

# OE ENERGY MARKET SNAPSHOT

## Northeast States Version

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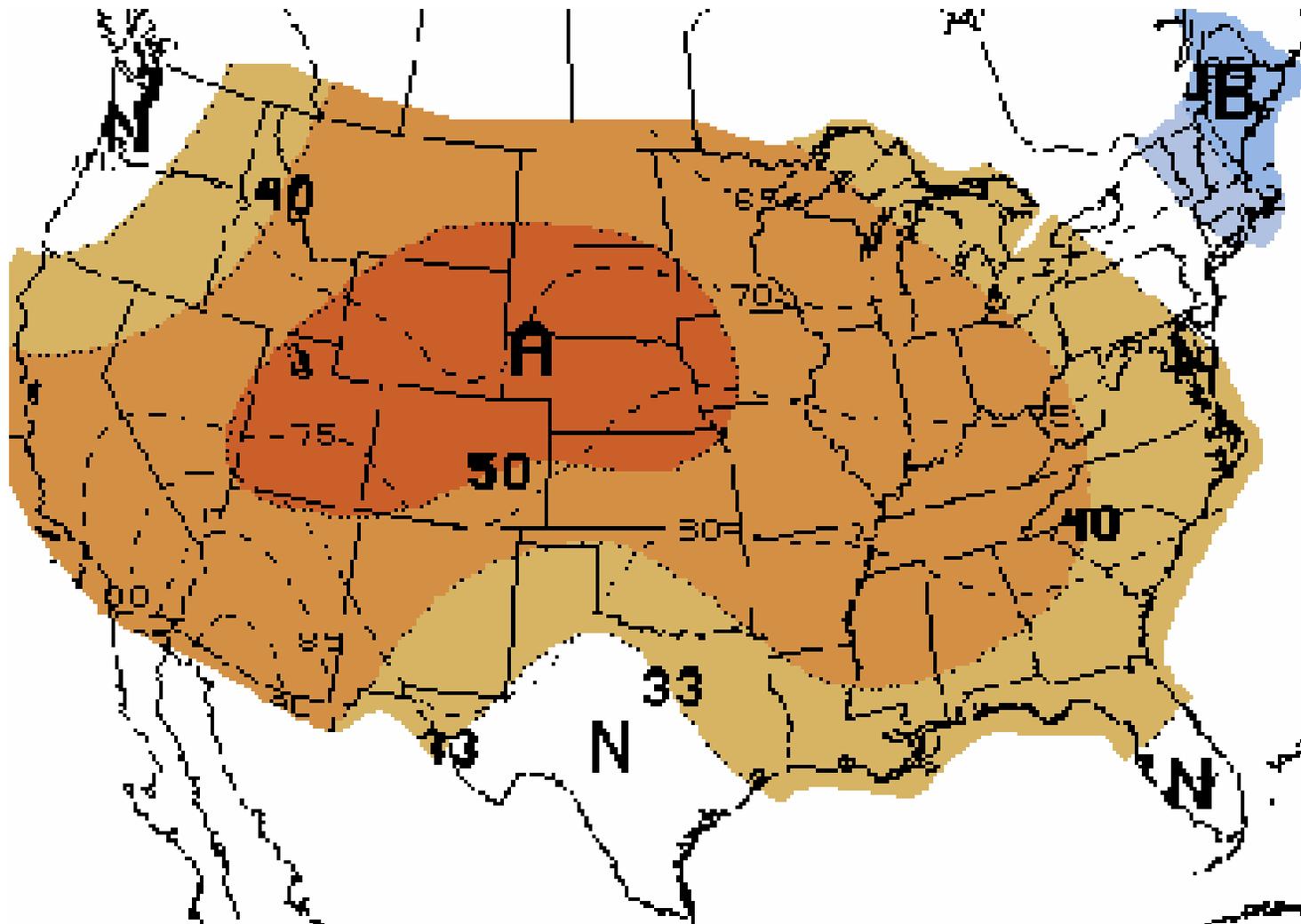
- **Market Fundamentals**
- **Prices and Market Analysis**

Office of Enforcement  
Federal Energy Regulatory Commission  
August 2007



# Market Fundamentals

## NOAA's 8 to 14 Day Temperature Forecast Made August 6, Valid for August 14-20, 2007



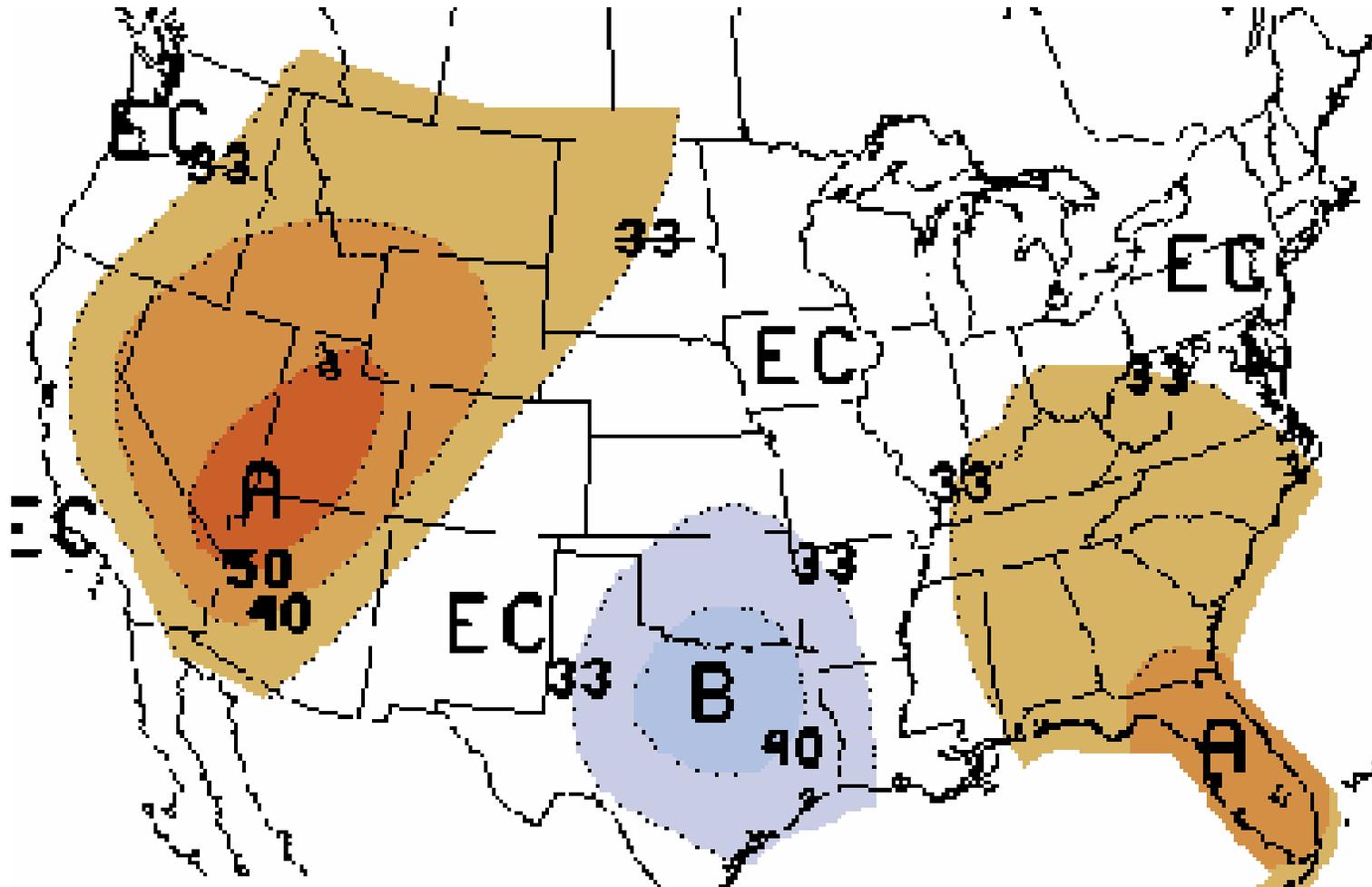
Note: "A" areas are above normal and "B" areas are below normal.

Source: NOAA

Updated August 6, 2007

3012

## NOAA's Monthly Temperature Forecast Made July 2007, Valid for August 2007



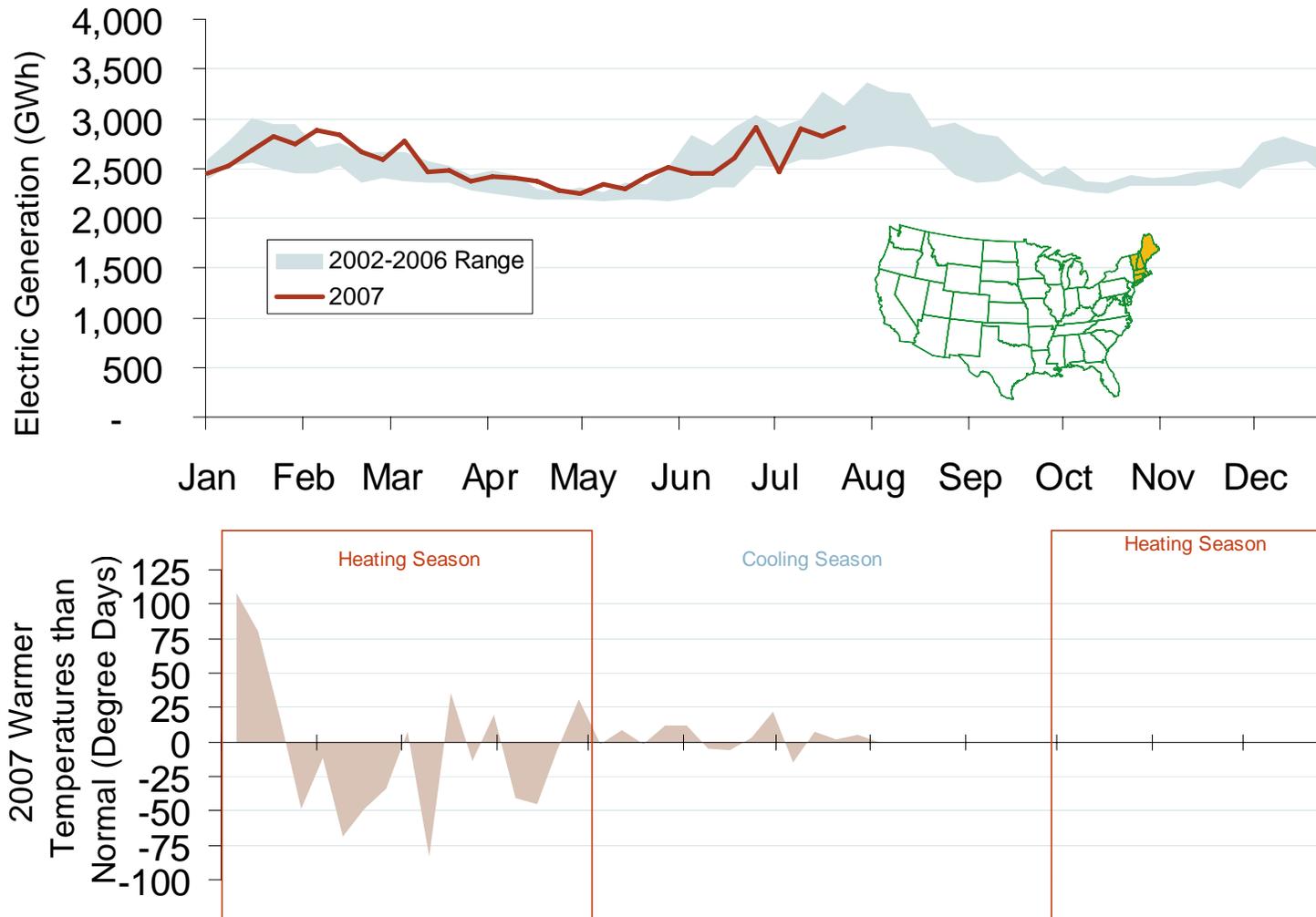
Note: "A" areas are above normal, "B" areas are below normal and "EC" means equal chance.

