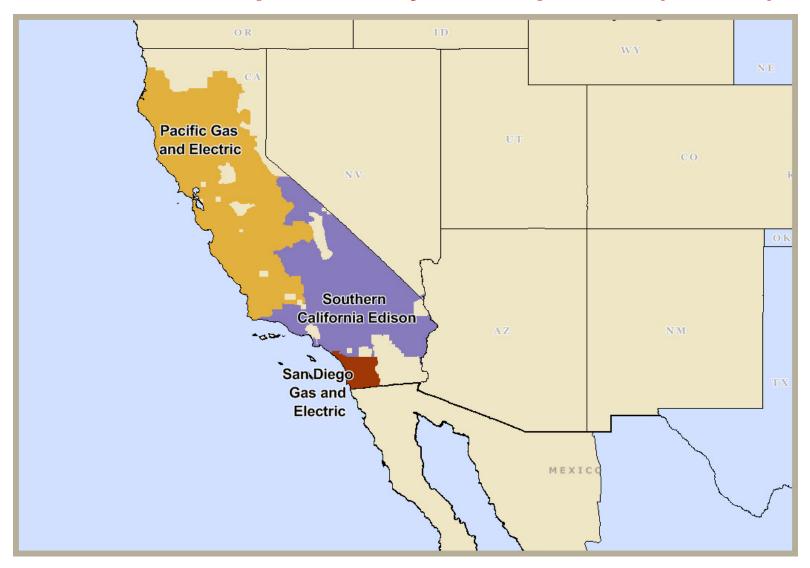
# California Independent System Operator (CAISO)



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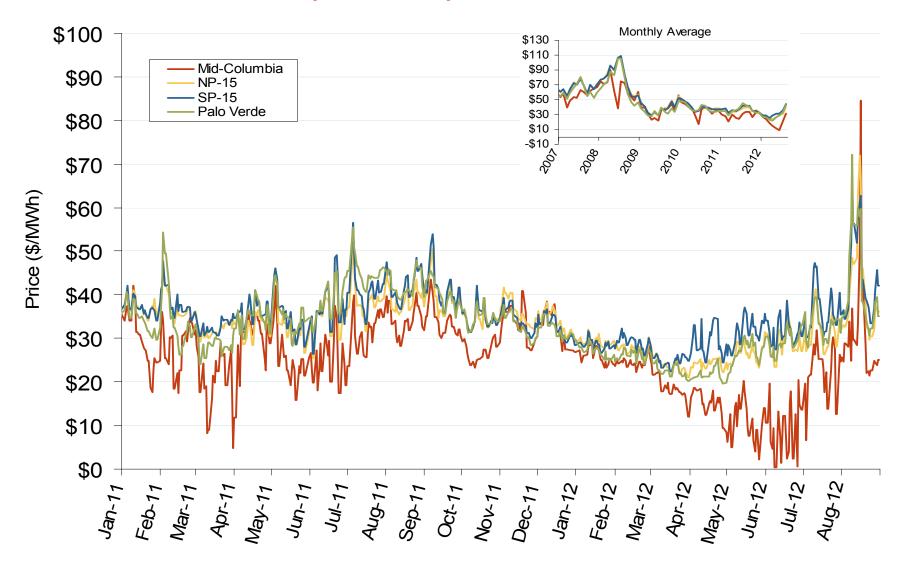
# **California Annual Average Bilateral Prices**

Annual Average Day Ahead On Peak Prices (\$/MWh)						
	2007	2008	2009	2010	2011	5-Year Avg
NP15	\$66.59	\$80.14	\$39.29	\$40.08	\$35.83	\$57.45
SP15	\$66.48	\$79.36	\$38.31	\$40.21	\$36.90	\$57.28

