



Competitive Energy Services Weekly Market Summary

May 15 - 19, 2017

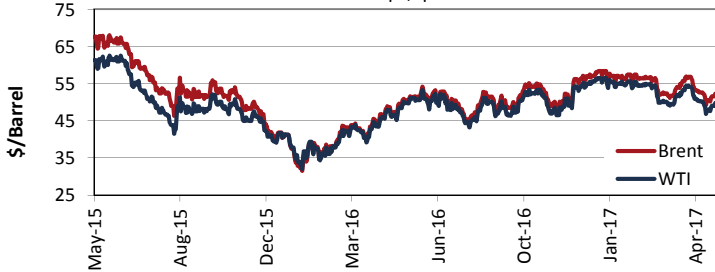
Synopsis of Last Week's Energy Markets

Crude oil continued to see volatility last week. The OPEC-led production cuts have failed to make a sustained impact on prices, instead causing wild swings. Prices climbed last week in anticipation that the consortium will agree to an extension of the cuts. Natural gas prices fell from five-month highs on an outlook for a mild end to May that could hold down cooling demand. This week's storage injection was lower than normal, narrowing the surplus to 12% to the five-year average.

Oil Market

Crude Oil - WTI & Brent

12-Month Forward Strips, past 24 months

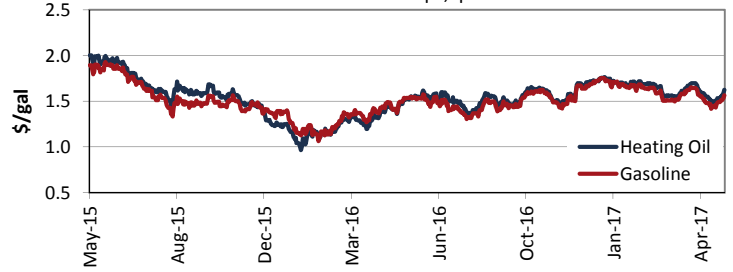


NYMEX WTI	last close	previous week	24-month high	24-month low
12 month strip, \$/bbl	\$51.27	\$48.96	\$62.86	\$32.40
date	5/19/17	5/12/17	6/10/15	1/20/16
change from last close		4.7%	-18.4%	58%

US STORAGE (in million bbls)		crude oil
domestic stocks as of	5/12/17	521
gain / loss from previous week		-1.8
comparison to historic range		above

Heating Oil & Gasoline

NYMEX 12-Month Forward Strips, past 24 months



NYMEX Heating Oil	last close	previous week	24-month high	24-month low
12 month strip, \$/gal	\$1.62	\$1.53	\$2.03	\$0.97
date	5/19/17	5/12/17	5/21/15	1/20/16
change from last close		5.7%	-20%	67%

US STORAGE (in million bbls)		distillate	propane	gasoline
domestic stocks as of	5/12/17	147	42	241
gain / loss from previous week		-1.9	0.58	-0.4
comparison to historic range		within	within	above

Natural Gas Market

NYMEX Henry Hub Futures: 12 Month Forward Strip

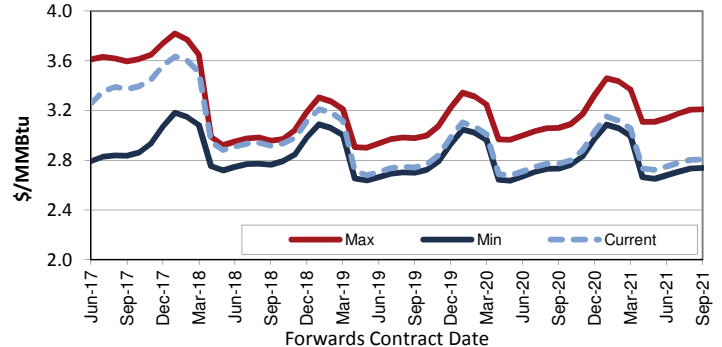


NYMEX PRICING	last close	previous week	24-month high	24-month low
12 mo. strip, \$/MMBtu	\$3.36	\$3.47	\$3.70	\$2.11
date	5/19/17	5/12/17	12/28/16	2/25/16
change from last close		-3.0%	-9%	60%

CES SCORE	
12 month	28
18 month	26
24 month	33
36 month	50

The Score provides a measure of how current prices compare to their 52-week range. A score close to 0 indicates that current prices are close to their 52-week highs; a score close to 100 indicates that current prices are close to their 52-week lows.

