



Competitive Energy Services Weekly Market Summary

January 4 - 8, 2021

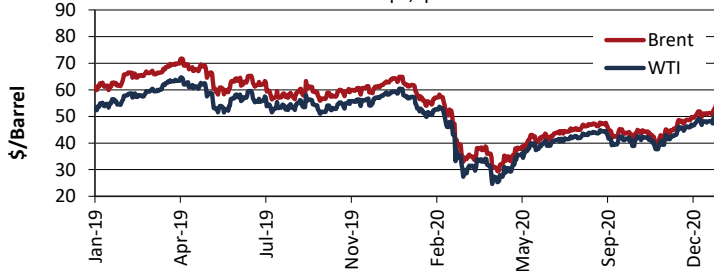
Synopsis of Last Week's Energy Markets

Crude oil prices ended Friday at \$52.24/barrel, a 7.7% increase from the week prior. Oil markets posted their largest weekly gain since the end of September, buoyed by Saudi Arabia's plan to cut output and optimism for the passing of an additional stimulus bill under the incoming Biden administration. Meanwhile, colder short-term forecasts and the potential for polar vortex conditions at the end of January caused natural gas prices to rise 6% from the previous week, settling at \$2.70/MMBtu last Friday.

Oil Market

Crude Oil - WTI & Brent

12-Month Forward Strips, past 24 months

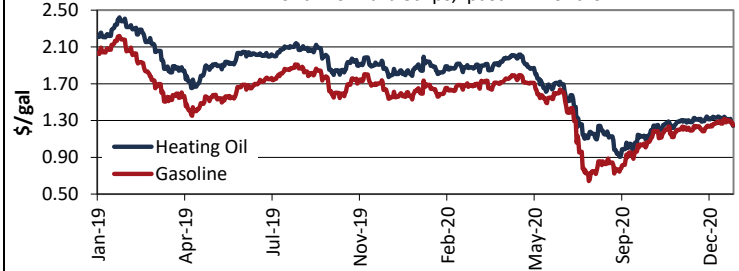


NYMEX WTI	last close	previous week	24-month high	24-month low
12 month strip, \$/bbl	\$51.23	\$48.27	\$64.69	\$23.66
date	1/8/21	1/1/21	4/23/19	4/21/20
change from last close		6.1%	-20.8%	116%

US STORAGE (in million bbls)	crude oil
domestic stocks as of 1/1/21	485
gain / loss from previous week	-8.0
comparison to historic range	outside

Heating Oil & Gasoline

NYMEX 12-Month Forward Strips, past 24 months

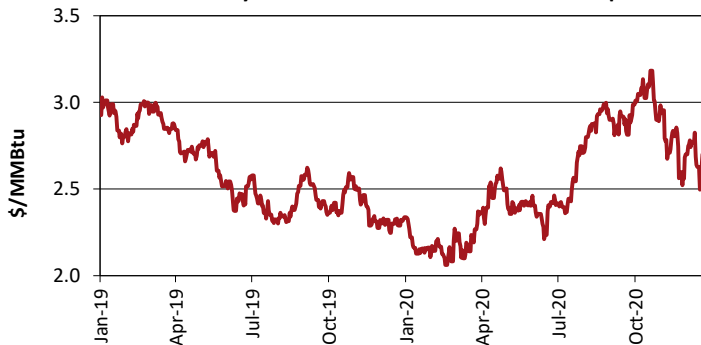


NYMEX Heating Oil	last close	previous week	24-month high	24-month low
12 month strip, \$/gal	\$1.59	\$1.32	\$2.14	\$0.90
date	1/8/21	1/1/21	4/23/19	4/28/20
change from last close		20.7%	-26%	76%

US STORAGE (in million bbls)	distillate	propane	gasoline
domestic stocks as of 1/1/21	158	0	241
gain / loss from previous week	6.4	0.0	4.5
comparison to historic range	within	within	within