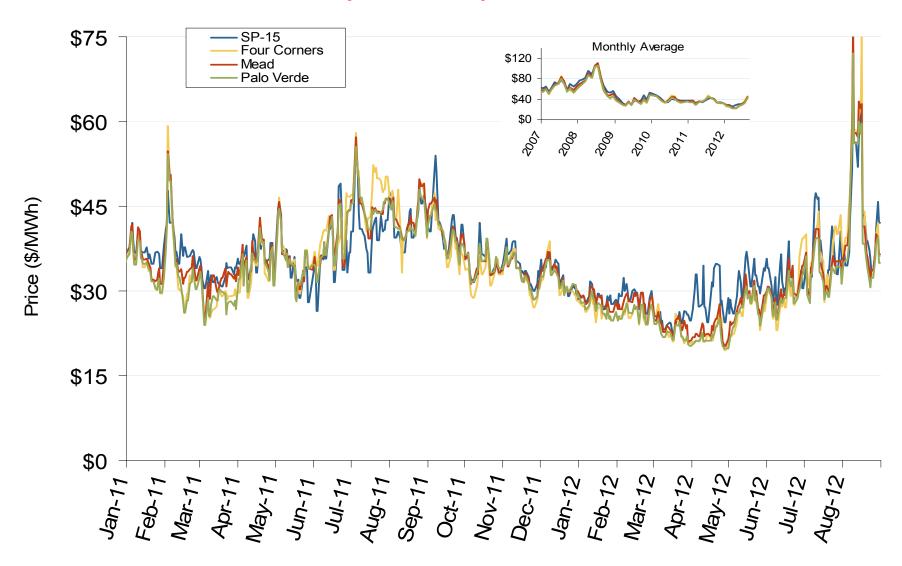
Source: Derived from Platts data.

September 2012

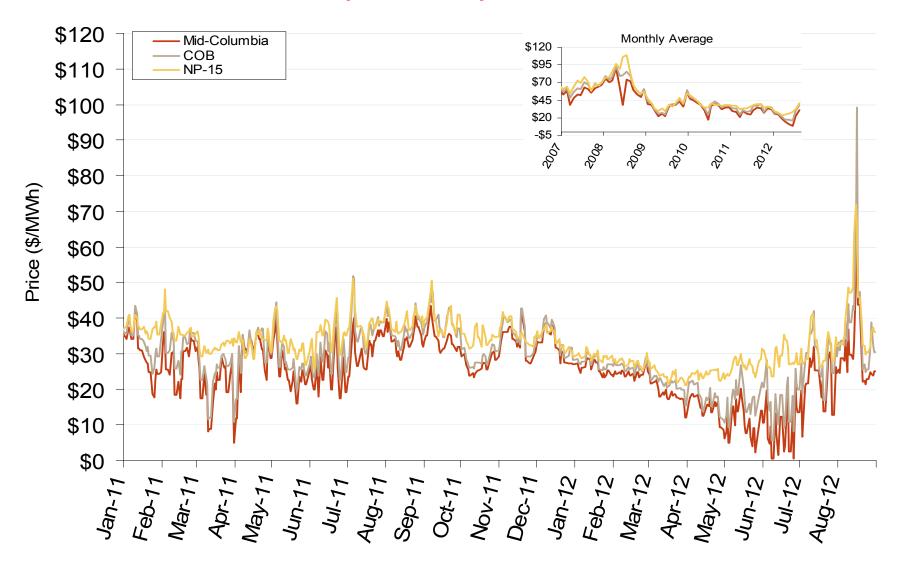
### Western Daily Index Day-Ahead On-Peak Prices



