

OE ENERGY MARKET SNAPSHOT

Mid-Atlantic States Version

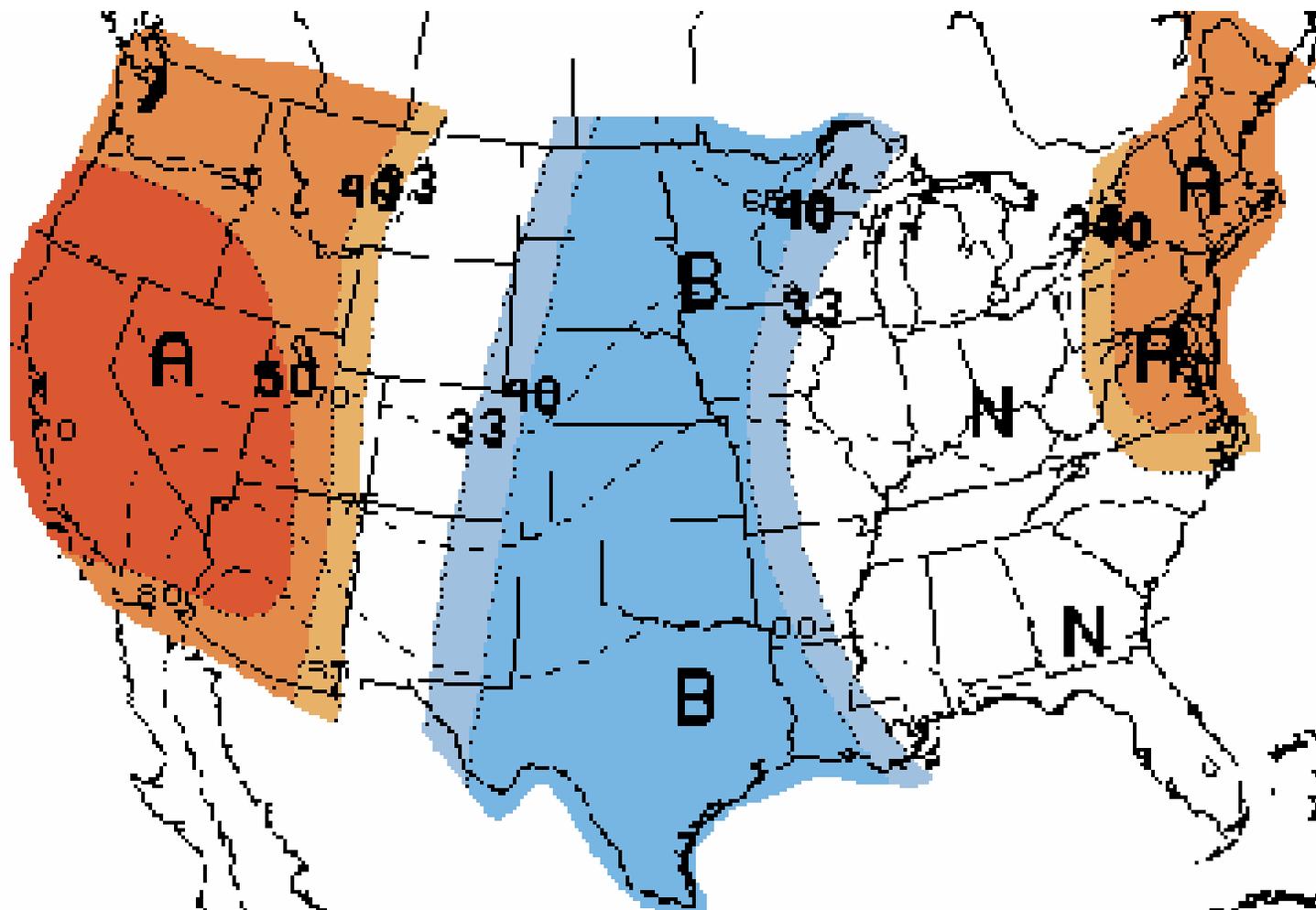
- **Market Fundamentals**
- **Prices and Market Analysis**

Office of Enforcement
Federal Energy Regulatory Commission
June 2007



Market Fundamentals

NOAA's 8 to 14 Day Temperature Forecast Made June 11, Valid for June 19-25, 2007



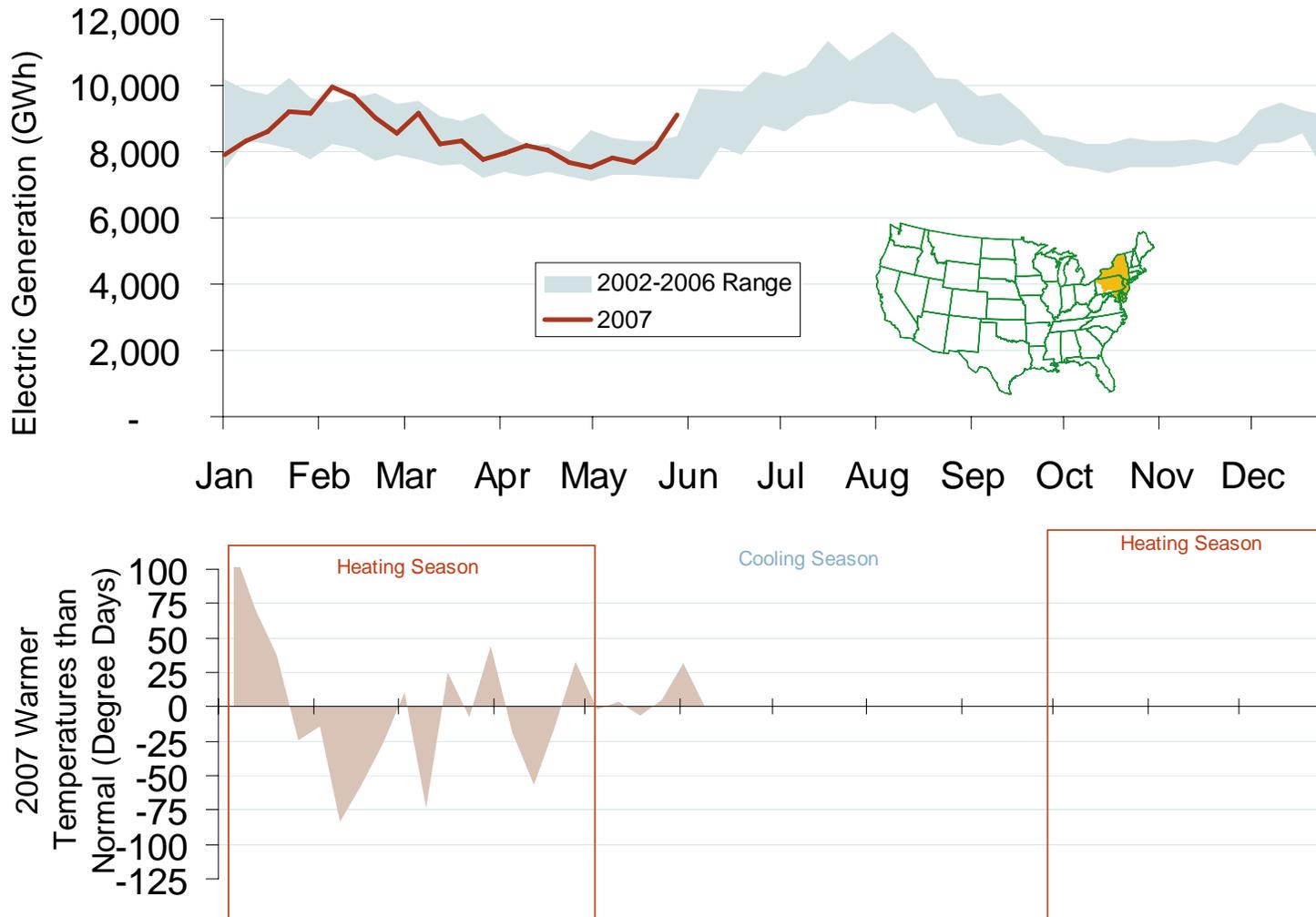
Note: "A" areas are above normal and "B" areas are below normal.

Source: NOAA

Updated June 12, 2007

3012

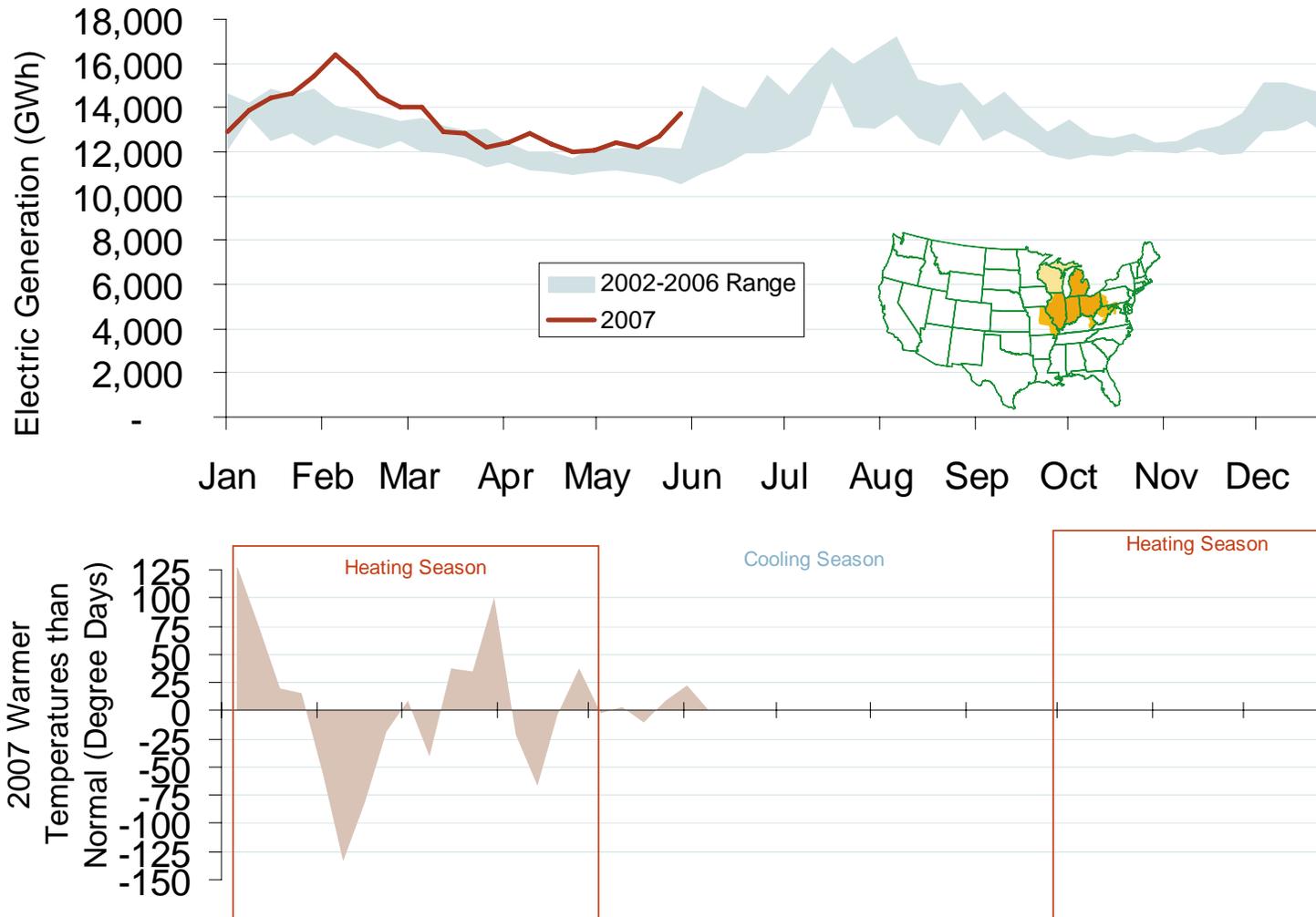
Weekly Electric Generation Output and Temperatures Mid Atlantic Region



Source: Derived from EEI and NOAA data.

