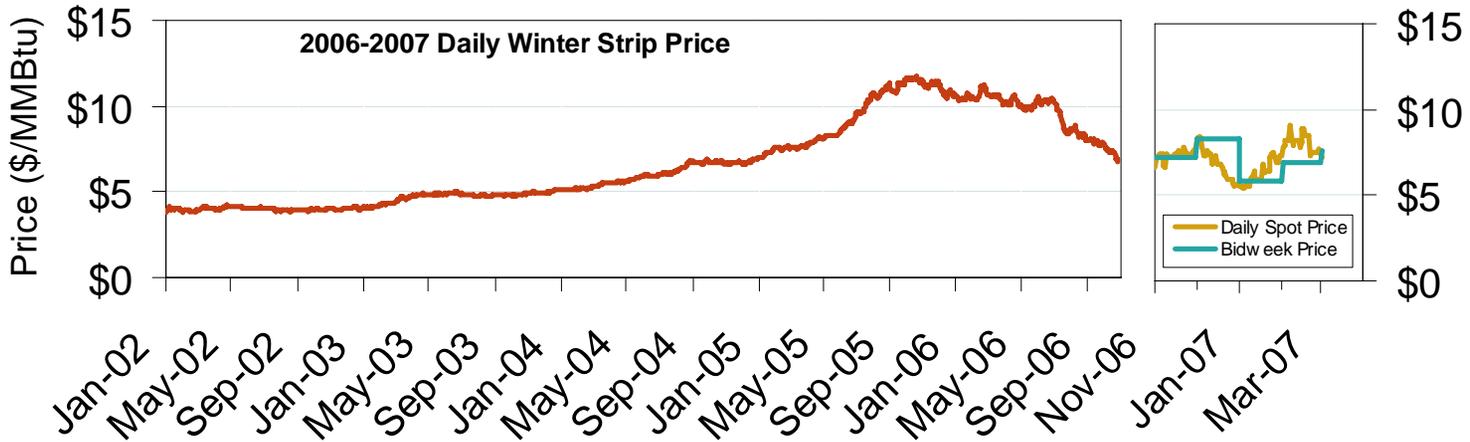
## Deviation Between Monthly Physical Index and Monthly Futures Expiration Price at Henry Hub



Source: Derived from *Platts* and *Bloomberg* data.