### **Southwestern Daily Index Day-Ahead On-Peak Prices**

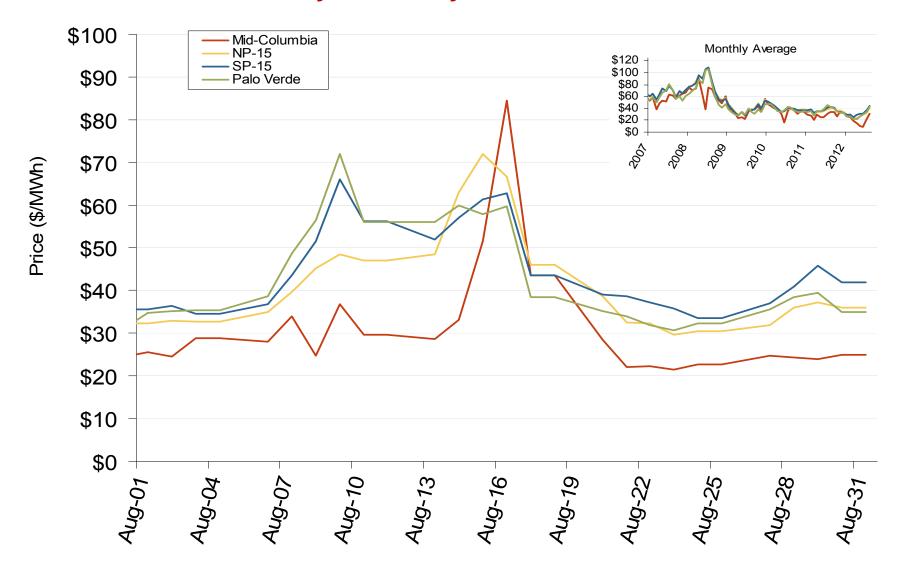


### **Northwestern Daily Index Day-Ahead On-Peak Prices**

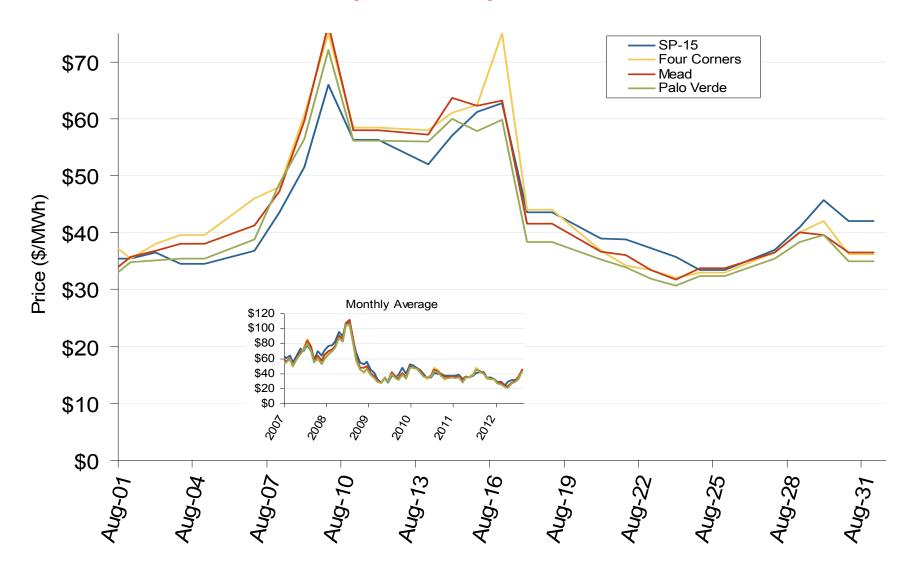


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### **Western Daily Index Day-Ahead On-Peak Prices**

