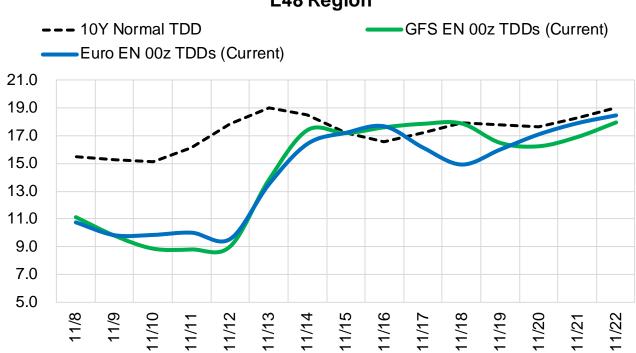


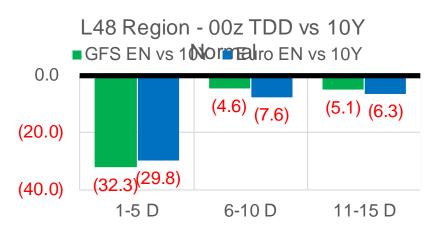


### Short-term Weather Model Outlooks (00z)



### L48 Region

## Vs. 10Y Normal



Source: WSI, Bloomberg

# **Market Report**

### 8 November 2021

#### **Daily Balances**

	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	7-Nov	8-Nov	DoD	vs.7D
Lower 48 Dry Production	95.6	94.9	95.4	95.1	96.6	95.6	95.9	<b>0.3</b>	<b>0.4</b>
Canadian Imports	5.5	5.6	5.5	5.3	5.5	5.6	5.5	<b>T-0.1</b>	▼ 0.0
L48 Power	31.4	32.5	32.3	29.2	26.4	25.7	26.5	<b>A</b> 0.7	▼ -3.1
L48 Residential & Commercial	28.1	30.6	31.1	29.7	27.2	23.5	24.1	<b>a</b> 0.6	▼ -4.2
L48 Industrial	29.3	28.5	26.4	23.8	21.2	22.0	21.6	▼-0.4	▼ -3.6
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.2	5.3	5.2	5.2	▼ 0.0	▼ 0.0
L48 Pipeline Distribution	3.2	3.4	3.4	3.1	2.9	0.0	4.0	<b>4</b> .0	<b>1.3</b>
L48 Regional Gas Consumption	97.2	100.2	98.4	91.0	83.0	76.5	81.4	<b>4.9</b>	<b>-9.6</b>
Net LNG Delivered	11.25	10.03	10.68	10.14	11.38	11.62	11.32	<b>-0.3</b>	<b>0.5</b>
Total Mexican Exports	6.1	6.4	6.3	6.1	6.1	5.9	6.1	<b>0.2</b>	▼ 0.0
Implied Daily Storage Activity EIA Reported Daily Storage Activity	-13.4	-16.1	-14.5	-6.9	1.6	7.1	2.6		

Lower 48 Component Models

Daily Model Error

#### **EIA Storage Week Balances**

	1-Oct	8-Oct	15-Oct	22-Oct	29-Oct	5-Nov	WoW	vs. 4W
Lower 48 Dry Production	93.8	93.3	93.0	92.8	94.0	94.9	<b>0.9</b>	<b>1.6</b>
Canadian Imports	5.7	5.3	5.0	5.6	5.6	5.5	<b>▼ -0.1</b>	<b>0.1</b>
L48 Power	30.3	32.9	31.7	29.0	29.1	29.5	<b>0</b> .4	▼-1.2
L48 Residential & Commercial	8.4	8.2	9.5	13.8	17.8	24.4	<b>6</b> .6	<b>1</b> 2.1
L48 Industrial	20.7	22.2	19.7	18.5	20.1	21.8	<b>1.7</b>	<b>1.7</b>
L48 Lease and Plant Fuel	5.1	5.1	5.1	5.1	5.1	5.2	▲ 0.0	<b>a</b> 0.1
L48 Pipeline Distribution	2.1	2.2	2.2	2.3	2.5	2.9	<b>0</b> .4	<b>a</b> 0.6
L48 Regional Gas Consumption	66.7	70.5	68.2	68.7	74.6	83.8	<b>9.1</b>	<b>13.2</b>
Net LNG Exports	10.3	9.9	10.7	10.8	10.8	10.9	<b>0.1</b>	<b>0.3</b>
Total Mexican Exports	6.7	6.6	6.6	6.6	6.9	6.1	▼ -0.7	<b>T</b> -0.5
Implied Daily Storage Activity EIA Reported Daily Storage Activity	15.9 16.9	11.7 11.6	12.4 13.1	12.3 12.4	7.3 9.0	-0.3	-7.6	
Daily Model Error	-1.0	0.1	-0.7	-0.1	-1.7			