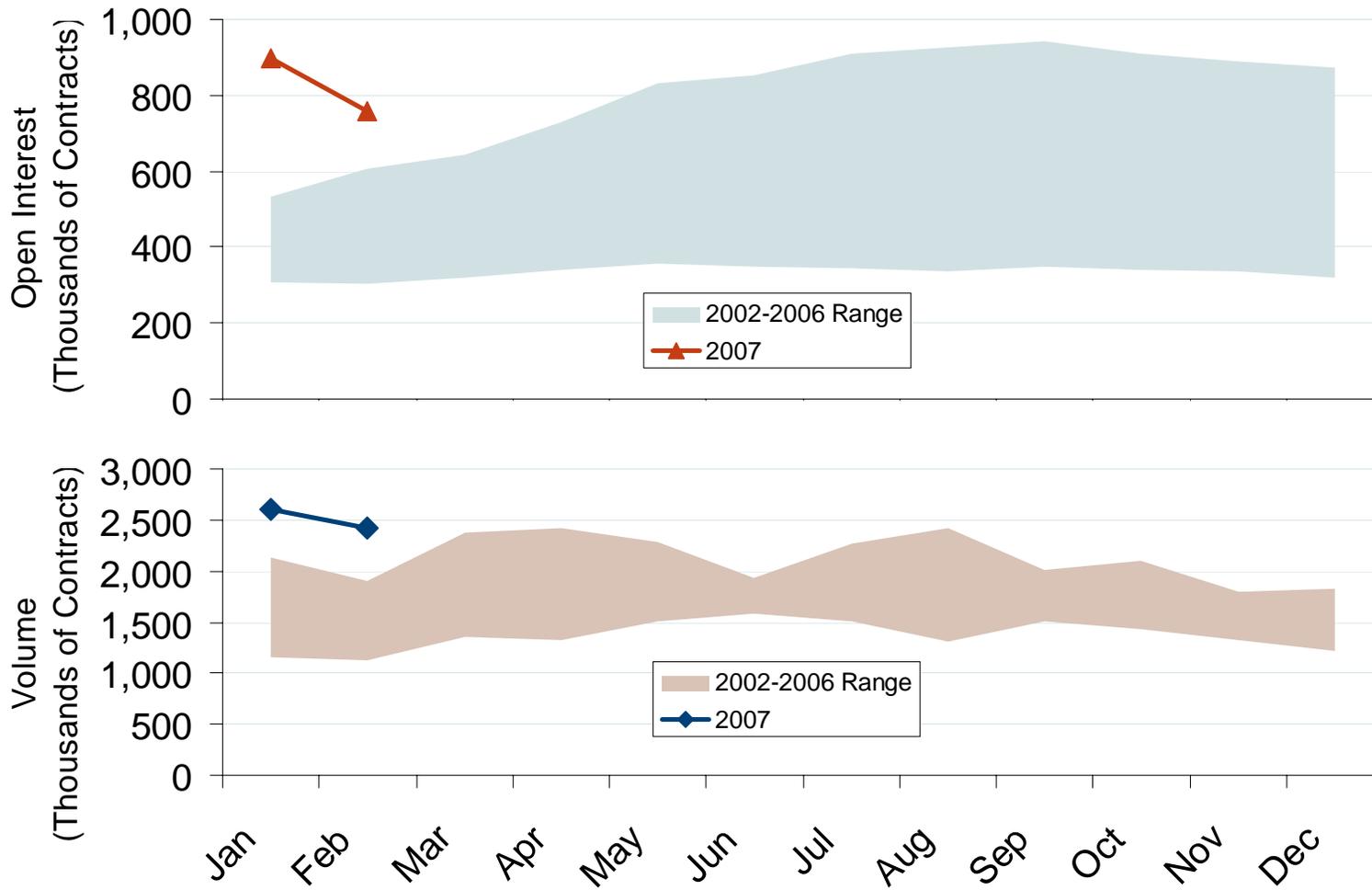
Updated March 8, 2007

## Natural Gas Winter Futures Strip and Daily Henry Hub Spot and Bidweek Prices



Source: Derived from *Platts* and *Nymex* data.

## NYMEX Natural Gas Futures Month-End Open Interest and Total Monthly Volume



Source: Derived from NYMEX data.

