Northwest Electric Market
## Northwest 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>Mid-Columbia (Mid-C)</td>
<td>$65.00</td>
<td>$35.66</td>
<td>$35.90</td>
<td>$29.10</td>
<td>$22.54</td>
<td>$37.66</td>
</tr>
<tr>
<td>California-Oregon Border (COB)</td>
<td>$73.86</td>
<td>$38.02</td>
<td>$38.84</td>
<td>$32.55</td>
<td>$26.79</td>
<td>$42.03</td>
</tr>
</tbody>
</table>

Source: Derived from *Platts* data.

Updated January 6, 2013
Northwestern Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data  
July 2013

Updated: July 05, 2013
Implied Heat Rates at Western Trading Points - Weekly Avgs.

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

Updated: July 05, 2013
Northwestern Daily Index Day-Ahead On-Peak Prices

- Mid-Columbia
- COB
- NP-15

Source: Derived from Platt's data

Updated: July 05, 2013
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platt's data

July 2013

Updated: July 05, 2013
Weekly Generation Output - Rocky Mountains

Source: Derived from EEI data

July 2013

Updated: July 09, 2013
Northwest Electric Market: Generation Output

Weekly Generation Output - Pacific Northwest

Source: Derived from EEI data

Updated: July 09, 2013
### Pacific/Northwest Hydro and Snowpack Levels

#### Snowpack Drops in March

<table>
<thead>
<tr>
<th>State/Region</th>
<th>Snow Water Equivalent (% of Historic Median)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One Year Ago</td>
</tr>
<tr>
<td>California</td>
<td>59%</td>
</tr>
<tr>
<td>Idaho</td>
<td>117%</td>
</tr>
<tr>
<td>Montana</td>
<td>115%</td>
</tr>
<tr>
<td>Oregon</td>
<td>120%</td>
</tr>
<tr>
<td>Washington</td>
<td>148%</td>
</tr>
<tr>
<td>Columbia River Basin</td>
<td>126%</td>
</tr>
</tbody>
</table>

**Notes:**
Snow Water Equivalent represents the depth of water in the snowpack, if the snowpack were melted, expressed in inches. The percentage of median is the ratio of current snow water equivalents compared to the median for the same day 1981-2010.

**Source:** U.S. Department of Agriculture Natural Resources Conservation Service

**Updated:** April 25, 2013
Stream Flows at the Dalles Dam

Notes: Trend lines are 7-day moving averages

Source: Derived from USACE data

Updated: July 11, 2013

July 2013
Western Daily Actual Peak Demand

Notes: Data 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: July 11, 2013