Updated June 7, 2007

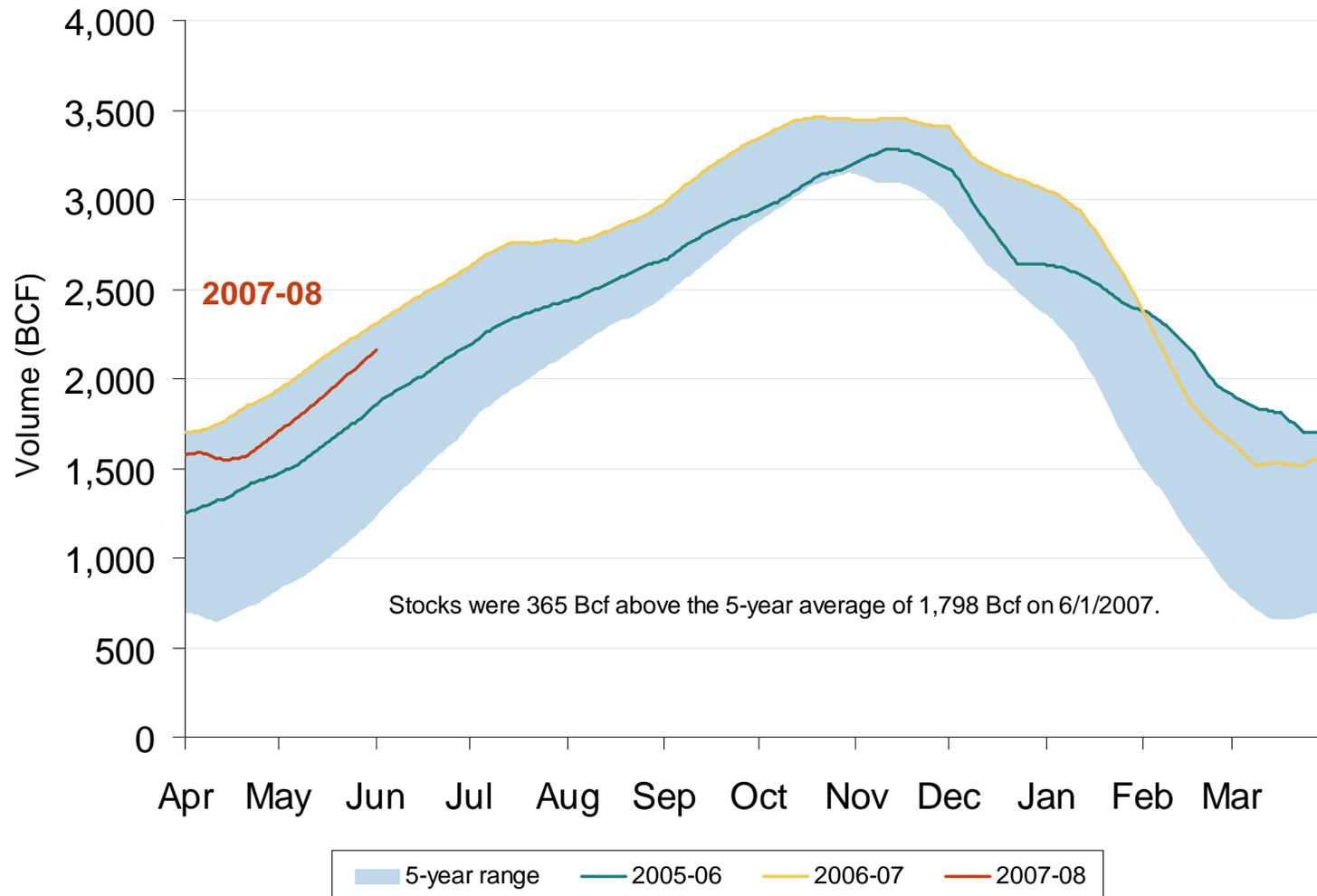
Weekly Electric Generation Output and Temperatures Central Industrial Region



Source: Derived from EEI and NOAA data.

Updated June 7, 2007

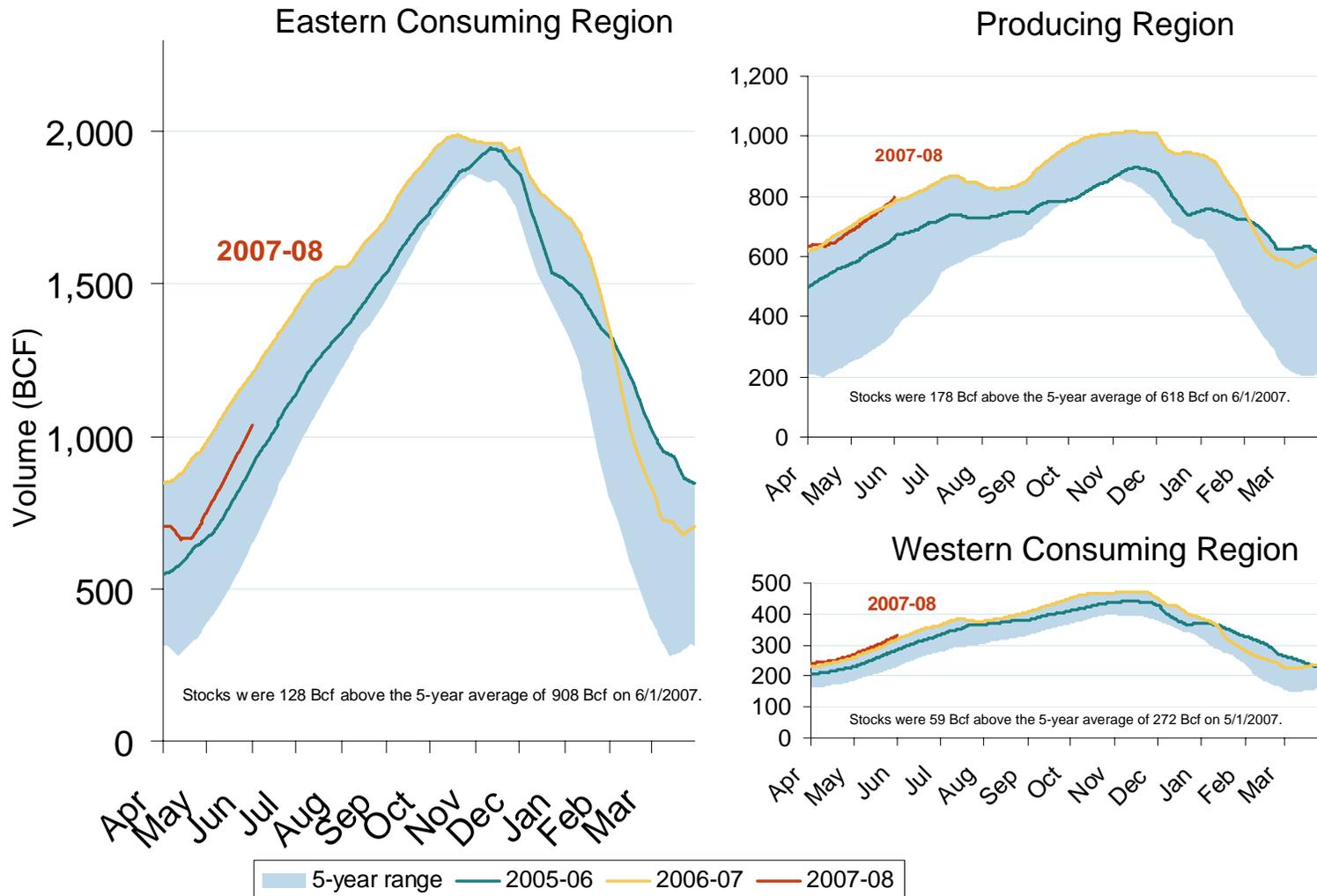
Total U.S. Working Gas in Storage



Source: Derived from EIA data.

Updated June 7, 2007

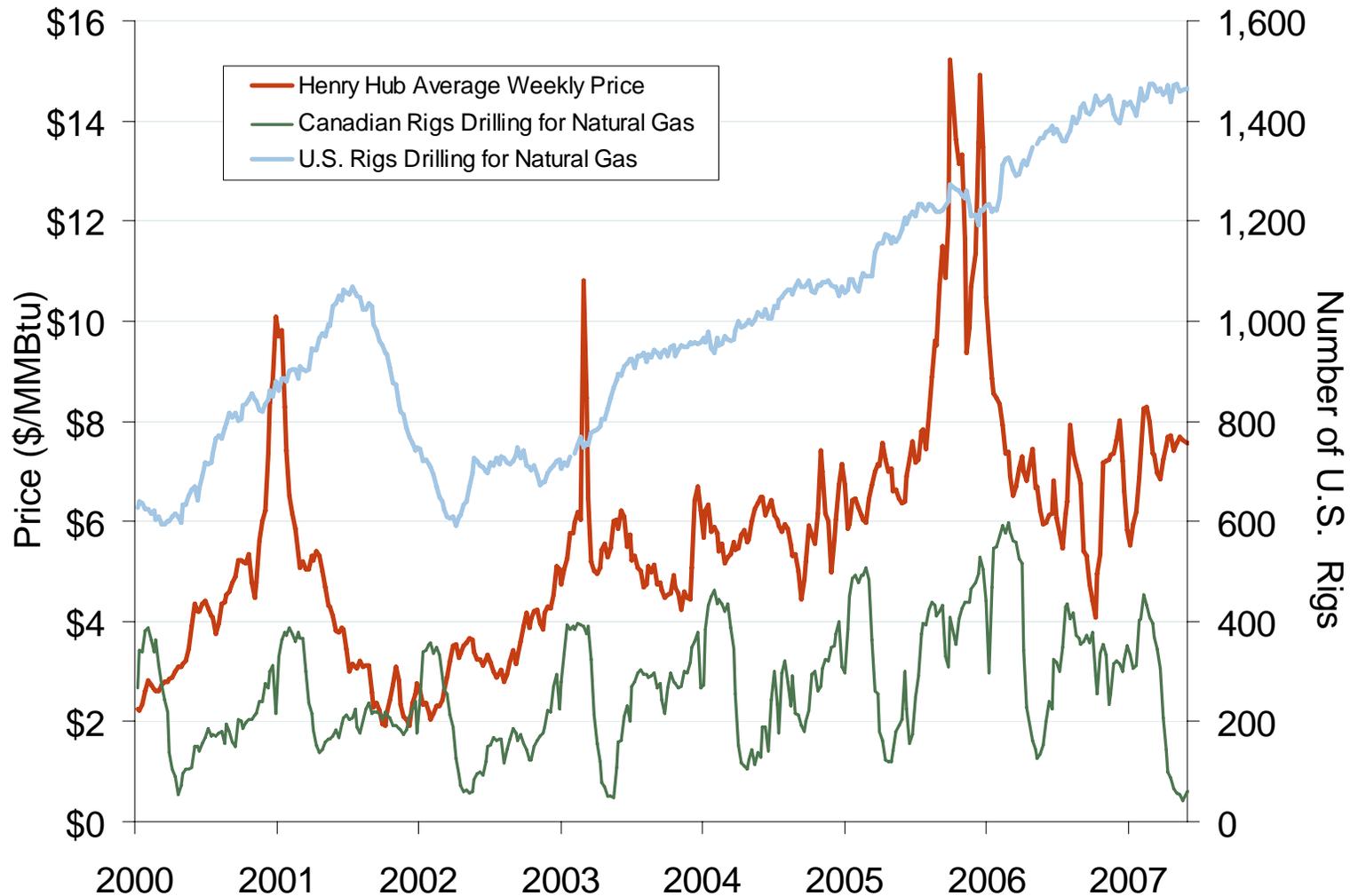
Regional Totals of Working Gas in Storage



Source: Derived from EIA data.

