Cumulative HDDs by City
30 Day Intervals

Source: Bloomberg Weather

Updated 11/22/2016
Cumulative CDDs by City
30 Day Intervals

Source: Bloomberg Weather
Spot Natural Gas Prices
30 Day Average ($/MMBtu)

- NW Sumas: $1.67
- AECO: $2.33 (18% increase)
- CIG: $2.59 (25% increase)
- PG&E Citygate: $3.19 (13% increase)
- El Paso Permian: $2.60 (25% increase)
- SoCal Border: $2.72 (16% increase)
- NGPL Midcont: $2.74 (20% increase)
- Chicago Citygate: $2.83 (20% increase)
- Columbia TCO Pool: $2.70 (25% increase)
- Henry Hub: $2.92 (28% increase)
- FGT-Z3: $2.90 (33% increase)
- Transco Z6-NY: $1.26 (-42% decrease)
- Algonquin Citygate: $2.31 (-43% decrease)

Source: ICE
Updated: 11/22/2016
Natural Gas Trading: Volume Map

**Spot Natural Gas Trading Volumes**

**30 Day Average (MMBtus)**

- **PG&E Citygate**: 396,153 MMBtus, -23%
- **Sumas**: 16, #DIV/0!
- **CIG**: 37,730 MMBtus, -34%
- **Columbia TCO Pool**: 417,873 MMBtus, -16%
- **Chicago Citygate**: 43,633 MMBtus, -95%
- **Transco Z6-NY**: 43,633 MMBtus, -18%
- **NGPL Midcon**: 220,780 MMBtus, -16%
- **SoCal Border**: 193,137 MMBtus, -58%
- **Henry Hub**: 177,640 MMBtus, 73%
- **FGT-Z3**: 120,550 MMBtus, 9%
- **HSC**: 17,960 MMBtus, -71%
- **El Paso Permian**: 210,850 MMBtus, -5%

**Source:** ICE Updated 11/22/2016
Natural Gas Trading: Gas vs Coal

Gas vs Coal

Nymex Futures Curves ($/MMBtu)

Source: Derived from Bloomberg data
Nymex Futures Curves

Source: Derived from Bloomberg data

Updated: 11/22/2016
Brent vs WTI

Oil Prices ($/Barrel)

Source: Derived from Bloomberg dataUpdated 11/22/2016