#### **Monthly Balances**

2Yr Ago	LY					MTD		
Nov-19	Nov-20	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	МоМ	vs. LY
96.2	91.1	93.6	94.1	93.0	93.4	95.3	<b>1.8</b>	<b>4.2</b>
4.5	4.6	5.2	5.1	5.1	5.4	5.5	<b>0.1</b>	<b>0.9</b>
27.5	25.7	39.4	40.1	33.1	30.3	29.2	<b>T</b> -1.1	▲ 3.5
32.8	24.4	8.1	7.8	7.7	12.9	30.4	<b>1</b> 7.5	<b>6</b> .0
24.9	22.4	21.2	21.7	20.8	17.9	25.6	<b>A</b> 7.7	<b>A</b> 3.1
5.2	5.0	5.1	5.1	5.1	5.1	5.2	<b>A</b> 0.1	<b>0.2</b>
3.0	2.7	2.5	2.6	2.2	2.3	2.9	<b>0.5</b>	<b>0.2</b>
93.5	80.2	76.3	77.3	68.9	68.6	93.2	<b>24.7</b>	<b>13.0</b>
7.2	10.1	10.8	10.5	10.3	10.6	10.9	<b>0.3</b>	<b>0.8</b>
5.2	6.1	7.1	6.9	6.7	6.6	6.0	▼ -0.6	<b>T-0.1</b>
-5.1	-0.7	4.6	4.5	12.1	13.1	-9.4		
	Nov-19 96.2 4.5 27.5 32.8 24.9 5.2 3.0 93.5 7.2 5.2 5.2	Nov-19 Nov-20   96.2 91.1   4.5 4.6   27.5 25.7   32.8 24.4   24.9 22.4   5.2 5.0   3.0 2.7   93.5 80.2   7.2 10.1   5.2 6.1	Nov-19 Nov-20 Jul-21   96.2 91.1 93.6   4.5 4.6 5.2   27.5 25.7 39.4   32.8 24.4 8.1   24.9 22.4 21.2   5.2 5.0 5.1   3.0 2.7 2.5   93.5 80.2 76.3   7.2 10.1 10.8   5.2 6.1 7.1	Nov-19 Nov-20 Jul-21 Aug-21   96.2 91.1 93.6 94.1   4.5 4.6 5.2 5.1   27.5 25.7 39.4 40.1   32.8 24.4 8.1 7.8   24.9 22.4 21.2 21.7   5.2 5.0 5.1 5.1   3.0 2.7 2.5 2.6   93.5 80.2 76.3 77.3   7.2 10.1 10.8 10.5   5.2 6.1 7.1 6.9	Nov-19 Nov-20 Jul-21 Aug-21 Sep-21   96.2 91.1 93.6 94.1 93.0   4.5 4.6 5.2 5.1 5.1   27.5 25.7 39.4 40.1 33.1   32.8 24.4 8.1 7.8 7.7   24.9 22.4 21.2 21.7 20.8   5.2 5.0 5.1 5.1 5.1   3.0 2.7 2.5 2.6 2.2   93.5 80.2 76.3 77.3 68.9   7.2 10.1 10.8 10.5 10.3   5.2 6.1 7.1 6.9 6.7	Nov-19 Nov-20 Jul-21 Aug-21 Sep-21 Oct-21   96.2 91.1 93.6 94.1 93.0 93.4   4.5 4.6 5.2 5.1 5.1 5.4   27.5 25.7 39.4 40.1 33.1 30.3   32.8 24.4 8.1 7.8 7.7 12.9   24.9 22.4 21.2 21.7 20.8 17.9   5.2 5.0 5.1 5.1 5.1 5.1   3.0 2.7 2.5 2.6 2.2 2.3   93.5 80.2 76.3 77.3 68.9 68.6   7.2 10.1 10.8 10.5 10.3 10.6   5.2 6.1 7.1 6.9 6.7 6.6	Nov-19 Nov-20 Jul-21 Aug-21 Sep-21 Oct-21 Nov-21   96.2 91.1 93.6 94.1 93.0 93.4 95.3   4.5 4.6 5.2 5.1 5.1 5.4 5.5   27.5 25.7 39.4 40.1 33.1 30.3 29.2   32.8 24.4 8.1 7.8 7.7 12.9 30.4   24.9 22.4 21.2 21.7 20.8 17.9 25.6   5.2 5.0 5.1 5.1 5.1 5.2 3.0   3.0 2.7 2.5 2.6 2.2 2.3 2.9   3.0 2.7 2.5 2.6 2.2 2.3 2.9   93.5 80.2 76.3 77.3 68.9 68.6 93.2   7.2 10.1 10.8 10.5 10.3 10.6 10.9   5.2 6.1 7.1 6.9 6.7 6.6 6.0	Nov-19 Nov-20 Jul-21 Aug-21 Sep-21 Oct-21 Nov-21 MoM   96.2 91.1 93.6 94.1 93.0 93.4 95.3 ▲ 1.8   4.5 4.6 5.2 5.1 5.1 5.4 5.5 ▲ 0.1   27.5 25.7 39.4 40.1 33.1 30.3 29.2 ▼-1.1   32.8 24.4 8.1 7.8 7.7 12.9 30.4 ▲17.5   24.9 22.4 21.2 21.7 20.8 17.9 25.6 ▲ 7.7   5.2 5.0 5.1 5.1 5.1 5.2 ▲ 0.1   3.0 2.7 2.5 2.6 2.2 2.3 2.9 ▲ 0.5   93.5 80.2 76.3 77.3 68.9 68.6 93.2 ▲24.7   7.2 10.1 10.8 10.5 10.3 10.6 10.9 ▲ 0.3   5.2 6.1 7.1 6.9 6.7