Updated June 7, 2007

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



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

Updated June 7, 2007

2007



Prices and Market Analysis

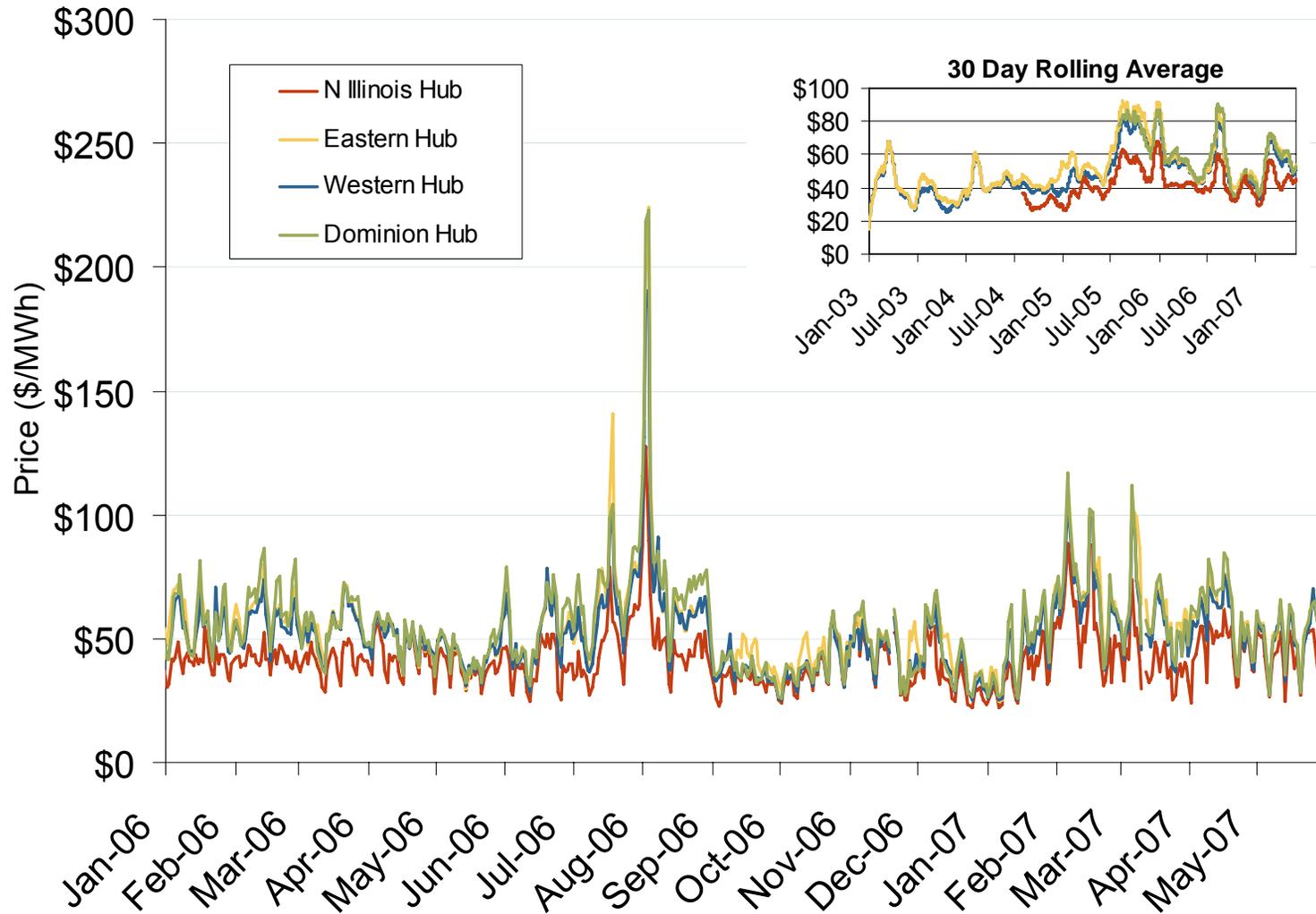
Daily Average of PJM Day-Ahead Prices - All Hours



Source: Derived from PJM data.

Updated June 7, 2007

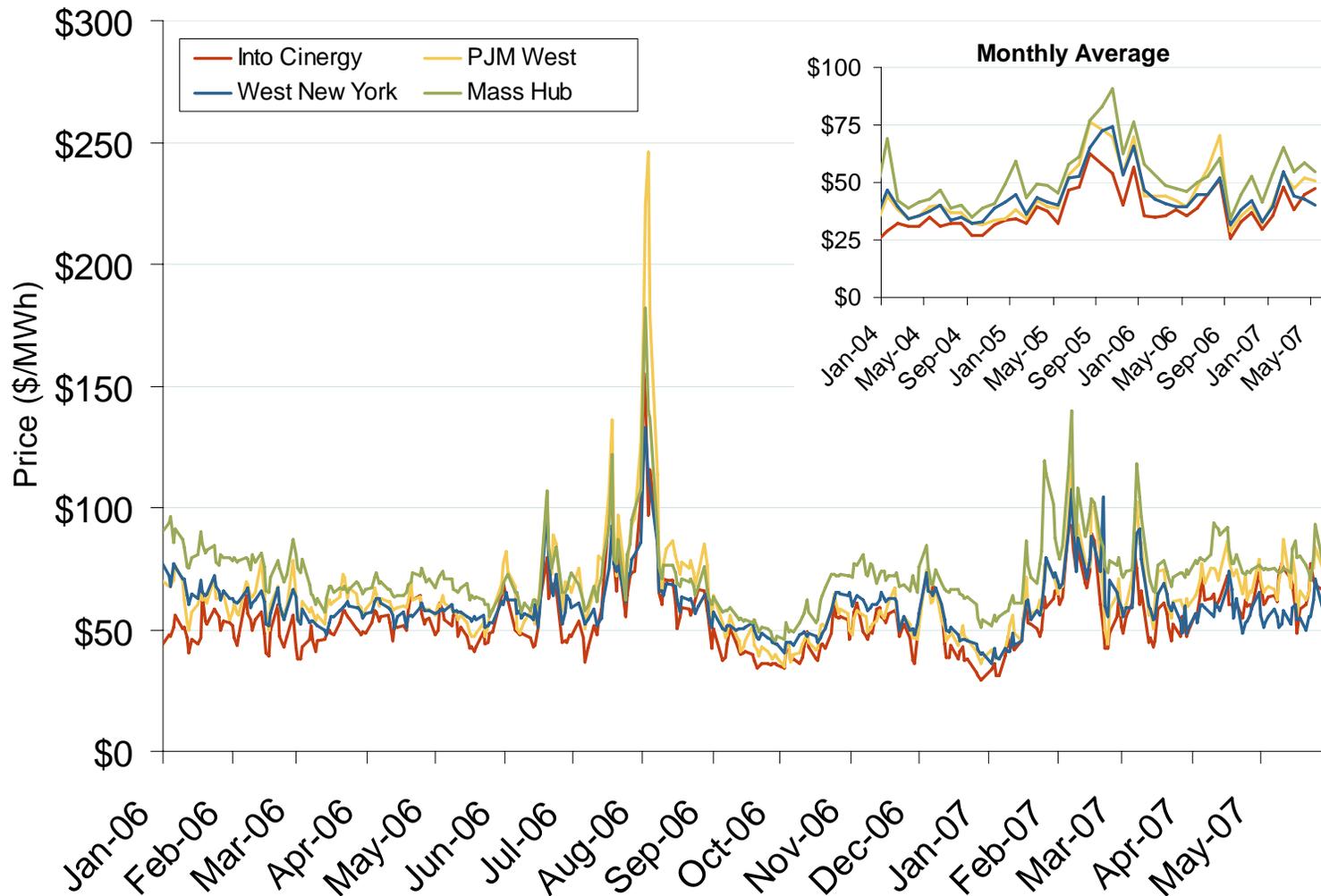
Daily Average of PJM Day-Ahead Prices - All Hours



Source: Derived from PJM data.

Updated June 7, 2007

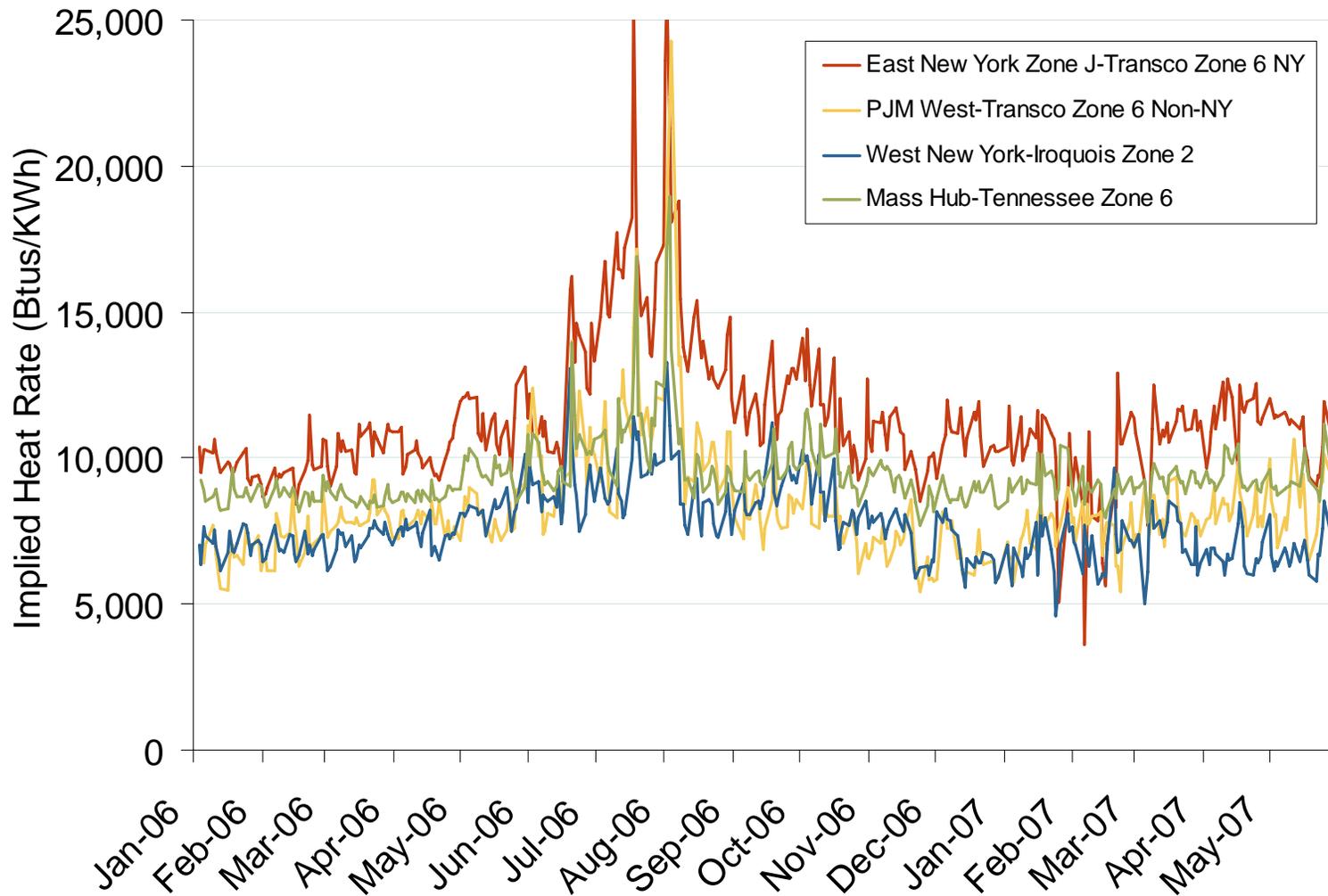
Eastern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from *Platts* data.