Natural Gas Market

NYMEX Henry Hub Futures: 12 Month Forward Strip

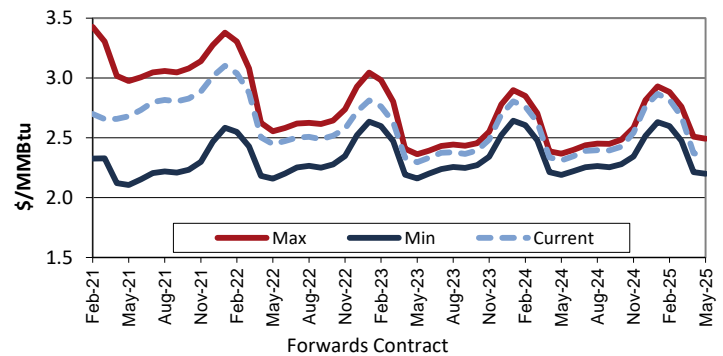


NYMEX PRICING	last close	previous week	24-month high	24-month low
12 mo. strip, \$/MMBtu	\$2.81	\$2.69	\$3.16	\$2.05
date	1/8/21	1/1/21	10/30/20	2/28/20
change from last close		4.1%	-11%	37%

CES SCORE	
12 month	38
18 month	35
24 month	37
36 month	37

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)	\$2.81	\$2.75	\$2.71	\$2.64

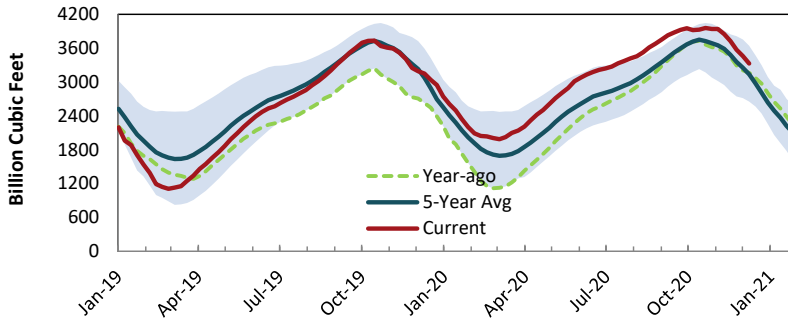
Natural gas futures are useful for both natural gas and electricity consumers because they drive electricity pricing in many U.S. markets. This chart compares the current natural gas price for each forward month on the NYMEX exchange to the highest and lowest prices for the same month over the past 12 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	12/25/20	3,460	
Most Recent Stock Level	1/1/21	3,330	
Year-ago Stock Level		3,161	5.3%
5-Year Average Stock Level		3,139	
Most Recent Net Change	1/1/21	-130	
Year-Ago Net Change		-48	
5-Year Average Net Change		-115	

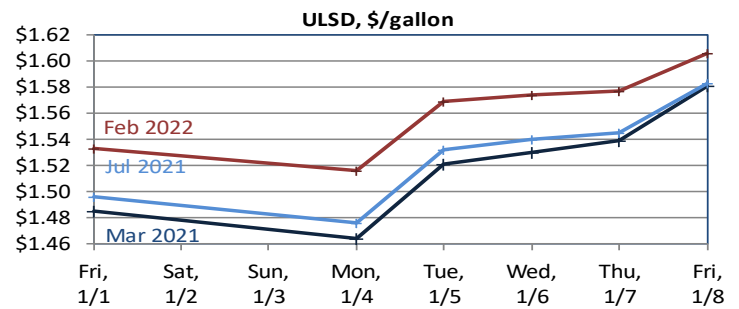
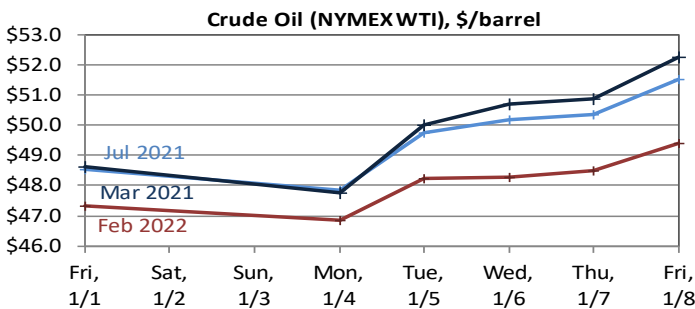
Data Source: EIA <http://tonto.eia.doe.gov/oog/info/ngs/ngs.html>

