Northwest Electric Market

Source: Created in Energy Velocity.
May 2013
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 Platt's data

Updated: May 30, 2013
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data
May 2013

Updated: May 30, 2013
Implied Heat Rates at Western Trading Points - Weekly Avgs.

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

May 2013

Updated: May 22, 2013
Northwestern Daily Index Day-Ahead On-Peak Prices

Source: Derived from *Platts* data

Updated: May 22, 2013

May 2013
Western Daily Index Day-Ahead On-Peak Prices

Source: Derived from Platts data

May 2013

Updated: May 22, 2013
Weekly Generation Output - Rocky Mountains

Source: Derived from EEI data

May 2013
Weekly Generation Output - Pacific Northwest

Source: Derived from EEI data
May 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
Northwest Electric Market: The Dalles Dam Stream Flow

Notes: Trend lines are 7-day moving averages

Source: Derived from USACE data

Updated: May 29, 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

May 2013