Updated June 7, 2007

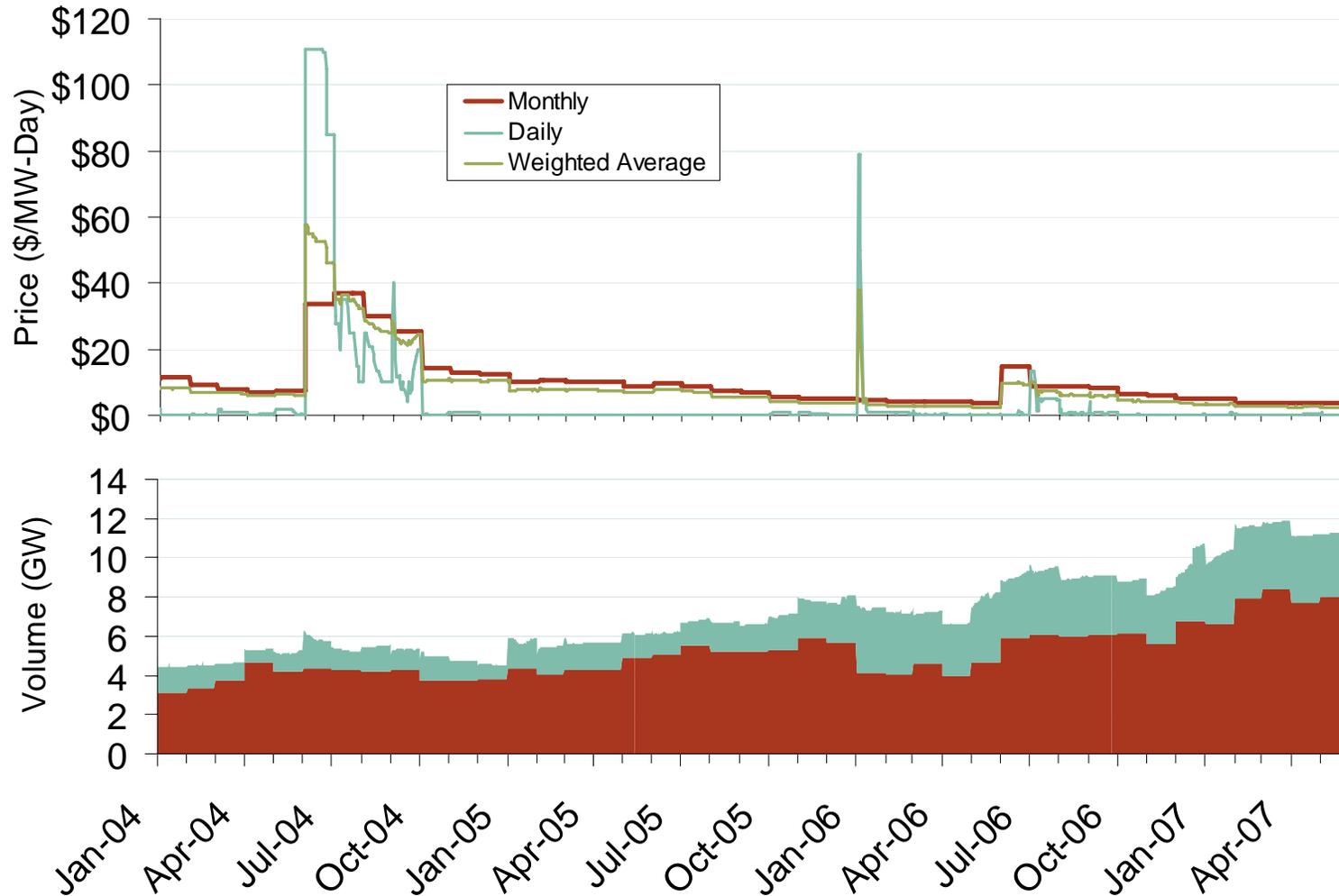
Implied Heat Rates at Eastern Trading Points



Source: Derived from *Platts* data

Updated June 7, 2007

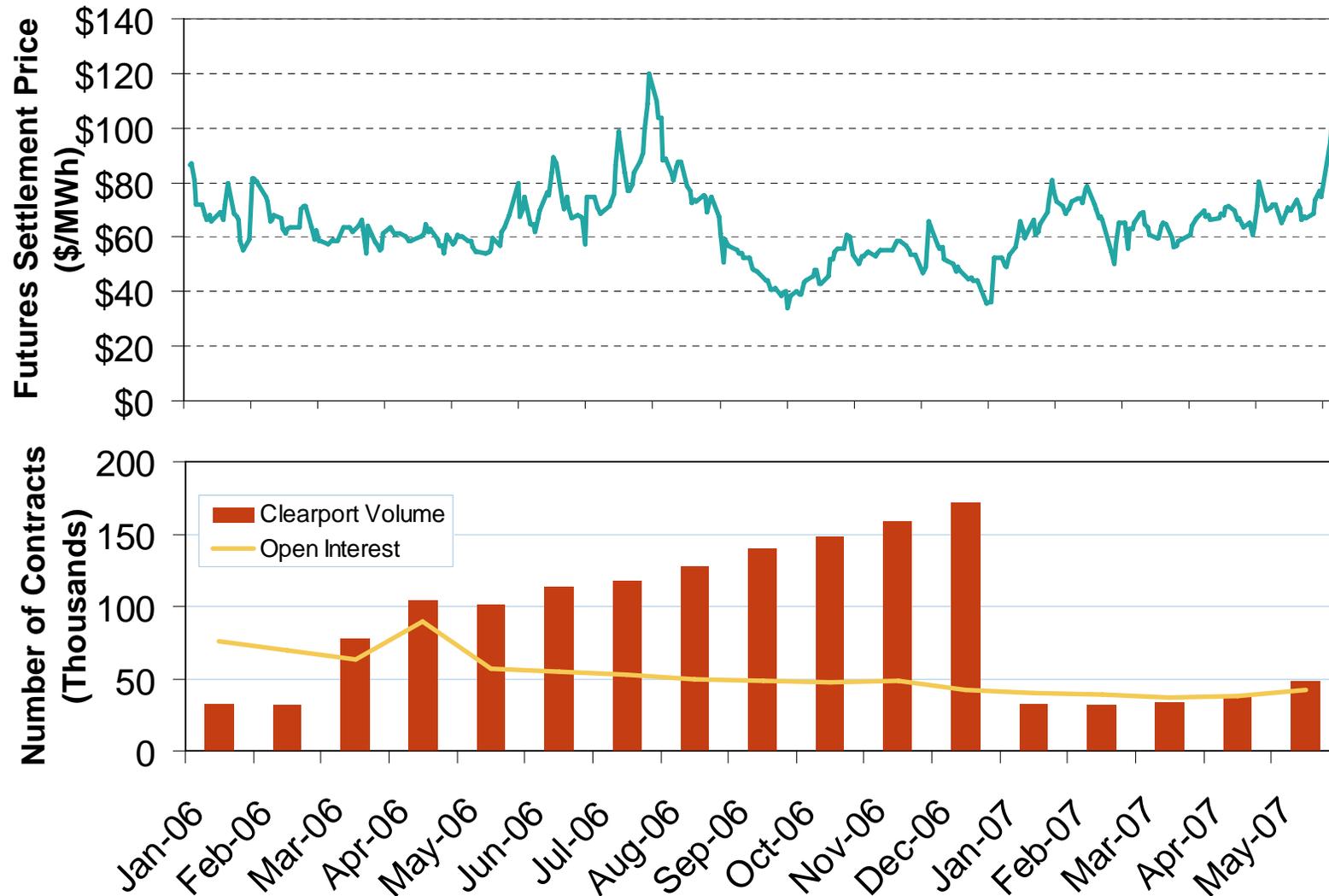
Weighted Average ICAP Clearing Prices and Volumes



Source: Derived from PJM data.

Updated June 7, 2007

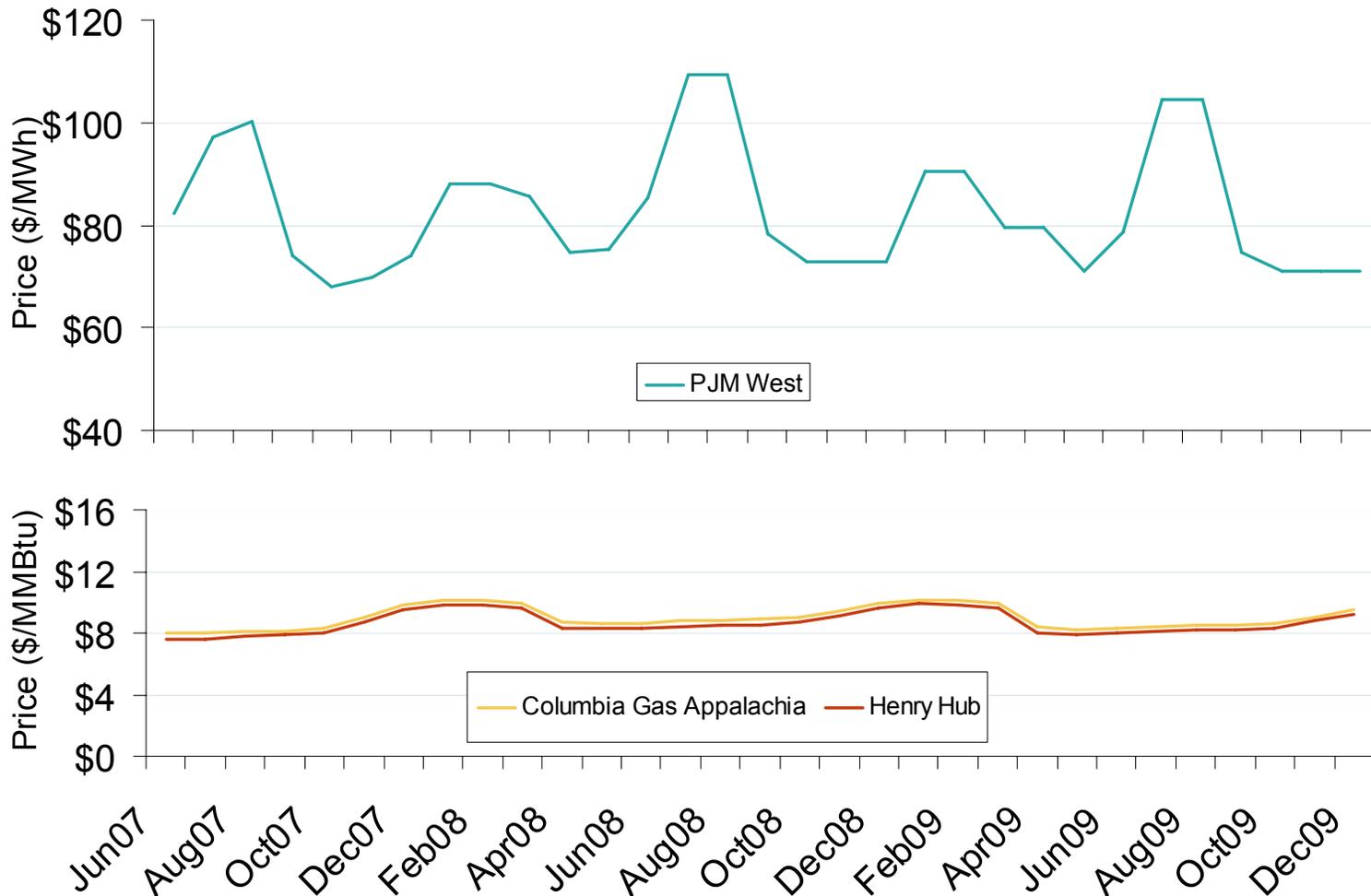
Daily Settlement Price, Monthly Volume and Open Interest