Source: Bloomberg, analytix.ai

# **Daily** Average Generation Data

#### Nuclear Generation Daily Average - GWh (NRC)

ENERGY

	31-Oct	1-Nov	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	DoD	vs. 7D
NRC Nuclear Daily Output	71.1	71.6	72.1	73.4	74.9	76.0	76.0	0.0	2.8
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
NRC Nuclear Outage	33.8	33.3	32.8	31.5	29.9	28.9	28.9	0.0	-2.8
NRC % Nuclear Cap Utilization	72.3	72.8	73.3	74.6	76.2	77.3	77.3	0.0	2.8

#### Wind Generation Daily Average - MWh (EIA)

	31-Oct	1-Nov	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	DoD	vs.7D
CALI Wind	2725	2224	1586	362	2356	893	2071	1178	380
TEXAS Wind	12278	6448	7823	7268	4582	7879	9903	2024	2190
US Wind	39804	32678	24572	17608	27034	41243	46358	5115	15868

#### Generation Daily Average - MWh (EIA)

	31-Oct	1-Nov	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	DoD	vs.7D
US Wind	39804	32678	24572	17608	27034	41243	46358	5115	15868
US Solar	10479	8937	8400	8966	8478	9436	10056	620	940
US Petroleum	2737	3517	3943	4211	3793	3573	2434	-1139	-1195
US Other	7935	8675	9463	9998	10656	10142	8556	-1585	-922
US Coal	61219	80478	85342	89168	87398	83039	76907	-6132	-4201
US Nuke	72842	75126	75975	77899	79304	80587	81804	1217	4848
US Hydro	23102	27430	27766	27328	26709	25852	22592	-3260	-3772
US Gas	122485	162142	174879	183421	180948	168719	148200	-20519	-17232

