

OPIS NATURAL GAS

PRICE DAILY

NATURAL GAS



REPORT DATE: December 8, 2017

FLOW DATE: December 8, 2017

Prices (\$/MMBtu)

Hub	High	Low	Avg	% Chg	Basis
Henry Hub	2.805	2.805	2.805	-3.905	0.000
East					
Algonquin, Citygates	3.900	3.860	3.872	-6.383	1.067
Columbia Gas, App. (TCO)	2.700	2.660	2.678	-5.170	-0.127
Dominion, North Point	2.389	2.389	2.389	-6.277	-0.416
Dominion, South Point	2.450	2.350	2.402	-5.988	-0.403
Iroquois (into)	3.060	3.000	3.039	-4.193	0.234
Iroquois-Z2	3.350	3.200	3.240	-1.818	0.435
Leidy-Transco	2.334	2.334	2.334	-5.122	-0.471
Millennium EP	2.315	2.315	2.315	-6.427	-0.490
TETCO-M2 (receipt)	2.360	2.225	2.316	-7.323	-0.489
TETCO-M3	2.660	2.660	2.660	-3.448	-0.145
Transco-Z6 (non-NY north)	5.035	5.035	5.035	53.040	2.230
Transco-Z6 (non-NY)	5.046	5.046	5.046	53.141	2.241
Transco-Z6 (NY)	3.955	3.955	3.955	21.133	1.150
Gulf Coast/Texas					
ANR-LA	2.720	2.705	2.715	-5.037	-0.090
ANR-SE	2.715	2.715	2.715	-5.037	-0.090
Carthage	2.680	2.675	2.676	-4.633	-0.129
Columbia Gulf, LA	2.720	2.720	2.720	-4.326	-0.085
Columbia Gulf, Mainline	2.720	2.690	2.707	-4.549	-0.098
Florida Gas, zone 1	2.809	2.809	2.809	-3.834	0.004
Florida Gas, zone 2	2.802	2.802	2.802	-3.975	-0.003
Florida Gas, zone 3	2.825	2.760	2.795	-3.952	-0.010
Houston Ship Channel	2.800	2.775	2.776	-4.866	-0.029
Katy	2.762	2.762	2.762	-4.660	-0.043
Katy-Lonestar Inter	2.730	2.730	2.730	-6.186	-0.075
NGPL-STX	2.665	2.665	2.665	-6.261	-0.140
NGPL-TXOK	2.600	2.600	2.600	-4.866	-0.205
Sonat-T1	2.770	2.760	2.765	-4.325	-0.040
TETCO-ELA	2.705	2.705	2.705	-4.112	-0.100
TETCO-ETX	2.700	2.700	2.700	-4.289	-0.105
TETCO-M1 30	2.738	2.738	2.738	-4.633	-0.067
TETCO-STX	2.740	2.700	2.729	-4.346	-0.076

Hub	High	Low	Avg	% Chg	Basis
TETCO-WLA	2.729	2.729	2.729	-4.044	-0.076
TGP-500L	2.759	2.759	2.759	-3.968	-0.046
TGP-800L	2.715	2.715	2.715	-4.435	-0.090
TGP-Z0	2.674	2.674	2.674	-2.799	-0.131
TGT-Mainline (TGT-ZN1)	2.715	2.695	2.700	-4.594	-0.105
TGT-SL	2.699	2.699	2.699	-1.890	-0.106
Transco-30 (ZN1)	2.745	2.745	2.745	-3.072	-0.060
Transco-45 (ZN2)	2.769	2.769	2.769	-3.182	-0.036
Transco-65 (ZN3)	2.795	2.755	2.780	-4.566	-0.025
Transco-85 (ZN4)	2.805	2.780	2.793	-4.578	-0.012
Transco-Z5 (non-WGL)	3.984	3.984	3.984	22.660	1.179
Trunkline-ELA	2.749	2.749	2.749	-3.374	-0.056
Trunkline-Z1A	2.695	2.680	2.683	-5.528	-0.122
Midcontinent - Central					
Alliance, into interstates	2.693	2.693	2.693	-6.526	-0.112
ANR, OKLA	2.453	2.425	2.438	-8.173	-0.367
ANR-Joliet Hub (Joliet)	2.693	2.693	2.693	-6.526	-0.112
Chicago Citygates	2.750	2.670	2.708	-6.910	-0.097
Consumers Citygate	2.745	2.700	2.727	-6.481	-0.078
Dawn, Ontario	2.875	2.765	2.833	-6.161	0.028
Demarc	2.640	2.630	2.637	-7.148	-0.168
EGT-East	2.830	2.710	2.792	1.527	-0.013
EGT-South (EGT-Flex)	2.721	2.721	2.721	-3.442	-0.084
Emerson, Viking GL	2.800	2.660	2.702	-6.538	-0.103
Lebanon Hub	2.690	2.665	2.684	-5.159	-0.121
Michcon	2.710	2.710	2.710	-5.870	-0.095
NBPL-Ventura	2.650	2.460	2.620	-8.038	-0.185
NGPL, Midcontinent	2.480	2.435	2.452	-7.854	-0.353
NGPL-Amarillo Rec.	2.590	2.580	2.585	-8.040	-0.220
Oneok-OK	2.250	2.250	2.250	-6.250	-0.555
Panhandle	2.500	2.335	2.438	-8.723	-0.367
Southern Star	2.465	2.465	2.465	-8.091	-0.340
West - Rockies					
Cheyenne Hub	2.400	2.380	2.398	-7.270	-0.407

