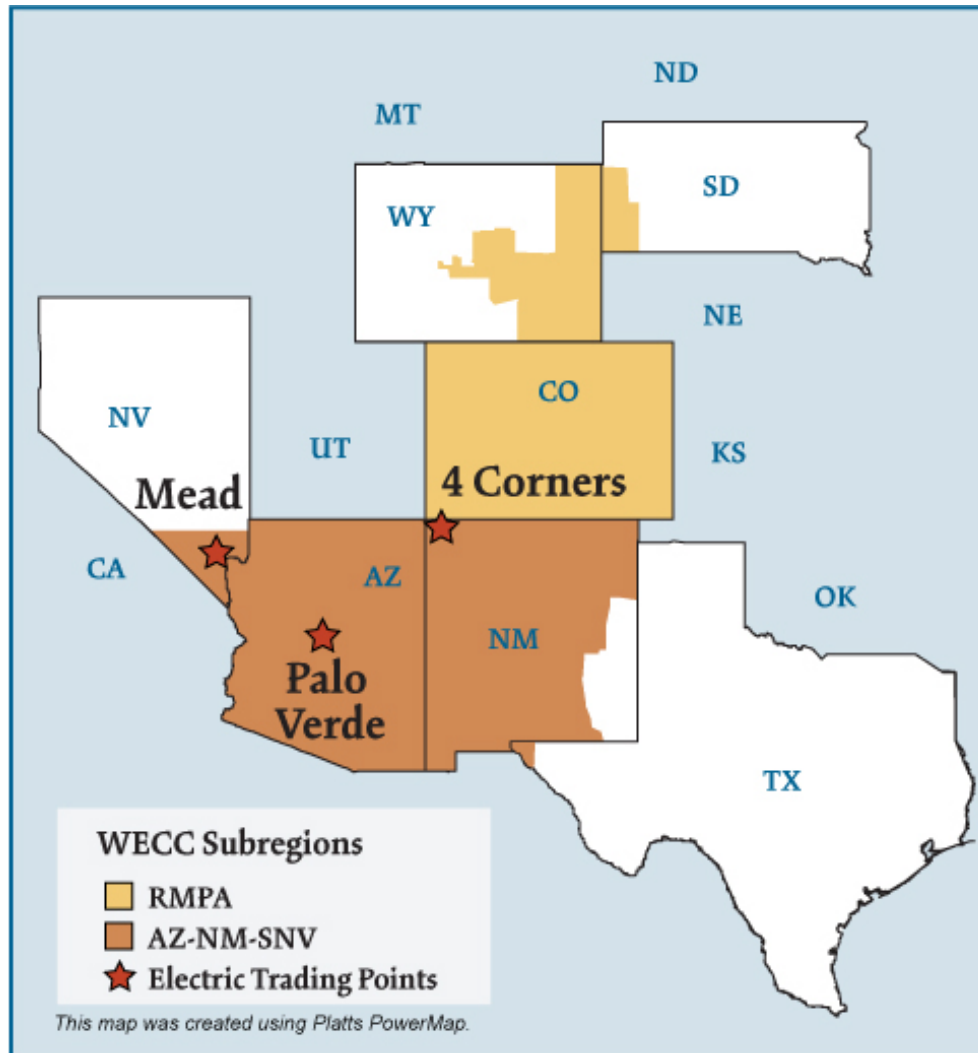


## Southwest Electric Regions



## Overview

### Geography

States covered: All or most of Arizona, New Mexico, Colorado and parts of Nevada, Wyoming and South Dakota.

Reliability region: Rocky Mountain Power Area (RMPA) and Arizona/New Mexico/Southern Nevada Power Area (AZNMSNV) sub-regions of the Western Electric Coordinating Council (WECC)

Balancing authorities: See list on page 5.

Hubs: Four Corners, Mead, Palo Verde

### RTO/ISO

None

### Generation/Supply

Marginal fuel type: Natural gas

Generating capacity: 45,459 MW (2005)

Capacity reserve: 8,940 MW (2005)

Reserve margin: 24% (2005)

The region has a surplus of generating capacity, with much of the generation in Arizona and the Four Corners area. Transmission capacity to the California market is often fully utilized in the high load periods of the summer. In 2005, the regional reserve margin decreased from 2004 as demand growth outpaced supply additions.