## See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

# Storage Week Average Generation Data

### Nuclear Generation Weekly Average - GWh (NRC)

	1-Oct	8-Oct	15-Oct	22-Oct	29-Oct	5-Nov	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	85.1	82.1	76.5	73.6	71.6	72.2	0.6	-0.1
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	19.8	22.7	28.3	31.2	33.3	32.7	-0.6	
NRC % Nuclear Cap Utilization	0.1	0.1	0.1	0.1	0.1	0.1	0.0	

### Wind Generation Weekly Average - MWh (EIA)

	1-Oct	8-Oct	15-Oct	22-Oct	29-Oct	5-Nov	WoW	WoW Bcf/d Impact
CALI Wind	2467	1099	2400	1270	2314	1669	-645	0.1
TEXAS Wind	10364	4890	15396	10729	15462	8472	-6990	1.3
US Wind	43478	20468	49922	43721	49870	32100	-17770	3.2
					6148.4			
					14%			

### Generation Weekly Average - MWh (EIA)

								WoW
	1-Oct	8-Oct	15-Oct	22-Oct	29-Oct	5-Nov	WoW	Bcf/d
								Impact
US Wind	43478	20468	49922	43721	49870	32100	-17770	3.2
US Solar	12957	11295	10530	12209	10138	9657	-481	0.1
US Petroleum	2712	3901	3224	3092	2815	3517	702	-0.1
US Other	8709	10972	12221	12109	10196	9166	-1029	0.2
US Coal	94792	100713	89841	74011	73355	77386	4030	-0.7
US Nuke	88402	83696	77046	73748	73713	75510	1797	-0.3
US Hydro	25370	24552	24701	23105	23540	25526	1985	-0.4
US Gas	153813	176848	162707	150057	152802	158435	5634	-1.0

## See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are not necessarily indicative of future results. This communication may contain links to third party websites which are not under the control of and are not maintained by ION Energy Group, and ION Energy Group is not responsible for their content.

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# Monthly Average Generation Data

#### Nuclear Generation Monthly Average - GWh (NRC)

	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Aug-21	Sep-21	Oct-21	Nov-21	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
NRC Nuclear Daily Output	79.8	75.8	91.5	87.2	75.5	74.5	73.6	-1.0	-2.2
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
NRC Nuclear Outage	25.1	29.1	13.4	17.7	29.4	30.4	31.3	1.0	2.2
NRC % Nuclear Cap Utilization	81.1	77.0	93.0	88.7	76.8	75.8	74.8	-1.0	-2.3

#### Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Aug-21	Sep-21	Oct-21	Nov-21	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
CALI Wind	937	1324	2442	2020	1765	1704	1817	-62	493
TEXAS Wind	8786	10386	9901	9400	11565	7964	11784	-3602	1398
US Wind	35482	42512	35830	40222	40989	35276	43733	-5713	1221

#### Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Aug-21	Sep-21	Oct-21	Nov-21	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
US Wind	35482	42512	35830	40222	40989	35276	43733	<b>A</b> 8456.8	<b>1221</b>
US Solar	6848	7796	13787	13379	11033	9298	10605	<b>1</b> 306.8	<b>2809</b>
US Petroleum	3218	2448	4484	2452	3238	3292	3117	<b>T</b> -176	<b>669</b>
US Other	8334	8657	9928	9008	11092	9325	10580	<b>1255</b>	<b>1924</b>
US Coal	87509	84646	137655	110037	82734	82018	77794	▼ -4224	▼ -6852
US Nuke	86189	79244	94062	90146	76700	79288	75678	▼ -3610	▼ -3565
US Hydro	24602	26168	28532	25661	23895	25358	24044	🔽 -1314	<b>v</b> -2124
US Gas	149554	149657	210824	173536	158212	164339	155252	<b>1695</b>	<b>5595</b>
US Total	402245	401276	534937	464627	410640	409003	403873	▼ -5066	<b>2597</b>



