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.
September 2013

Updated January 6, 2013
Implied Heat Rates at Western Trading Points - Weekly Avgs.

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

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

Mid-Columbia COB NP-15

Monthly Average

Source: Derived from Platts data

Updated: September 04, 2013

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

Month:

- Mid-Columbia
- NP-15
- SP-15
- Palo Verde

Price ($/MWh)

Source: Derived from Platts data

Updated: September 04, 2013
Northwest Electric Market: Generation Output

Weekly Generation Output - Rocky Mountains

Source: Derived from EEI data
September 2013

Updated: September 06, 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

September 2013
Stream Flows at the Dalles Dam

Notes: Trend lines are 7-day moving averages
Source: Derived from USACE data
Updated: September 05, 2013