

Market Report

6 December 2022

	Cı	urrent	Δ from YD	Δ from 7D Avg		
Nat Gas Prompt	\$	5.50	\$ (0.08)	* \$ (0.98)		

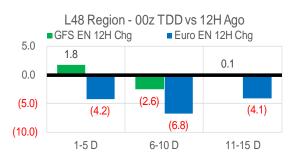
	С	urrent	Δ from YD	Δ from 7D Avg		
WTI Prompt	\$	75.92	\$ (1.01)	~ \$	(3.6)	

	_	urront	Δ from YD	Δ from 7D			
	Current		A	vg			
Brent	Ф	01 61	\$ (1.07)	2	(2.4)		
Prompt	Φ	01.01	Φ Φ (1.07)	• Φ	(3.4)		

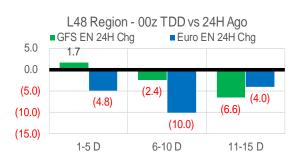
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Price Summary

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	100.3	- 0.99	- 0.75

	Current	Δ from YD	Δ from 7D Avg
US ResComm	30.3	▼ -4.65	▼ -5.58

	Current	Δ from YD	Δ from 7D Avg		
Net LNG Exports	11.5	▼ -0.19	▼ -0.54		

	Current	Δ from YD	Δ from 7D Avg		
US Power Burns	30.9	▼ -0.22	1.07		

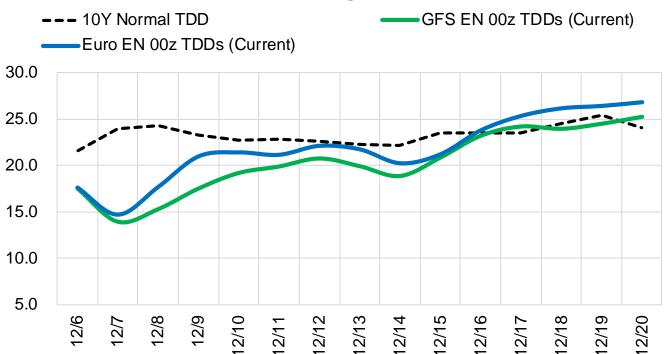
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	4.6	▼ -1.12	- 0.96

	Current	Δ from YD	Δ from 7D Avg		
Mexican Exports	5.5	▼ -0.85	▼ -0.83		



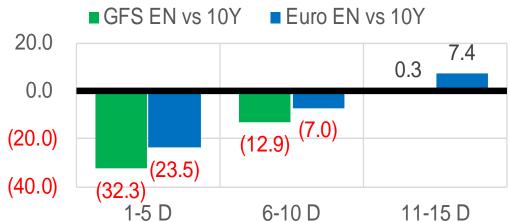
Short-term Weather Model Outlooks (00z)





Vs. 10Y Normal

L48 Region - 00z TDD vs 10Y Normal



Source: WSI, Bloomberg



Market Report

Lower 48 Component Models

Daily Balances

	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	DoD	vs. 7D
Lower 48 Dry Production	100.9	101.2	100.9	101.1	100.8	101.3	100.3	▼ -1.0	▼ -0.7
Canadian Imports	5.6	5.5	5.4	5.5	5.7	5.7	4.6	▼ -1.1	▼ -1.0
L48 Power	30.7	30.8	29.0	29.3	29.4	31.1	30.9	▼ -0.2	a 0.8
L48 Residential & Commercial	37.0	42.5	33.8	33.4	38.5	35.0	30.3	-4.6	-6.4
L48 Industrial	22.3	22.7	21.3	21.1	21.3	20.9	20.6	▼ -0.4	▼ -1.0
L48 Lease and Plant Fuel	5.6	5.6	5.6	5.6	5.6	5.6	5.5	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	3.9	4.2	3.6	3.6	3.9	3.8	3.5	▼ -0.3	▼ -0.3
L48 Regional Gas Consumption	99.5	105.8	93.2	93.0	98.7	96.4	90.8	▼ -5.6	▼ -7.0
Net LNG Delivered	12.26	12.98	12.15	11.99	11.88	11.65	11.46	▼ -0.2	▼ -0.7
Total Mexican Exports	6.4	6.3	6.4	6.3	6.2	6.3	5.5	▼ -0.9	▼ -0.8
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	-11.6	-18.5	-5.5	-4.7	-10.2	-7.4	-2.9		