Updated March 7, 2007

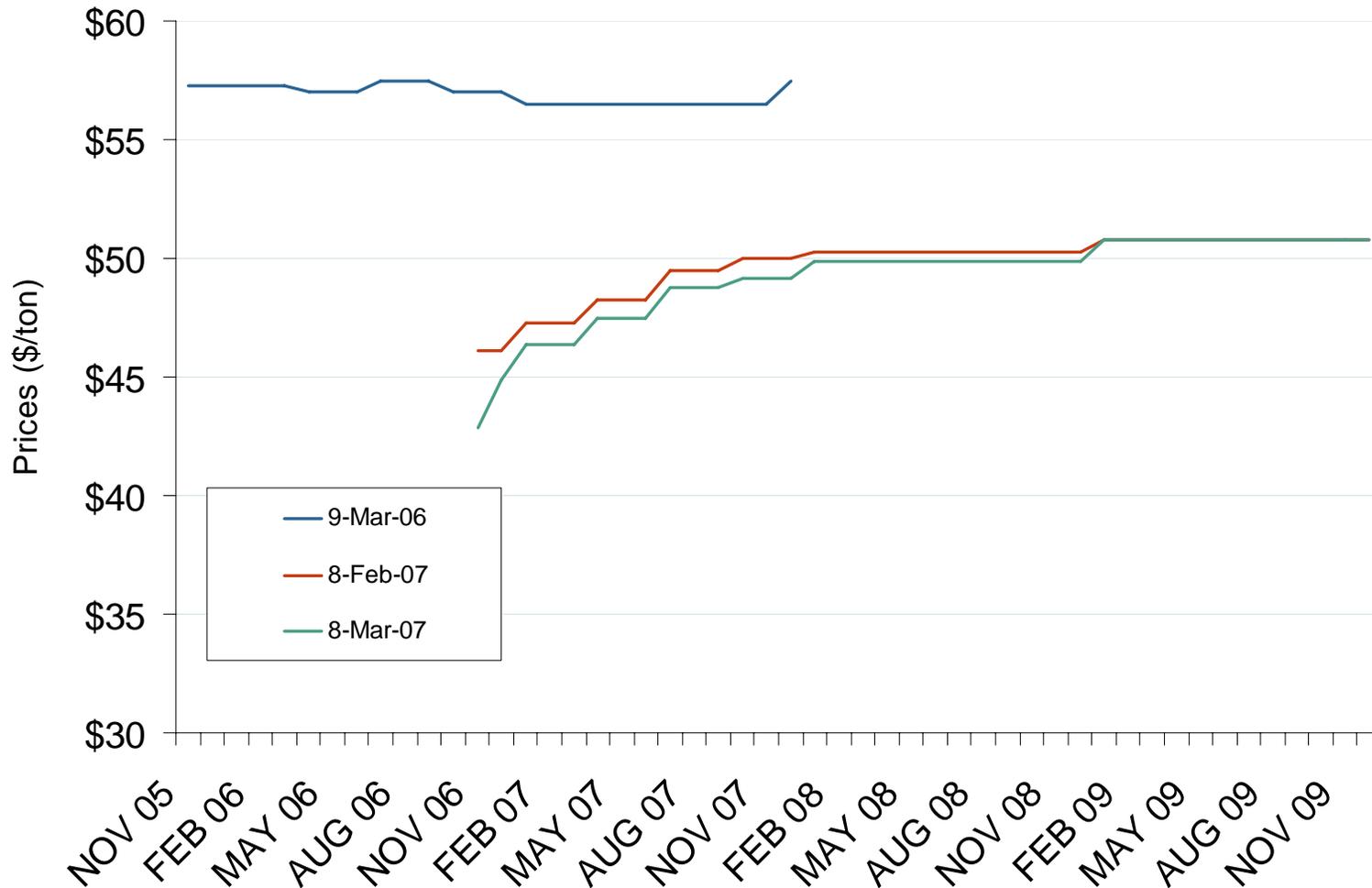
# Central Appalachian and Powder River Basin Coal Prices



Source: Derived from Bloomberg data.