NYMEX Natural Gas Forwards vs. 1 Year Range



FORWARDS	12 month	18 month	24 month	36 month
strip (\$/MMBtu)	\$3.36	\$3.22	\$3.17	\$3.06

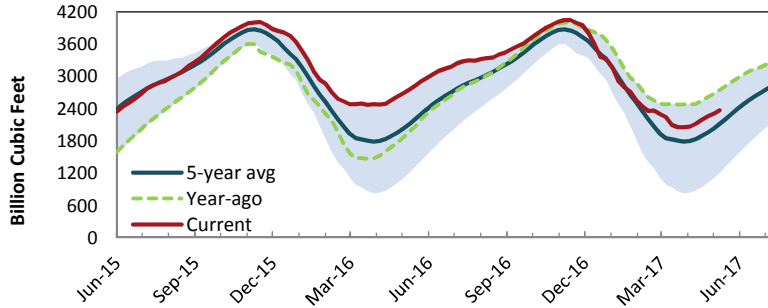
Natural gas futures are useful for both natural gas and electricity consumers because they drive electricity pricing in many U.S. markets. This chart compares the current natural gas price for each forward month on the NYMEX exchange to the highest and lowest prices for the same month over the past 12 months.



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Natural Gas Storage

Working Gas in Underground Storage Compared With 5-Year Range



This chart shows the amount of natural gas in storage at each point in time (red line) compared to the highest, lowest, and average amounts in the past 5 calendar years.

EIA Storage Data	date	Bcf	+ / -
Previous Stock Level	5/5/17	2,301	
Most Recent Stock Level	5/12/17	2,369	
Year-ago Stock Level		2,744	-13.7%
5-Year Average Stock Level		2,113	12.1%
Most Recent Net Change	5/12/17	68	
Year-Ago Net Change		71	
5-Year Average Net Change		87	

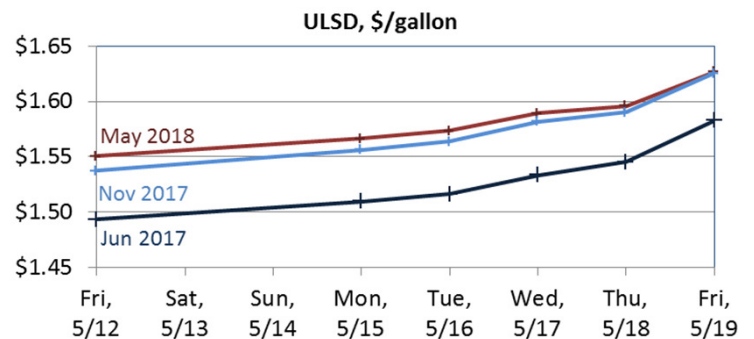
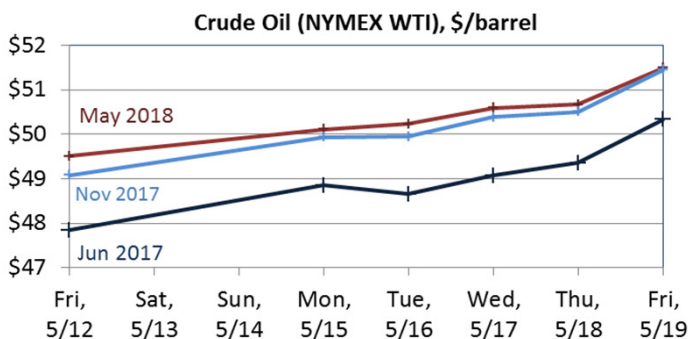
Data Source: EIA <http://tonto.eia.doe.gov/oog/info/ngs/ngs.html>