Source: NOAA

Updated August 6, 2007

3012

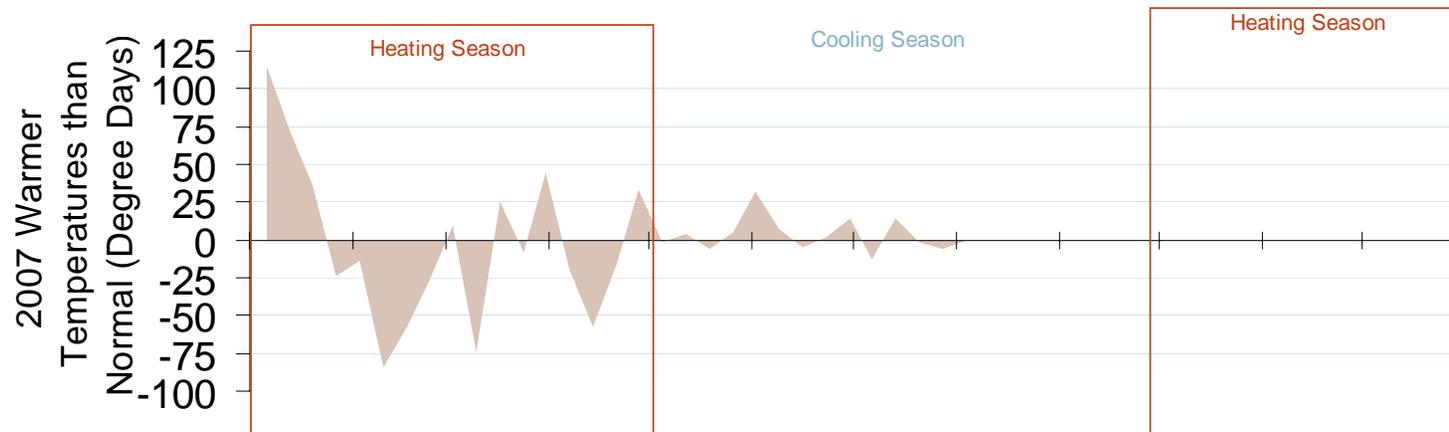
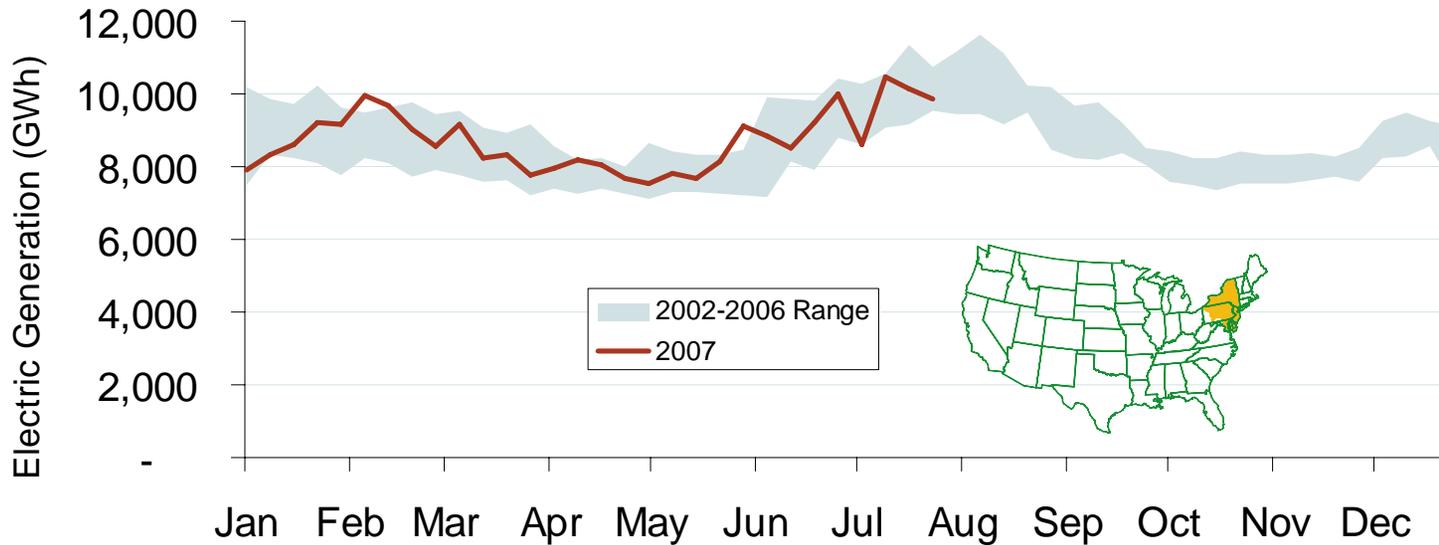
# Weekly Electric Generation Output and Temperatures New England



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

Updated August 3, 2007

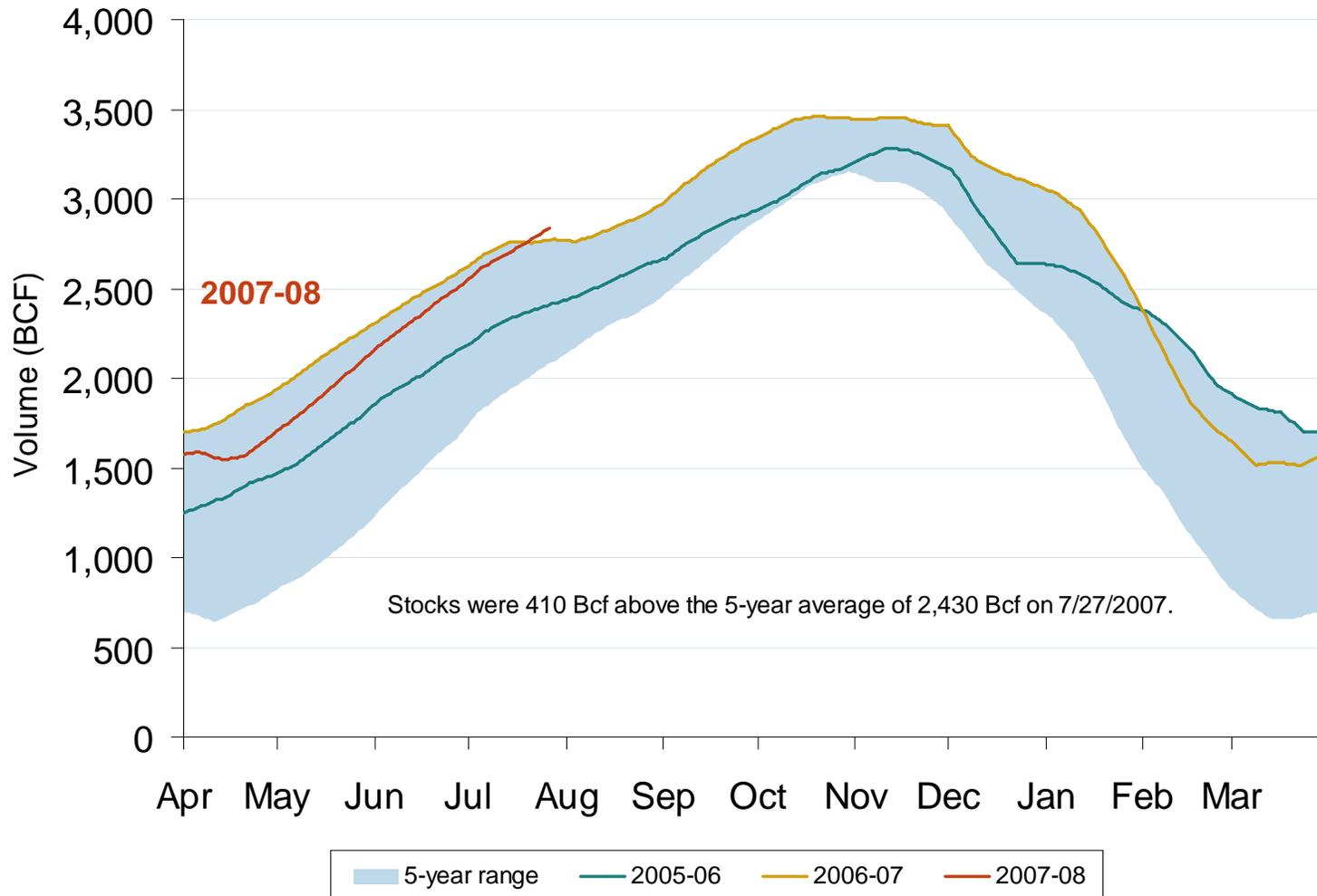
# Weekly Electric Generation Output and Temperatures Mid Atlantic Region



Source: Derived from EEI and NOAA data.

Updated August 3, 2007

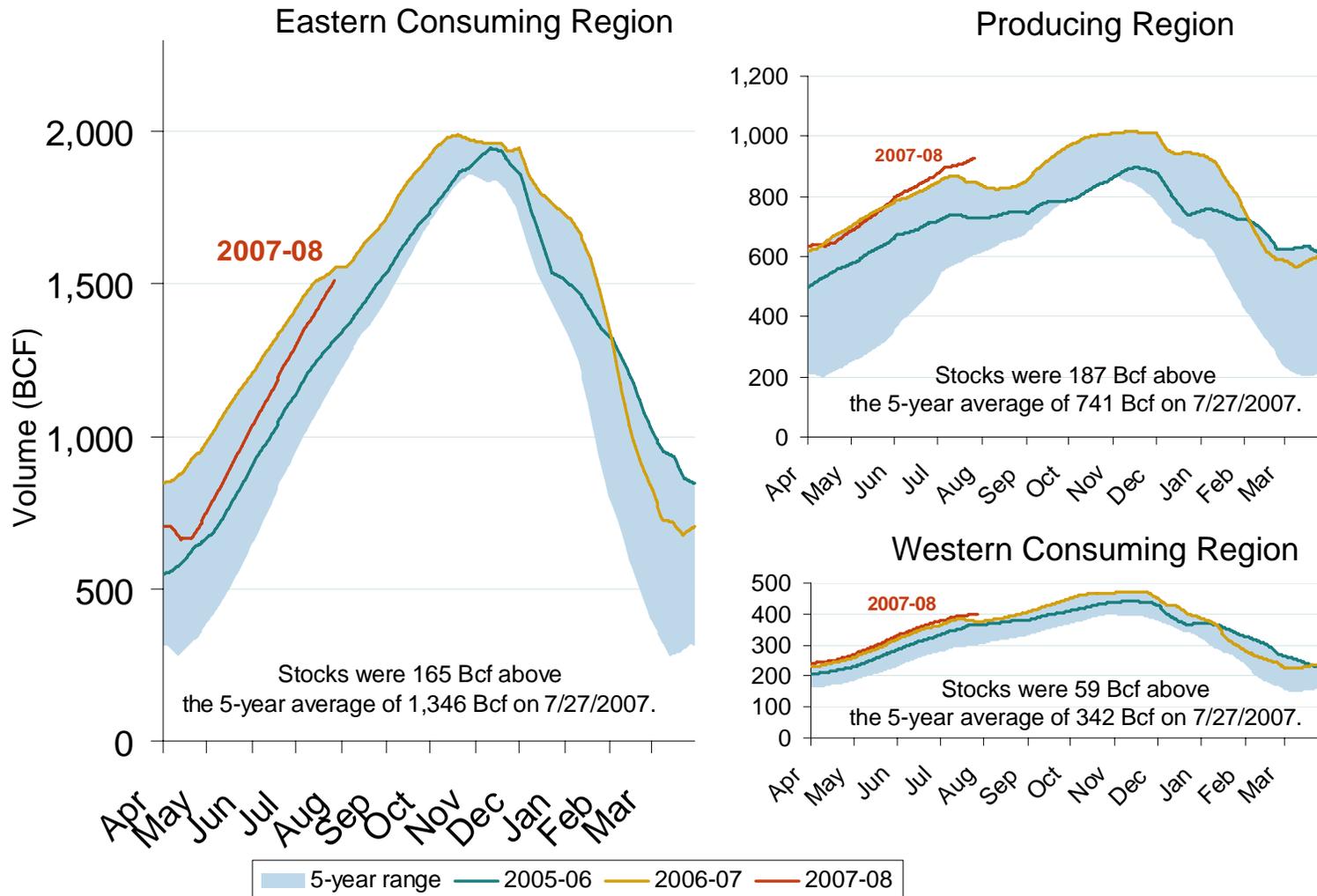
## Total U.S. Working Gas in Storage



Source: Derived from EIA data.

Updated August 3, 2007

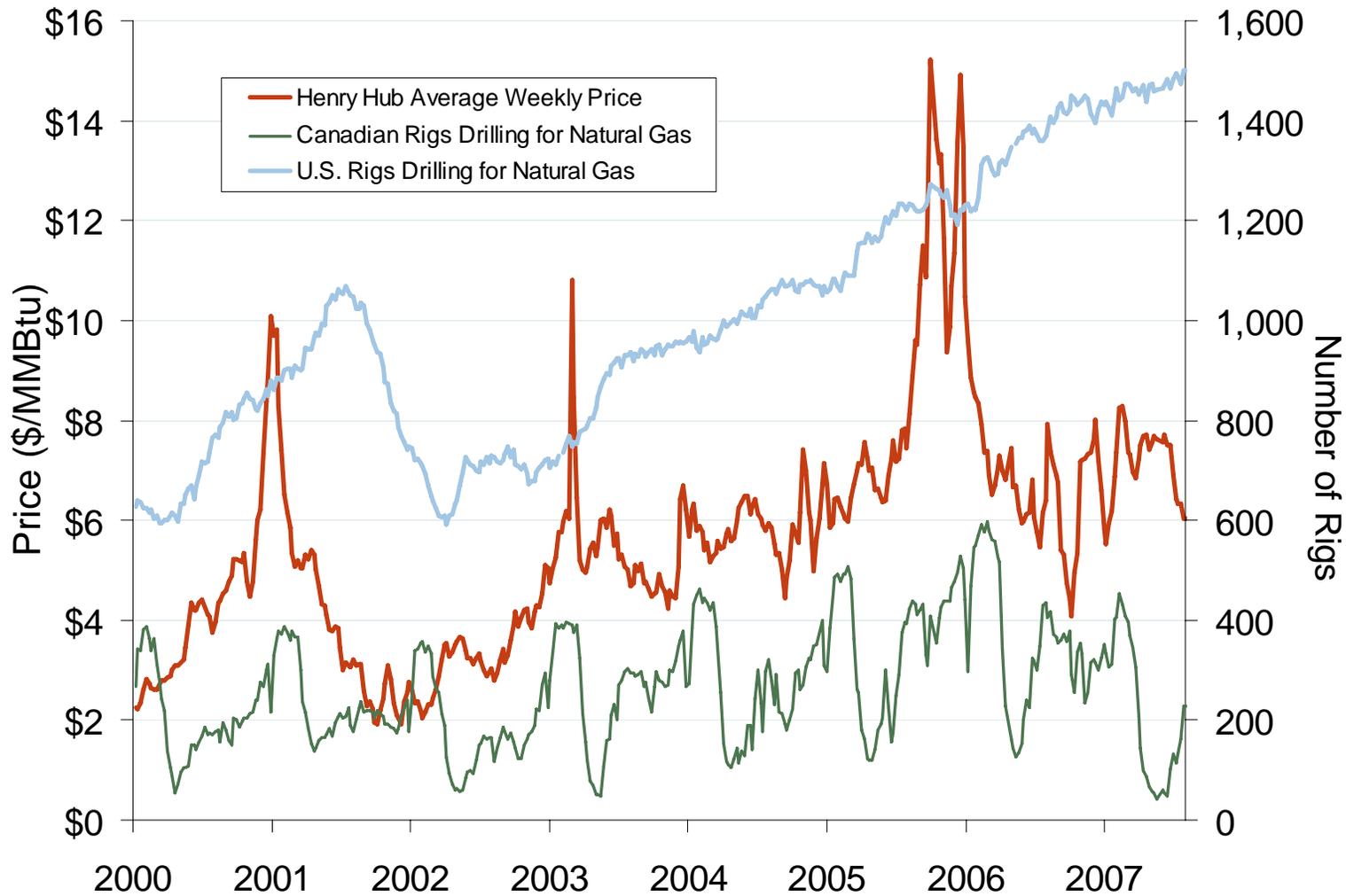
## Regional Totals of Working Gas in Storage



Source: Derived from EIA data.

