



Direct Energy Business
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Market Settles

| NYMEX Settle Prices | 10/31/17 | 10/30/17 | Change |
|----------------------|----------------|---------------|-----------------|
| Dec-17 | \$2.896 | \$2.966 | \$(0.070) |
| Jan-18 | \$3.026 | \$3.100 | \$(0.074) |
| Feb-18 | \$3.030 | \$3.103 | \$(0.073) |
| Mar-18 | \$3.000 | \$3.066 | \$(0.066) |
| Apr-18 | \$2.862 | \$2.908 | \$(0.046) |
| May-18 | \$2.851 | \$2.893 | \$(0.042) |
| Jun-18 | \$2.884 | \$2.924 | \$(0.040) |
| Jul-18 | \$2.918 | \$2.955 | \$(0.037) |
| Aug-18 | \$2.923 | \$2.959 | \$(0.036) |
| Sep-18 | \$2.906 | \$2.942 | \$(0.036) |
| Oct-18 | \$2.930 | \$2.965 | \$(0.035) |
| Nov-18 | \$2.988 | \$3.020 | \$(0.032) |
| Dec-18 | \$3.127 | \$3.155 | \$(0.028) |
| Jan-19 | \$3.211 | \$3.235 | \$(0.024) |
| Feb-19 | \$3.183 | \$3.205 | \$(0.022) |
| Mar-19 | \$3.114 | \$3.134 | \$(0.020) |
| Apr-19 | \$2.784 | \$2.795 | \$(0.011) |
| May-19 | \$2.744 | \$2.753 | \$(0.009) |
| Jun-19 | \$2.766 | \$2.775 | \$(0.009) |
| Jul-19 | \$2.788 | \$2.797 | \$(0.009) |
| Aug-19 | \$2.787 | \$2.796 | \$(0.009) |
| Sep-19 | \$2.770 | \$2.779 | \$(0.009) |
| Oct-19 | \$2.794 | \$2.803 | \$(0.009) |
| Nov-19 | \$2.859 | \$2.865 | \$(0.006) |
| Dec-19 | \$3.013 | \$3.017 | \$(0.004) |
| Jan-20 | \$3.114 | \$3.119 | \$(0.005) |
| Feb-20 | \$3.090 | \$3.097 | \$(0.007) |
| Mar-20 | \$3.035 | \$3.043 | \$(0.008) |
| Apr-20 | \$2.738 | \$2.738 | \$0.000 |
| May-20 | \$2.712 | \$2.713 | \$(0.001) |
| Jun-20 | \$2.736 | \$2.737 | \$(0.001) |
| Jul-20 | \$2.763 | \$2.763 | \$0.000 |
| Aug-20 | \$2.775 | \$2.775 | \$0.000 |
| Sep-20 | \$2.775 | \$2.775 | \$0.000 |
| Oct-20 | \$2.801 | \$2.801 | \$0.000 |
| Nov-20 | \$2.869 | \$2.871 | \$(0.002) |
| Dec-20 | \$3.019 | \$3.023 | \$(0.004) |
| Jan-21 | \$3.129 | \$3.133 | \$(0.004) |
| Feb-21 | \$3.104 | \$3.109 | \$(0.005) |
| Mar-21 | \$3.048 | \$3.054 | \$(0.006) |
| Apr-21 | \$2.743 | \$2.747 | \$(0.004) |
| NYMEX Liquids | Prompt | Q1 '18 | 12 Month |
| Crude | \$54.38 | \$54.67 | \$54.19 |

Data Source: New York Mercantile Exchange

| | | |
|---------------------|---------------------------------|-----------------|
| Prompt Month | NYMEX December 2017 Natural Gas | 11/28/17 |
| Contract Expiration | NYMEX December 2017 Crude Oil | 11/20/17 |