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Hub	High	Low	Avg	% Chg	Basis
CIG Mainline	2.405	2.405	2.405	-7.143	-0.400
CIG, Rockies	2.390	2.300	2.353	-9.326	-0.452
El Paso, Bondad	2.530	2.510	2.530	-9.643	-0.275
El Paso, Permian	2.400	2.400	2.400	-9.468	-0.405
El Paso, San Juan	2.495	2.470	2.489	-10.693	-0.316
El Paso, South Mainline	3.155	3.020	3.073	-5.504	0.268
EL Paso, Waha	2.550	2.397	2.501	-6.365	-0.304
GTN, Kingsgate	2.495	2.495	2.495	-9.503	-0.310
Kern River, delivered	2.811	2.811	2.811	0.717	0.006
Malin	2.650	2.650	2.650	-6.095	-0.155
NW, Wyo. Pool	2.543	2.543	2.543	-8.162	-0.262
NWP-Rocky Mtn	2.550	2.487	2.506	-7.596	-0.299
Opal	2.550	2.550	2.550	-8.635	-0.255
Opal Plant Tailgate	2.556	2.556	2.556	-9.168	-0.249
PG&E-Citygate	2.860	2.852	2.855	-3.904	0.050
PG&E-Topock	2.570	2.515	2.523	-8.087	-0.282
SoCal Border	2.904	2.904	2.904	-7.868	0.099
SoCal-Citygate	7.600	7.200	7.484	24.464	4.679
Sumas	2.670	2.620	2.633	-7.256	-0.172
TW-Blanco	2.480	2.452	2.460	-12.017	-0.345
TW-Permian	2.460	2.460	2.460	-8.209	-0.345
White River Hub	2.515	2.510	2.514	-8.248	-0.291
Canada (C/GJ)					
TCPL AECO-C	1.650	1.497	1.592	-6.573	-1.213
Westcoast-STA2	0.550	0.420	0.474	43.202	-2.331

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OPIS NATURAL GAS

PRICE BIDWEEK



REPORT DATE: December 1, 2017

FLOW DATE: December 1, 2017 through December 31, 2017

Prices (\$/MMBtu)

Hub	High	Low	Avg	% Chg	Basis
Henry Hub	3.081	3.081	3.081	12.240	0.000
East					
Algonquin, Citygates	2.733	2.733	2.733	-1.157	-0.348
Columbia Gas, App. (TCO)	2.899	2.896	2.898	20.649	-0.183
Dominion, North Point	2.511	2.501	2.506	69.096	-0.575
Dominion, South Point	2.600	2.381	2.492	60.257	-0.589
Iroquois (into)	4.081	3.881	3.956	42.047	0.875
Iroquois-Z2	4.405	4.405	4.405	59.891	1.324
Leidy-Transco	2.401	2.401	2.401	75.897	-0.680
Millennium EP	2.522	2.522	2.522	82.094	-0.559
TETCO-M2 (receipt)	2.591	2.466	2.501	68.304	-0.580
TETCO-M3	2.630	2.630	2.630	52.199	-0.451
Transco-Z6 (non-NY north)	3.721	3.721	3.721	42.294	0.640
Transco-Z6 (non-NY)	3.725	3.725	3.725	42.994	0.644
Transco-Z6 (NY)	4.278	4.278	4.278	63.657	1.197
Gulf Coast/Texas					
ANR-LA	3.001	3.001	3.001	14.455	-0.080
ANR-SE	3.001	3.001	3.001	14.455	-0.080
Carthage	2.942	2.942	2.942	12.548	-0.139
Columbia Gulf, LA	3.011	3.011	3.011	13.967	-0.070
Columbia Gulf, Mainline	2.986	2.961	2.968	13.804	-0.113
Florida Gas, zone 1	3.074	3.074	3.074	12.518	-0.007
Florida Gas, zone 2	3.066	3.066	3.066	12.514	-0.015
Florida Gas, zone 3	3.061	3.061	3.061	12.661	-0.020
Houston Ship Channel	3.012	3.012	3.012	8.384	-0.069
Katy	3.010	3.010	3.010	8.508	-0.071
Katy-Lonestar Inter	3.013	3.013	3.013	8.577	-0.068
NGPL-STX	2.966	2.966	2.966	11.003	-0.115
NGPL-TXOK	2.920	2.916	2.917	10.284	-0.164
Sonat-T1	3.031	3.031	3.031	14.162	-0.050
TETCO-ELA	2.981	2.850	2.970	12.713	-0.111
TETCO-ETX	2.931	2.931	2.931	11.233	-0.150
TETCO-M1 30	3.082	3.082	3.082	17.859	0.001
TETCO-STX	2.971	2.971	2.971	10.776	-0.110

