OE ENERGY
MARKET SNAPSHOT
West Version – Data through October 2016

Office of Enforcement
Federal Energy Regulatory Commission
November 2016
Natural Gas and Fuels Markets

West
## West Day Ahead Natural Gas Prices
### Averaged Annually/Seasonally

<table>
<thead>
<tr>
<th></th>
<th>Average Day Ahead Prices ($/MMBtu)</th>
<th>SoCal Border</th>
<th>Opal Wyoming Plant</th>
<th>El Paso Permian</th>
<th>GTN Malin Oregon</th>
<th>Henry Hub</th>
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<td>2013</td>
<td>Annual</td>
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<td>Summer</td>
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<td>Winter 2013/2014</td>
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<td>Summer</td>
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<td>Winter 2014/2015</td>
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<td>Summer</td>
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<td>Winter 2015/2016</td>
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</tbody>
</table>

**Notes:**

Source: ICE

Updated Nov-2016
West Daily Day-Ahead Prices

Notes:
Source: ICE

Updated Nov-2016
West Daily Day-Ahead Basis

- SoCal Border Basis
- Opal Wyoming Plant Basis
- El Paso Permian Basis
- GTN Malin Oregon Basis

Day Ahead Basis ($/MMBtu)

30D Moving Avg


Notes:
Source: ICE
Updated Nov-2016
West Natural Gas Market: Average Monthly Basis

West Average Monthly Basis

Source: ICE

Notes:

Updated Nov-2016
West Natural Gas Market: Daily Demand

Daily Rockies Natural Gas Demand All Sectors

Source: Derived from Bentek Energy data

Note: Rockies is defined as Montana, Wyoming, Colorado, and Utah

Updated: Oct 2015
West Natural Gas Market: Daily Demand

Daily Southwest and Northwest Natural Gas Demand All Sectors

Southwest

Northwest

Source: Derived from Bentek Energy data
Note: Data derived from interstate natural gas pipeline flows.
Southwest is defined as New Mexico, Arizona, California, Nevada and the Northwest is defined as Idaho, Oregon, and Washington

Updated: Oct 2015
West Natural Gas Market: NG Consumption for Power Generation

West Natural Gas Consumption for Power Generation

Source: Derived from Bentek Energy data

Note: West is defined as Montana, Wyoming, Colorado, Utah New Mexico, Arizona, California, Nevada, Idaho, Oregon, and Washington

Updated: Oct 2015