**Demand**

Peak demand: 36,519 MW (2005)

Peak demand growth: 3.5% (2004–2005)

**Prices**

Annual Average of Daily Bilateral Day Ahead On-Peak Prices

Platts "Palo Verde" Index

2004: \$50.09/MWh

2005: \$67.39/MWh

2006: \$57.59/MWh

2007: \$61.74/MWh

**Interconnections/Seams**

Generation suppliers export excess power to the rest of the West and particularly to California.

## Balancing Authorities in the Southwest Electric Market

### WECC Subregion and Balancing Authority

### NERC Acronym

#### AZNMSNV

Arizona Public Service Company  
 DECA, LLC - Arlington Valley  
 El Paso Electric Company  
 Gila River Maricopa Arizona  
 Harquahala L.L.C.  
 Imperial Irrigation District  
 Nevada Power Company  
 Public Service Company of New Mexico  
 Salt River Project  
 Tucson Electric Power Company  
 Western Area Power Administration - Lower Colorado

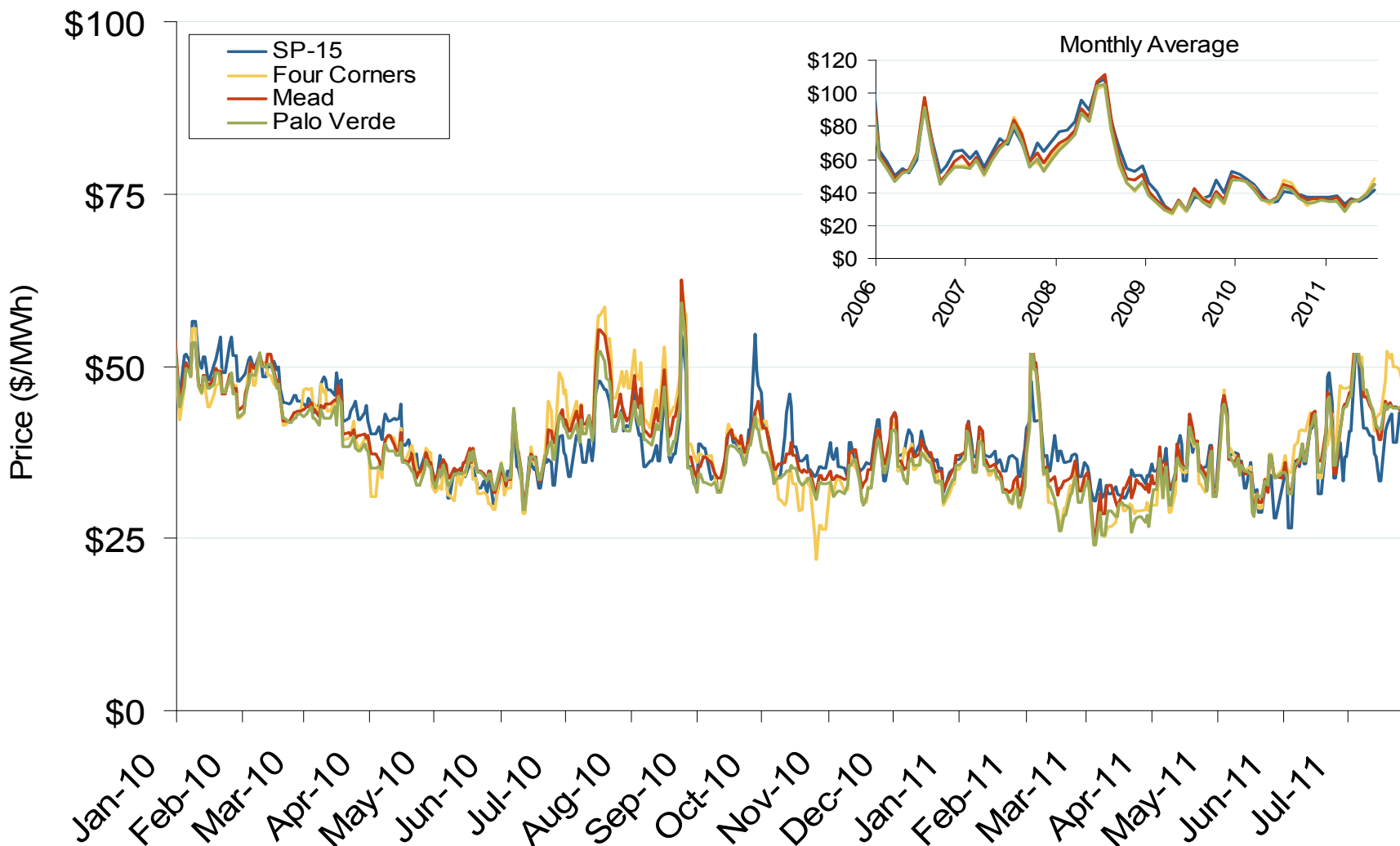
AZPS  
 DEAA  
 EPE  
 GRMA  
 HGMA  
 IID  
 NEVP  
 PNM  
 SRP  
 TEPC  
 WALC