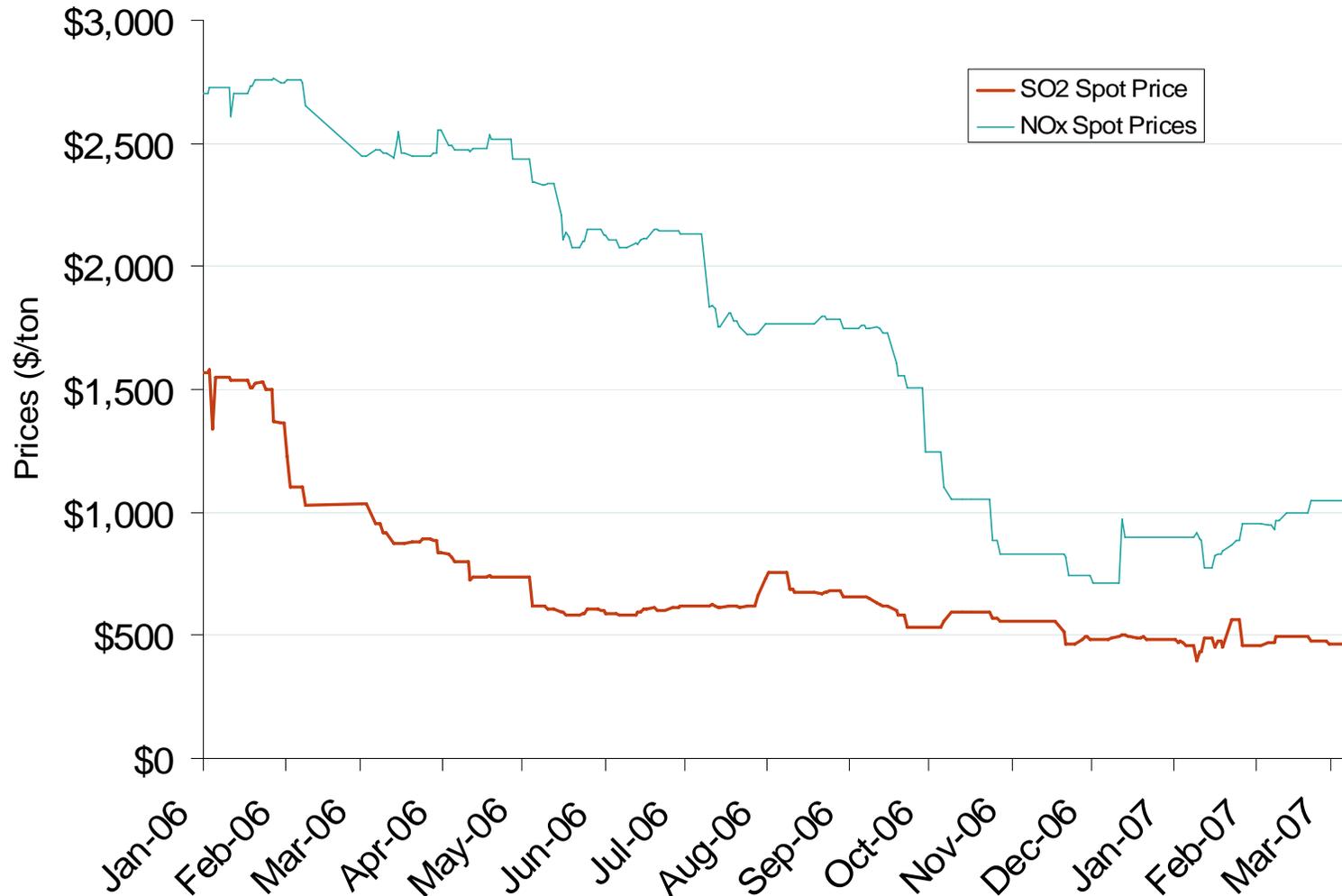
Updated March 9, 2007

## Central Appalachian Coal Futures Prices



Source: Derived from Nymex data.