Updated August 3, 2007

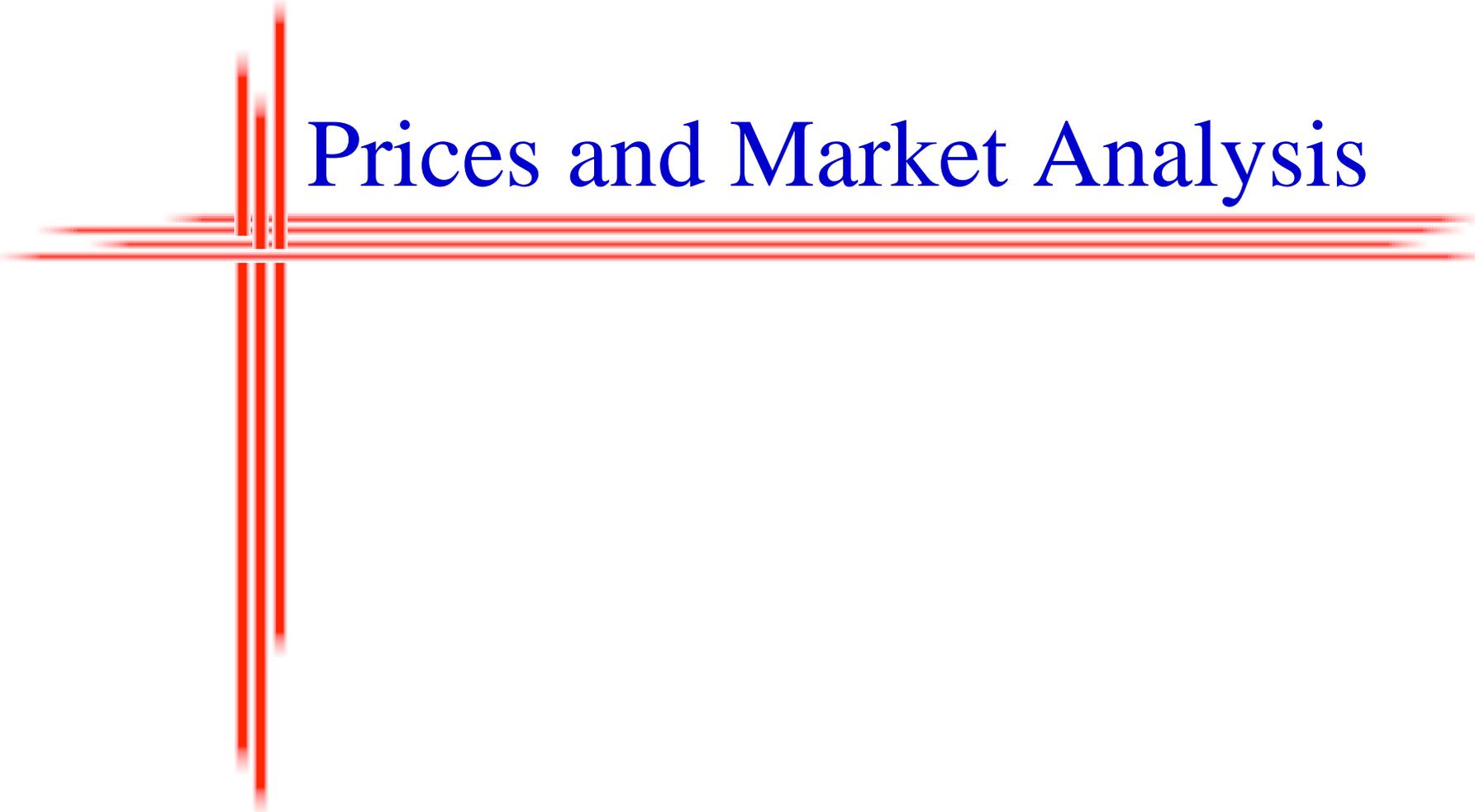
## U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



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

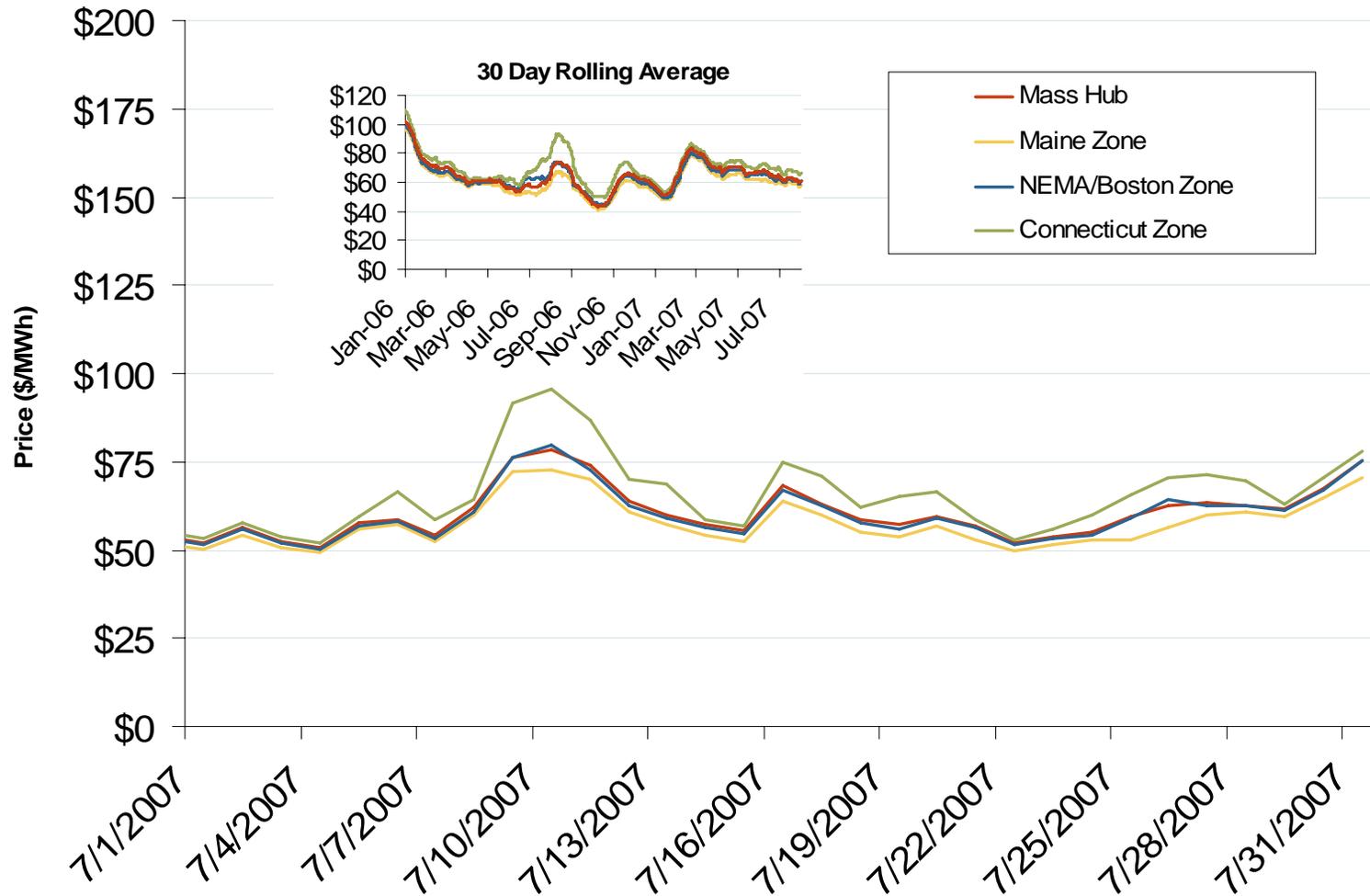
Updated August 3, 2007

2007



# Prices and Market Analysis

## Daily Average of ISO-NE Day-Ahead Prices - All Hours

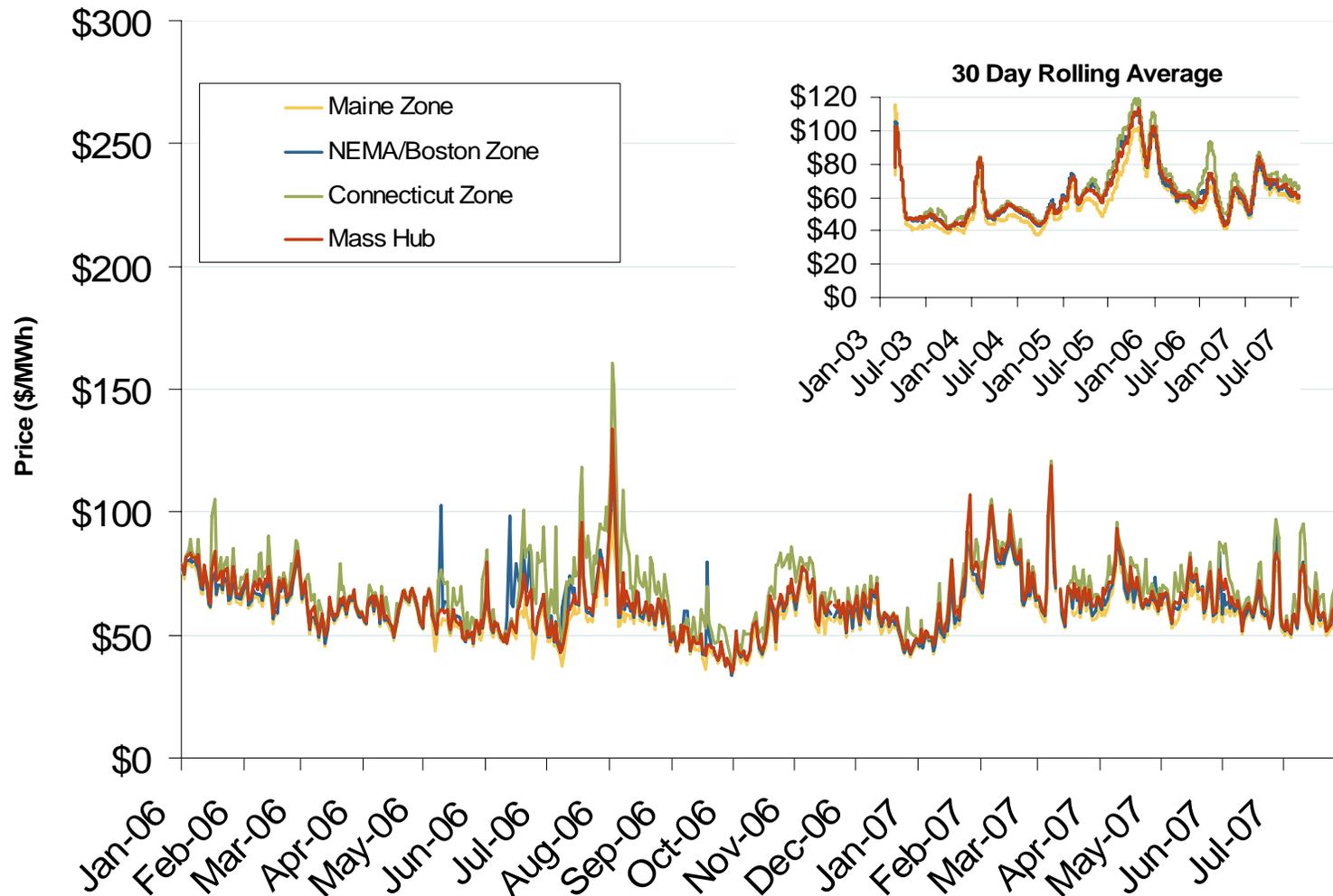


Source: Derived from ISO-NE data.

Updated August 3, 2007

1129

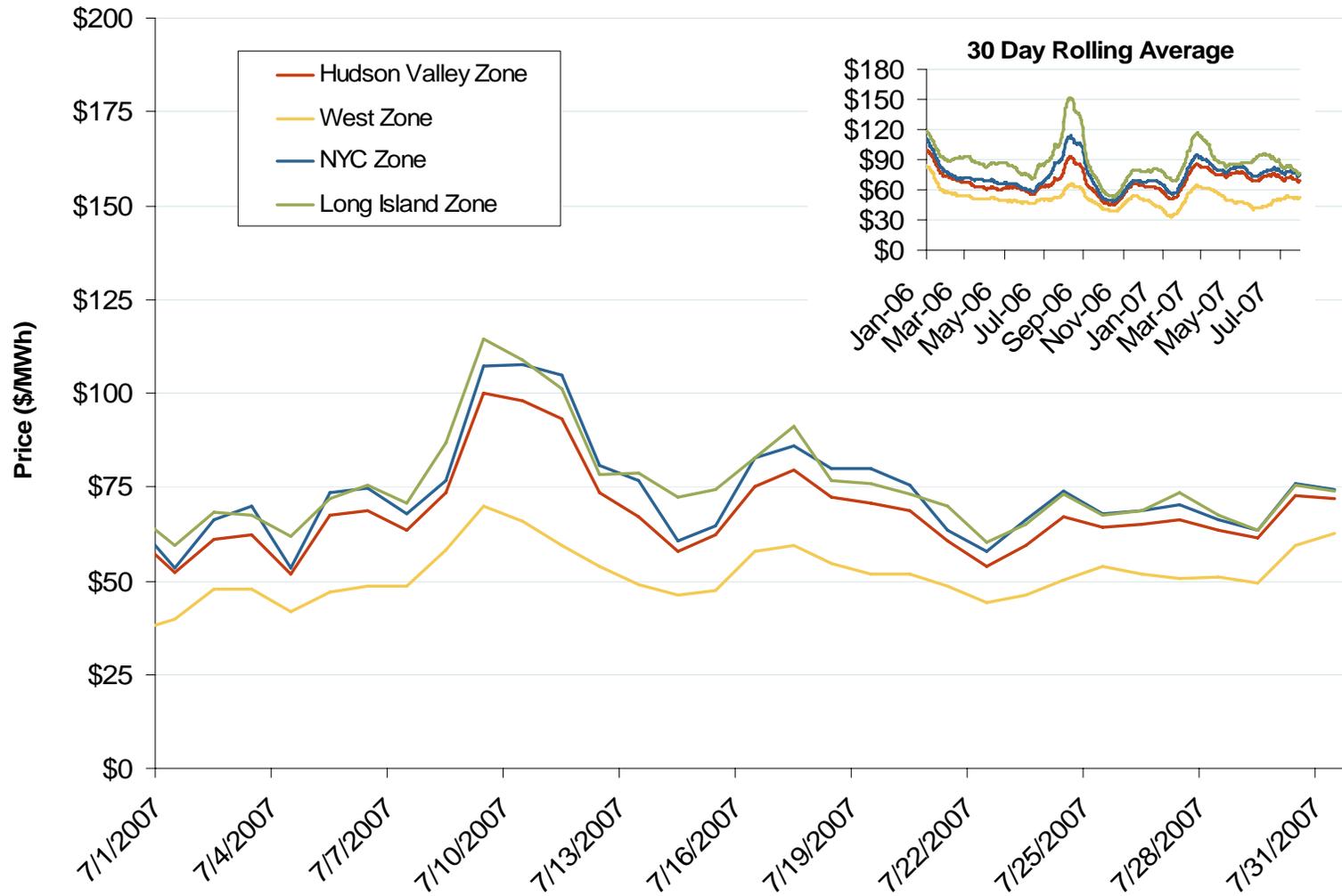
# Daily Average of ISO-NE Day-Ahead Prices - All Hours



Source: Derived from ISO-NE data.