#### RMPA

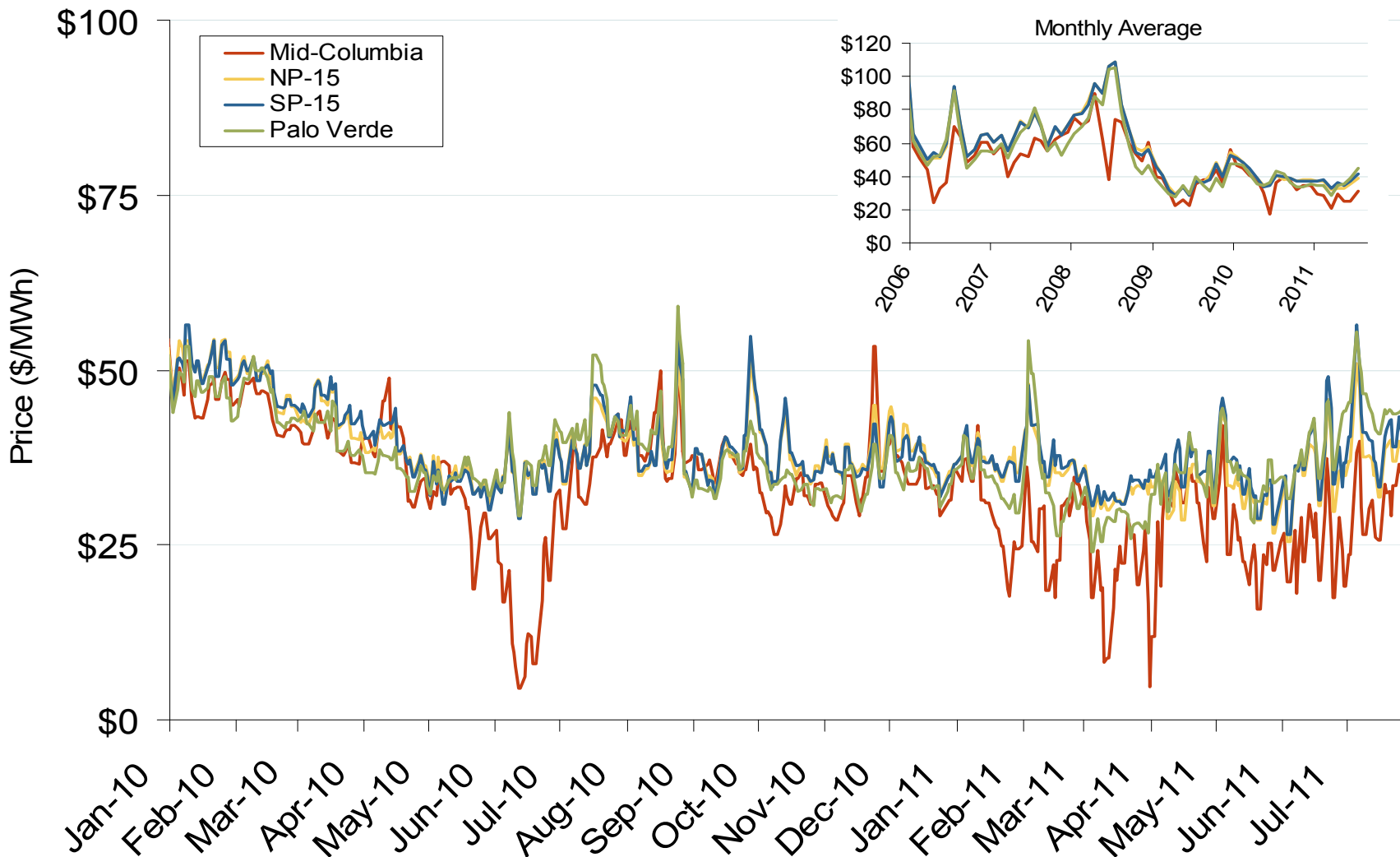
Public Service Company of Colorado  
 Western Area Power Administration - Colorado-Missouri