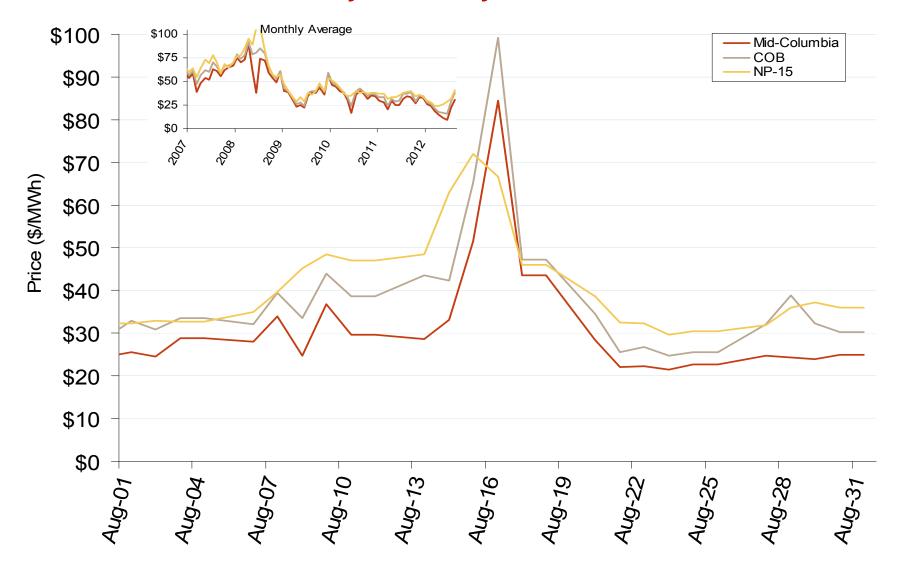


### **Southwestern Daily Index Day-Ahead On-Peak Prices**

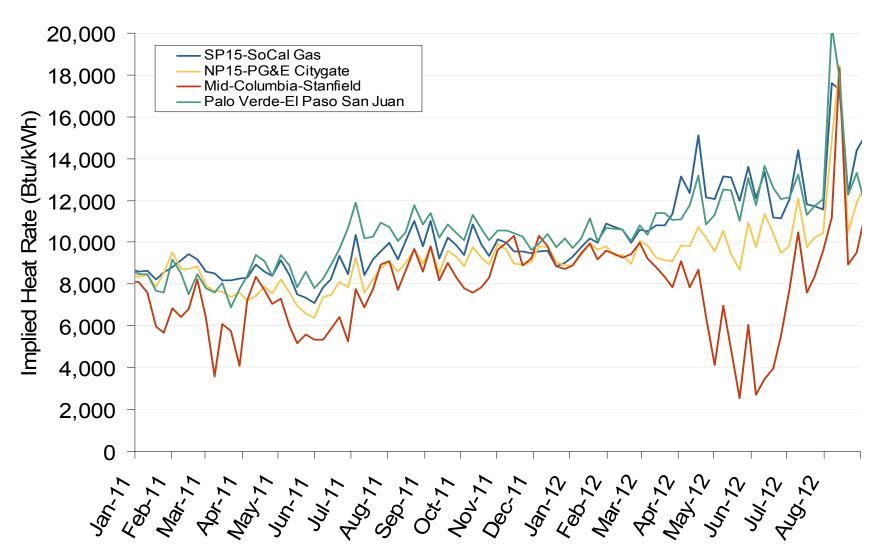


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### **Northwestern Daily Index Day-Ahead On-Peak Prices**

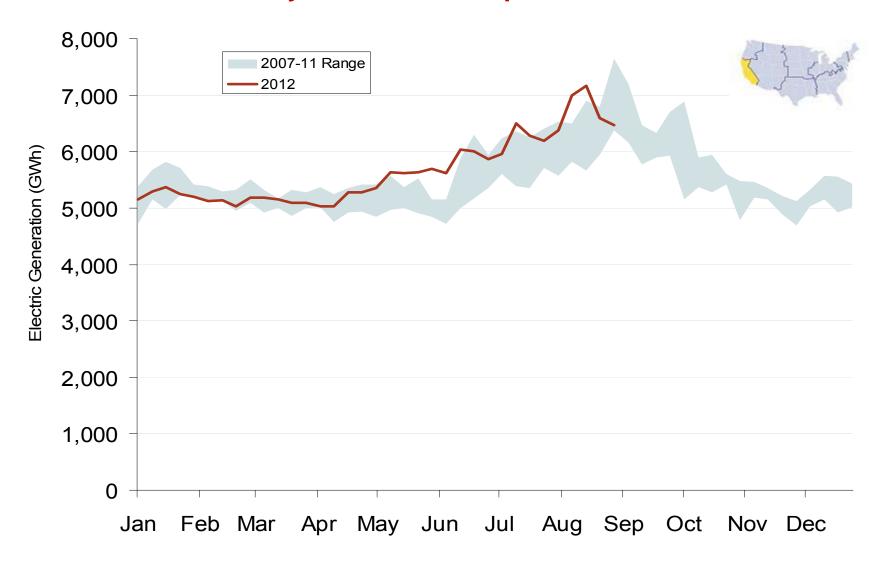


## Implied Heat Rates at Western Trading Points - Weekly Avgs.

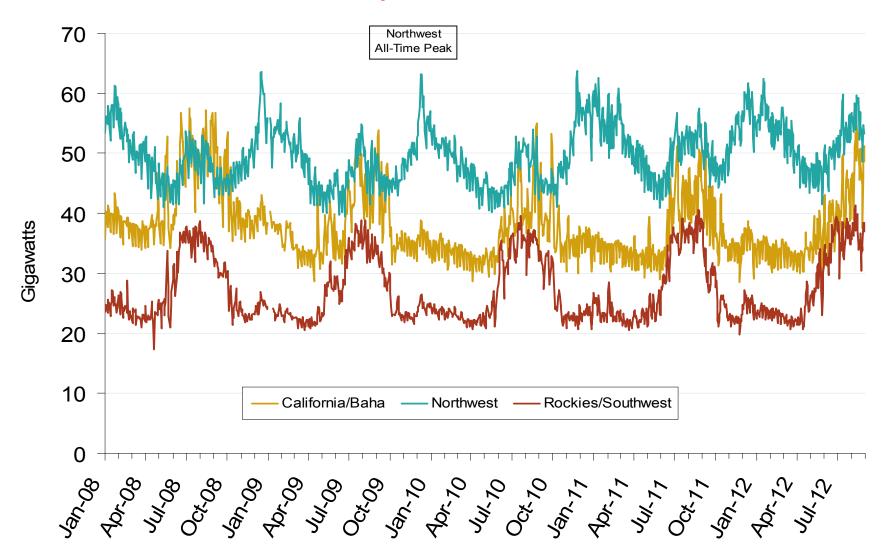


Note: *ICE* on-peak forward (physical) and swap (financial) volumes are for Mid-Columbia and include monthly, dual monthly, quarterly, and calendar year contracts traded for each month.

### **Weekly Generation Output - California**



### **Western Daily Actual Peak Demand**



Notes: Data prior to 9/14/2010 does not include weekends and holidays. Some data for 12/31/2008 – 1/9/2009 are not available from WECC Source: Derived from WECC Daily Report data available at http://wecc.biz