National Natural Gas Market Overview: NOAA Map

NOAA 3 Month Outlook

Federal Energy Regulatory Commission  Market Assessments

THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID NOV 2020
MADE 15 OCT 2020

Updated Nov-2020
## National Natural Gas Market Overview: U.S. Supply and Consumption

### U.S. NG Supply and Demand  Oct-19  YTD vs.  Oct-20  YTD

**Federal Energy Regulatory Commission  Market Assessments**

#### US Natural Gas Supply

<table>
<thead>
<tr>
<th>Category</th>
<th>2019</th>
<th>2020</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Dry Gas Production</td>
<td>90</td>
<td>88</td>
<td>-1.8%</td>
</tr>
<tr>
<td>Canadian Imports</td>
<td>94</td>
<td>92</td>
<td>-12.7%</td>
</tr>
<tr>
<td>LNG Imports</td>
<td>92</td>
<td>94</td>
<td>17.2%</td>
</tr>
<tr>
<td><strong>Total Change in Supply</strong></td>
<td></td>
<td></td>
<td>-2.2%</td>
</tr>
</tbody>
</table>

#### US Natural Gas Demand

<table>
<thead>
<tr>
<th>Category</th>
<th>2019</th>
<th>2020</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential/Commercial</td>
<td>90</td>
<td>82</td>
<td>-8.4%</td>
</tr>
<tr>
<td>Industrial</td>
<td>90</td>
<td>94</td>
<td>-3.3%</td>
</tr>
<tr>
<td>Power Generation</td>
<td>90</td>
<td>90</td>
<td>-0.3%</td>
</tr>
<tr>
<td>Exports to Mexico</td>
<td>90</td>
<td>90</td>
<td>0.3%</td>
</tr>
<tr>
<td>LNG Exports</td>
<td>90</td>
<td>57</td>
<td>-62.5%</td>
</tr>
</tbody>
</table>

**Note:** Balance includes all amounts not attributable to other categories.

**Source:** Derived from Bentek Energy data

**Updated Nov-2020**
National Natural Gas Market Overview: Canadian Imports

Regional Canadian Imports

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Source: Derived from Bentek Energy data

Updated Nov-2020
National Natural Gas Market Overview: Total US Gas Demand

Total U.S. Natural Gas Demand All Sectors

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Source: Derived from Bentek Energy data, derived from interstate pipeline flow and modeled data.

Updated Nov-2020
National Natural Gas Market Overview: Natural Gas Storage Inventory

EIA Storage Inventories

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Source: Derived from Bloomberg Data

Updated Nov-2020
National Natural Gas Market Overview: Regional Natural Gas Storage Inventory

EIA Storage Inventories

Federal Energy Regulatory Commission  
Market Assessments

Source: Derived from Bloomberg Data

Updated  
Nov-2020

PRODUCING

EAST

WEST

PACIFIC

SOUTH CENTRAL

5 Year Range 2020-2021 2019-2020

0 100 200 300 400 500 600 700 800 900 1,000

0 100 200 300 400 500 600 700 800 900 1,000 1,500

April  May  June  July  August  September  October  November  December  January  February  March
Monthly U.S. Dry Gas Production – Lower 48 States

Note: Prior to July 2010, chart was derived from a combination of EIA and Bentek Energy data
Source: Derived from Bentek Energy data

Updated: Nov-2020
NG Rigs by Fuel Type

Source: Derived from Bloomberg data
National Natural Gas Market Overview: Rig Count by Direction

NG Rig by Direction

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Baker Hughes Rigs By Drill Type

- Vertical
- Horizontal
- Directional

Source: Derived from Bloomberg data

Updated: Nov-2020
Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, KeySpan Boston Gas, and LNG trucked out of the terminal. Excludes flows to the Freeport LNG which flows via intrastate pipelines and flows to the Mystic 8 and 9 power plants.

Source: Derived from Bentek Energy data
National Natural Gas Market Overview: World LNG Landed Prices

World LNG Estimated Landed Prices: Oct-20

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Note: Includes information and Data supplied by IHS Global Inc. and its affiliates (“IHS”); Copyright (publication year) all rights reserved. Prices are the monthly average of the weekly landed prices for the listed month. Landed prices are based on a netback calculation.

Updated: Nov-2020