PSCO  
 WACM

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



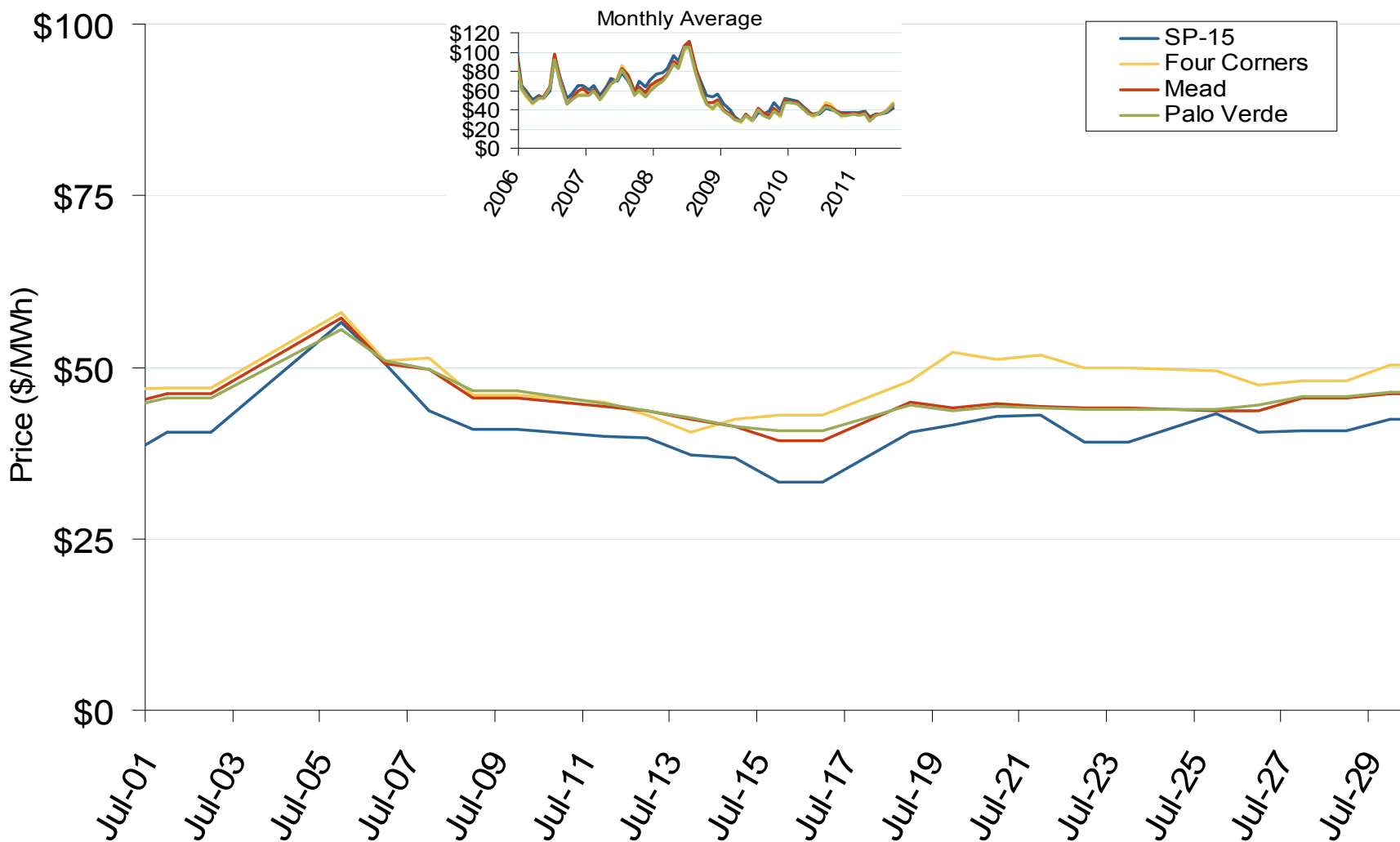
## Western Daily Bilateral Day-Ahead On-Peak Prices