### See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

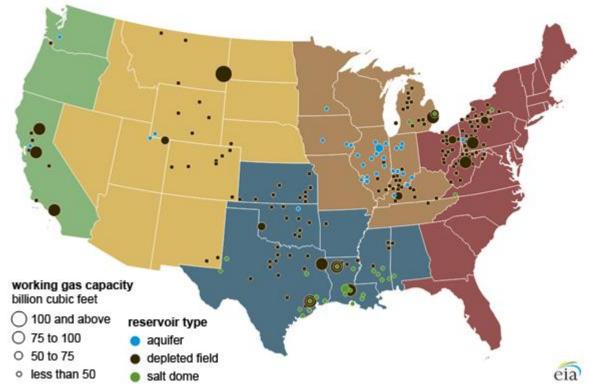


### Regional S/D Models Storage Projection

Week Ending	5-Nov			
			Daily	
		Daily	Average Storage	Weekly Adjusted
	Daily Raw Storage	Adjustment Factor	Activity (Adjusted) *	Storage Activity
L48	0.7	0.7	1.3	9
East	-0.3	-0.1	-0.4	-3
Midwest	-0.5	0.6	-0.4	-0
Mountain	3.1	-3.2	-0.1	-1
South Central	-1.8	3.7	1.9	13
Pacific	0.5	-0.3	0.1	1

\*Adjustment Factor is calcuated based on historical regional deltas

### U.S. underground natural gas storage facilities by type (July 2015)



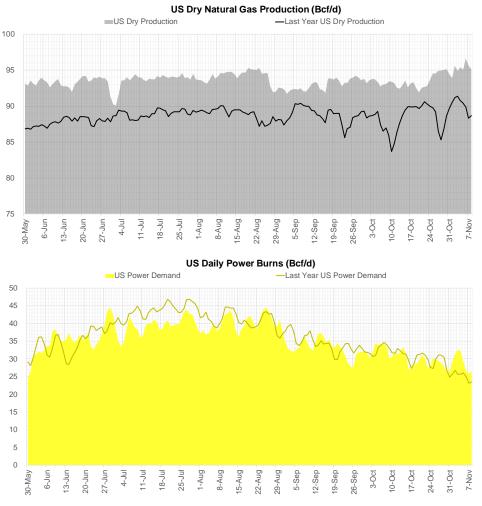
### Weather Model Storage Projection

Next report and beyond		
Week Ending	GWDDs	Week Storage Projection
05-Nov	13.2	9
12-Nov	11	40
19-Nov	15	4
26-Nov	18	-34

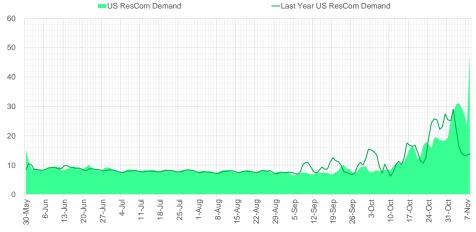
Weather Storage Model - Next 4 Week Forecast





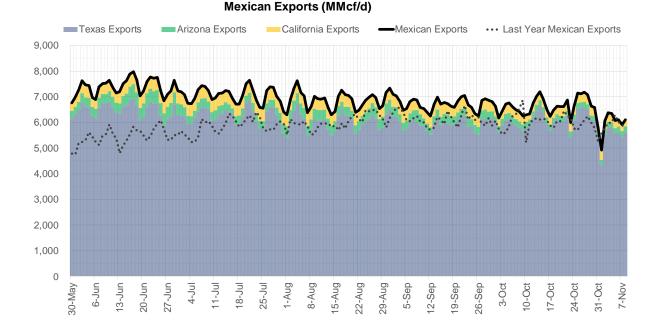


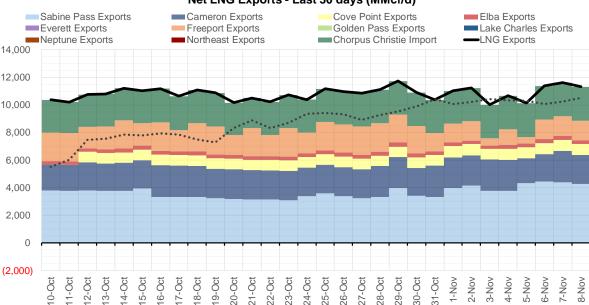
US Daily ResCom Consumption(Bcf/d)



Source: Bloomberg







Net LNG Exports - Last 30 days (MMcf/d)