Updated August 3, 2007

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

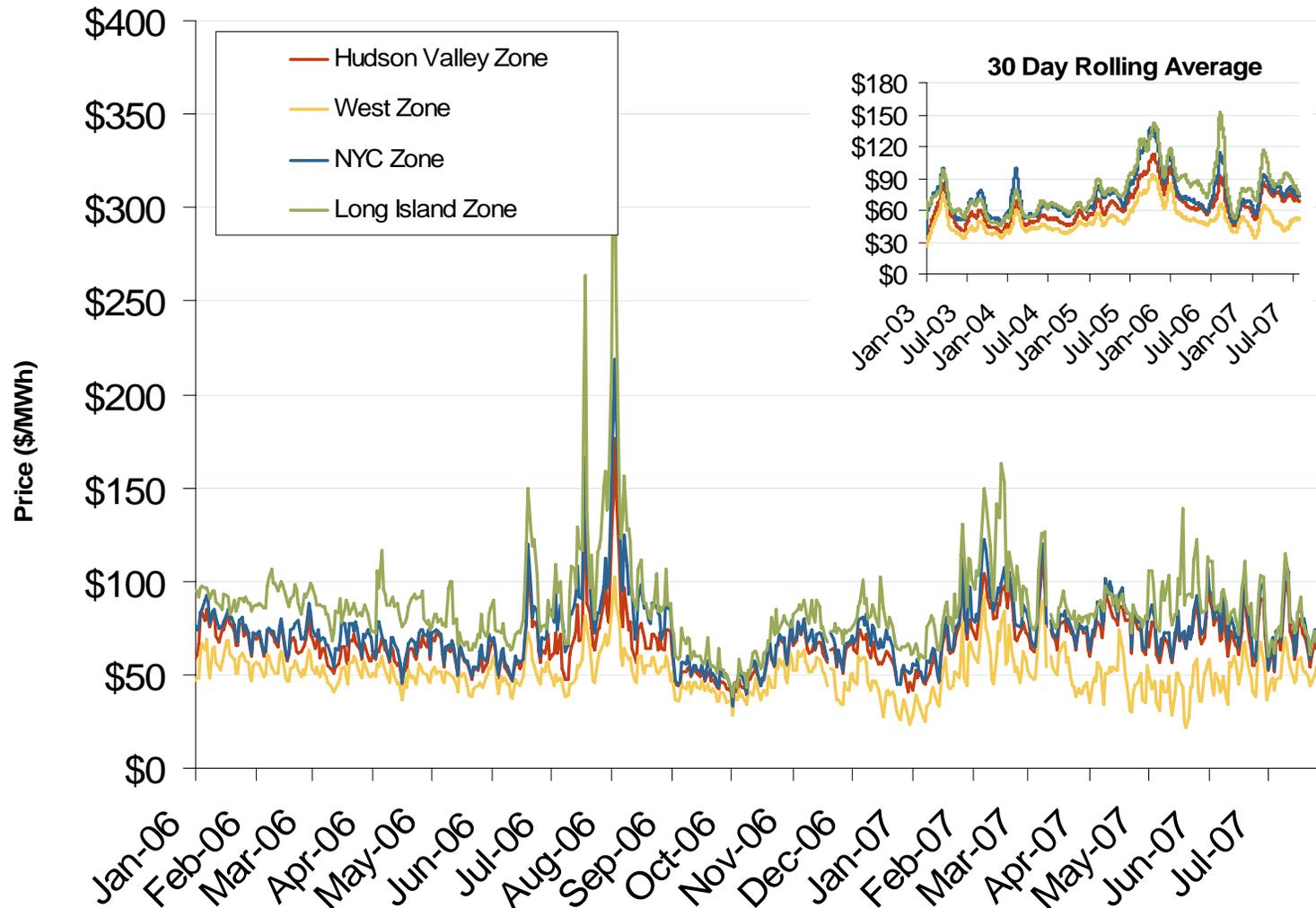


Source: Derived from NYISO data.

Updated August 3, 2007

1130

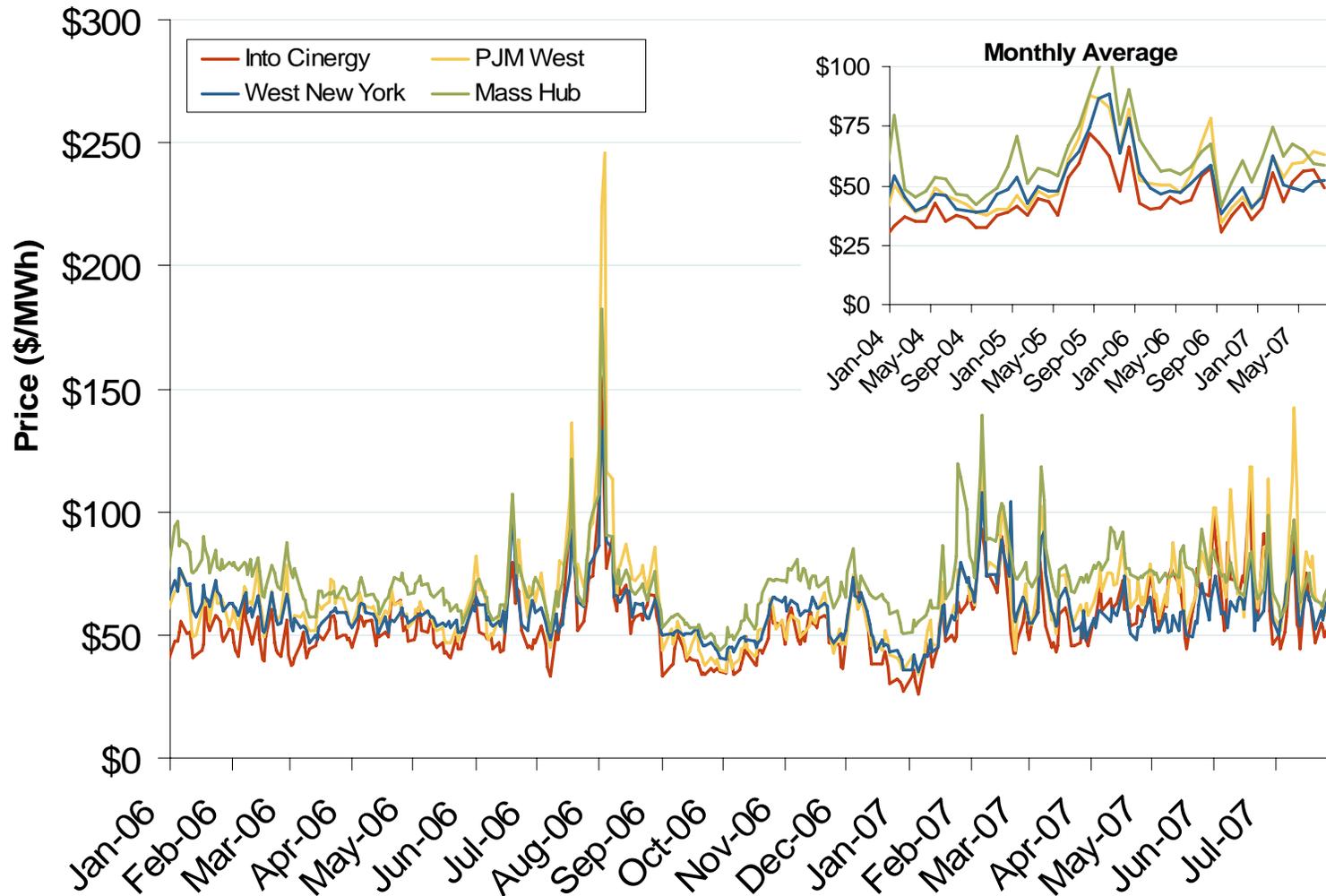
## Daily Average of NYISO Day-Ahead Prices - All Hours



Source: Derived from NYISO data.

Updated August 3, 2007

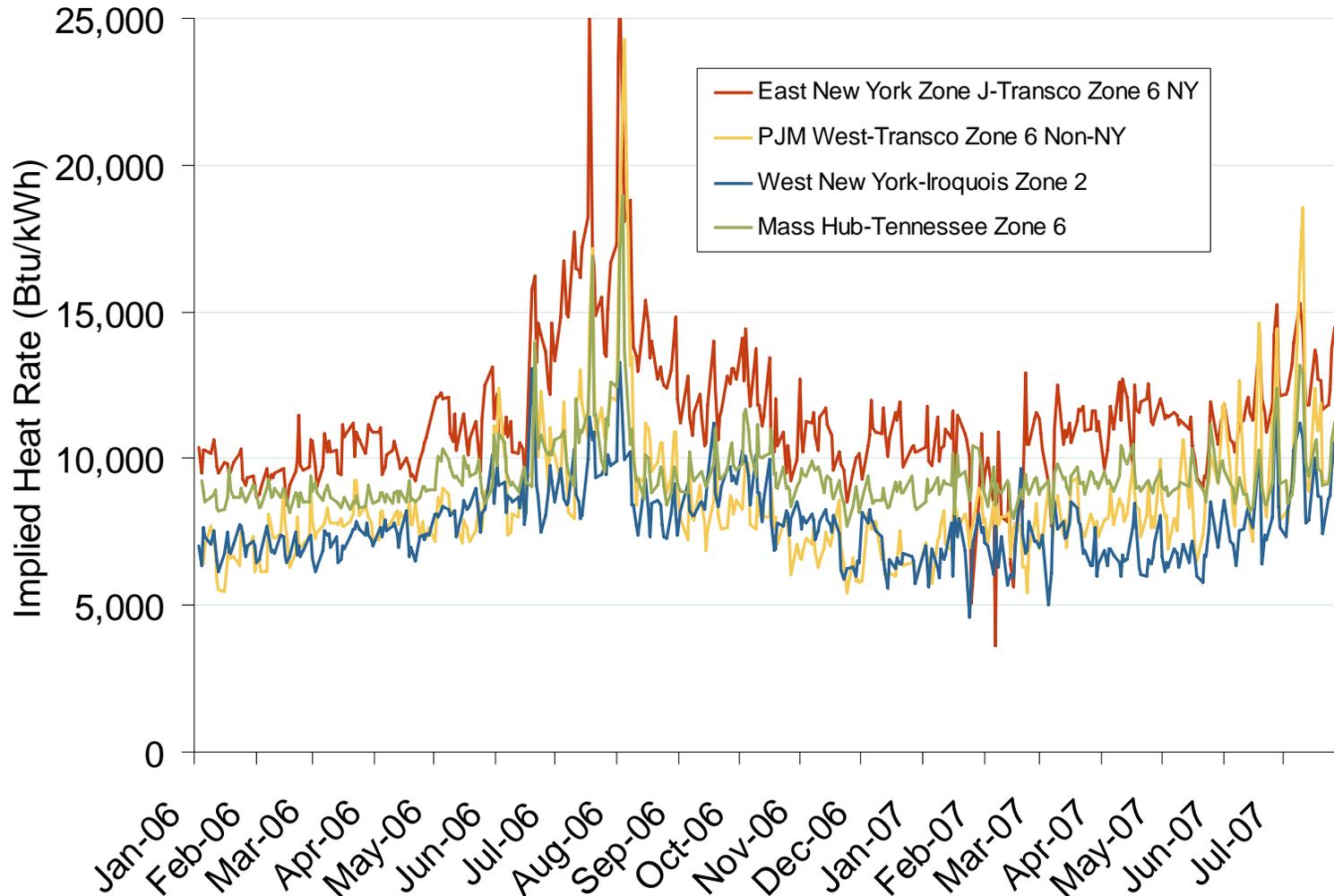
# Eastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated August 3, 2007

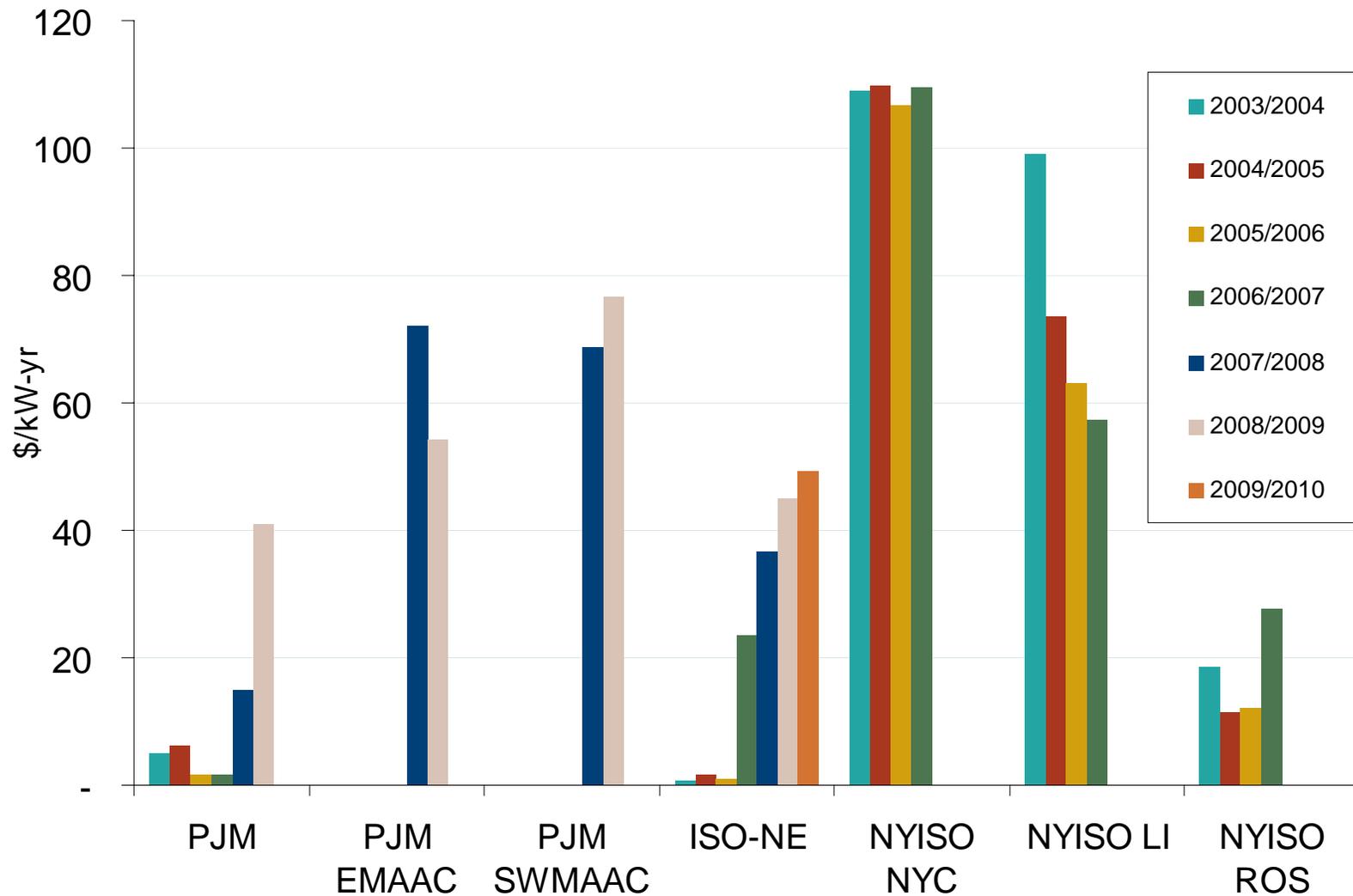
## Implied Heat Rates at Eastern Trading Points