Source: Derived from Nymex data.

Updated June 7, 2007

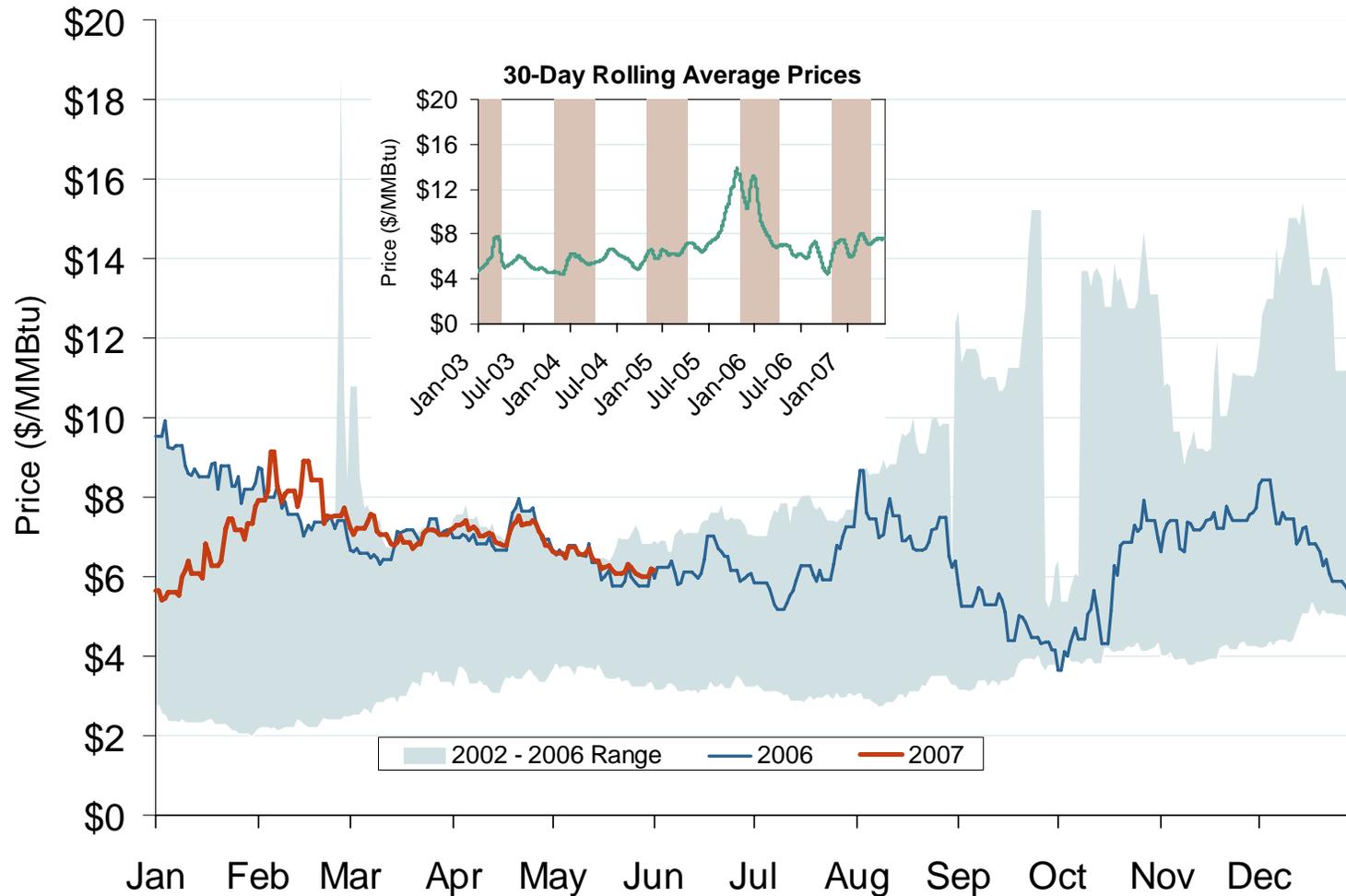
PJM West Electric Forward Price Curve and Selected Natural Gas Forward Curves



Source: Derived from Nymex data.

Corrected June 12, 2007

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

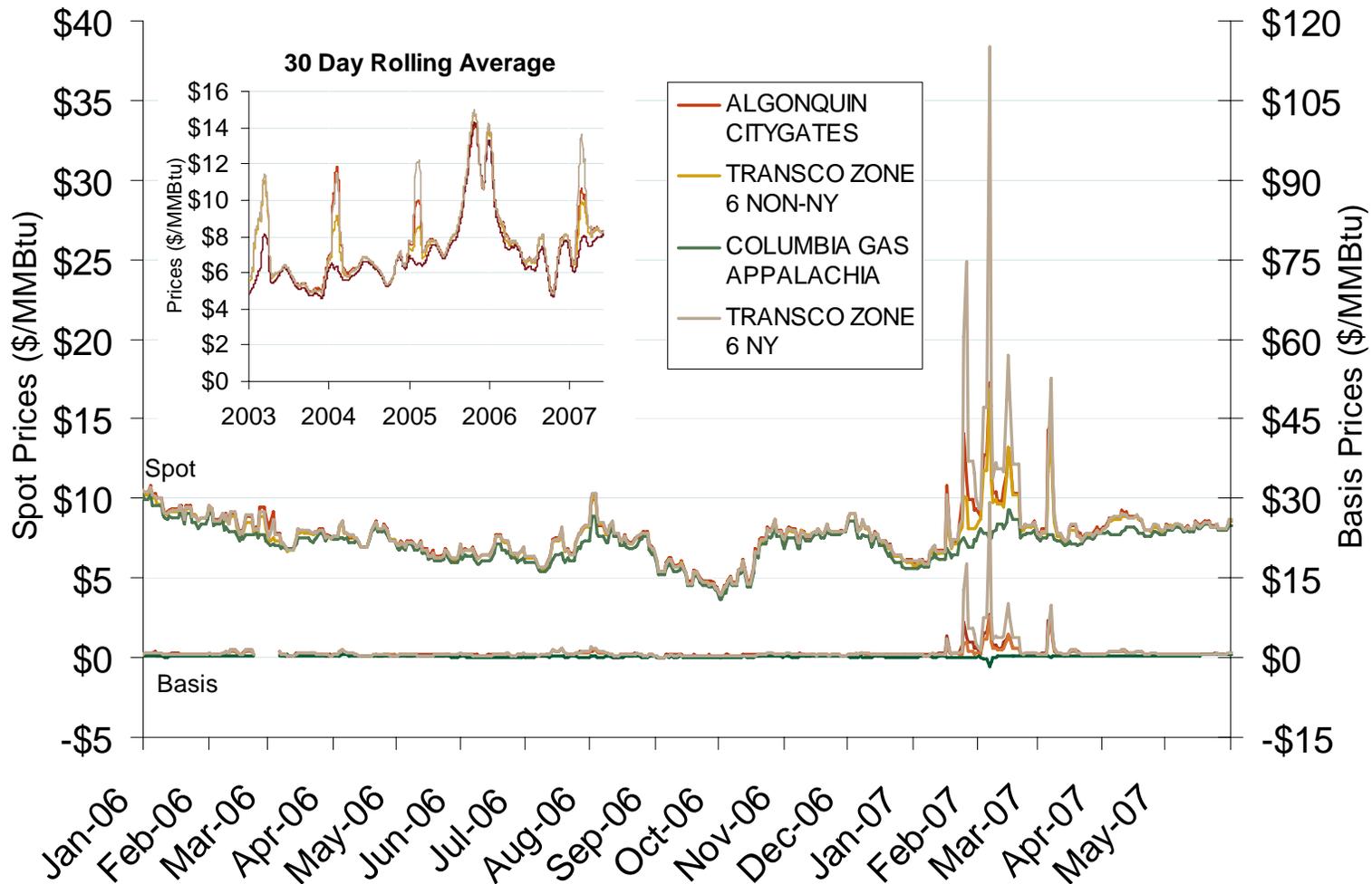


Source: Derived from *Platts* data.