Source: Bloomberg

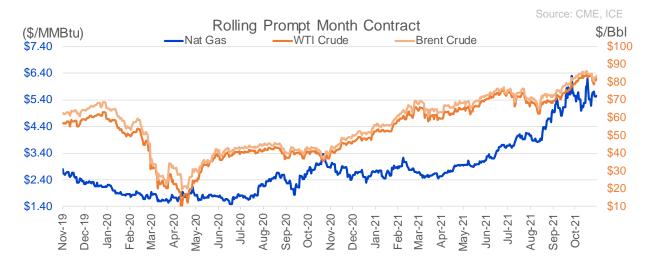


### Nat Gas Options Volume and Open Interest CME, ICE and Nasdaq Combined

CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
		-							
12	2021	С	6.00	5303	12	2021 2021	P P	2.75	54603
1	2022	С	6.00	5264	12 12		P	4.00 3.00	47422 40230
12	2021	P	4.75	5017	12	2021 2021	P	3.00 2.50	40230 39420
12	2021	С	7.00	4575	12	2021	P	2.50 3.50	34541
1	2022	С	6.10	4255	3	2021	F C	10.00	32701
12	2021	С	7.50	3788	3	2022	c	8.00	26183
12	2021	P	4.25	3476	12	2022	P	4.25	24175
12	2021	С	6.10	3106	12	2021	P	5.00	23460
12	2021	С	10.00	2706	1	2022	P	3.00	23136
1 12	2022	C P	7.00 5.00	2706 2569	3	2022	c	5.00	23040
12	2021				1	2022	P	2.75	22915
	2021	C P	6.50	2468	1	2022	C	6.00	22881
12 12	2021	P	4.50	2411	12	2021	c	4.00	22526
	2021	P C	4.00	2310	12	2021	c	7.00	21510
1	2022	C	6.25	2028	3	2022	P	3.00	21001
3 2	2022		20.00	2028 2012	12	2021	С	6.00	20995
2 3	2022	C C	8.00		4	2022	C	3.00	19710
3 12	2022 2021	C	10.00	1858	12	2021	C	8.00	19697
12	2021	c	6.25 7.25	1848 1763	1	2022	С	7.00	18973
2	2021	c	10.00	1649	3	2022	Р	2.50	18788
2 3	2022 2022	c			3	2022	Р	3.50	18455
		C	8.00	1615	1	2022	Р	4.00	18401
1	2022	C	6.50	1273	1	2022	С	5.00	18057
	2022	c	15.00	1230	1	2022	Р	3.50	17947
1 2	2022 2022	c	7.50 5.75	1213 1200	3	2022	Р	4.00	17610
2		c			2	2022	С	5.00	16863
2	2022 2022		5.85	1200	12	2021	Р	2.00	16834
12	2022 2021	C C	8.50 8.50	1198	12	2021	Р	4.50	16433
12	2021	c	15.00	1175 1092	12	2022	С	5.00	15782
3	2021	c	6.00	1092	2	2022	Р	3.50	15652
3 1	2022	c	6.00 6.75	1003	3	2022	С	4.00	15631
2	2022	c	8.50	1003	4	2022	Р	2.50	15514
2 3	2022	c	8.50 8.50	1000	4	2022	С	5.00	14946
12	2022	c	5.75	975	1	2022	С	8.00	14588
12	2021	P	5.50	896	2	2022	Р	4.00	14532
1	2021	C	11.00	794	1	2022	С	4.00	14408
2	2022	c	20.00	788	3	2022	С	7.00	14168
12	2022	c	5.00	750	5	2022	С	3.00	13733
12	2022	c	6.00	750	12	2021	С	15.00	13469
1	2022	c	9.00	734	6	2022	С	3.00	13438
12	2022	P	5.25	732	1	2022	С	10.00	13373
2	2021	F C	5.25 11.00	703	12	2022	C P	4.50	13367
2	2022	P	3.25	703	1	2022		3.25	13279
2 3	2022	F C	3.25 11.00	700	12	2022	C C	5.25	13263
3	2022	P	5.00	700	7	2022		3.00	13230
2	2022	P C	5.00 6.00	700 673	8 9	2022 2022	C C	3.00 3.00	13226
5	2022	P	3.50	600	3	2022	c	3.00	13225 13177
12	2022	P	3.50 4.60	570	3	2022	C	3.00	13177
12	2021	·	4.00	510	2	2022	Source	CME, ICE	13173.75