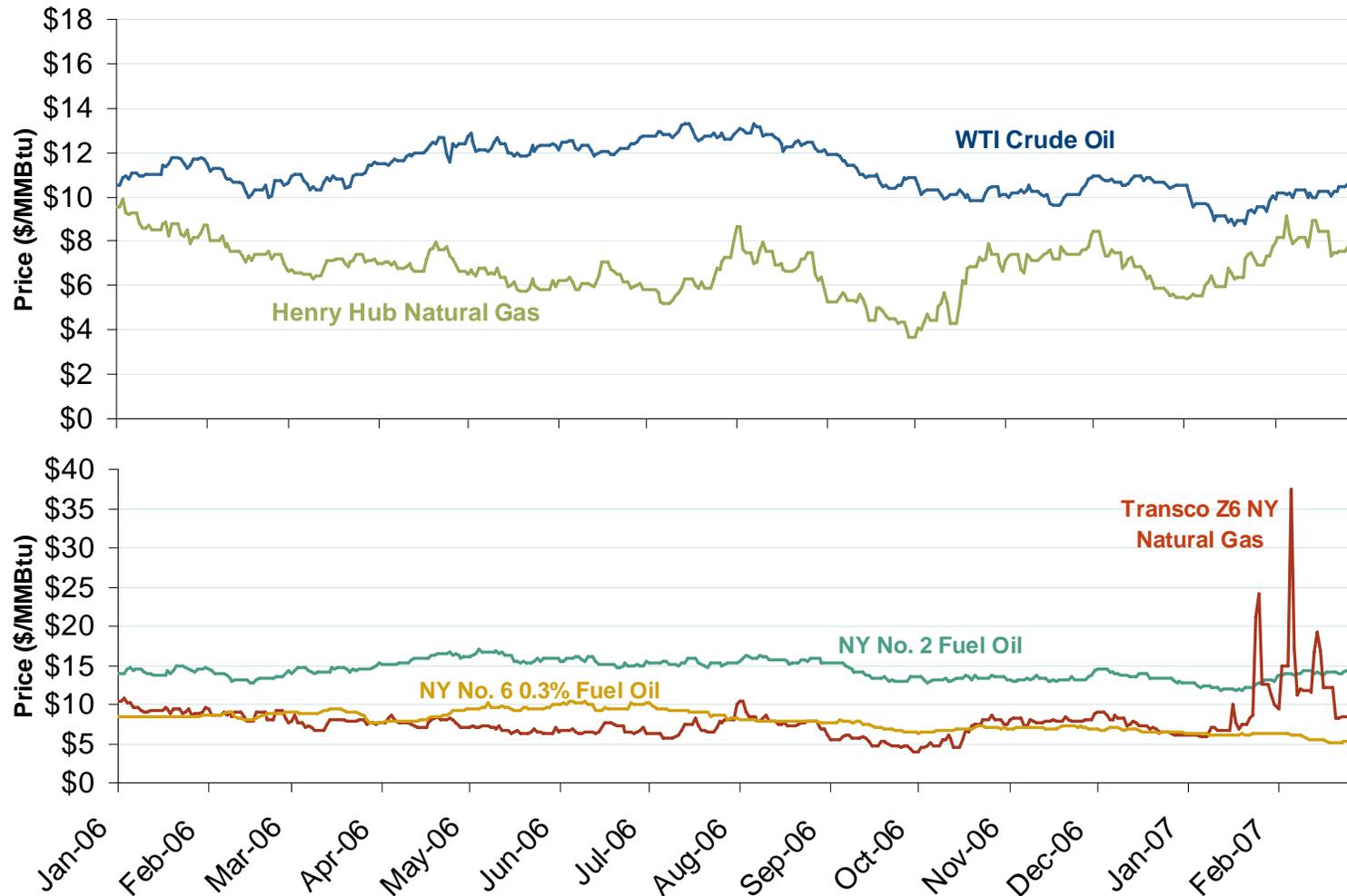
## SO<sub>2</sub> and NO<sub>x</sub> Allowance Spot Prices



Source: Derived from Cantor Fitzgerald data.

