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

### Annual Average Day Ahead On Peak Prices ($/MWh)

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>5-Year Avg</th>
</tr>
</thead>
<tbody>
<tr>
<td>NP15</td>
<td>$66.59</td>
<td>$80.14</td>
<td>$39.29</td>
<td>$40.08</td>
<td>$35.83</td>
<td>$57.45</td>
</tr>
<tr>
<td>SP15</td>
<td>$66.48</td>
<td>$79.36</td>
<td>$38.31</td>
<td>$40.21</td>
<td>$36.90</td>
<td>$57.28</td>
</tr>
</tbody>
</table>

Source: Derived from *Platts* data.

Updated January 11, 2012
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: December 04, 2012
Northwestern Daily Index Day-Ahead On-Peak Prices

Price ($/MWh)

- Mid-Columbia
- COB
- NP-15

Monthly Average

Source: Derived from Platts data

Updated: December 04, 2012
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: December 04, 2012
California Electric Market: Last Month’s Southwestern Index Prices

Southwestern Daily Index Day-Ahead On-Peak Prices

Price ($/MWh)

Monthly Average

SP-15
Four Corners
Mead
Palo Verde

Updated: December 04, 2012

Source: Derived from Platts data

December 2012
California Electric Market: Last Month’s Northwestern Index Prices

Northwestern Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platt’s data

December 2012

Updated: December 04, 2012
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: December 04, 2012
Weekly Generation Output - California

Electric Generation (GWh)

Source: Derived from EEI data

December 2012

Updated: December 05, 2012
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: December 05, 2012