### Nat Gas Futures Open Interest CME, and ICE Combined

Civil, and ICE Combined							
CME Henry Hub Futures (10,000 MMBtu) ICE Henry Hub Futures Contract Equivalent (10,000 M							
	Current	Prior	Daily Change		Current	Prior	Daily Change
DEC 21	132043	140034	-7991	DEC 21	91287	90764	523
JAN 22	224149	214953	9196	JAN 22	85649	85366	284
FEB 22	75110	75862	-752	FEB 22	70023	69631	392
MAR 22	163148	163798	-650	MAR 22	80188	78797	1392
APR 22	117109	116121	988	APR 22	78251	78123	128
MAY 22	129055	126447	2608	MAY 22	71567	71766	-199
JUN 22	44714	44996	-282	JUN 22	55599	55806	-206
JUL 22	38765	38625	140	JUL 22	57909	58183	-273
AUG 22	31763	31122	641	AUG 22	56545	56838	-293
SEP 22	35675	35441	234	SEP 22	57326	57383	-58
OCT 22	86104	86704	-600	OCT 22	62751	62889	-138
NOV 22	35180	34778	402	NOV 22	49202	49455	-253
DEC 22	28088	28130	-42	DEC 22	51960	52238	-278
JAN 23	31660	31138	522	JAN 23	40374	40250	124
FEB 23	11358	11290	68	FEB 23	33389	33372	16
MAR 23	19519	19006	513	MAR 23	36250	36111	140
APR 23	15851	15921	-70	APR 23	37109	36488	621
MAY 23	9828	9619	209	MAY 23	35616	35605	11
JUN 23	7594	7676	-82	JUN 23	31725	31744	-19
JUL 23	5598	5415	183	JUL 23	31795	31830	-36
AUG 23	4235	4230	5	AUG 23	32766	32801	-36
SEP 23	5610	5599	11	SEP 23	30845	30887	-42
OCT 23	10342	10328	14	OCT 23	34606	34618	-12
NOV 23	4483	4361	122	NOV 23	34047	33172	875
DEC 23	8080	7706	374	DEC 23	30822	30745	77
JAN 24	4763	4760	3	JAN 24	19480	19291	189
FEB 24	1442	1442	0	FEB 24	14969	14777	193
MAR 24	8905	8916	-11	MAR 24	19767	19650	117
APR 24	5607	5607	0	APR 24	14174	13894	280
MAY 24	1832	1831	1	MAY 24	14813	14541	272