Market Assessment

NYMEX Futures Summary Statistics

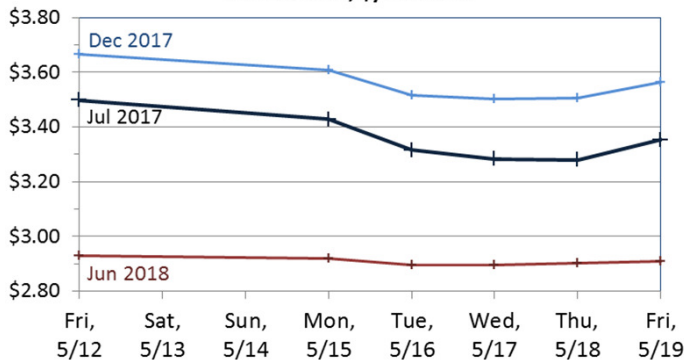
	Last Expired Contract	Exp. Date	Price	Prompt Month	Price	Most Expensive Next 12 Months	Price	Least Expensive Next 12 Months	Price	Next Winter Avg (Nov17-Mar18)
Crude oil	May-17	4/20/17	\$50.27	Jun-17	\$50.33	Feb-18	\$51.64	Jun-17	\$50.33	\$51.58
Heating oil	May-17	3/31/17	\$1.50	Jun-17	\$1.58	Feb-18	\$1.64	Jun-17	\$1.58	\$1.64
Natural gas	May-17	3/29/17	\$3.14	Jun-17	\$3.26	Jan-18	\$3.64	May-18	\$2.88	\$3.55

NYMEX End-of-Day Settlements



Crude oil prices rose for a second week; the prompt month climbed above the \$50 mark for the first time in over a month. The week started off on the news that Russia and Saudi Arabia had unofficially agreed they would push for a nine month extension of the production cuts, through March 2018. At the time, analyst had expected a six month extension at most. Domestically, the EIA storage report also boosted prices; crude oil stocks fell for a sixth straight week. On Friday, Baker Hughes reported that oil rigs rose to 720, an 18th consecutive weekly gain. OPEC and non-OPEC producers are meeting May 25th and are expected to announce a decision on the extension of the joint production cuts. Iraq may be a stumbling block, as OPEC's second largest producer was the least compliant with first quarter quota and relies on oil revenues to fight the Islamic State.

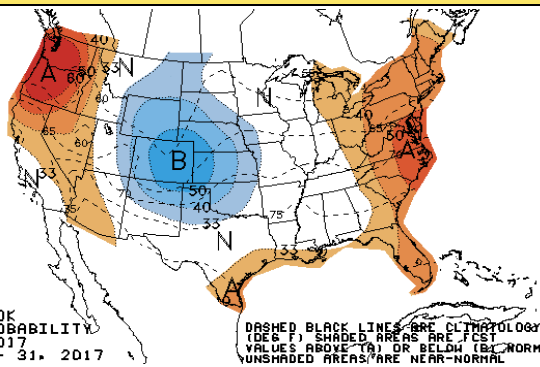
Natural Gas, \$/MMBTU



Natural gas prices fell last week; June contracts slipped 12 cents on Tuesday alone as forecasts for a cold May could signal an accelerated storage build in the near term. One-month futures prices continued to fall on Wednesday and Thursday while outer months recovered on forecasts of warm summer weather arriving amid relatively low production and high pipeline and LNG exports. On Thursday the EIA reported a storage injection of 68 Bcf, lower than the average for this time of year (87 Bcf) but higher than analyst had projected for the week (closer to 60 Bcf). Despite recoveries on Friday, one-month futures fell 5% week-over-week, closing at \$3.26 on Friday afternoon.

The National Weather Service near-term forecast calls for above-normal temperatures for the East and West coasts, while the central US is expected to be normal or cooler-than-normal. The natural gas market scores on page 1 improved from the previous week across all terms. Clients with electricity or natural gas contracts expiring in 2017 or 2018 should consult with a CES representative for customized guidance.