Southwest Electric Market: Last Month's Southwestern Bilateral Prices

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

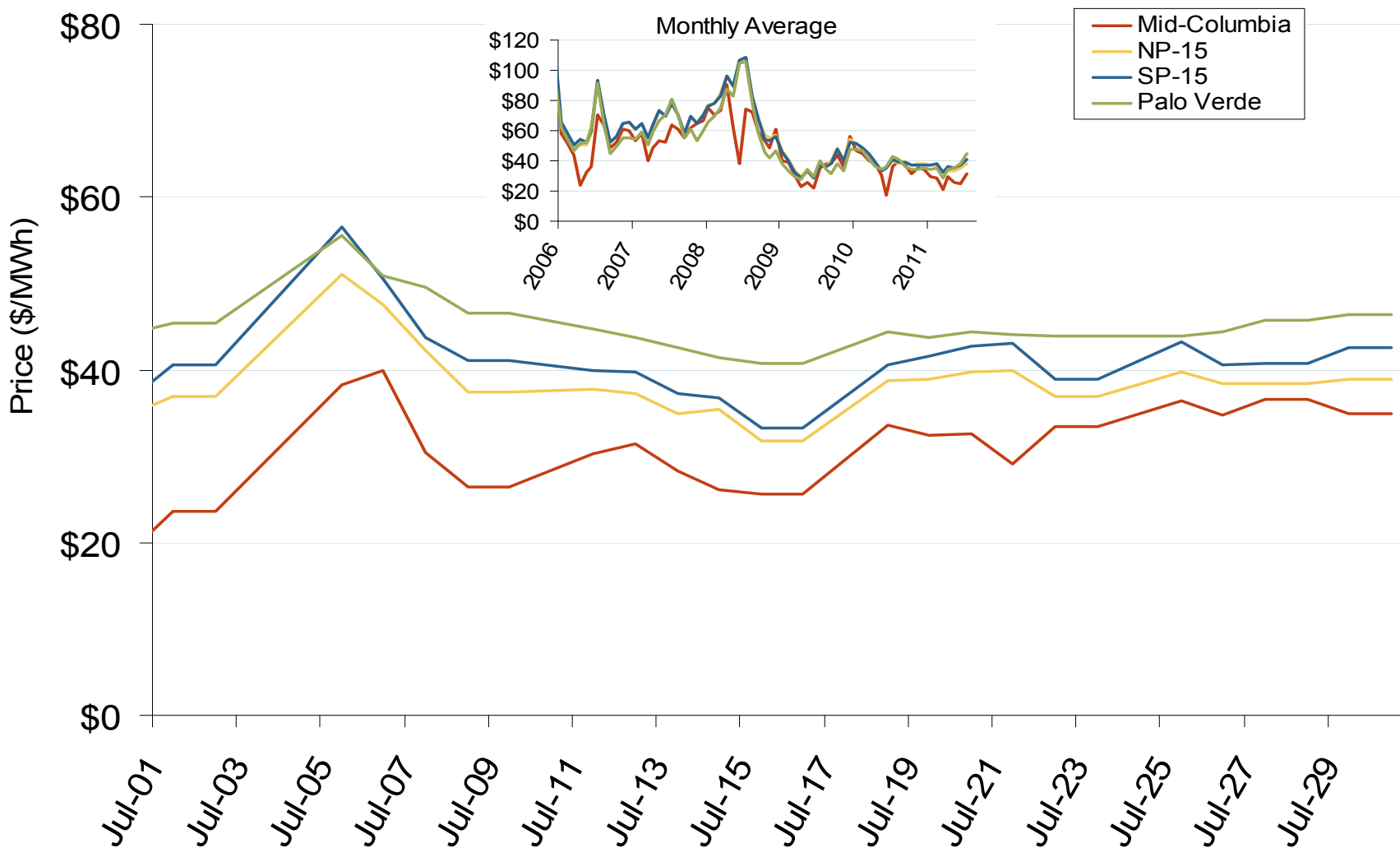
## Southwestern Daily Bilateral Day-Ahead On-Peak Prices