EIA Storage Week Balances								
_	LY				LW	Current		
	3-Dec	4-Nov	11-Nov	18-Nov	25-Nov	2-Dec	WoW	vs. LY
Lower 48 Dry Production	97.2	100.4	99.8	100.6	100.9	101.2	0.3	4.0
Canadian Imports	5.6	4.9	4.2	6.6	6.1	5.3	▼ -0.8	▼-0.3
L48 Power	29.3	29.5	28.9	31.7	30.2	27.6	▼ -2.5	-1.7
L48 Residential & Commercial	32.4	17.1	17.3	35.0	38.0	32.3	▼ -5.7	-0.1
L48 Industrial	22.7	21.4	22.9	24.7	23.3	22.1	▼ -1.2	-0.6
L48 Lease and Plant Fuel	5.4	5.6	5.6	5.6	5.6	5.6	0.0	0.2
L48 Pipeline Distribution	3.5	2.8	2.7	3.8	3.9	3.4	▼ -0.5	-0.1
L48 Regional Gas Consumption	93.3	76.4	77.3	100.9	101.0	91.1	▼-9.9	▼ -2.3
Net LNG Exports	11.8	11.9	11.5	12.1	12.0	11.8	▼ -0.1	0.0
Total Mexican Exports	6.4	6.3	6.3	6.5	6.0	6.3	0.3	▼-0.2
Implied Daily Storage Activity	-8.9	10.7	8.9	-12.2	-12.0	-2.7	9.3	6.1
EIA Reported Daily Storage Activity	-8.4	11.3	9.1	-11.4	-11.6			
Daily Model Error	-0.4	-0.6	-0.2	-0.8	-0.4			

	2Yr Ago	LY					MTD		
	Dec-20	Dec-21	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	MoM	vs. LY
Lower 48 Dry Production	91.7	97.1	97.9	99.0	100.6	100.5	101.0	0.5	4.0
Canadian Imports	5.8	4.8	5.4	5.9	5.7	5.4	5.6	0.2	8.0
L48 Power	28.3	28.6	43.8	37.3	30.2	29.6	29.9	0.4	1.3
L48 Residential & Commercial	40.3	34.5	7.8	8.7	15.9	28.7	36.6	~ 7.9	2.2
L48 Industrial	23.1	22.5	19.5	18.7	20.7	23.1	21.5	▼ -1.6	▼ -1.1
L48 Lease and Plant Fuel	5.0	5.4	5.5	5.5	5.6	5.6	5.6	0.0	0.2
L48 Pipeline Distribution	3.5	3.6	3.0	2.8	2.8	3.4	3.8	0.4	0.2
L48 Regional Gas Consumption	100.2	94.6	79.6	73.1	75.2	90.4	97.4	▲ 7.1	2.8
Net LNG Exports	11.0	12.1	11.0	11.5	11.3	11.8	12.1	0.4	▼ 0.0
Total Mexican Exports	5.8	6.2	6.9	6.7	6.6	6.3	6.3	▲ 0.0	▲ 0.1
Implied Daily Storage Activity EIA Reported Daily Storage Activity	-19.5	-11.1	5.8	13.6	13.2	-2.4	-9.2		
Daily Model Error					0.2				

Source: Bloomberg, analytix.ai



Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	28-Nov	29-Nov	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	DoD	vs. 7D
NRC Nuclear Daily Output	88.5	88.6	88.6	88.7	88.9	88.9	88.9	0.0	0.2
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	16.4	16.3	16.2	16.2	16.0	16.0	16.0	0.0	-0.2
NRC % Nuclear Cap Utilization	89.9	90.1	90.1	90.2	90.4	90.4	90.4	0.0	0.2

Wind Generation Daily Average - MWh (EIA)

	28-Nov	29-Nov	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	DoD	vs. 7D
CALI Wind	3955	1464	775	2812	1167	337	1310	974	-442
TEXAS Wind	16682	19133	10582	13548	15575	9224	6879	-2345	-7245
US Wind	63839	73803	62373	70086	77077	52163	44200	-7963	-22357

Generation Daily Average - MWh (EIA)