Source: Derived from *Platts* data

Updated August 3, 2007

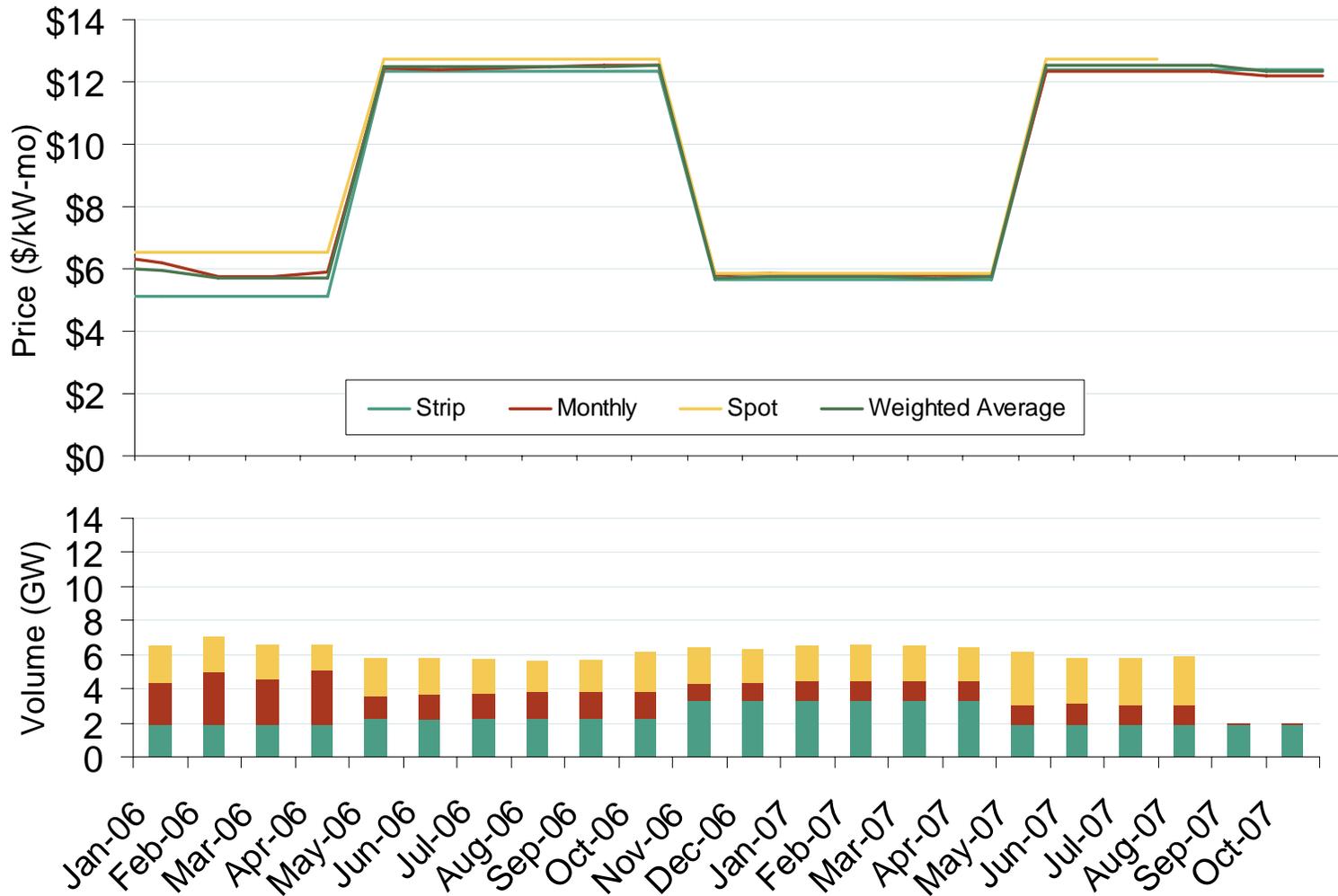
## PJM, NYISO and ISO-NE Capacity Auction Prices



Source: Derived from PJM, NYISO and ISO-NE data

Created August 3, 2007

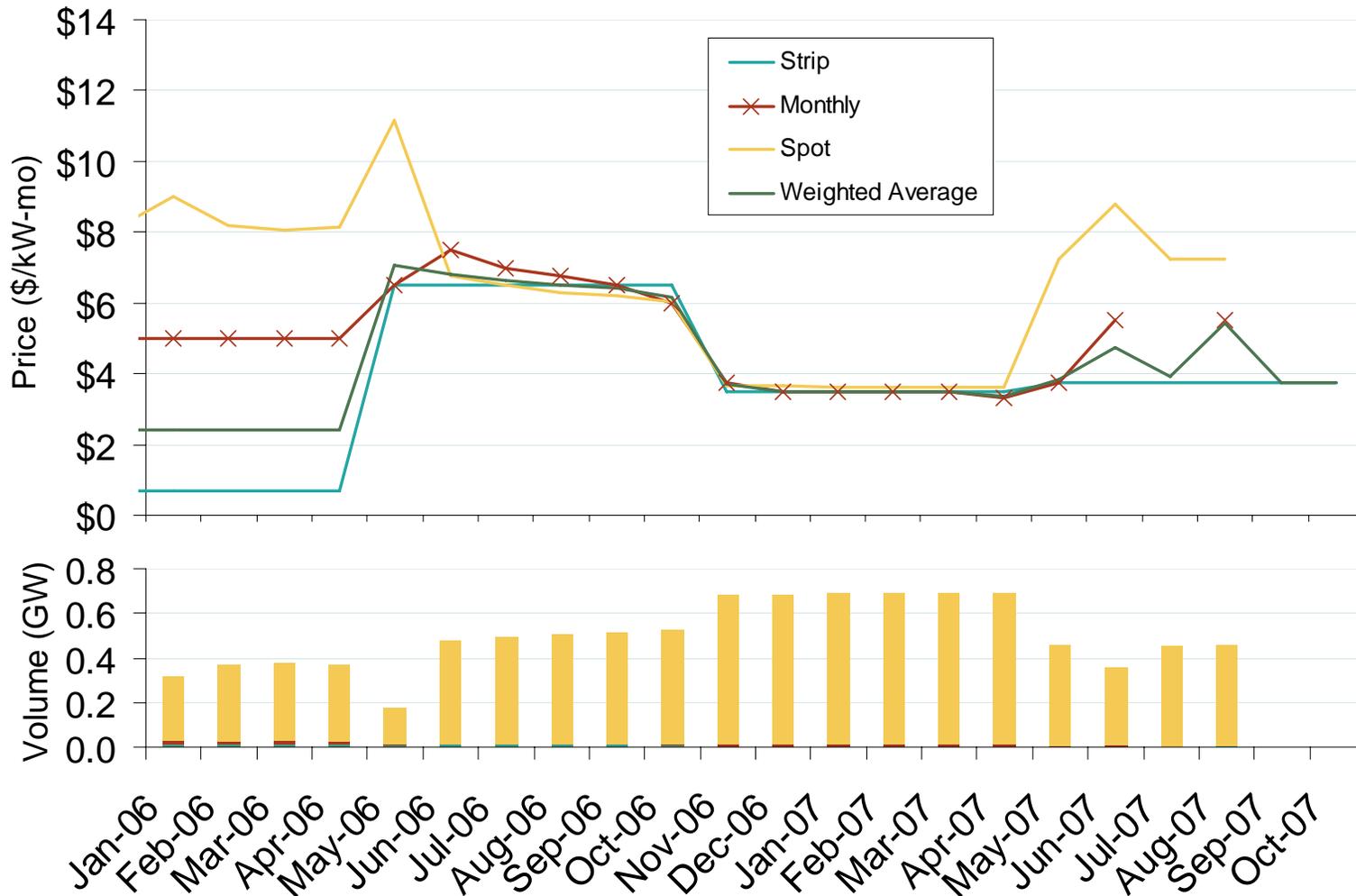
## Weighted Average ICAP Clearing Prices and Volumes: New York City



Source: Derived from NYISO data.

Updated August 3, 2007

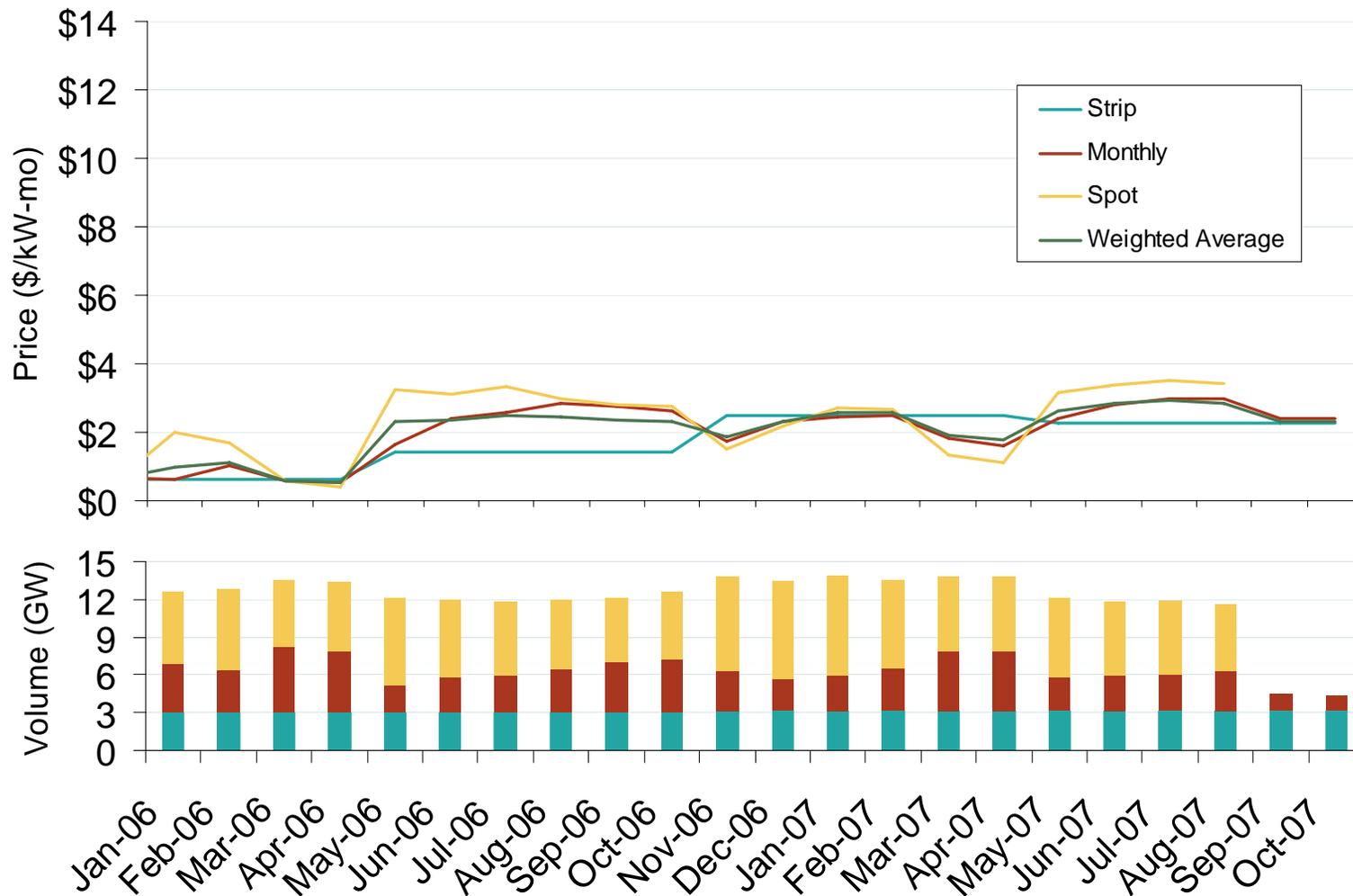
# Weighted Average ICAP Clearing Prices and Volumes: Long Island



Source: Derived from NYISO data.