Market Assessment

NYMEX Futures Summary Statistics

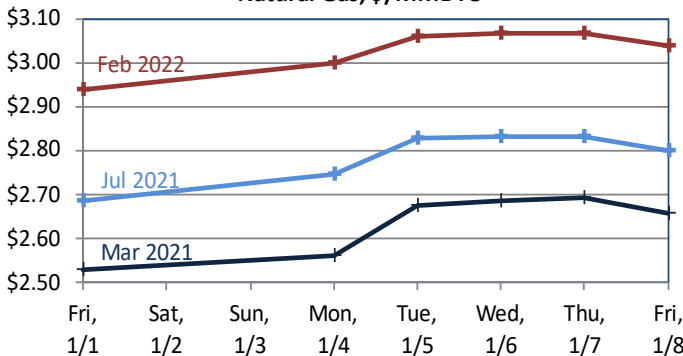
	Last Expired Contract	Exp. Date	Price	Prompt Month	Price	Most Expensive Next 12 Months	Price	Least Expensive Next 12 Months	Price	Winter Avg (Nov20-Mar21)
Crude oil	Dec-20	11/20/20	\$42.15	Jan-21	\$49.24	Apr-21	\$49.40	Dec-21	\$48.37	\$48.10
Heating oil	Dec-20	11/27/20	\$1.38	Jan-21	\$1.51	Dec-21	\$1.55	May-21	\$1.51	\$1.55
Natural gas	Dec-20	11/25/20	\$2.90	Jan-21	\$2.70	Dec-21	\$3.00	Mar-21	\$2.66	\$3.00

NYMEX End-of-Day Settlements



Crude oil prices ended Friday at \$52.24/barrel, a 7.7% increase from the week prior. Earlier last week Saudi Arabia pledged to cut their production by 1 million barrels per day in February and March, leading to a tighter supply outlook than originally anticipated. This news led to increased demand for US crude, especially in Asian markets. Many areas of Asia, including China, are experiencing the coldest winters in 60 years with Beijing seeing its coldest winter since 1966. These conditions are leading to increased prices in the region and temperatures are expected to remain below average for the majority of January. The results of the Georgia runoff elections last week also boosted the market as both Democratic candidates were elected, leading to increased optimism that an additional stimulus would be approved when the Biden administration takes control in less than two weeks.

Natural Gas, \$/MMBTU



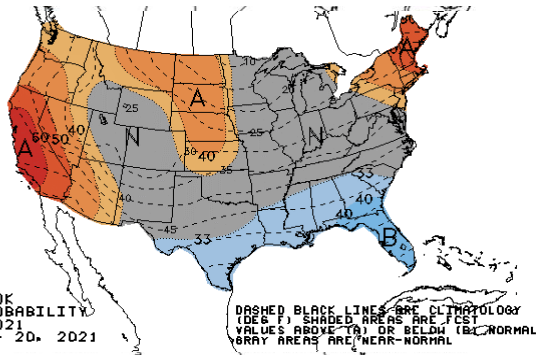
February front-month natural gas futures rose to \$2.70/MMBtu on Friday. An updated weather forecast signals a return to average January temperatures in the Northeastern region of the U.S. Additionally, a surge in cold air developing in the Arctic Circle has the potential to turn into polar vortex conditions in the Midwest and Northeast at the end of January. These forecasts are also contributing to speculation that heating fuel demand could drastically rise in the coming weeks. In addition, record gas prices in parts of Asia and high prices in Europe bolstered U.S. gas prices by encouraging higher LNG exports. As of last Friday, LNG feed gas volumes were 11.2 bcf/day, a 53% year-over-year increase. As of January 1, gas inventories fell 130 Bcf week-over-week to move total stockpiles to 3,330 Bcf.

The National Weather Service near-term forecast calls for average temperatures in the central US and above average temperatures along the West coast and in the Northeast. The CES Market Score on page 1 decreased from the previous week. Clients with electricity or natural gas contracts expiring in 2020 should consult with a CES representative for customized guidance.