National Weather Service Forecast



6 - 10 Day Forecast for May 21 - 25, 2017

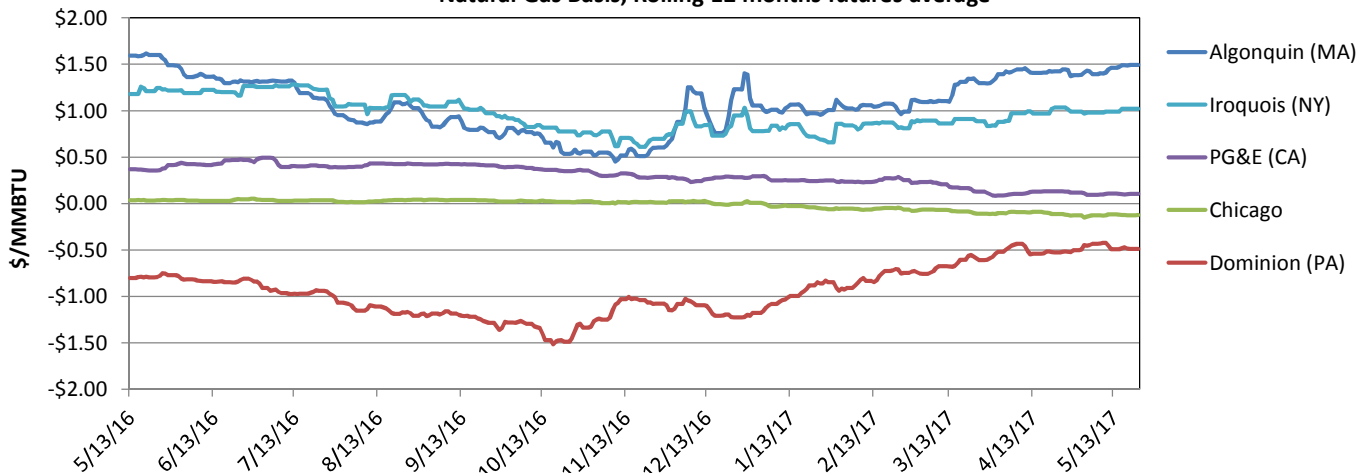
This map depicts forecasted temperatures for next week compared to the long term average. The blue/purple areas are forecast to be colder than normal, white areas are normal, and yellow/orange/red areas are warmer than normal. Abnormally hot weather in the summer and cold weather in the winter can increase the price for natural gas, oil, and electricity.

Source: Chart from the National Weather Service Climate Prediction Center www.cpc.ncep.noaa.gov

Natural Gas Basis Futures

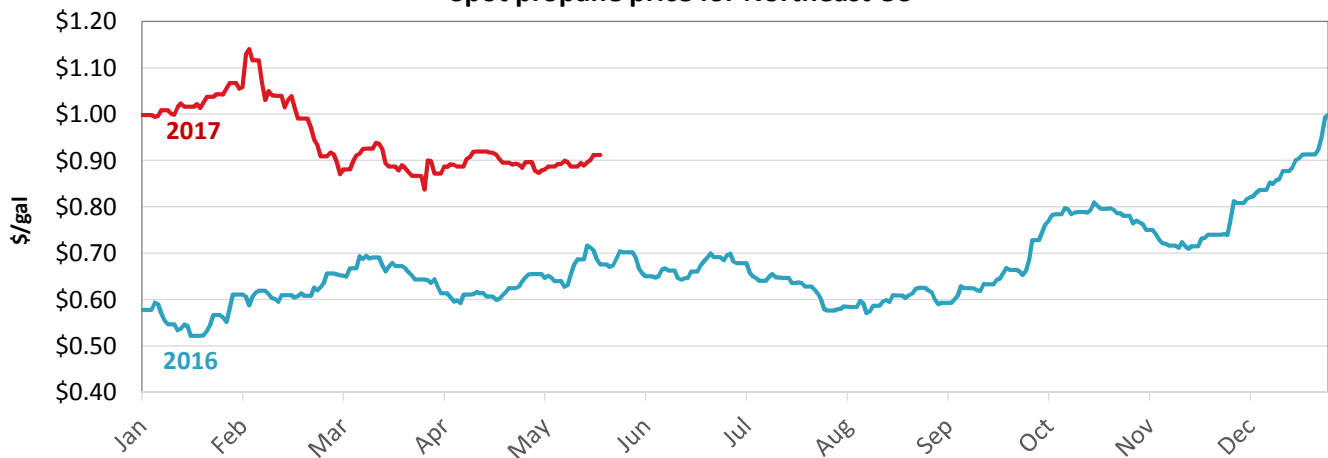
Basis is the price differential between Henry Hub, located in Erath, Louisiana, and the liquidity point closest to the end-user. Because Henry Hub is used as the delivery point for NYMEX natural gas futures contracts, the cost of using natural gas in any geographic region of the country can be approximated by adding the basis price for the appropriate liquidity point to the NYMEX futures contract. Basis prices can be negative (indicating that natural gas at a liquidity point is cheaper than at the Henry Hub) or positive (indicating that natural gas at a different liquidity point is more expensive than at the Henry Hub). Basis prices are a key component of regional electricity and natural gas costs.

