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
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: October 01, 2013
Northwest Electric Market: Western Implied Heat Rates

Implied Heat Rates at Western Trading Points - Weekly Avgs.

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

Updated: October 03, 2013
Northwestern Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

October 2013

Updated: October 01, 2013
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

Updated: October 01, 2013
Weekly Generation Output - Rocky Mountains

Source: Derived from EEI data

October 2013

Updated: October 03, 2013
Weekly Generation Output - Pacific Northwest

Source: Derived from EEI data

Updated: October 03, 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>
<th>One Year Ago (4/1/2012)</th>
<th>One Month Ago (3/1/2013)</th>
<th>Current (4/1/2013)</th>
</tr>
</thead>
<tbody>
<tr>
<td>California</td>
<td></td>
<td>59%</td>
<td>76%</td>
<td>60%</td>
</tr>
<tr>
<td>Idaho</td>
<td></td>
<td>117%</td>
<td>87%</td>
<td>84%</td>
</tr>
<tr>
<td>Montana</td>
<td></td>
<td>115%</td>
<td>95%</td>
<td>92%</td>
</tr>
<tr>
<td>Oregon</td>
<td></td>
<td>120%</td>
<td>98%</td>
<td>84%</td>
</tr>
<tr>
<td>Washington</td>
<td></td>
<td>148%</td>
<td>119%</td>
<td>112%</td>
</tr>
<tr>
<td>Columbia River Basin</td>
<td></td>
<td>126%</td>
<td>100%</td>
<td>94%</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: October 07, 2013

Outflow (kcfs)

- 2008-12 Range
- 2013 Outflow
- 2012 Outflow
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: October 07, 2013