National Weather Service Forecast



6-10 DAY OUTLOOK
TEMPERATURE PROBABILITY
MADE 10 JAN 2021
VALID JAN 16 - 20, 2021



6 - 10 Day Forecast for Jan 16 - 20

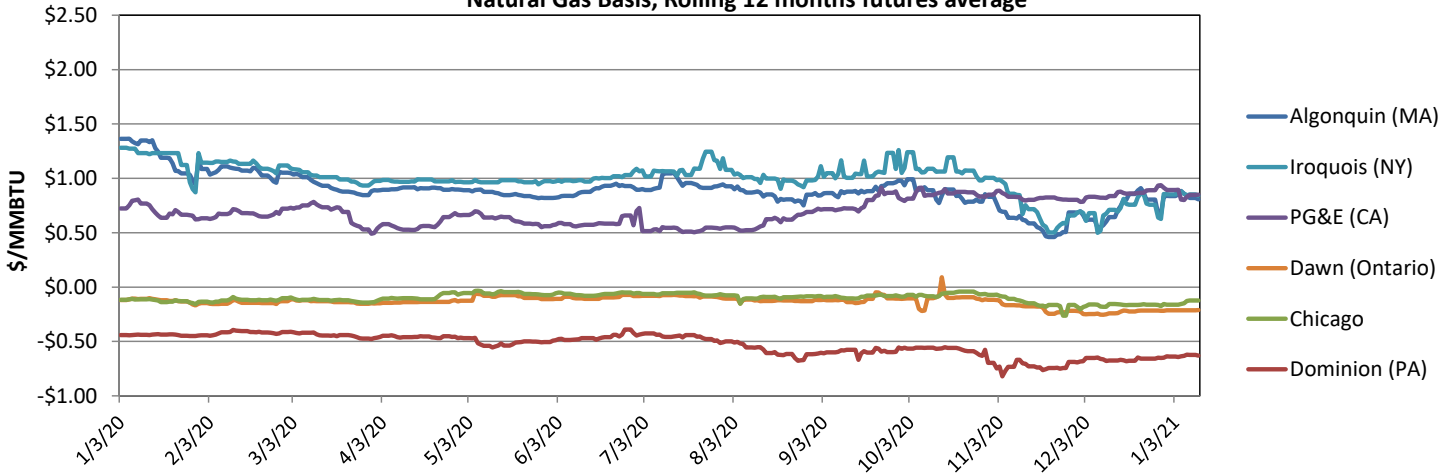
This map depicts forecasted temperatures for next week compared to the long term average. The blue/purple areas are forecast to be colder than normal, white areas are normal, and yellow/orange/red areas are warmer than normal. Abnormally hot weather in the summer and cold weather in the winter can increase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