	28-Nov	29-Nov	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	DoD	vs. 7D
US Wind	63839	73803	62373	70086	77077	52163	44200	-7963	-22357
US Solar	9708	10421	9980	8892	8231	6628	7302	673	-1675
US Petroleum	953	436	1323	611	438	248	293	45	-375
US Other	7832	8024	7609	8176	8145	7560	7596	36	-295
US Coal	82457	80371	85759	86873	80941	77517	82501	4984	182
US Nuke	93338	93539	93008	93926	93454	92267	92348	81	-907
US Hydro	25683	26701	25726	29323	29207	24767	25911	1143	-991
US Gas	145885	149445	165216	174872	159996	151595	157496	5901	-339

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



US Nuke

US Hydro

US Gas

Storage Week Average Generation Data

Nuclear Generation Weekly Ave	erage - G	Wh (NRC	()					
	3-Dec	4-Nov	11-Nov	18-Nov	25-Nov	2-Dec	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	87.8	75.8	77.2	81.2	84.2	88.2	3.9	-0.7
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	17.1	29.1	27.7	23.7	20.7	16.7	-3.9	
NRC % Nuclear Cap Utilization	89.2	77.1	78.5	82.6	85.6	89.6	4.0	
Wind Generation Weekly Avera	ge - MWI	n (EIA)						
	3-Dec	4-Nov	11-Nov	18-Nov	25-Nov	2-Dec	WoW	WoW Bcf/d Impact
CALI Wind	362	1641	2226	1221	846	1727	880	-0.2
TEXAS Wind	8733	10904	14751	11139	9361	13500	4139	-0.8
US Wind	47210	44699	68076	46512	51484	61102	9618	-1.8
							19%	
						0.4		
Generation Weekly Average - M	Wh (EIA)						
, ,	` '				LY	Current		
								WoW
	3-Dec	4-Nov	11-Nov	18-Nov	25-Nov	2-Dec	WoW	Bcf/d
								Impact
US Wind	47210	44699	68076	46512	51484	61102	9618	-1.8
US Solar	9922	11428	10765	11598	10691	9570	-1122	0.2
US Petroleum	1052	990	1023	1067	701	703	2	0.0
US Other	8483	10014	10174	9735	9622	7967	-1656	0.3
US Coal	82130	75083	64650	87043	95175	82216	-12959	2.4

See National Wind and Nuclear daily charts

79723

21591

157761

81132

22941

152695

85727

26263

174155

89428

26012

168781

92817

26776

157396

Source: Bloomberg, analytix.ai

93075

25182

146285

3647

-830

-22496

-0.7

0.2

-4.2



Monthly Average Generation Data

Nuclear Generation Monthly A	verage -	GWh (Ni	RC)						
	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Sep-22	Oct-22	Nov-22	Dec-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
NRC Nuclear Daily Output	84.1	85.3	86.0	76.1	81.8	88.2	84.2	6.4	-1.1
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	20.7	19.5	18.9	28.8	23.1	16.7	20.7	-6.4	1.1
NRC % Nuclear Cap Utilization	85.6	86.8	87.5	77.4	83.2	89.7	85.6	6.5	-1.1

Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Sep-22	Oct-22	Nov-22	Dec-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
CALI Wind	1157	1060	1615	1239	1620	1374	1361	-245	301
TEXAS Wind	10501	12602	8014	9916	12506	9830	11357	-2676	-1245
US Wind	45058	53862	38335	43698	57282	55321	54825	-1961	964

Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Sep-22	Oct-22	Nov-22	Dec-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
US Wind	45058	53862	38335	43698	57282	55321	54825	▼ -495.7	964
US Solar	7050	9603	16163	14198	10723	7609	10041	2431.3	437
US Petroleum	886	982	852	899	895	363	767	405	▼ -214
US Other	8644	8190	10515	10517	9509	7778	9043	1265	853
US Coal	86884	79625	91192	75808	80690	82139	84127	1987	4502
US Nuke	88494	90188	88601	78132	86362	92782	88930	▼ -3852	▼ -1258
US Hydro	30474	27006	25034	19926	24815	26838	25718	▼ -1121	▼ -1288
US Gas	141790	149211	198243	162343	159483	159825	161600	620	12390
US Total	408056	418967	468053	405842	429622	432710	434877	1736	15910



