California Independent System Operator (CAISO)
## California Annual Average Bilateral Prices

<table>
<thead>
<tr>
<th>Annual Average Day Ahead On Peak Prices ($/MWh)</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>5-Year Avg</th>
</tr>
</thead>
<tbody>
<tr>
<td>NP15</td>
<td>$80.14</td>
<td>$39.29</td>
<td>$40.08</td>
<td>$35.81</td>
<td>$32.02</td>
<td>$45.49</td>
</tr>
<tr>
<td>SP15</td>
<td>$79.36</td>
<td>$38.31</td>
<td>$40.21</td>
<td>$36.87</td>
<td>$34.91</td>
<td>$45.96</td>
</tr>
</tbody>
</table>

Source: Derived from *Platts* data.

September 2013

Updated: January 6, 2012
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: September 04, 2013
California Electric Market: Southwestern Index Prices

Southwestern Daily Index Day-Ahead On-Peak Prices

Price ($/MWh)

$0 $15 $30 $45 $60 $75 $90 $105 $120 $135 $150

Monthly Average

SP-15
Four Corners
Mead
Palo Verde

Source: Derived from Platts data

Updated: September 04, 2013

September 2013
California Electric Market: Northwestern Index Prices

Northwestern Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: September 04, 2013
California Electric Market: Last Month's Western Index Prices

Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: September 04, 2013
Source: Derived from Platts data

September 2013

Updated: September 04, 2013
Northwestern Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: September 04, 2013
California Electric Market: Western Implied Heat Rates

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.

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

Updated: September 04, 2013
Weekly Generation Output - California

Source: Derived from EEI data

Updated: September 06, 2013
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

Updated: September 05, 2013

September 2013