Data Source: New York Mercantile Exchange

| E.I.A. Storage Data - Next report: 11/2/2017, 10:30 EDT, for week ending Oct 27, 2017 | | | |
|---|-----------------------|--------------|-----------|
| Region | Week Ended 10/20/2017 | Prior Week | Change |
| East | 915 | 902 | 13 |
| Midwest | 1,082 | 1,054 | 28 |
| Mountain | 224 | 224 | 0 |
| Pacific | 315 | 316 | -1 |
| South Central | 1,174 | 1,150 | 24 |
| TOTAL | 3,710 | 3,646 | 64 |
| Prior Year | 3,899 | 3,826 | 73 |
| 5-year avg | 3,756 | 3,681 | 75 |
| Current Year vs. Prior Year | -189 | -180 | -9 |
| Current Year vs. 5-yr Avg. | -46 | -35 | -11 |

| NYMEX Strips (\$/MMBtu) | 10/31/17 | 10/30/17 | Change |
|--------------------------------|----------------|----------|-----------|
| 1-yr strip (Dec '17 - Nov '18) | \$2.935 | \$2.983 | \$(0.049) |
| Balance 2017 | \$2.896 | \$2.966 | \$(0.070) |
| Q1 2018 | \$3.019 | \$3.090 | \$(0.071) |
| Q2 2018 | \$2.866 | \$2.908 | \$(0.043) |
| Q3 2018 | \$2.916 | \$2.952 | \$(0.036) |
| Q4 2018 | \$3.015 | \$3.047 | \$(0.032) |
| Q1 2019 | \$3.169 | \$3.191 | \$(0.022) |
| Q2 2019 | \$2.765 | \$2.774 | \$(0.010) |
| Q3 2019 | \$2.782 | \$2.791 | \$(0.009) |
| Q4 2019 | \$2.889 | \$2.895 | \$(0.006) |
| Q1 2020 | \$3.080 | \$3.086 | \$(0.007) |
| Q2 2020 | \$2.729 | \$2.729 | \$(0.001) |
| Q3 2020 | \$2.771 | \$2.771 | \$0.000 |
| Q4 2020 | \$2.896 | \$2.898 | \$(0.002) |
| Q1 2021 | \$3.094 | \$3.099 | \$(0.005) |
| 12 month strip | \$2.935 | \$2.983 | \$(0.049) |
| 24 month strip | \$2.923 | \$2.954 | \$(0.031) |
| 36 month strip | \$2.905 | \$2.926 | \$(0.022) |
| 48 month strip | \$2.897 | \$2.915 | \$(0.017) |
| 60 month strip | \$2.898 | \$2.913 | \$(0.015) |
| Calendar 2018 | \$2.954 | \$2.999 | \$(0.045) |
| Calendar 2019 | \$2.901 | \$2.913 | \$(0.012) |
| Calendar 2020 | \$2.869 | \$2.871 | \$(0.002) |
| Calendar 2021 | \$2.877 | \$2.882 | \$(0.005) |
| Calendar 2022 | \$2.902 | \$2.909 | \$(0.006) |
| Calendar 2023 | \$2.963 | \$2.966 | \$(0.003) |

Data Source: New York Mercantile Exchange

NYMEX CONTRACT EXPIRATIONS

| | Natural Gas | Crude Oil |
|-------------|-------------|-----------|
| Jan 2017: | 12/28/16 | 12/20/16 |
| Feb 2017: | 1/27/17 | 1/20/17 |
| Mar 2017: | 2/24/17 | 2/21/17 |
| April 2017: | 3/29/17 | 3/21/17 |
| May 2017: | 4/26/17 | 4/20/17 |
| June 2017: | 5/26/17 | 5/22/17 |
| July 2017: | 6/28/17 | 6/20/17 |
| Aug 2017: | 7/27/17 | 7/20/17 |
| Sep 2017: | 8/29/17 | 8/22/17 |
| Oct 2017: | 9/27/17 | 9/20/17 |
| Nov 2017: | 10/27/17 | 10/20/17 |
| Dec 2017: | 11/28/17 | 11/20/17 |

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