Updated June 7, 2007

2085

Northeastern Day-ahead Hub Spot Prices and Basis

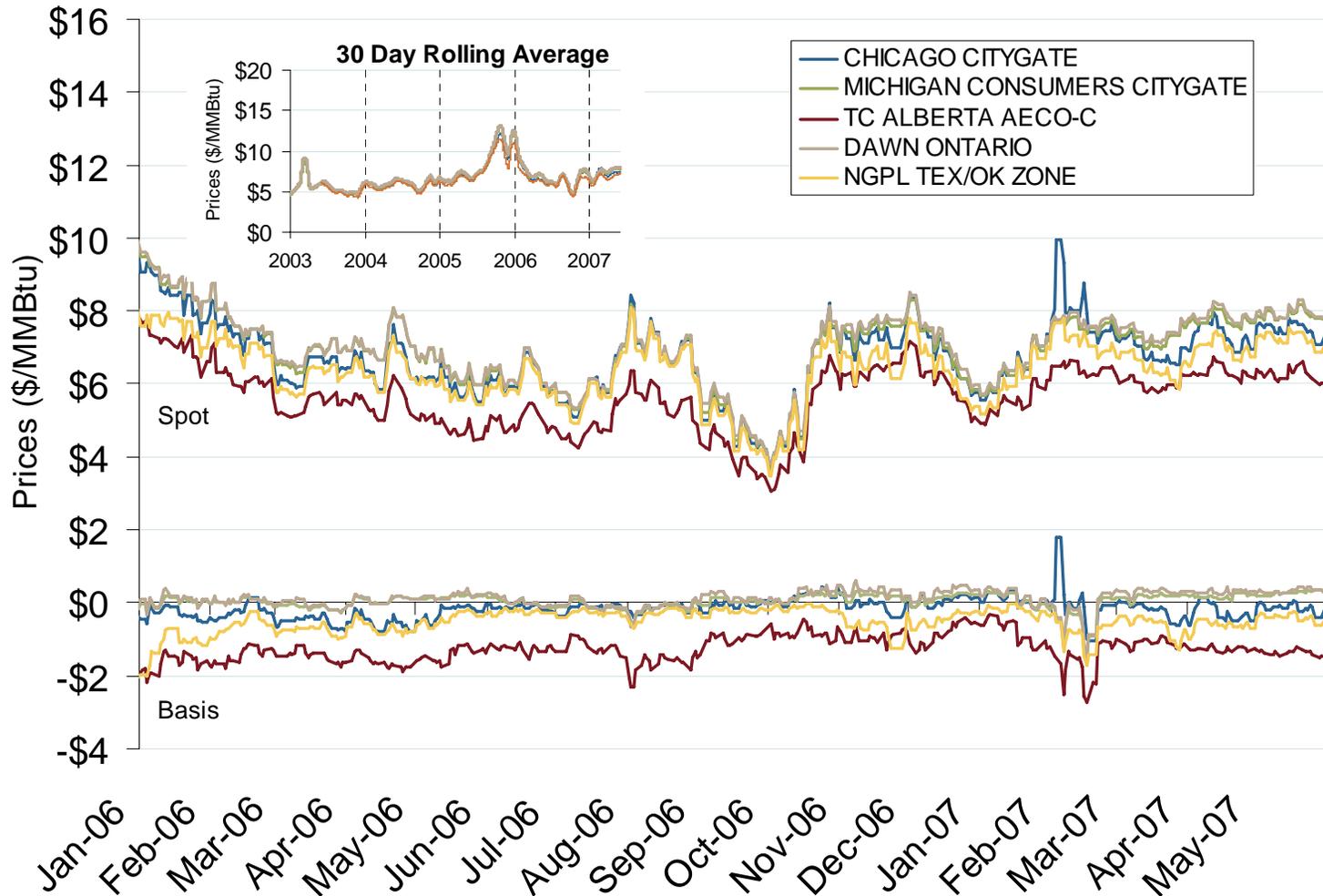


Source: Derived from *Platts* data.

Updated June 7, 2007

2030

Midwestern Day-Ahead Hub Spot Prices and Basis

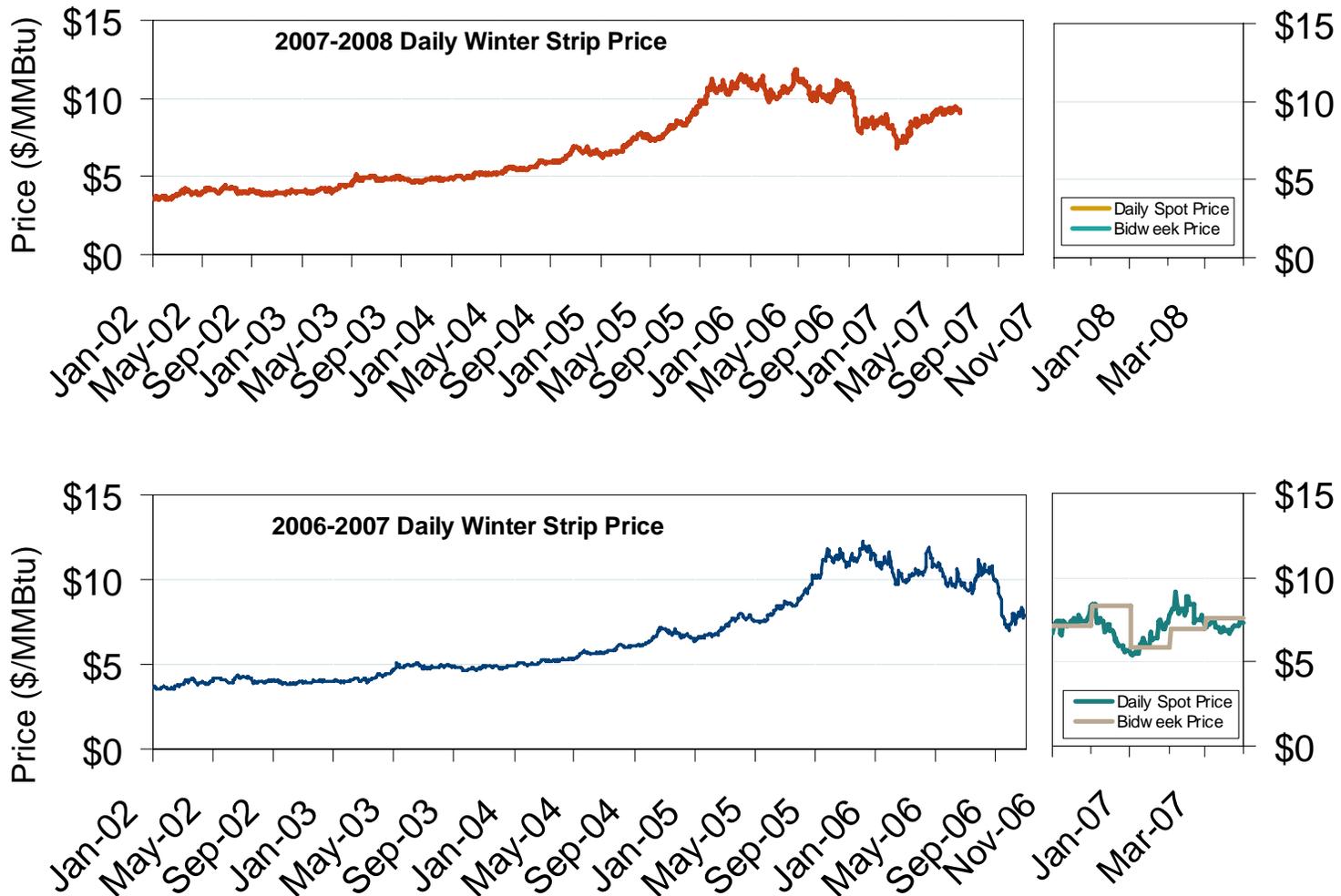


Source: Derived from *Platts* data.

Updated June 7, 2007

2016

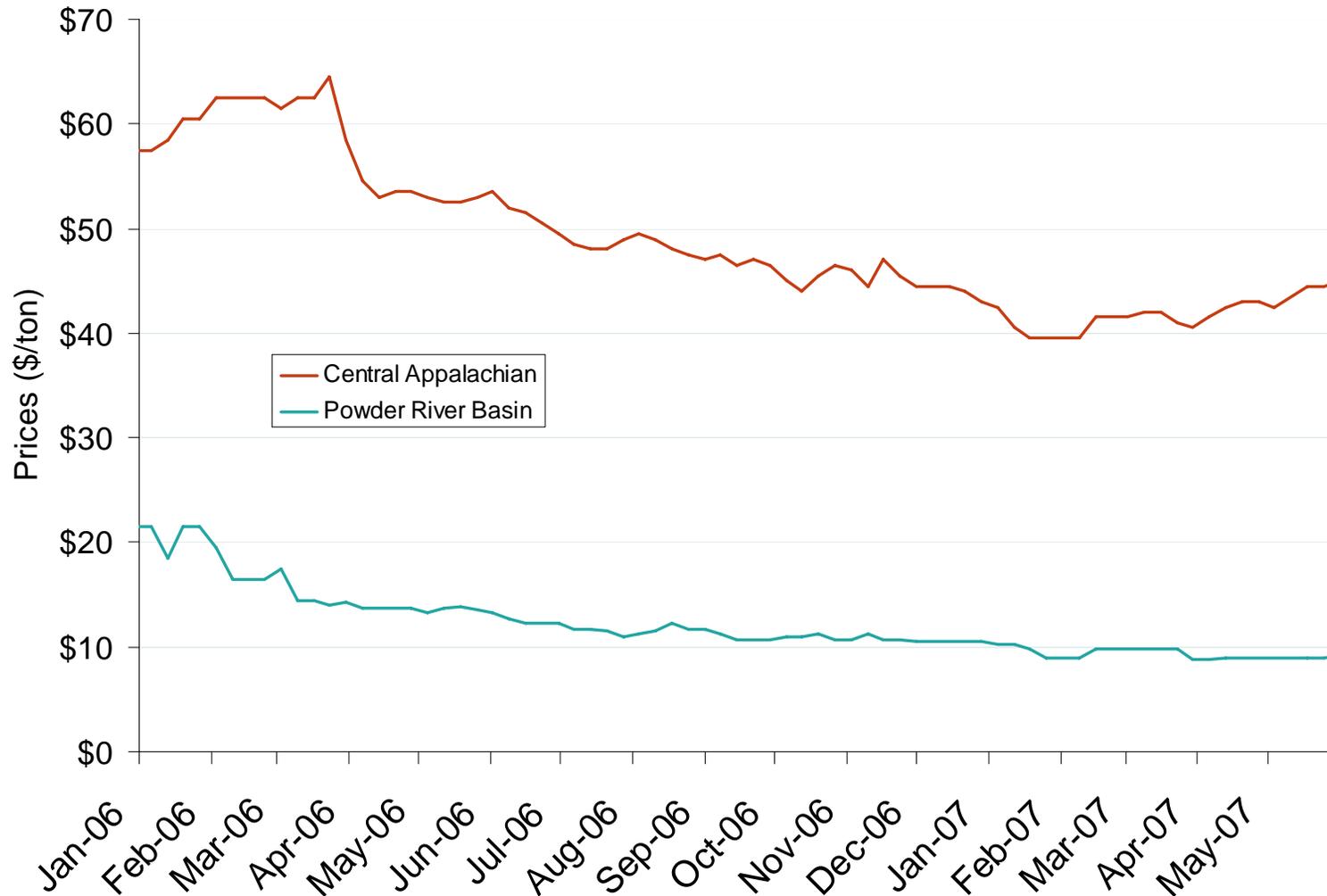
Natural Gas Winter Futures Strip and Daily Henry Hub Spot and Bidweek Prices