Updated August 3, 2007

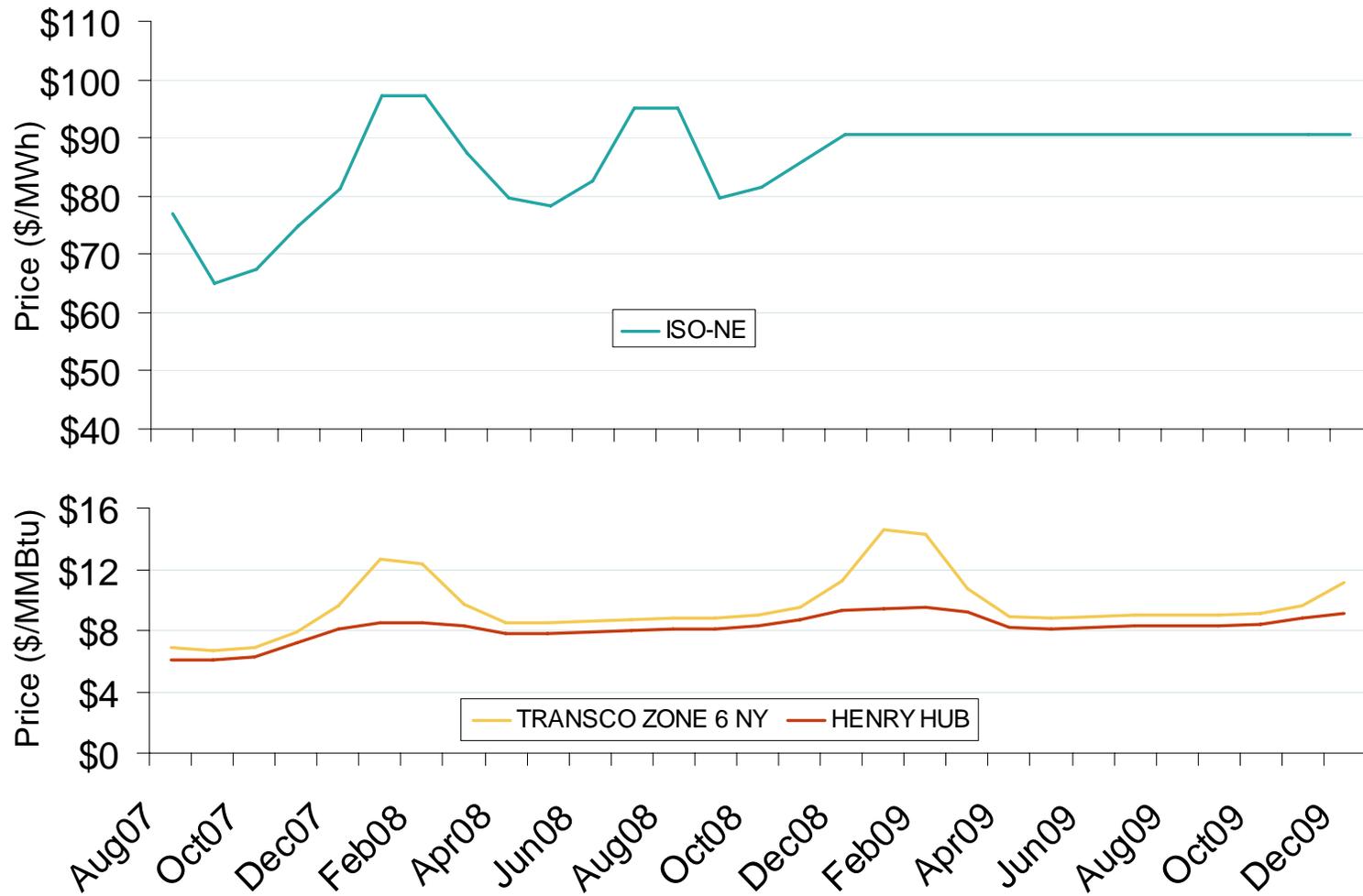
## Weighted Average ICAP Clearing Prices and Volumes: Rest of New York State



Source: Derived from NYISO data.

Updated August 3, 2007

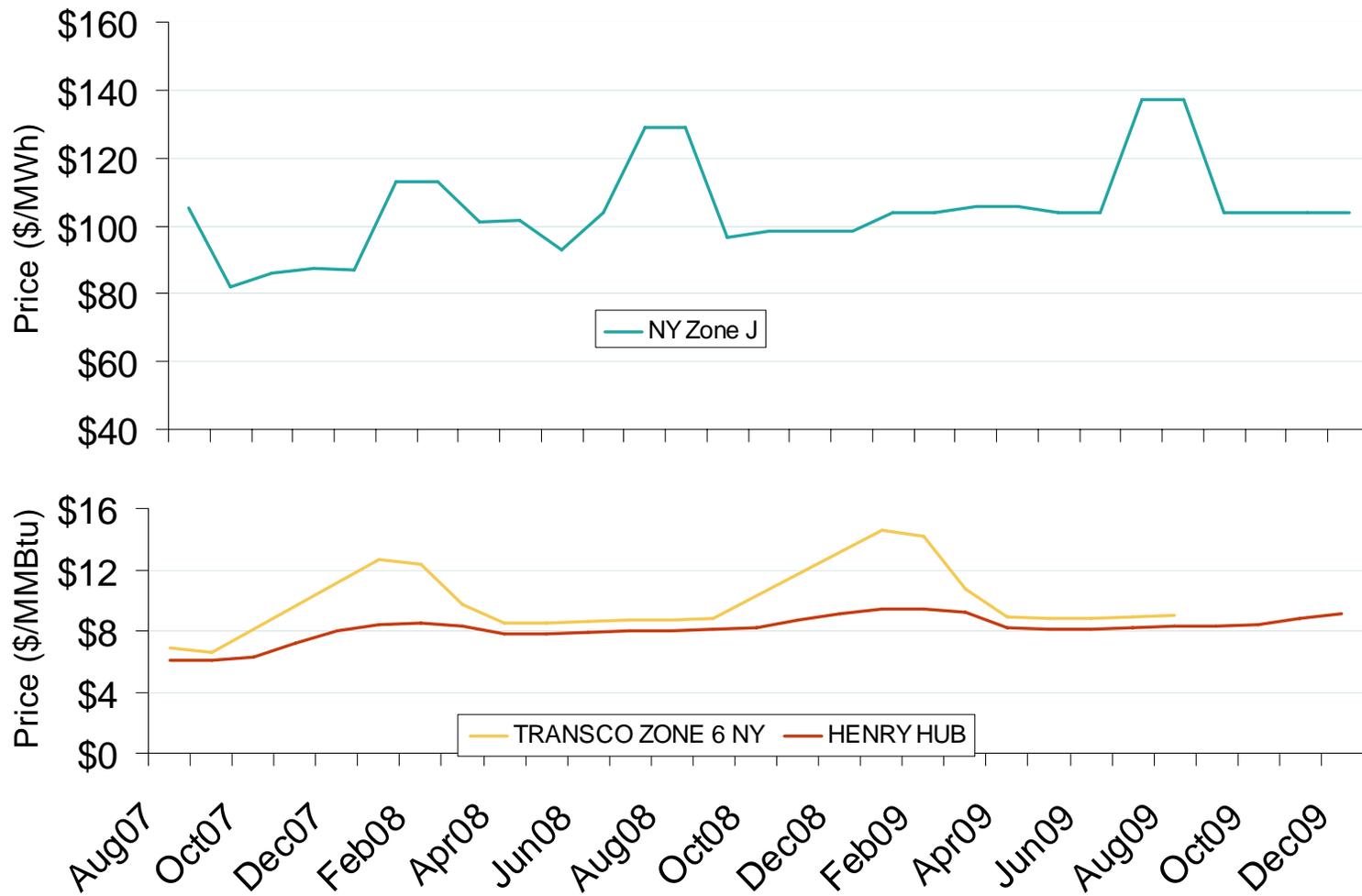
# New England Electric Forward Price Curve and New York and Henry Hub Natural Gas Forward Curves



Source: Derived from Nymex data.

Updated August 3, 2007

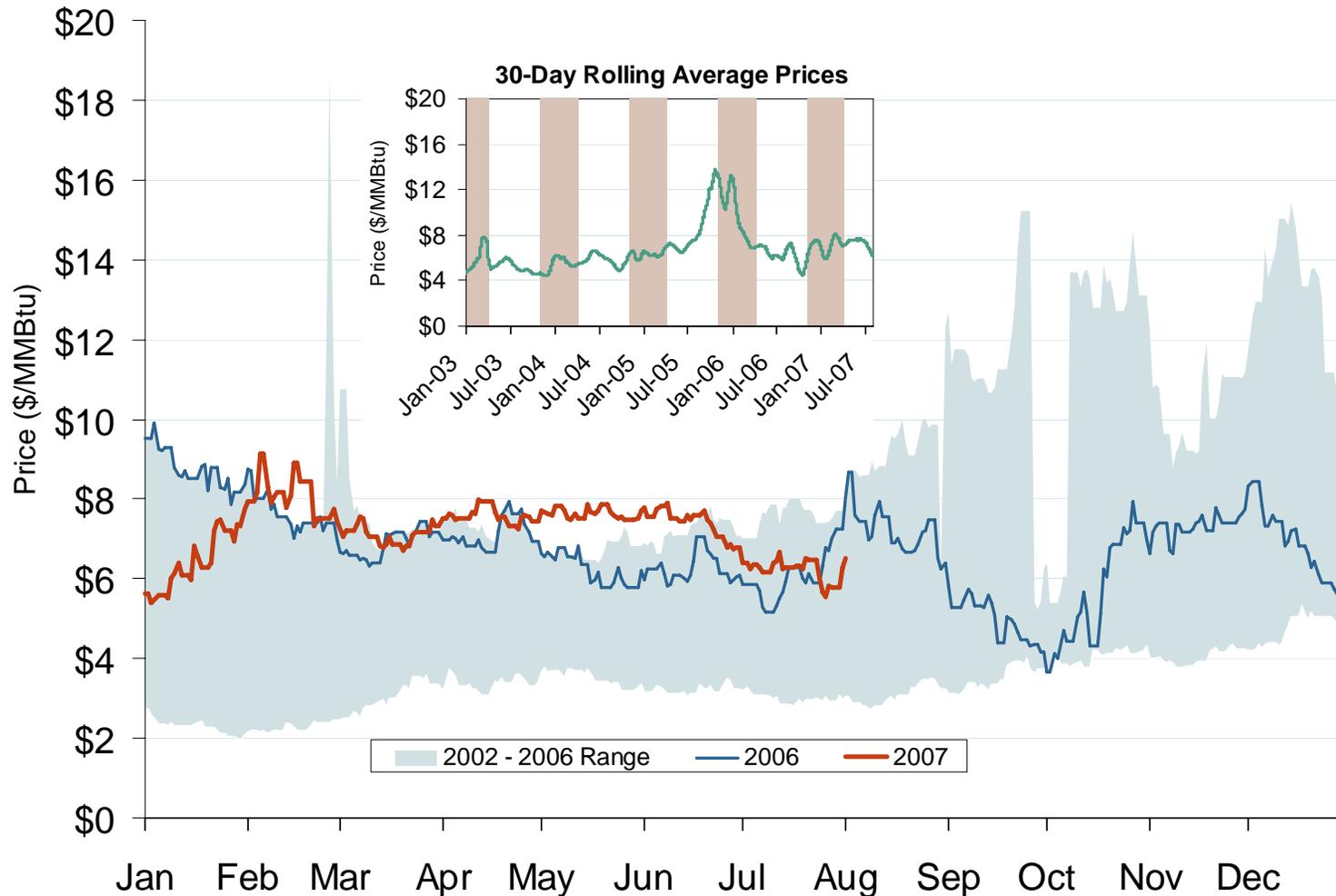
## New York Electric Forward Price Curve and New York and Henry Hub Natural Gas Forward Curves



Source: Derived from Nymex data.

Updated August 3, 2007

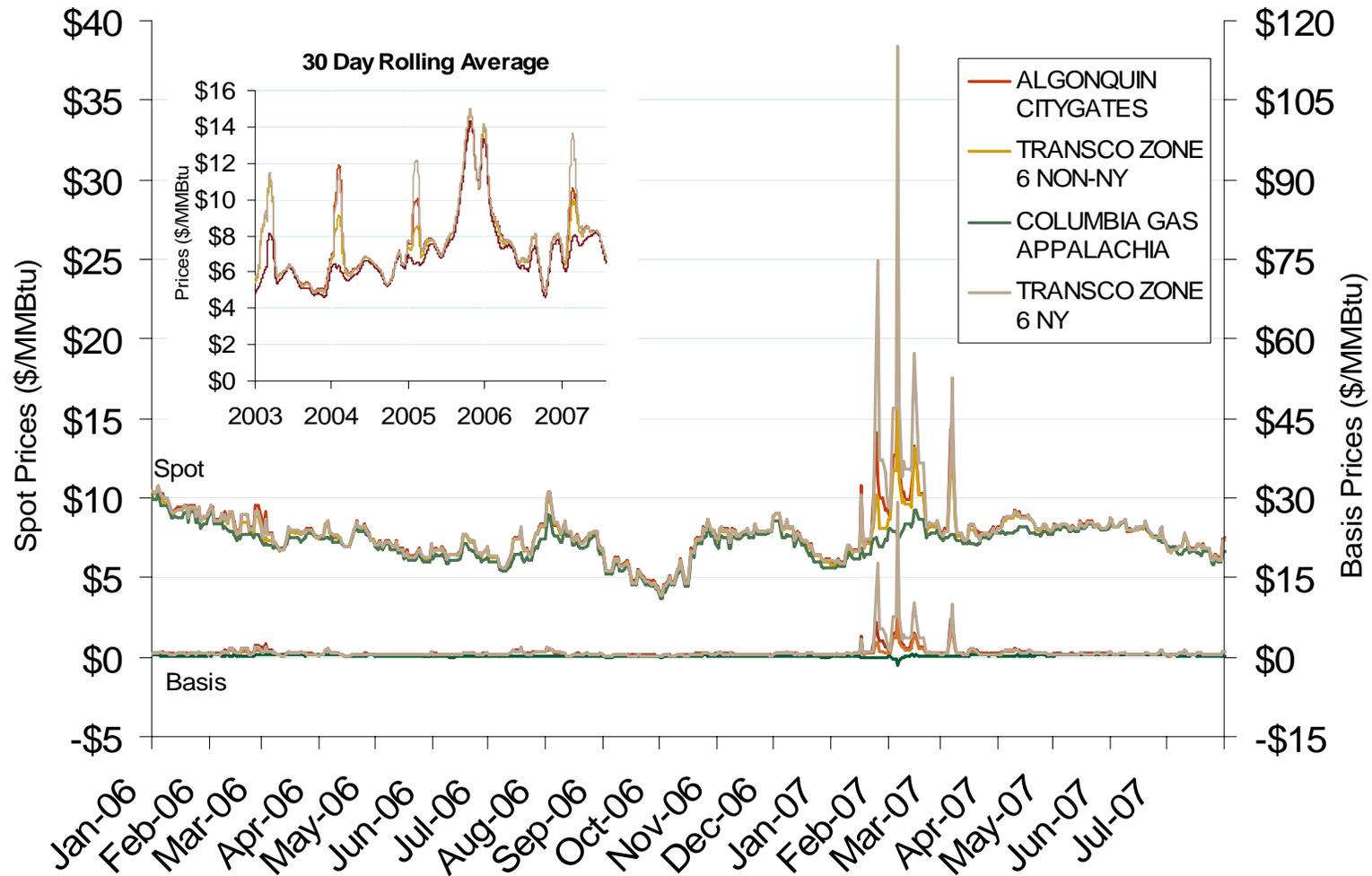
## Henry Hub Natural Gas Daily Spot Prices 2006, 2007 and 2002-2006 Year Range



Source: Derived from *Platts* data.