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



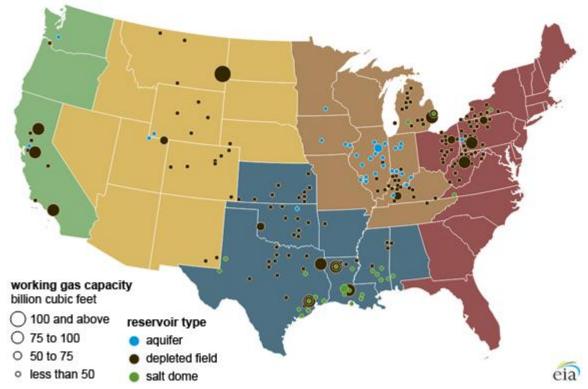
Regional S/D Models Storage Projection

Week Ending 2-Dec

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-1.6	-0.3	-1.9	-13
East	-3.3	2.1	-1.3	-9
Midwest	-2.2	0.4	-1.8	-12
Mountain	3.4	-4.1	-0.6	-4
South Central	1.1	1.4	2.5	17
Pacific	-0.6	-0.1	-0.7	- 5

^{*}Adjustment Factor is calcuated based on historical regional deltas

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

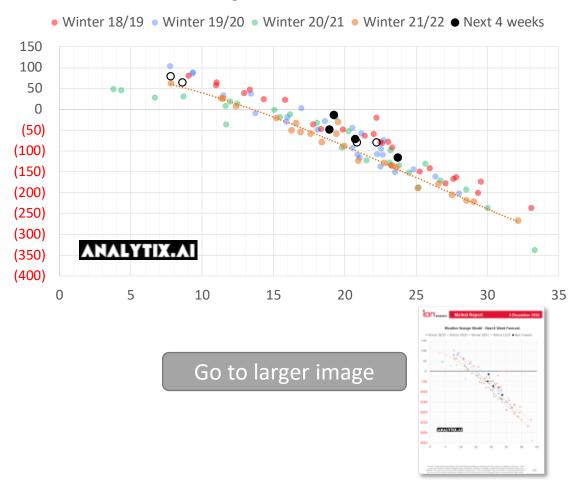




Weather Model Storage Projection

Next report and beyond		
Week Ending	GWDDs	Week Storage Projection
02-Dec	19.2	-13
09-Dec	18.9	-49
16-Dec	20.7	-71
23-Dec	23.7	-115

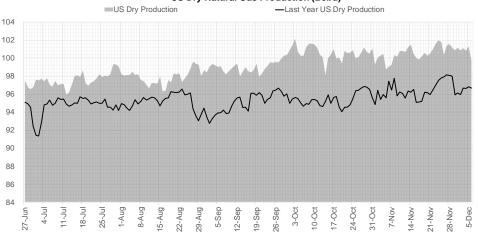
Weather Storage Model - Next 4 Week Forecast



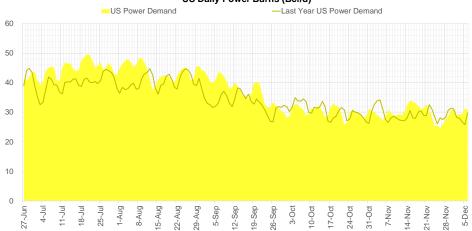


Supply - Demand Trends

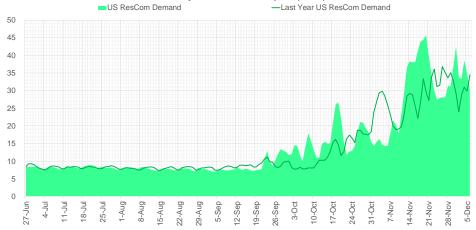
US Dry Natural Gas Production (Bcf/d)



US Daily Power Burns (Bcf/d)



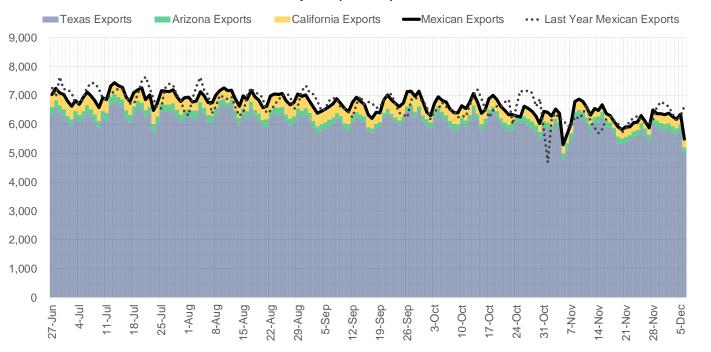
US Daily ResCom Consumption(Bcf/d)