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

Updated June 7, 2007

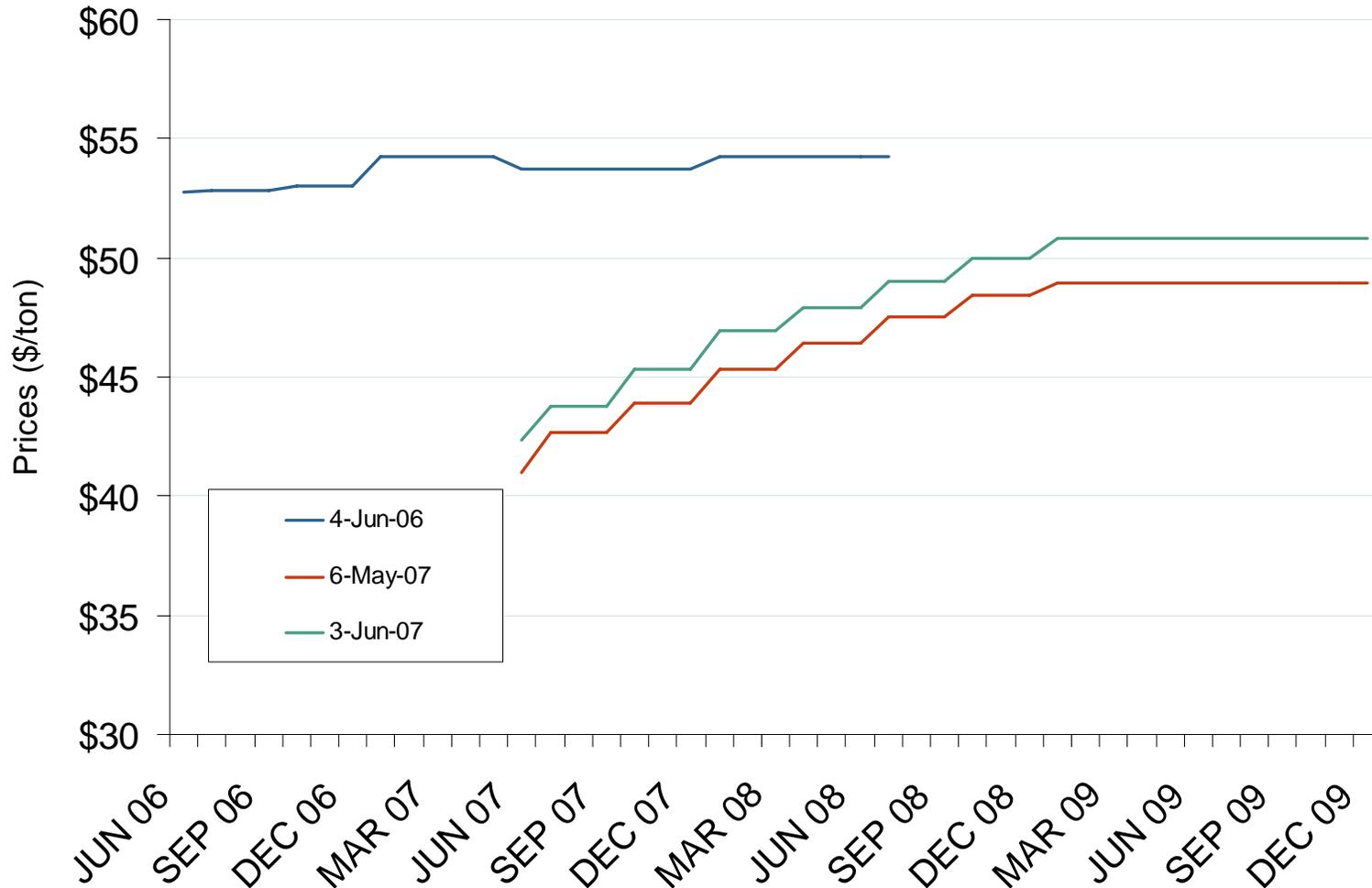
Central Appalachian and Powder River Basin Coal Prices



Source: Derived from *Bloomberg* data.

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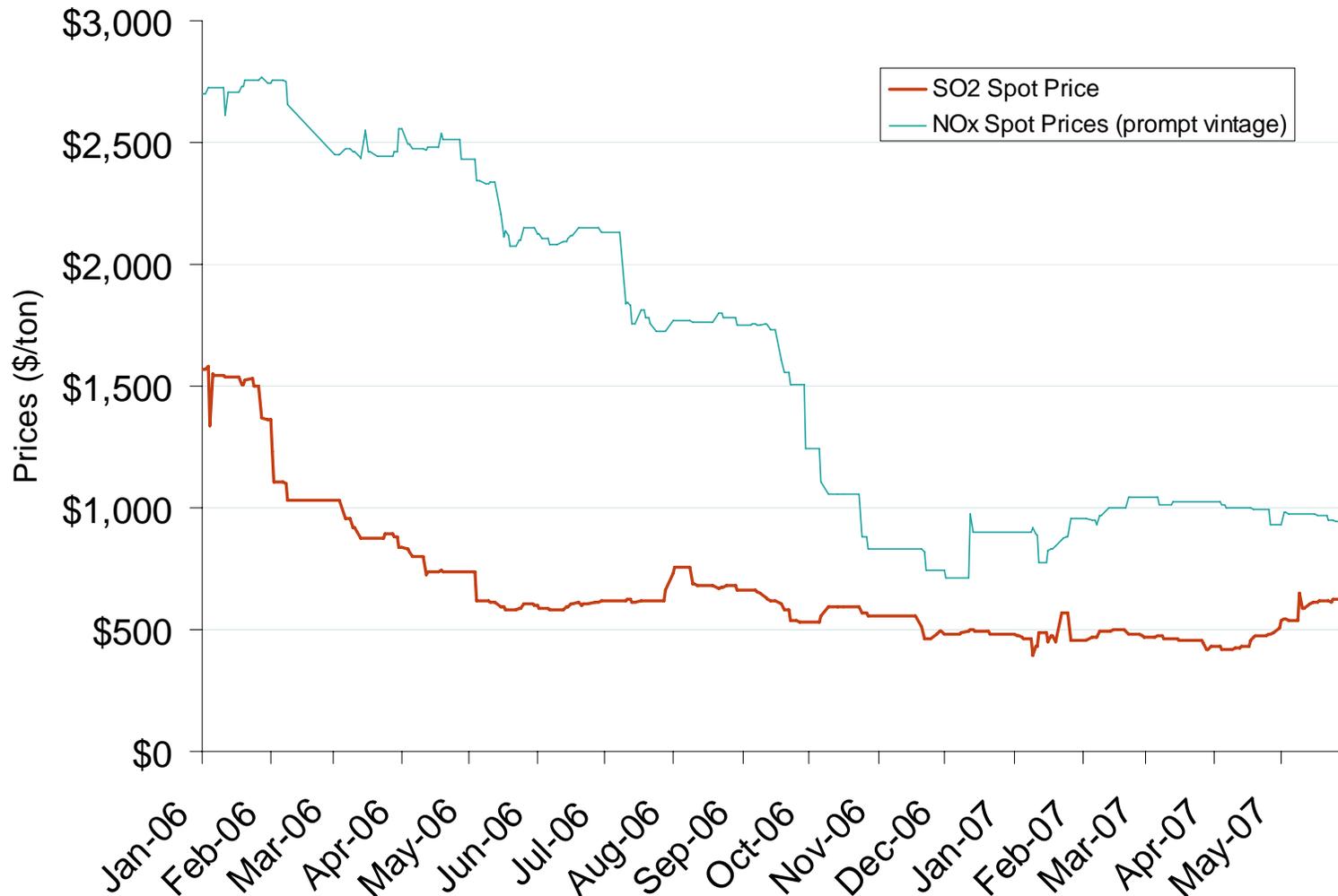
Central Appalachian Coal Futures Prices



Source: Derived from Nymex data.

Updated June 7, 2007

SO₂ and NO_x Allowance Spot Prices

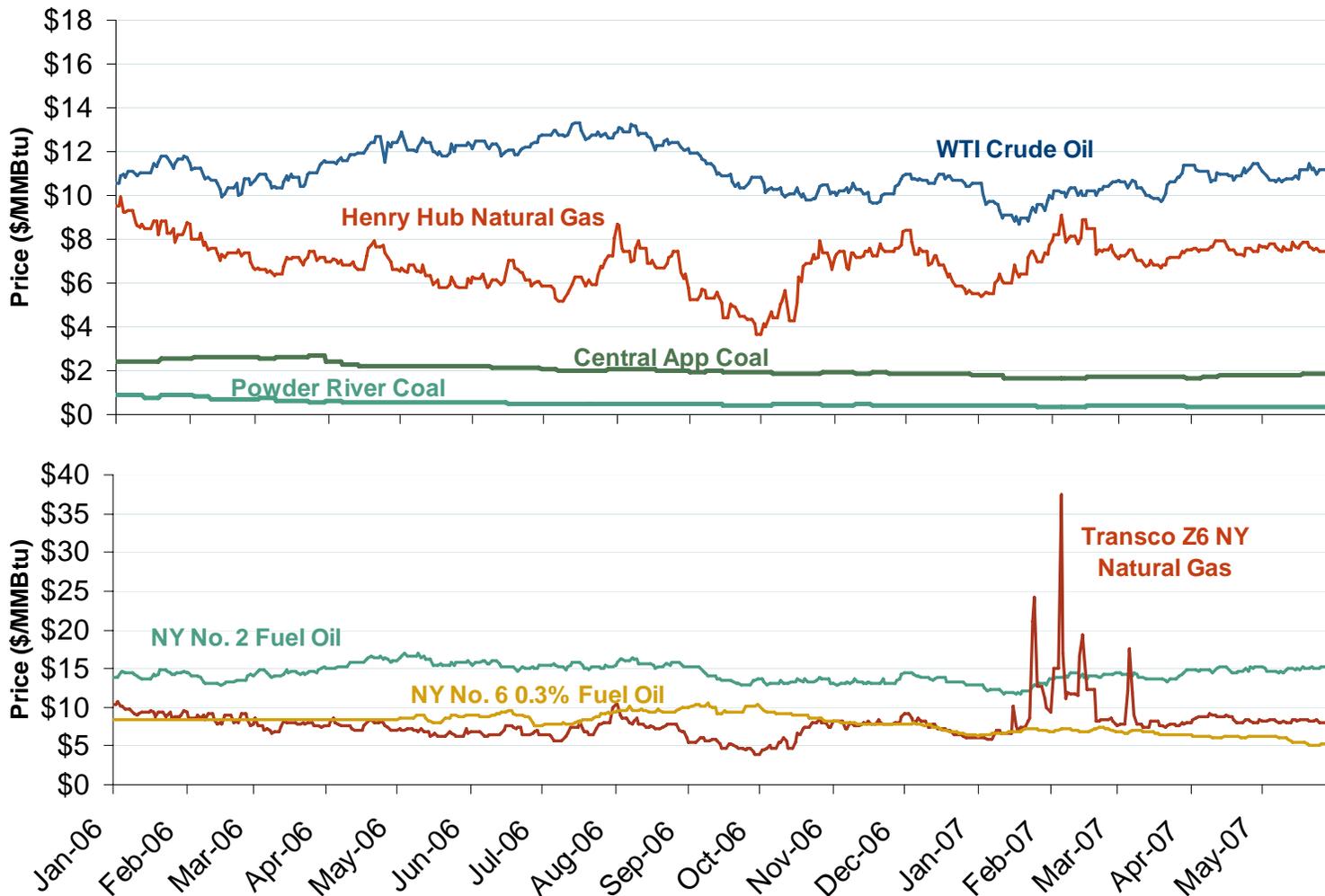


Source: Derived from Cantor Fitzgerald data.

See notes on following pages.