Southwest Electric Market: Last Month's Western Bilateral Prices

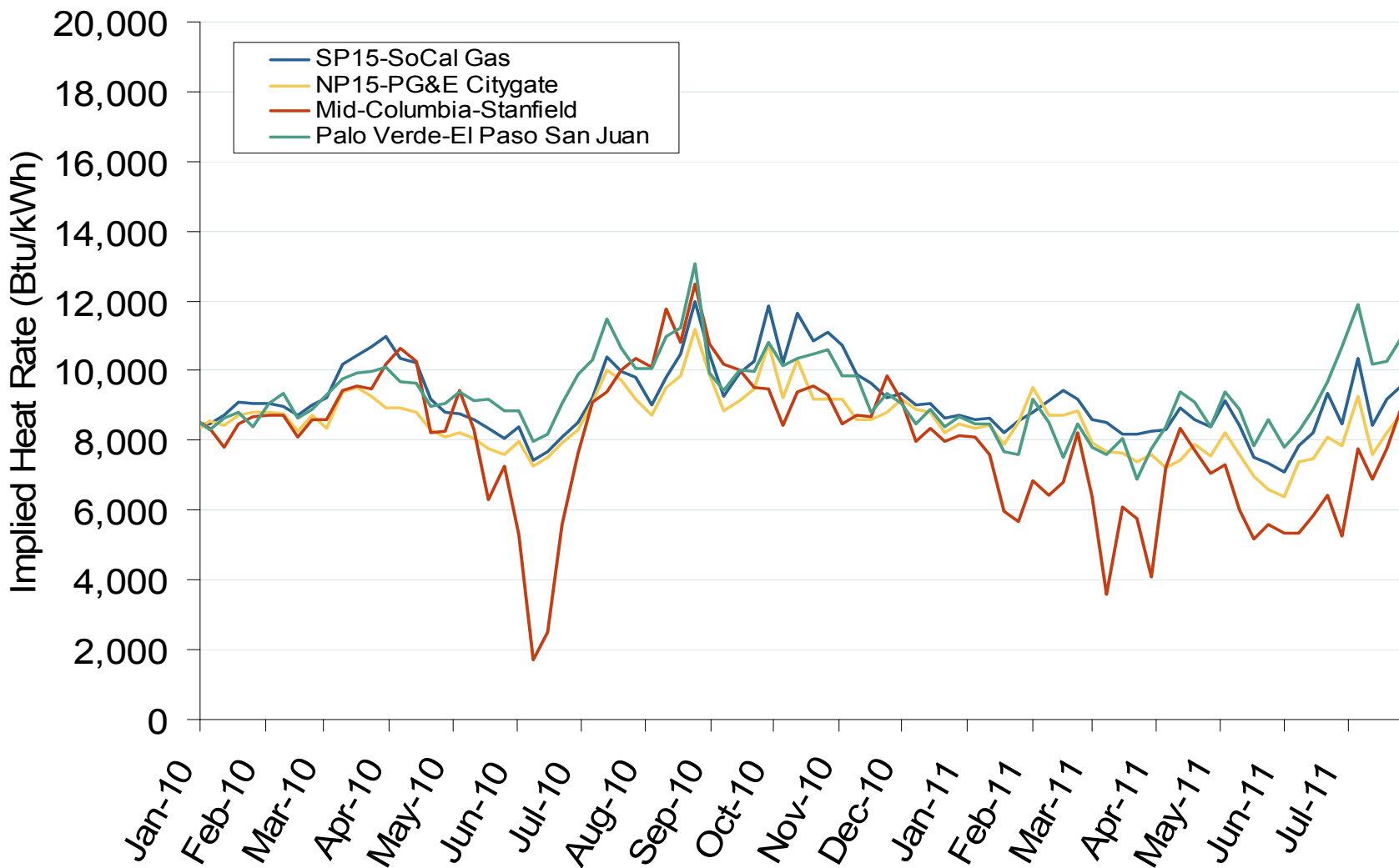
Federal Energy Regulatory Commission • Market Oversight • [www.ferc.gov/oversight](http://www.ferc.gov/oversight)

