Midwest Natural Gas Market: Map

Midwest Map

Source: Derived from ICE data
## Midwest Annual Average Day-Ahead Natural Gas Prices

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Day Ahead Prices ($/MMBtu)</th>
<th>Chicago City Gate</th>
<th>MichCon</th>
<th>AECO C Hub Natural Gas/USD</th>
<th>Dawn Ontario USD</th>
<th>NNG/NBP Ventura</th>
<th>Henry Hub</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>Annual</td>
<td>4.11</td>
<td>4.20</td>
<td>3.66</td>
<td>4.37</td>
<td>4.03</td>
<td>3.98</td>
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<tr>
<td></td>
<td>Summer</td>
<td>4.22</td>
<td>4.33</td>
<td>3.78</td>
<td>4.44</td>
<td>4.13</td>
<td>4.14</td>
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<tr>
<td></td>
<td>Winter 2011/2012</td>
<td>2.87</td>
<td>2.95</td>
<td>2.49</td>
<td>3.21</td>
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<td>2012</td>
<td>Annual</td>
<td>2.85</td>
<td>2.90</td>
<td>2.39</td>
<td>3.07</td>
<td>2.77</td>
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<td>Summer</td>
<td>2.77</td>
<td>2.80</td>
<td>2.24</td>
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<td>2.70</td>
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<tr>
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<td>Winter 2012/2013</td>
<td>3.63</td>
<td>3.67</td>
<td>3.22</td>
<td>3.84</td>
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<tr>
<td>2013</td>
<td>Annual</td>
<td>3.85</td>
<td>3.91</td>
<td>3.09</td>
<td>4.08</td>
<td>3.80</td>
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<td>Summer</td>
<td>3.84</td>
<td>3.96</td>
<td>2.94</td>
<td>4.15</td>
<td>3.77</td>
<td>3.76</td>
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<td>Winter 2013/2014</td>
<td>7.42</td>
<td>7.81</td>
<td>4.36</td>
<td>8.68</td>
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<td>2014 YTD</td>
<td>Annual</td>
<td>7.00</td>
<td>7.40</td>
<td>4.61</td>
<td>8.08</td>
<td>7.59</td>
<td>4.79</td>
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<td>Summer</td>
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<td>4.76</td>
<td>4.28</td>
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<td>Winter 2014/2015</td>
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Notes:
Source: Derived from ICE data

Updated 7/8/2014
Midwest Day-Ahead Prices

Source: Derived from ICE data

Updated 7/8/2014
Midwest Day-Ahead Basis

- Chicago City Gate Basis
- MichCon Basis
- AECO (USD/MMBtu) Basis
- Dawn Ontario USD Basis

30D Moving Avg

Notes:

Source: Derived from ICE data

Updated 7/8/2014
Midwest Natural Gas Market: Average Monthly Basis

**Midwest Monthly Average Basis Value To Henry Hub**

- Avg Monthly Chicago City Gate Basis
- Avg Monthly MichCon Basis
- Avg Monthly AECO Basis
- Avg Monthly Dawn Ontario Basis
- Avg Monthly Northern Natural Ventura Basis

Source: Derived from ICE data

Updated 7/8/2014
Midwest Natural Gas Consumption for Power Generation

Source: Derived from Bentek Energy data

Updated: July 2014
MISO Real Time Prices—Two Year History

MISO Daily Average Real Time LMP

- Indiana Hub Daily Avg Real Time Price
- Illinois Hub Daily Avg Real Time Price
- Michigan Hub Avg Real Time Price
- Minnesota Hub Daily Avg Real Time Price

Source: Genscape via Bloomberg

Updated February 18, 2014