Updated August 3, 2007

## Northeastern Spot Prices and Basis



Source: Derived from *Platts* data.

Updated August 3, 2007  
2030

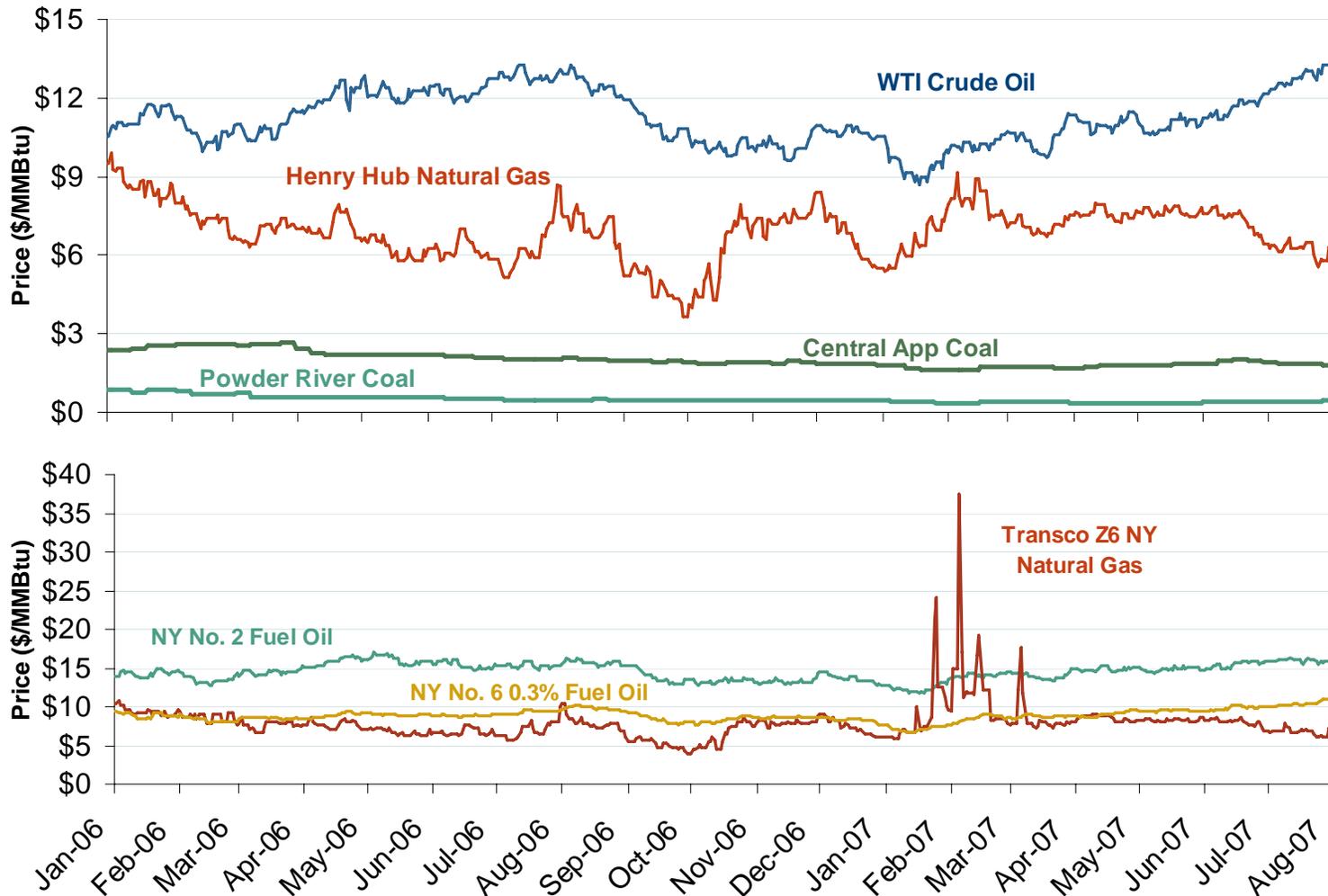
## Natural Gas Winter Futures Strip and Daily Henry Hub Spot and Bidweek Prices



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

Updated August 3, 2007

# Oil, Coal and Natural Gas Daily Spot Prices

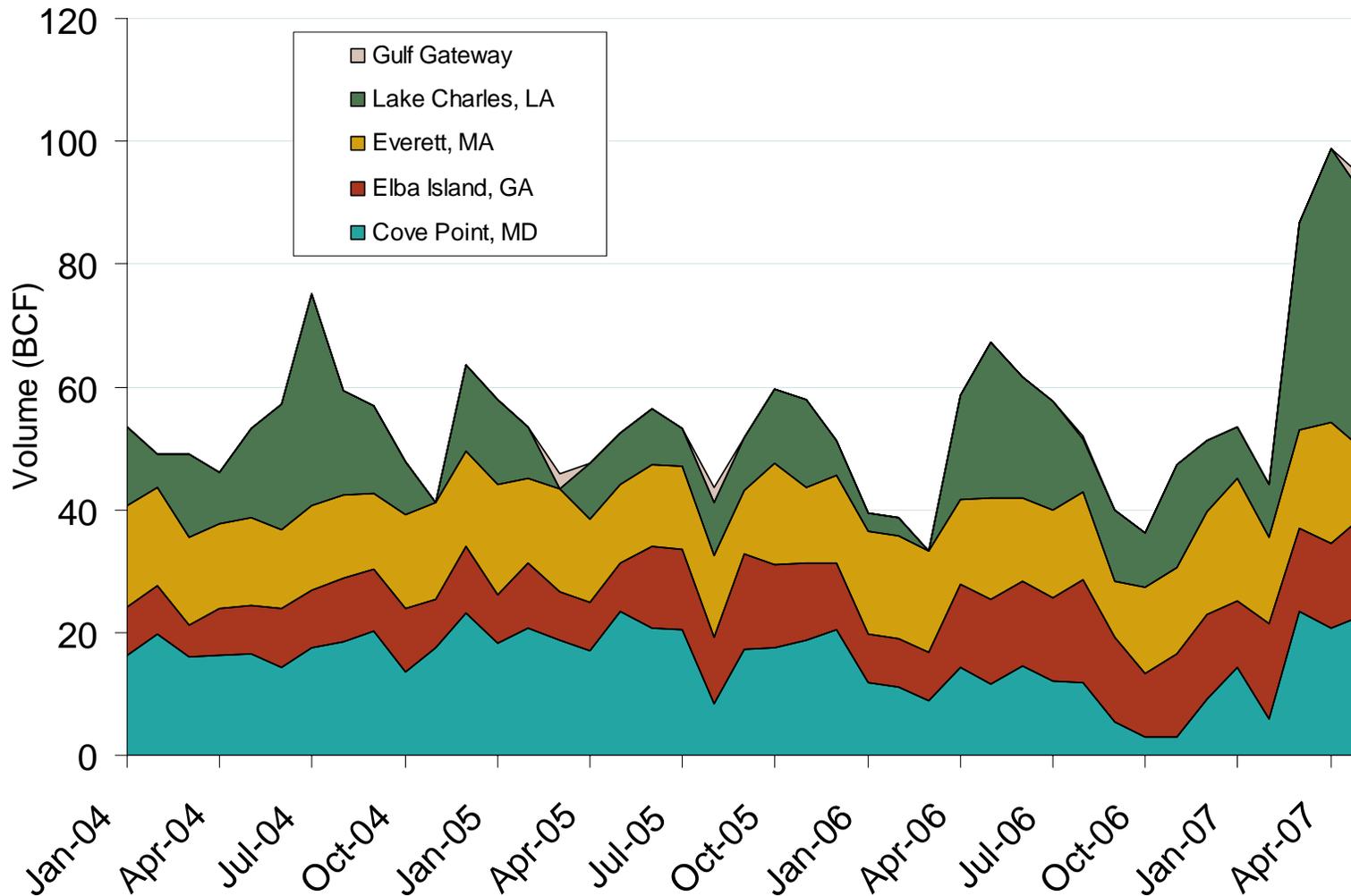


Source: Derived from ICE and Bloomberg data.

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 August 3, 2007

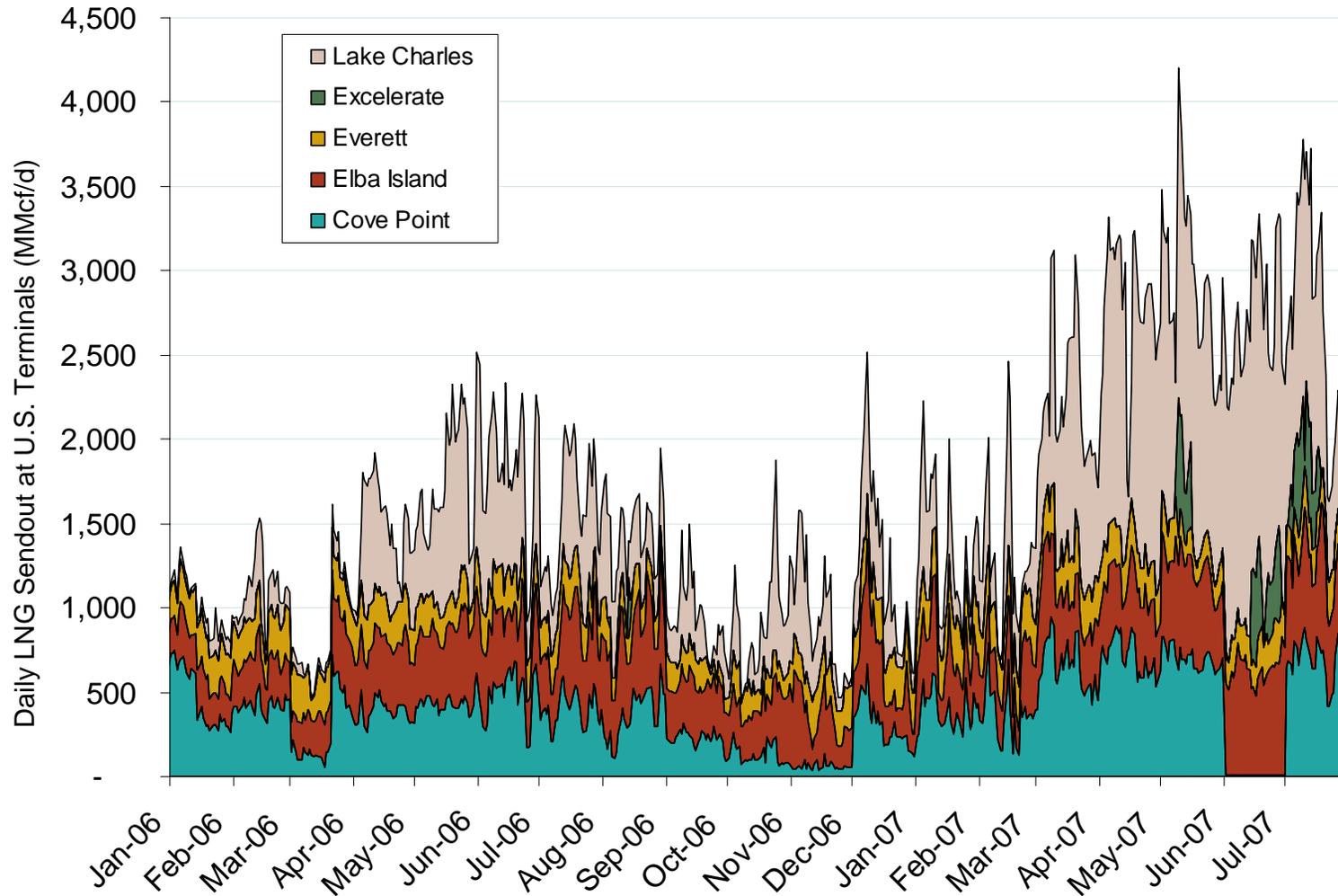
## Monthly Gas Imports at Existing U.S. LNG Facilities



Source: Derived from EIA data.