Updated March 9, 2007

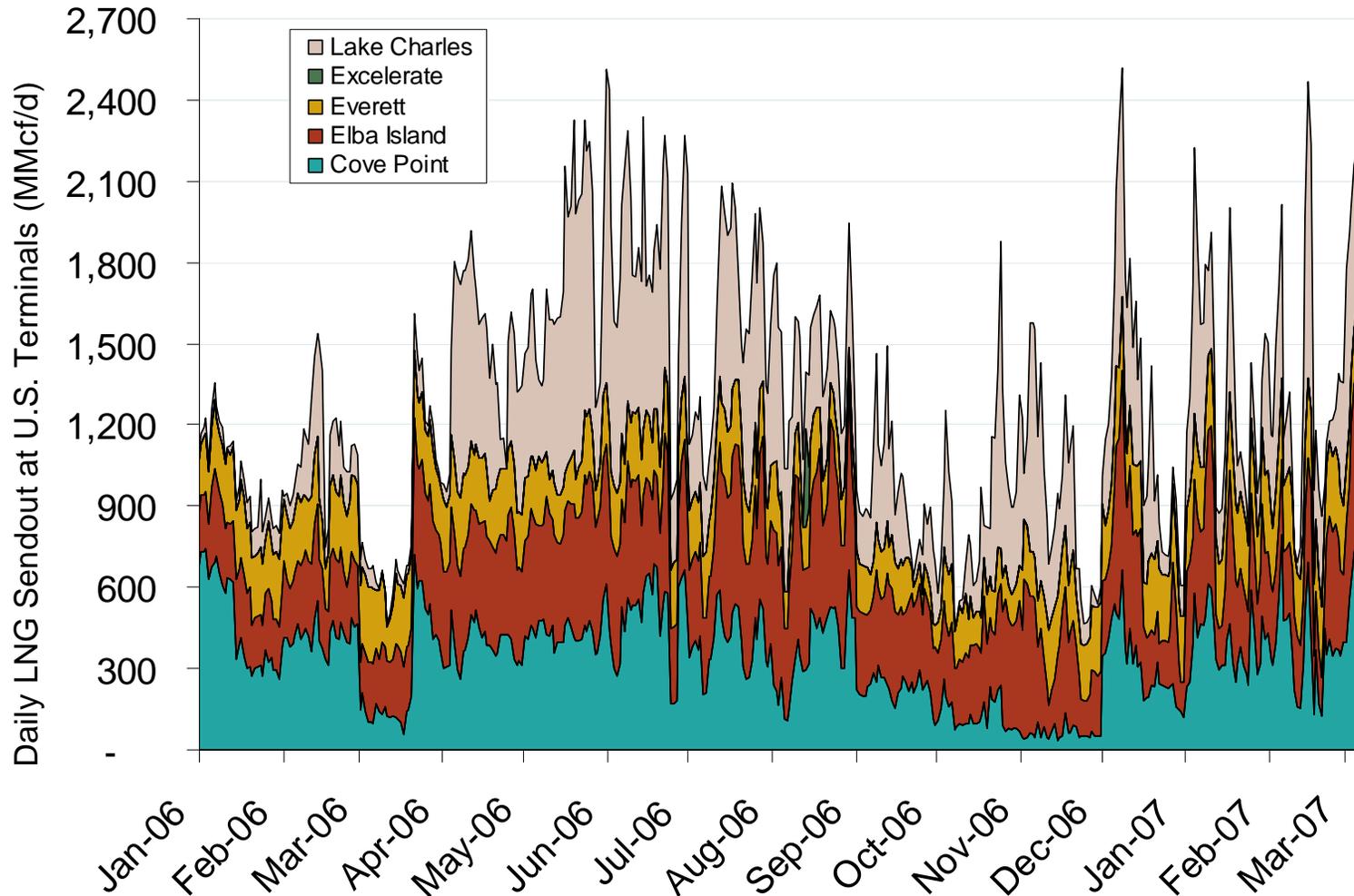
# Oil and Natural Gas Daily Spot Prices



Source: Derived from ICE and Bloomberg data.