Hub	High	Low	Avg	% Chg	Basis
TETCO-WLA	2.981	2.981	2.981	12.279	-0.100
TGP-500L	3.021	3.021	3.021	13.828	-0.060
TGP-800L	2.981	2.978	2.980	12.708	-0.101
TGP-Z0	2.926	2.921	2.924	12.246	-0.157
TGT-Mainline (TGT-ZN1)	2.976	2.976	2.976	14.682	-0.105
TGT-SL	2.970	2.970	2.970	13.576	-0.111
Transco-30 (ZN1)	2.991	2.988	2.990	12.618	-0.091
Transco-45 (ZN2)	3.033	3.033	3.033	13.426	-0.048
Transco-65 (ZN3)	3.064	3.051	3.055	13.400	-0.026
Transco-85 (ZN4)	3.062	3.062	3.062	13.787	-0.019
Transco-Z5 (non-WGL)	3.671	3.671	3.671	30.409	0.590
Trunkline-ELA	2.995	2.995	2.995	15.414	-0.086
Trunkline-Z1A	2.976	2.920	2.971	14.666	-0.110
Midcontinent - Central					
Alliance, into interstates	3.118	3.118	3.118	17.660	0.037
ANR, OKLA	2.711	2.711	2.711	6.523	-0.370
ANR-Joliet Hub (Joliet)	3.118	3.118	3.118	17.660	0.037
Chicago Citygates	3.180	3.017	3.100	8.392	0.019
Consumers Citygate	3.121	3.081	3.092	15.030	0.011
Dawn, Ontario	3.310	3.221	3.266	20.162	0.185
Demarc	3.035	3.035	3.035	16.641	-0.046
EGT-East	2.821	2.821	2.821	8.500	-0.260
EGT-South (EGT-Flex)	2.898	2.898	2.898	7.135	-0.183
Emerson, Viking GL	3.100	3.031	3.055	21.375	-0.026
Lebanon Hub	2.991	2.991	2.991	17.525	-0.090
Michcon	3.034	2.865	3.027	14.356	-0.054
NBPL-Ventura	3.150	3.020	3.092	12.273	0.011
NGPL, Midcontinent	2.821	2.635	2.713	4.709	-0.368
NGPL-Amarillo Rec.	2.956	2.956	2.956	14.841	-0.125
Oneok-OK	2.410	2.410	2.410	0.879	-0.671
Panhandle	2.701	2.532	2.677	6.994	-0.404
Southern Star	2.622	2.622	2.622	6.283	-0.459
West - Rockies					
Cheyenne Hub	2.673	2.673	2.673	4.824	-0.408

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Hub	High	Low	Avg	% Chg	Basis
CIG Mainline	2.670	2.670	2.670	5.118	-0.411
CIG, Rockies	2.652	2.652	2.652	4.574	-0.429
El Paso, Bondad	2.459	2.459	2.459	2.245	-0.622
El Paso, Permian	2.430	2.420	2.427	1.125	-0.654
El Paso, San Juan	2.540	2.540	2.540	4.484	-0.541
El Paso, South Mainline	2.795	2.795	2.795	5.432	-0.286
EL Paso, Waha	2.441	2.441	2.441	-2.594	-0.640
GTN, Kingsgate	2.479	2.479	2.479	-3.202	-0.602
Kern River, delivered	3.303	3.303	3.303	16.344	0.222
Malin	2.675	2.675	2.675	-2.443	-0.406
NW, Wyo. Pool	2.669	2.669	2.669	4.667	-0.412
NWP-Rocky Mtn	2.681	2.681	2.681	5.179	-0.400
Opal	2.811	2.811	2.811	5.677	-0.270
Opal Plant Tailgate	2.815	2.815	2.815	5.827	-0.266
PG&E-Citygate	3.110	3.100	3.105	-2.665	0.024
PG&E-Topock	2.625	2.625	2.625	-5.269	-0.456
SoCal Border	3.359	3.359	3.359	16.511	0.278
SoCal-Citygate	7.000	5.650	6.375	76.740	3.294
Sumas	3.250	3.100	3.148	17.157	0.067
TW-Blanco	2.520	2.520	2.520	4.564	-0.561
TW-Permian	2.500	2.500	2.500	4.428	-0.581
White River Hub	2.632	2.632	2.632	4.362	-0.449
Canada (C/GJ)					
TCPL AECO-C	2.000	1.890	1.971	-6.143	-1.110
Westcoast-STA2	1.285	1.092	1.247	-16.365	-1.834

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