Updated June 7, 2007

Oil, Coal and Natural Gas Daily Spot Prices

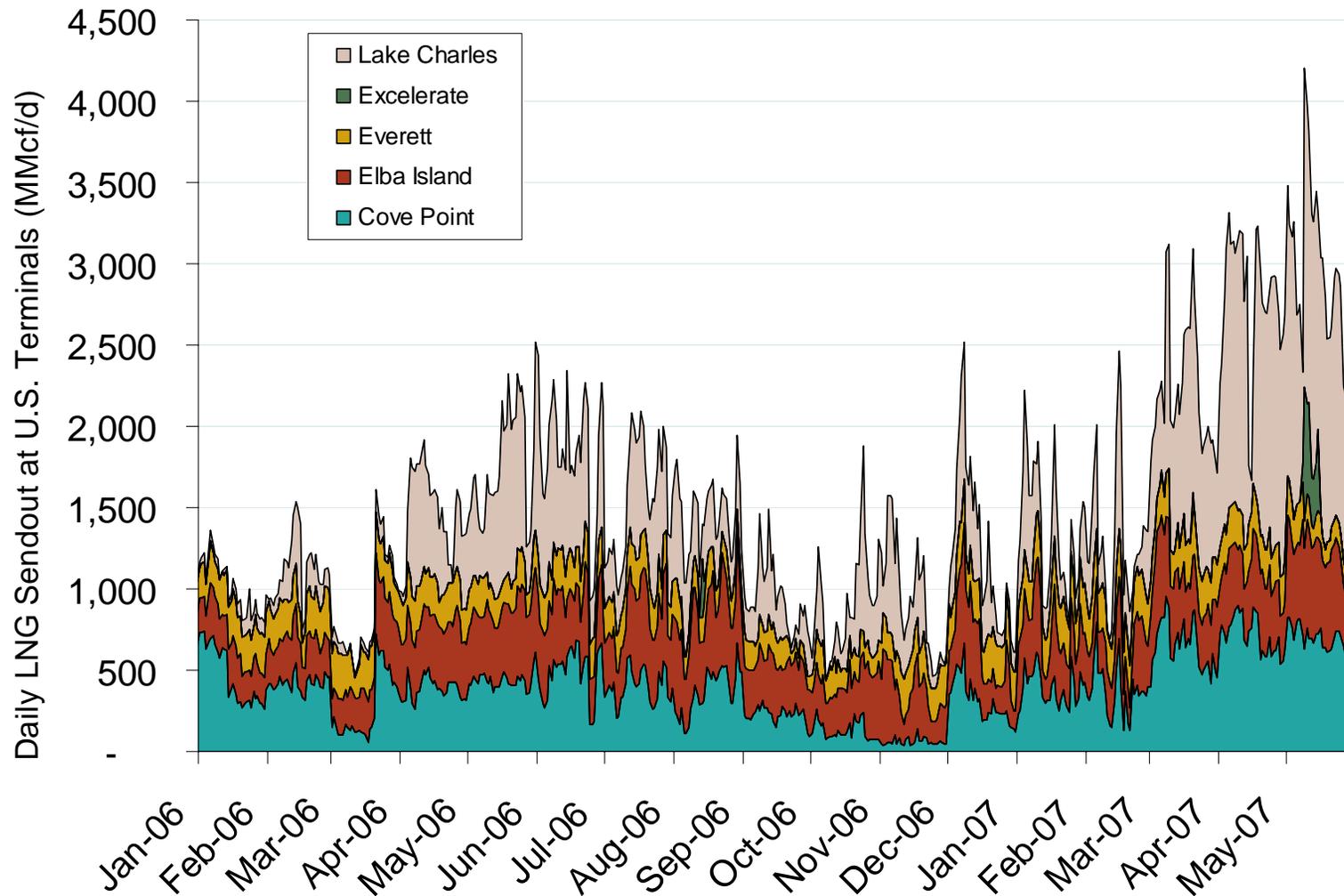


Source: Derived from ICE and Bloomberg data.

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.

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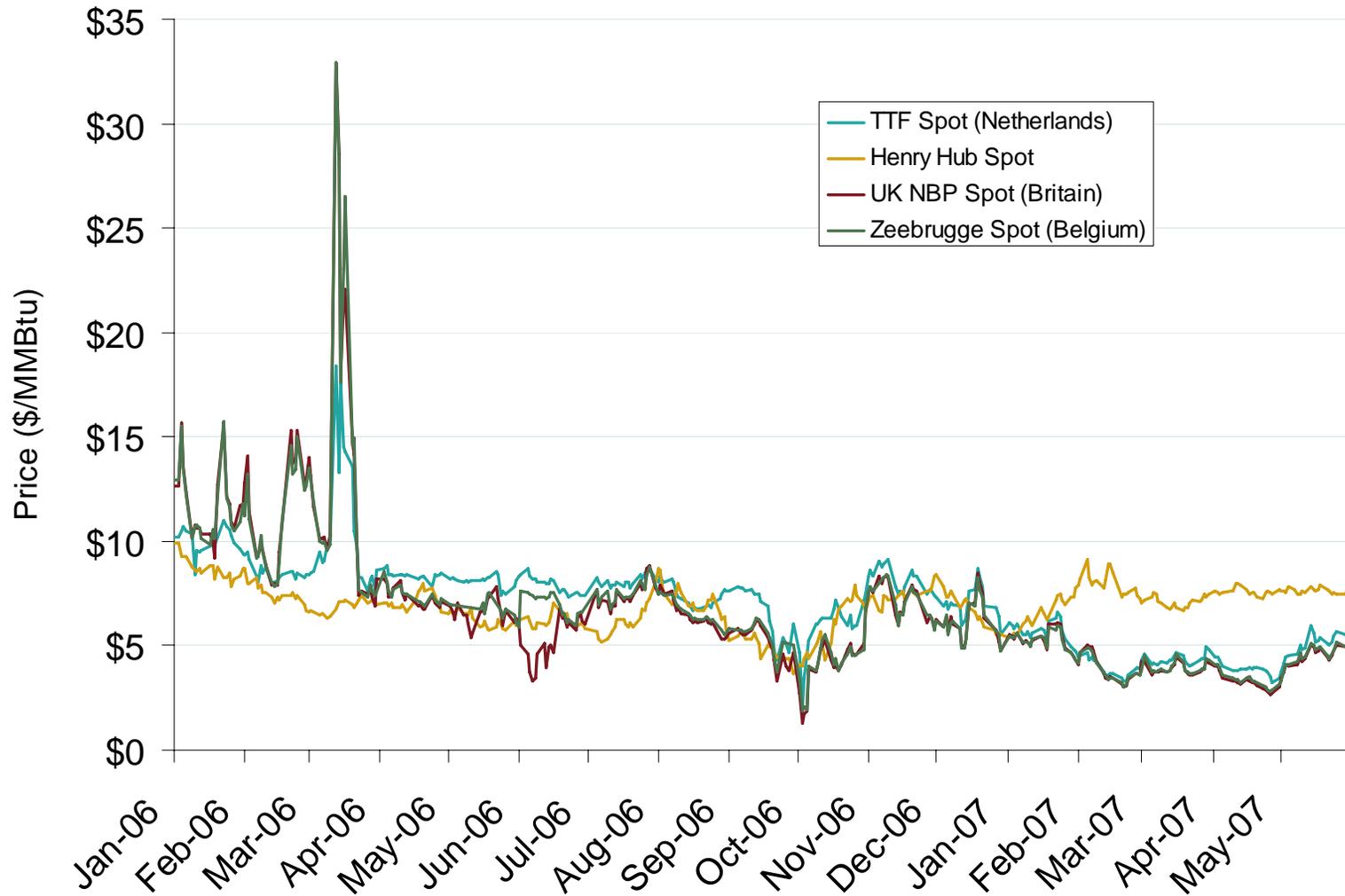
Daily Gas Sendout from Existing U.S. LNG Facilities



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

Updated June 7, 2007

European and U.S. Spot Natural Gas Prices

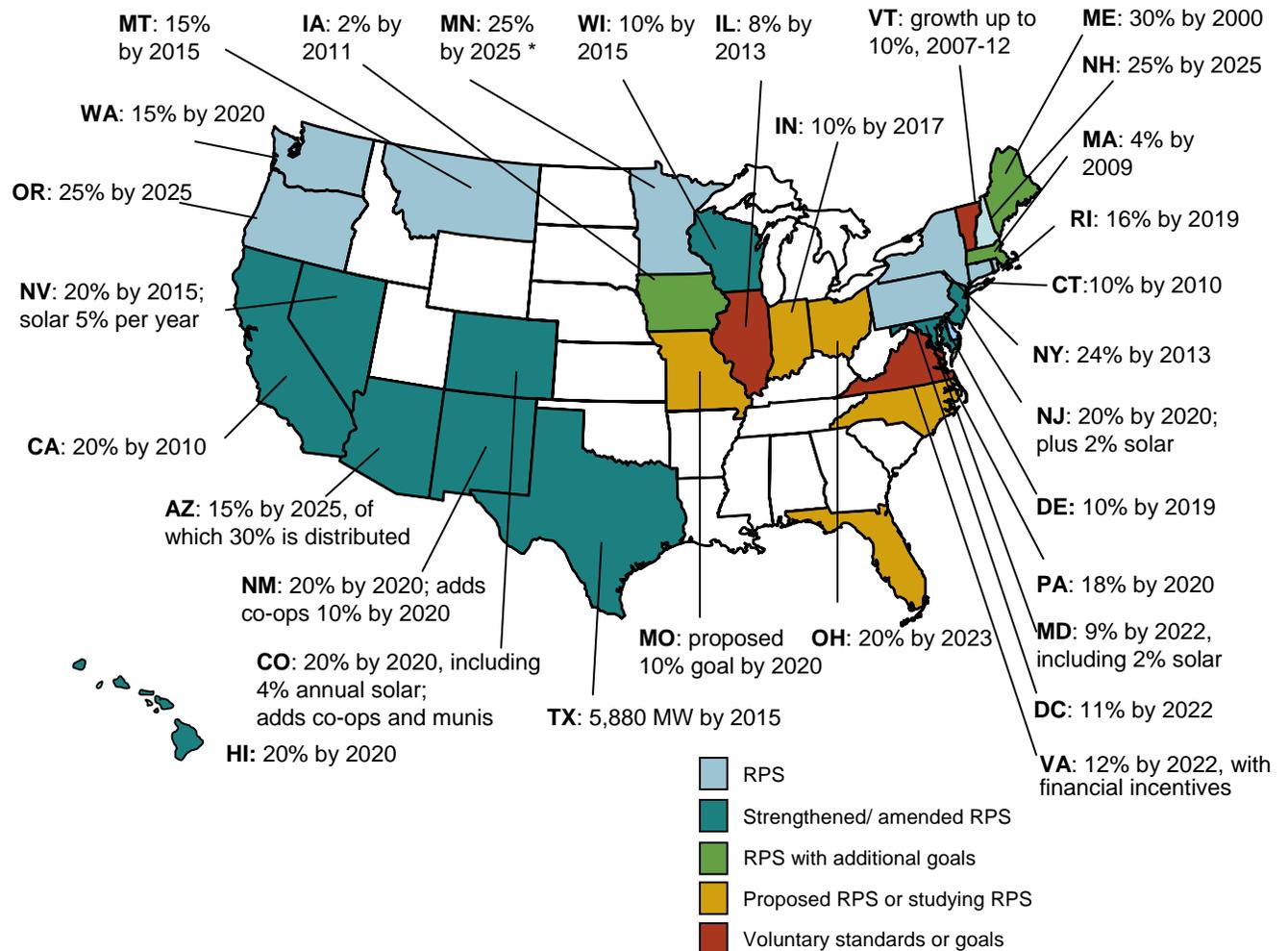


Source: Derived from *Bloomberg* and *ICE* data.

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Renewable Energy Portfolio Standards (RPS)

- A RPS requires a percent of energy sales or installed capacity to come from renewable resources.
- 23 states and DC have renewable energy standards. Three have goals only. Oregon passed an RPS in May. Bills in North Carolina and Florida ordered studies of RPS feasibility.
- States that adopted transmission planning and cost recovery policies to support new renewable generation include California, Colorado, Minnesota, New Mexico and Texas.



* 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.