Updated March 9, 2007

## Daily Gas Sendout from Existing LNG Facilities

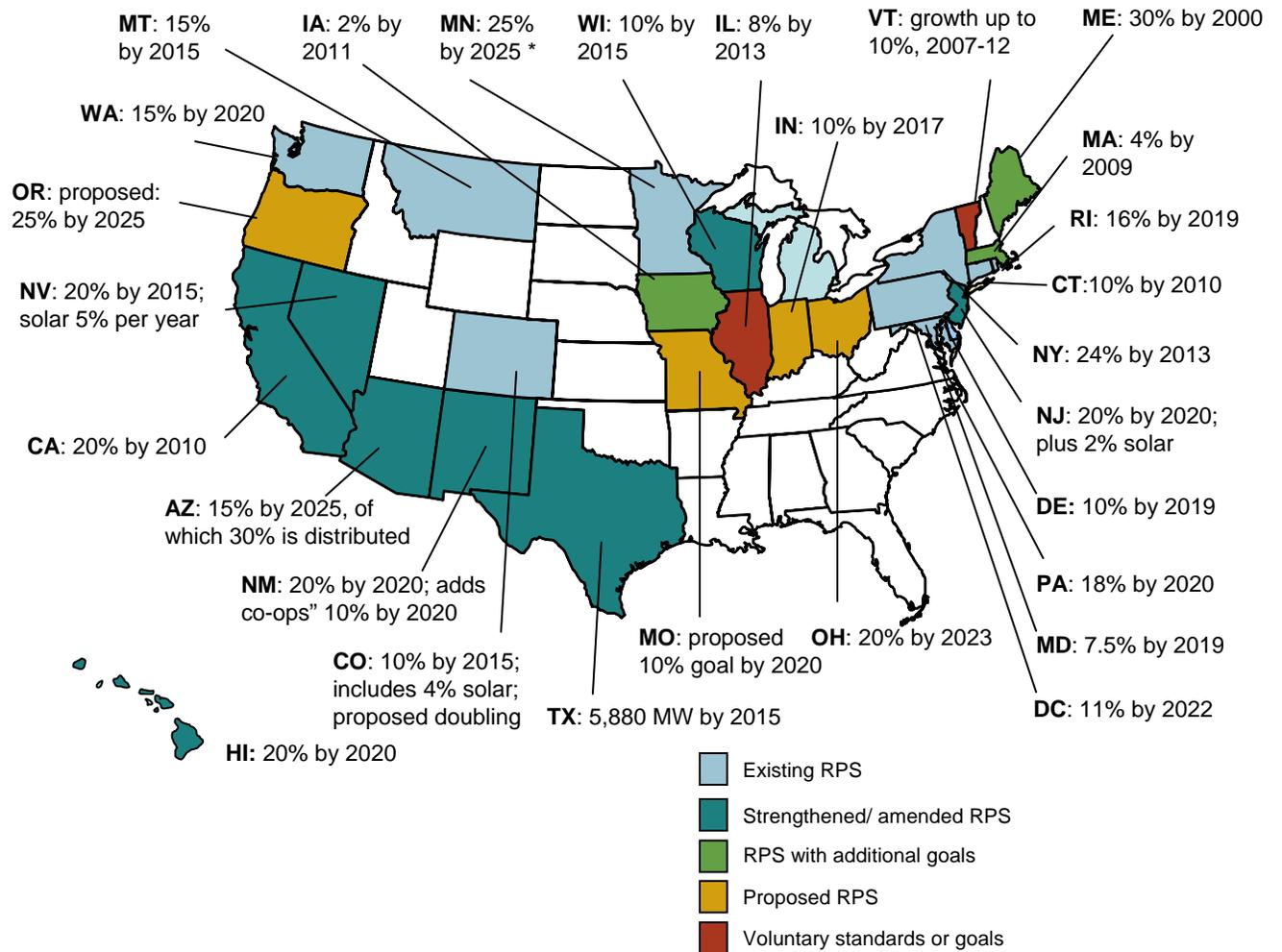


Source: Derived from *Bentek* data. Excludes Everett LNG delivered via truck and consumed by the Mystic plant.

Updated March 8, 2007

# Renewable Energy Portfolio Standards (RPS)

- A RPS requires a percent of energy sales or installed capacity to come from renewable resources.
- 21 states and DC have renewable energy standards. Two states have goals only. Minnesota changed its goal to a law in Feb. 2007.
- Some states added non-binding goals to the mandated RPS, including Maine, Massachusetts, and Iowa.
- Three RPS bills are pending in state legislatures; others have been introduced in Congress proposing a national RPS.
- Forty-five percent of U.S. load is in a state with a renewable energy purchase obligation.
- Fifteen states include energy efficiency in an RPS or related rule.



\* Minnesota's requirement for Xcel Energy exceeds the state RPS; it is 30% by 2020.

Sources: Derived from data in: EEI, EIA, LBNL, PUCs, State legislative tracking services, Database of State Incentives for Renewables and Efficiency, and the Union of Concerned Scientists.