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





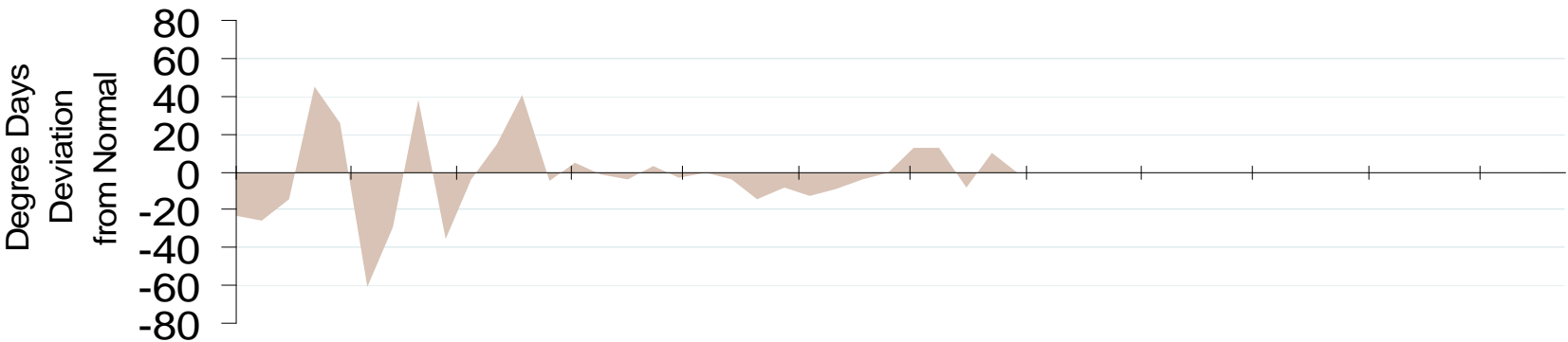
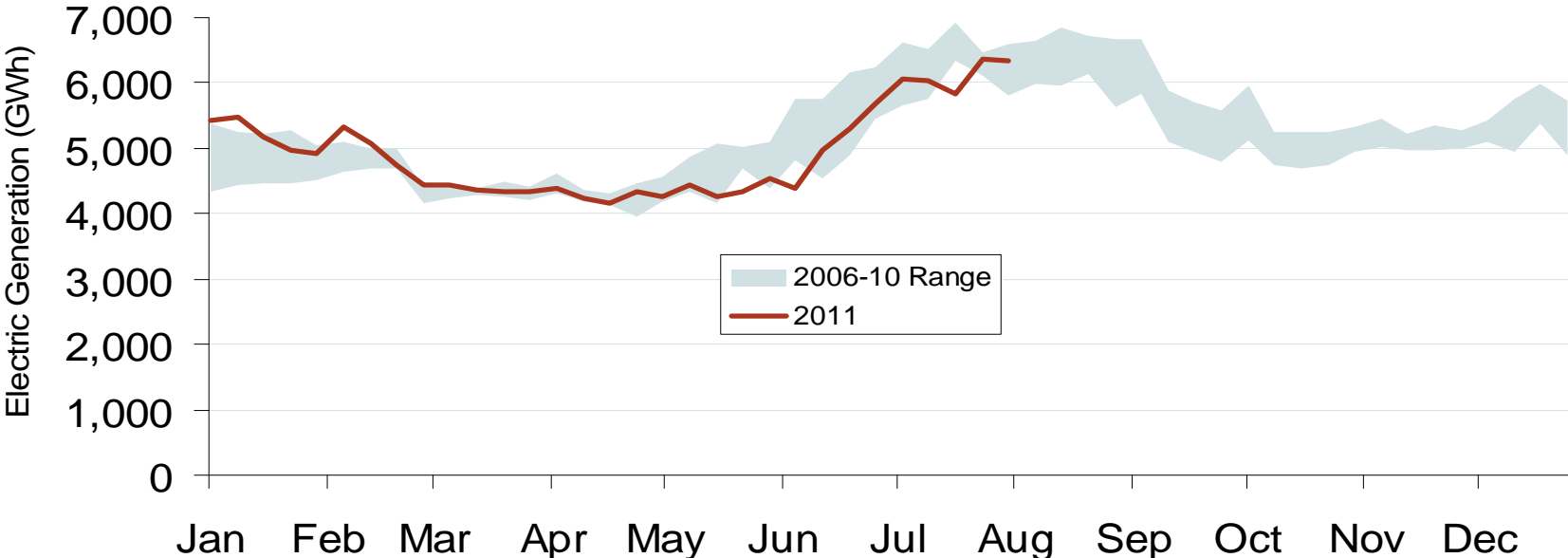
## Implied Heat Rates at Western Trading Points Weekly Average



Source: Derived from *Platts* on-peak electric and natural gas price data  
 August 2011

Updated: August 03, 2011

# Weekly Power Generation & Temps. - Rocky Mountains



Source: Derived from EEI and NOAA data  
August 2011

Updated: August 09, 2011