Natural Gas Basis, Rolling 12 months futures average



Propane

Spot propane price for Northeast US



Spot Prices

		New England ISO Real Time Power Pricing By Zone (\$/MWh)							Avg		
		5/15/17	5/16/17	5/17/17	5/18/17	5/19/17	5/20/17	5/21/17			
Power (\$/MWh)	Maine RT On Pk	35	29	30	35	48			35		
	Maine RT Off Pk	16	24	19	(0)	28	27	26	20		
	NH RT On Pk	32	33	33	56	59			43		
	NH RT Off Pk	16	31	19	0	29	29	27	22		
	Vermont RT On Pk	35	33	34	85	71			51		
	Vermont RT Off Pk	17	33	19	3	31	29	27	23		
	Connecticut RT On Pk	37	34	38	123	91			65		
	Connecticut RT Off Pk	18	35	20	4	33	30	27	24		
	Rhode Island RT On Pk	36	34	37	130	92			66		
	Rhode Island RT Off Pk	18	36	20	4	32	29	27	24		
	NE Mass RT On Pk	36	34	87	181	192			106		
	NE Mass RT Off Pk	18	35	20	4	32	29	28	24		
	SE Mass RT On Pk	36	34	38	133	96			67		
	SE Mass RT Off Pk	18	36	20	4	32	30	28	24		
	WC Mass RT On Pk	36	34	39	129	95			67		
	WC Mass RT Off Pk	18	35	20	4	32	30	28	24		
			New York ISO Real Time Power Pricing By Zone (\$/MWh)							Avg	
Power (\$/MWh)	Capital RT On Pk	26	31	33	35	96			44		
	Capital RT Off Pk	15	37	25	22	44	62	18	32		
	Central RT On Pk	20	30	33	22	56			32		
	Central RT Off Pk	4	10	11	21	(10)	15	5	8		
	Hudson RT On Pk	26	32	45	52	114			54		
	Hudson RT Off Pk	12	29	20	23	31	48	15	26		
	Mohawk RT On Pk	20	28	33	22	55			32		
	Mohawk RT Off Pk	4	10	12	22	(3)	16	6	9		
	Milwood RT On Pk	26	32	46	56	120			56		
	Milwood RT Off Pk	11	29	23	23	31	49	15	26		
	NYC RT On Pk	26	33	51	69	135			63		
	NYC RT Off Pk	12	29	23	28	41	52	30	31		
			PJM Real Time Power Pricing By Zone (\$/MWh)							Avg	
	Power (\$/MWh)	Eastern Hub On Pk	30	38	46	63	63			48	
		Eastern Hub Off Pk	20	22	22	26	26	26	26	24	
		Western Hub On Pk	32	39	45	63	63			49	
		Western Hub Off Pk	21	22	23	26	26	26	26	24	
PPL Zone On Pk		29	37	45	65	65			48		
PPL Zone Off Pk		20	21	22	25	25	25	25	24		
AEP RT On Pk		47	44	47	63	63			53		
AEP RT Off Pk		22	22	23	26	26	26	26	24		
Chicago RT On Pk		48	42	31	41	41			41		
Chicago RT Off Pk		21	18	21	4	4	4	4	11		
New Jersey Hub On Pk		29	37	45	66	66			49		
New Jersey Hub Off Pk		20	21	22	26	26	26	26	24		
		California ISO Real Time Power Pricing (\$/MWh)							Avg		
Natural Gas \$/MMBtu		SoCal Edison RT On Pk	17	7	28	17	26			19	
		SoCal Edison RT Off Pk	18	19	20	43	27	20	22	24	
				5/15/17	5/16/17	5/17/17	5/18/17	5/19/17	5/20/17	5/21/17	Avg
		Henry Hub, LA	3.27	3.23	3.16	3.13	3.09			3.18	
	TZ6, MA	3.38	3.35	3.67	3.19	2.95			3.31		
	Algonquin, MA			5.00					5.00		
	Chicago Hub, IL	3.08	3.05	3.04	3.01	3.05			3.05		
	New York, NY	2.85	2.89	2.94	2.81	2.76			2.85		
	Dominion South, PA	2.80	2.80	2.77	2.74	2.71			2.76		
	Opal Hub, WY	2.90	2.81	2.79	2.75	2.79			2.81		
	PG&E Citygate, CA	3.50	3.41	3.35	3.33	3.35			3.39		
	Kern River Deliveries	2.98	2.86	2.83	2.80	2.85			2.86		