vs. 4 Weeks Ago

vs. Last Year

Last Year

-\$0.049

\$2.888

\$2.628

-\$0.084

\$3.031

\$2.595

-\$0.312

\$3.005

\$2.489

-\$0.540

\$2.933

\$2.228

-\$1.268

\$2.807

\$1.295

\$0.000

\$2.793

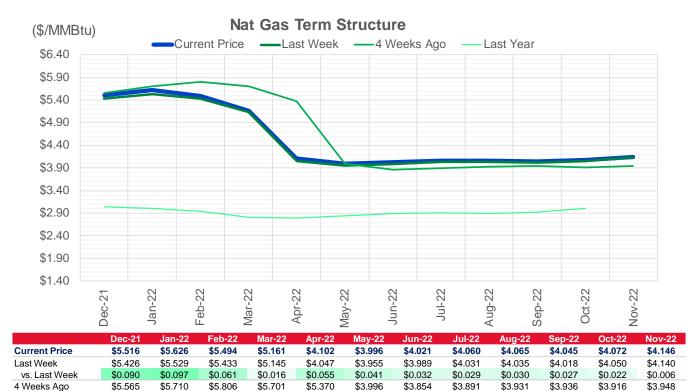
\$1.203

\$0.167

\$2.834

\$1.187

## **Market Report**



		Cash	Prompt	Cash to
	Units	Settled	Settle	Prompt
AGT Citygate	\$/MMBtu	5.19	13.83	8.64
TETCO M3	\$/MMBtu	4.80	7.29	2.49
FGT Zone 3	\$/MMBtu	4.91	5.72	0.81
Zone 6 NY	\$/MMBtu	4.91	7.52	2.61
Chicago Citygate	\$/MMBtu	5.10	5.89	0.79
Michcon	\$/MMBtu	5.16	5.33	0.17
Columbia TCO Pool	\$/MMBtu	4.86	5.07	0.21
Ventura	\$/MMBtu	5.18	6.21	1.03
Rockies/Opal	\$/MMBtu	5.45	5.70	0.25
El Paso Permian Basin	\$/MMBtu	4.90	5.71	0.81
Socal Citygate	\$/MMBtu	6.37	7.53	1.16
Malin	\$/MMBtu	5.57	6.51	0.94
Houston Ship Channel	\$/MMBtu	5.13	5.77	0.64
Henry Hub Cash	\$/MMBtu	5.71	5.44	-0.26
AECO Cash	C\$/GJ	4.04	4.61	0.57
Station2 Cash	C\$/GJ	4.14	7.05	2.91
Dawn Cash	C\$/GJ	5.16	5.55	0.39

Source: CME, Bloomberg

\$0.134

\$2.900

\$1.165

\$0.169

\$2.885

\$1.175

\$0.156

\$2.928

\$1.144

\$0.109

\$2.889

\$1.156

\$0.198

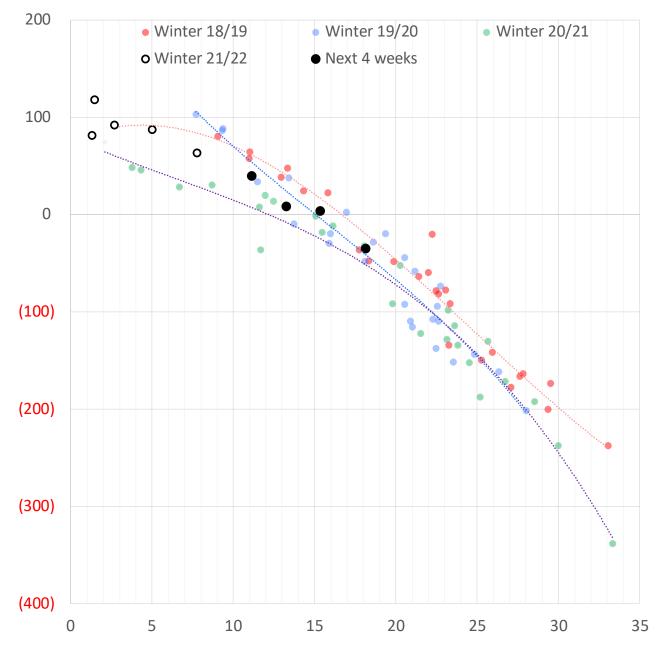
\$3.008

\$1.138



					VS	s. 4 Weeks		
	Units	<b>Current Price</b>	vs.	Last Week		Ago	vs	. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224		0.000		0.000		2.181
NatGas Oct21/Nov21	\$/MMBtu	0.361		0.000		0.637		0.281
NatGas Oct21/Jan22	\$/MMBtu	-0.215		0.097		-0.180	▼	-0.544
NatGas Apr22/Oct22	\$/MMBtu	-0.030		-0.033		0.018	▼	-0.064
WTI Crude	\$/Bbl	81.27		-2.300		1.920		44.130
Brent Crude	\$/Bbl	82.74		-1.640		0.350		43.290
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18		0.000		0.000		0.000
Heating Oil	cents/Gallon	245.56		-4.080		-1.810		131.300
Propane, Mt. Bel	cents/Gallon	1.38		-0.071		-0.088		0.821
Ethane, Mt. Bel	cents/Gallon	0.43		-0.007	▼	-0.010		0.208
Coal, PRB	\$/MTon	12.30		0.000		0.000		0.000
Coal, PRB	\$/MMBtu	0.70						
Coal, ILB	\$/MTon	31.05		0.000		0.000		0.000
Coal, ILB	\$/MMBtu	1.32						

### Weather Storage Model - Next 4 Week Forecast



# **Market Report**

ENERGY

### 8 November 2021

