

NATURAL GAS MARKET UPDATE January 3, 2020

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NYMEX HENRY HUB SETTLEMENT PRICES:

| 1/3/20 | Settle | Season | | Year | |
|--------|--------|-------------|-------|--------|-------|
| Feb20 | 2.130 | Feb20-Mar20 | 2.121 | Cal 21 | 2.429 |
| Mar20 | 2.112 | Apr20-Oct20 | 2.239 | Cal 22 | 2.416 |
| Apr20 | 2.113 | Nov20-Mar21 | 2.594 | Cal 23 | 2.450 |
| May20 | 2.156 | Apr21-Oct21 | 2.319 | Cal 24 | 2.487 |
| Jun20 | 2.216 | Nov21-Mar22 | 2.571 | Cal 25 | 2.523 |
| Jul20 | 2.276 | Apr22-Oct22 | 2.305 | Cal 26 | 2.548 |
| Aug20 | 2.296 | Nov22-Mar23 | 2.585 | Cal 27 | 2.595 |
| Sep20 | 2.292 | Apr23-Oct23 | 2.338 | Cal 28 | 2.640 |
| Oct20 | 2.327 | Nov23-Mar24 | 2.647 | Cal 29 | 2.683 |

DOMINION-SOUTH FIXED-PRICE MARKETS (NYMEX/HENRY+ ICE DOM-SOUTH BASIS):

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|--------|------------------------------------------------------------------------|---------------|--------|--|--|--|--|
| Feb-20 | 1.7475 | Feb20-Mar20 | 1.7398 | | | | |
| Mar-20 | 1.7320 | Apr20-Oct20 | 1.7701 | | | | |
| Apr-20 | 1.7430 | Nov20-Mar21 | 2.1937 | | | | |
| May-20 | 1.7485 | Apr21-Oct21 | 1.8282 | | | | |
| Jun-20 | 1.7985 | Nov21-Mar22 | 2.1608 | | | | |
| Jul-20 | 1.8835 | Apr22-Oct22 | 1.7544 | | | | |
| Aug-20 | 1.8585 | Feb20-Jan21 | 1.8625 | | | | |
| Sep-20 | 1.6695 | Calendar 2021 | 1.9776 | | | | |
| Oct-20 | 1.6895 | Calendar 2022 | 1.9137 | | | | |
| Nov-20 | 1.9155 | Calendar 2023 | 1.8655 | | | | |
| Dec-20 | 2.2140 | Calendar 2024 | 1.8673 | | | | |
| Jan-21 | 2.3505 | Calendar 2025 | 1.9026 | | | | |

FRONT-MONTH NYMEX NG FUTURES 480-MIN CHART:



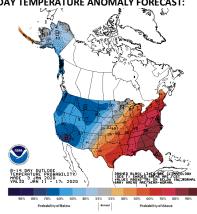
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DAILY CASH MARKET PRICES (for GD3):

| DAILI CASITIVIANNET PRICES (101 GDS). | |
|---------------------------------------|-------|
| Columbia Gas Transmission (TCO) | 1.730 |
| Dominion South Point | 1.615 |
| Henry Hub | 2.000 |
| Socal, citygate | 5.470 |
| Sumas | 2.070 |
| Tennessee Gas Pipeline Zone 6 North | 3.065 |
| Transco Zone 5 South | 1.945 |
| Waha | 0.770 |

NOAA 8 TO 14 DAY TEMPERATURE ANOMALY FORECAST:



WORKING NATURAL GAS IN STORAGE, LOWER 48 STATES:

| As of Week Ending: | 12/27/2019 | | Build/(Draw) | |
|----------------------------|------------|-----|-------------------|-----|
| Current Storage | 3,192 | Bcf | (58) | Bcf |
| | | | Surplus/(Deficit) | |
| Last Year Storage | 2,708 | Bcf | 484 | Bcf |
| 5-Year Average | 3,230 | Bcf | (38) | Bcf |
| ICE Traded Markets: | | | ICE Settle: | |
| Weekly Storage Inventory N | (55) | Bcf | | |
| End of Injection Season St | 1,755 | Bcf | | |

Market Commentary: Back in September when the Saudi oil production facilities suffered a coordinated attack that knocked off 5% of the world's production in one fell swoop, natural gas markets took notice and prices ran up in response as well. Last night's drone attack in Iraq that took down Iran's top military official, and one of the most powerful figures in the power structure of Iran's hardline government, General Qassem Soleimani, oil markets reacted swiftly but NG did not even bat an eye, and actually saw the prompt Feb20 Nymex contract sink to a new all-time low of 2.083, even as oil markets were rallying to recent highs. The domestic WTI contract traded as high as 64.09 overnight, which was nearly a dollar above the high from those September attacks against the Saudis and marks the highest print since late April, while global Brent contract hit 69.48 which was shy of its 71.00 high from mid-September as well. For most of the month of December conditions were mild and NG demand was lackluster, but there was still hope for cold weather to emerge in 2020. Now that we have moved into 2020 and the forecast remains mild across major population centers for the next two weeks, natural gas sentiment has turned more bearish still. Cash prices at Henry Hub for today's delivery averaged just \$2.00, but that is up from last week's intraday low of 1.75, which is the lowest we have seen Henry Hub cash markets trade since early 2016. The 8 to 14 day outlook from NOAA does show some cold air out West, but the market will likely need to see that move into Eastern gas consuming markets and stick around for more than a brief period for it to translate into a lasting price response. Late last week prices firmed up some from the 12/24 lows down in the teens, but could not get back above 2.30 on Thursday's options expiration, then dumped last Friday for Jan20 Nymex settlement, which saw the expiring contract drop more than 15 cents from high to low, with an eventual monthly settle of 2.158 for what is often the coldest month of the year. This week things kicked off with a slight gap up into the mid-2.20's, but that has proved to be the high for the week, with the low touched last night as oil prices were dancing to a different drummer. Dry-gas production has backed off slightly, but remains just under 92 Bcf/day which is roughly 6 Bcf/day higher than we were at one year ago. As goes the weather, so goes the natural gas market in many cases, but this year we are contending with both abundant supply and reduced demand, and that is creating a major headache for dry-gas producers, many of which are loaded up with large amounts of debt that is increasingly difficult to service at current prices.

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