Updated August 7, 2007

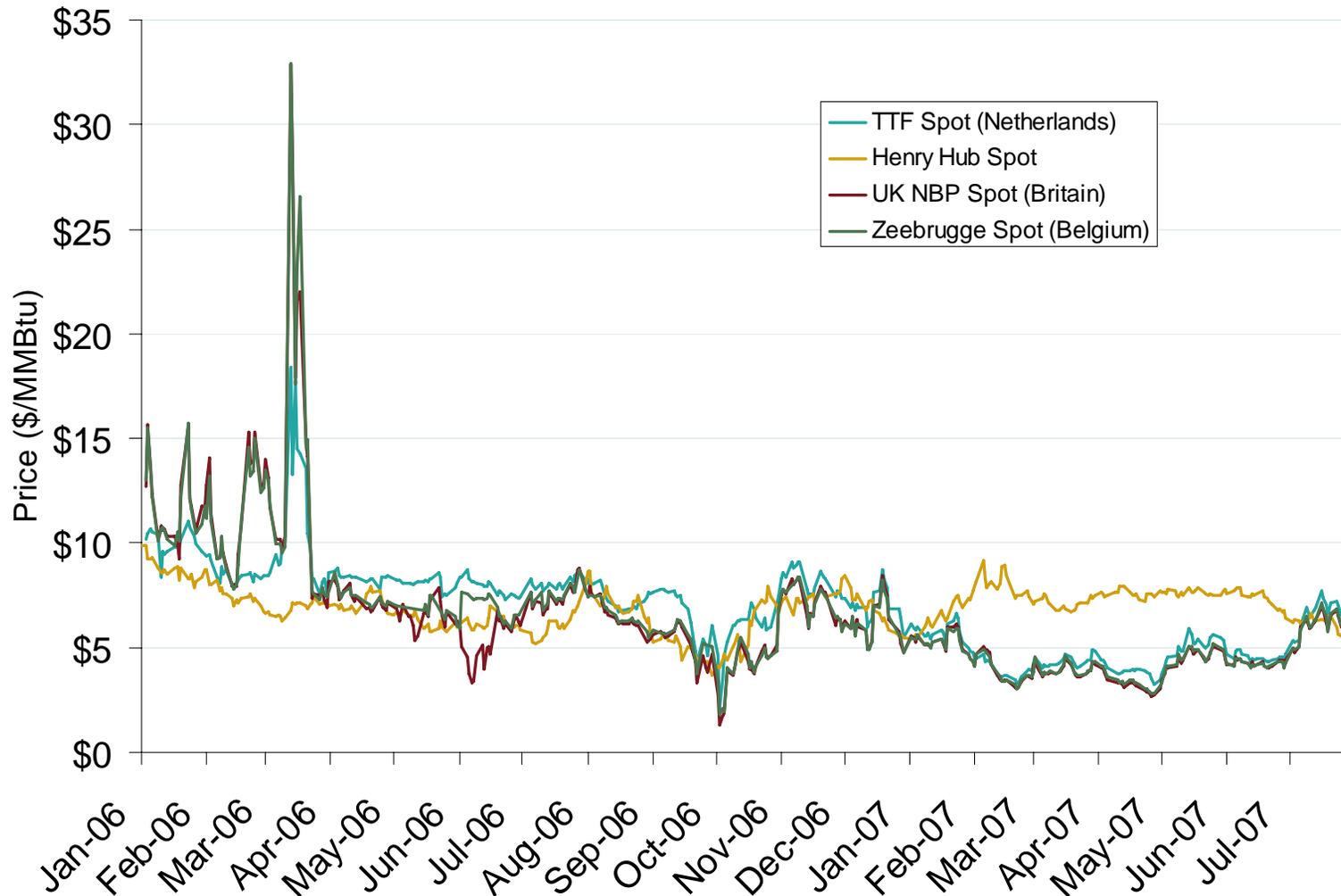
## Daily Gas Sendout from Existing U.S. LNG Facilities



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

Updated August 3, 2007

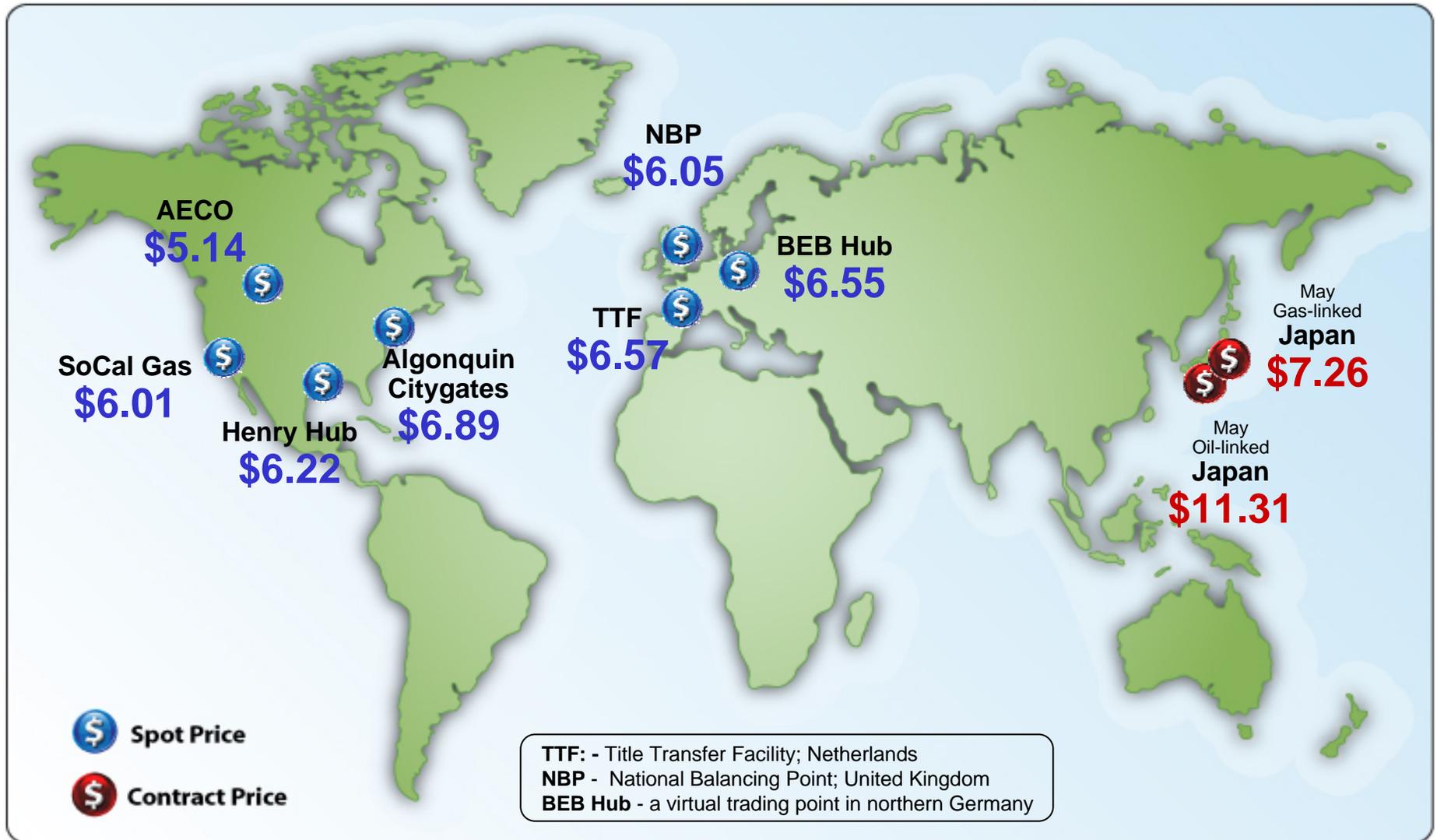
## European and U.S. Spot Natural Gas Prices



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

Updated August 3, 2007

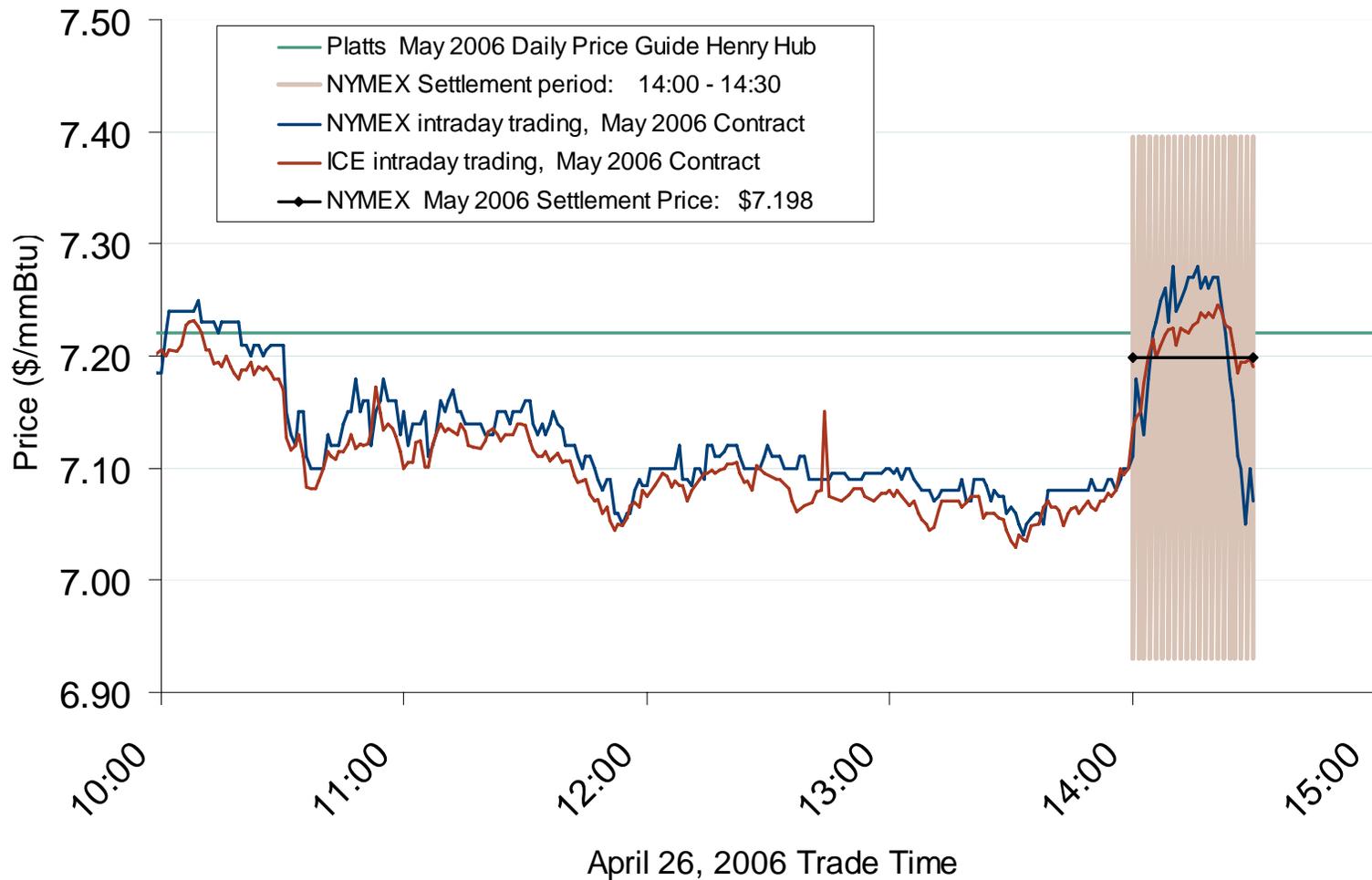
## World Natural Gas Prices for July 2007



Source: Derived from *Bloomberg, ICE, ICAP and LNG Japan Corp.* data. Spot Price is a monthly average of daily prices. Contract Price is a monthly price. All prices in \$US/MMBtu.

Updated August 3, 2007

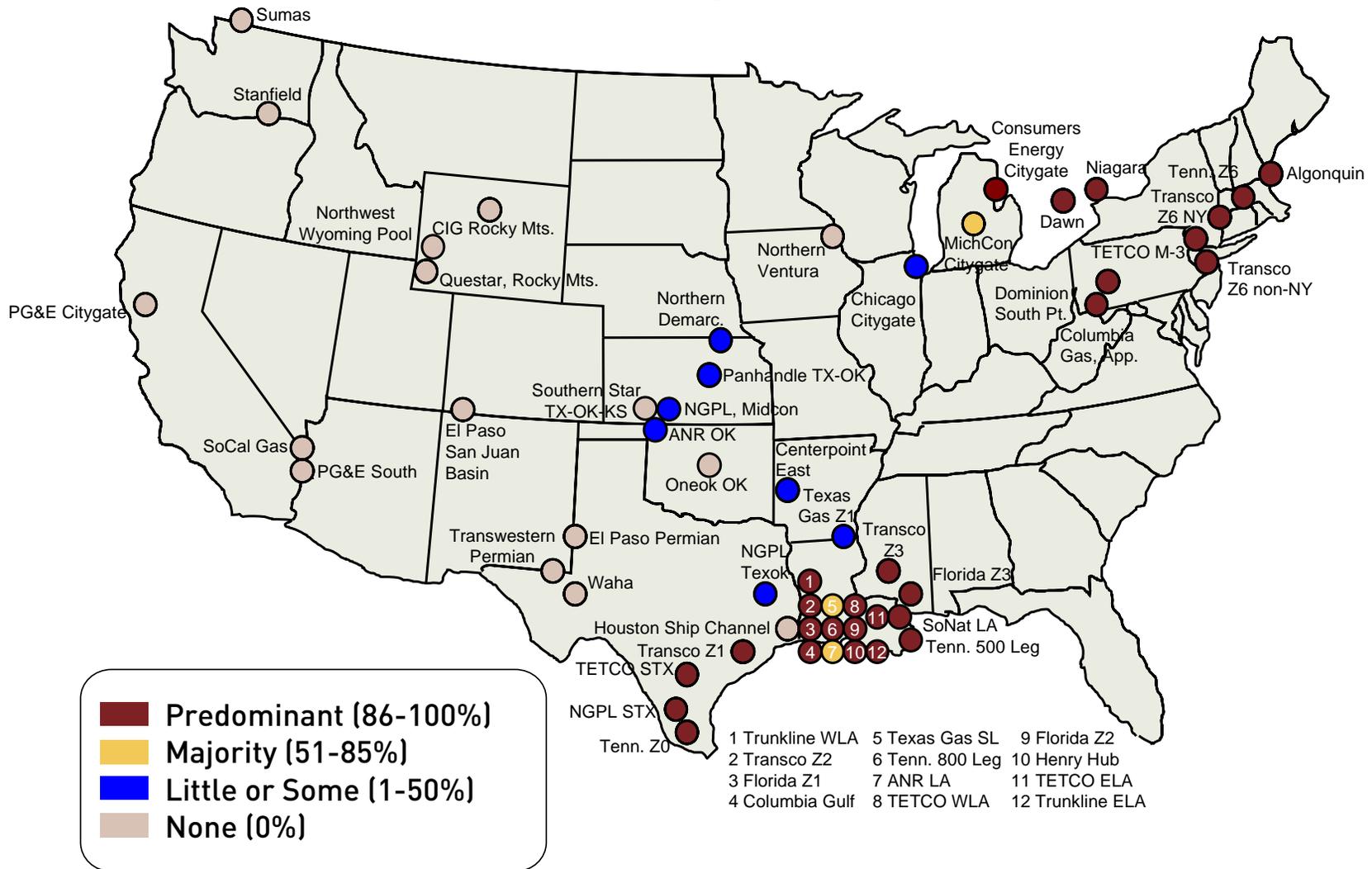
## May 2006 NYMEX and ICE Contract Final Settlement Day



Source: Derived from Nymex, ICE and Platts data.

Updated July 26, 2007

# Use of Physical Basis in Natural Gas Price Indices at Major Trading Points, 2007



Source: Derived from *Platts* data for January through June 2007.

Updated July 17, 2007