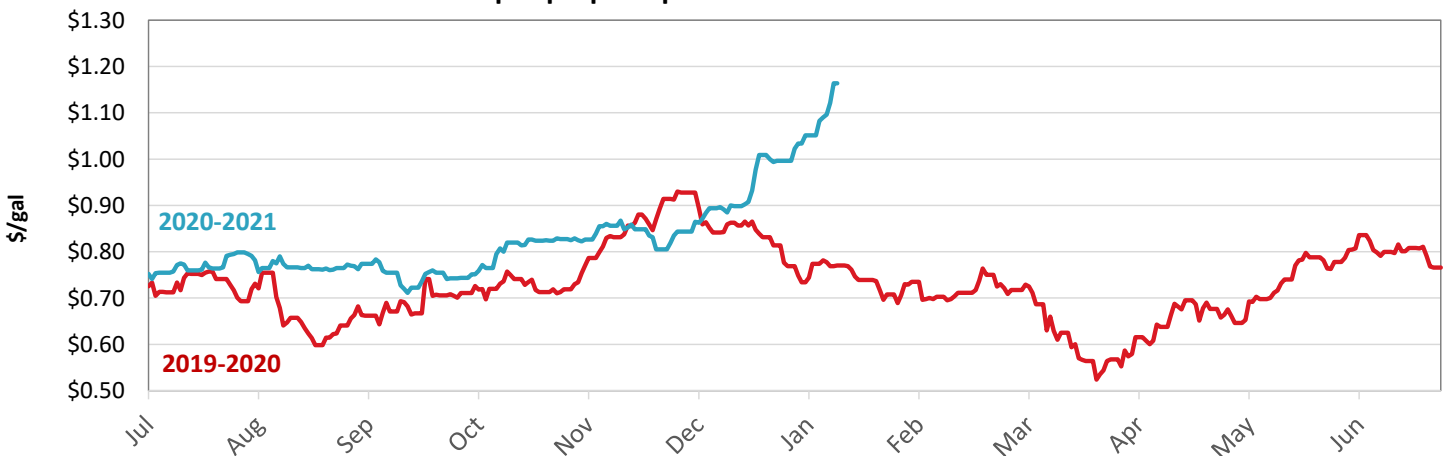
Basis is the price differential between Henry Hub, located in Erath, Louisiana, and the liquidity point closest to the end-user. Because Henry Hub is used as the delivery point for NYMEX natural gas futures contracts, the cost of using natural gas in any geographic region of the country can be approximated 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	
		1/4/21	1/5/21	1/6/21	1/7/21	1/8/21	1/9/21	1/10/21		
Power (\$/MWh)	Maine RT On Pk	29	45	32	29	30			33	
	Maine RT Off Pk	26	30	31	25	25	30	32	29	
	NH RT On Pk	29	46	33	30	31			34	
	NH RT Off Pk	27	31	32	26	27	31	32	29	
	Vermont RT On Pk	28	45	33	30	30			33	
	Vermont RT Off Pk	26	30	31	26	27	30	32	29	
	Connecticut RT On Pk	28	44	32	29	30			33	
	Connecticut RT Off Pk	26	30	31	26	26	30	31	29	
	Rhode Island RT On Pk	28	45	33	30	30			33	
	Rhode Island RT Off Pk	26	31	32	27	27	31	32	29	
	NE Mass RT On Pk	29	45	33	30	30			34	
	NE Mass RT Off Pk	27	31	32	27	27	31	33	30	
	SE Mass RT On Pk	29	45	33	30	30			34	
	SE Mass RT Off Pk	27	31	32	27	27	31	33	30	
	WC Mass RT On Pk	29	45	33	30	30			34	
	WC Mass RT Off Pk	27	31	32	26	27	31	32	29	
			New York ISO Real Time Power Pricing By Zone (\$/MWh)							Avg
Power (\$/MWh)	Capital RT On Pk	26	33	33	30	29			30	
	Capital RT Off Pk	25	23	31	25	27	34	32	28	
	Central RT On Pk	24	32	31	30	28			29	
	Central RT Off Pk	18	19	21	23	25	26	25	23	
	Hudson RT On Pk	26	34	34	30	30			31	
	Hudson RT Off Pk	23	22	29	25	27	32	30	27	
	Mohawk RT On Pk	25	32	32	30	28			29	
	Mohawk RT Off Pk	19	19	22	24	26	26	26	23	
	Milwood RT On Pk	26	34	34	31	30			31	
	Milwood RT Off Pk	23	22	29	25	27	33	30	27	
	NYC RT On Pk	27	34	35	31	30			31	
	NYC RT Off Pk	23	22	29	25	27	33	31	27	
			PJM Real Time Power Pricing By Zone (\$/MWh)							Avg
	Power (\$/MWh)	Eastern Hub On Pk	20	20	19	23	29			22
		Eastern Hub Off Pk	18	15	17	19	21	21	19	19
		Western Hub On Pk	29	34	22	24	28			27
		Western Hub Off Pk	23	20	19	20	21	22	24	21
PPL Zone On Pk		20	19	18	22	27			21	
PPL Zone Off Pk		17	14	16	19	20	22	18	18	
AEP RT On Pk		38	43	24	25	29			32	
AEP RT Off Pk		25	23	21	22	22	25	25	23	
Chicago RT On Pk		36	41	23	25	28			31	
Chicago RT Off Pk		25	22	20	21	21	24	24	23	
New Jersey Hub On Pk		22	27	21	23	28			24	
New Jersey Hub Off Pk		25	19	20	19	20	23	25	22	
		California ISO Real Time Power Pricing (\$/MWh)							Avg	
Natural Gas \$/MMBtu		SoCal Edison RT On Pk	28	26	32	34	28			30
		SoCal Edison RT Off Pk	29	26	32	30	31	28	29	29
			1/4/21	1/5/21	1/6/21	1/7/21	1/8/21	1/9/21	1/10/21	Avg
		Henry Hub, LA	2.56	2.71	2.71	2.76	2.76			2.70
	TZ6, MA	3.75	3.74	2.93	3.52	3.33			3.45	
	Algonquin, MA	3.39	3.30	3.30	3.36	3.85			3.44	
	Chicago Hub, IL	2.47	2.58	2.58	2.64	2.60			2.57	
	New York, NY	2.56	2.64	2.42	2.67	2.74			2.61	
	Dominion South, PA	2.28	2.33	2.32	2.43	2.31			2.33	
	Opal Hub, WY	2.62	2.64	2.70	3.15	2.70			2.76	
PG&E Citygate, CA	3.11	3.04	3.10	3.56	3.54			3.27		