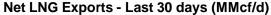


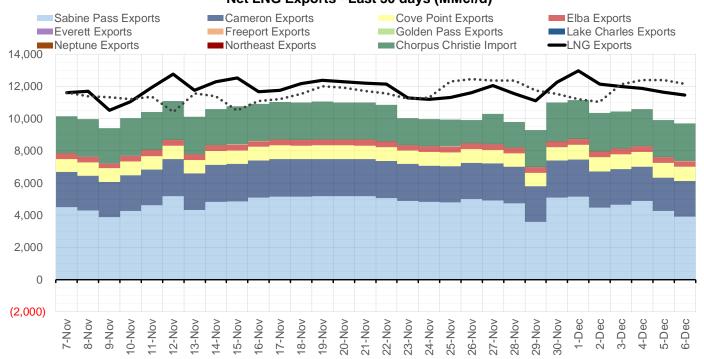
Source: Bloomberg



Mexican Exports (MMcf/d)







Source: Bloomberg



Market Report

Nat Gas Options Volume and Open Interest CME and ICE Combined

	CONTRACT	PUT/CALL	STRIKE	CUMULATIVE	C	CONTRACT	CONTRACT	PUT/CALL	STRIKE	CUMULATIVE OI
MONTH	YEAR			VOL		MONTH	YEAR			
1	2023	С	7.00	8717		10	2023	Р	3.00	33665
1	2023	Р	5.50	7456		3	2023	С	10.00	32145
1	2023	Р	4.00	5170		5	2023	Р	2.00	32004
1	2023	Р	5.00	5162		3	2023	Р	4.00	30966
1	2023	Р	4.50	5019		4	2023	Р	3.00	29231
2	2023	С	9.00	4775		1	2023	Р	5.00	25596
1	2023	С	7.50	4486		1	2023	С	10.00	25152
1	2023	Р	4.25	4304		5	2023	Р	3.00	25043
2	2023	Р	5.50	4155		4	2023	Р	2.00	24517
1	2023	С	10.00	4065		10	2023	Р	2.50	24255
1	2023	С	9.00	3674		7	2023	P	3.00	24227
1	2023	С	8.00	3419		2	2023	С	12.00	24118
2	2023	С	8.00	3186		10	2023	Р	2.00	24054
1	2023	С	6.00	3180		3	2023	Р	3.00	23986
3	2023	С	8.00	2768		1	2023	Р	4.00	23625
1	2023	С	5.00	2622		4	2023	Р	3.50	23425
2	2023	С	6.00	2153		6	2023	Р	3.00	23400
4	2023	C	5.50	2100		5	2023	С	6.00	23354
3	2023	C	10.00	2083		8	2023	Р	3.00	22205
2	2023	Č	7.50	1940		9	2023	Р	3.00	22130
1	2023	P	6.00	1908		3	2023	Р	3.50	22016
3	2023	Р	4.00	1856		1	2023	Р	4.50	20868
5	2023	Р	3.00	1851		10	2023	Р	4.00	20819
3	2023	Ċ	6.00	1770		3	2023	С	20.00	20454
4	2023	P	3.00	1701		3	2023	С	12.00	20429
2	2023	P	5.00	1688		2	2023	С	8.00	20310
2	2023	P	4.00	1673		2	2023	С	10.00	20304
1	2023	C	6.50	1653		8	2023	Р	2.00	20252
3	2023	C	11.00	1635		6	2023	Р	2.00	20229
3 1	2023	C	8.50	1561		9	2023	Р	2.00	20153
4	2023	C				3	2023	Р	5.00	20081
		C	8.00	1550		7	2023	Р	2.00	20052
2 2	2023	C	17.00	1542		4	2023	Р	4.00	20024
	2023	P	7.00	1529		2	2023	С	9.00	20003
1	2023		4.75	1453		6	2023	Р	3.50	19825
2	2023	С	10.00	1411		5	2023	Р	2.50	19781
3	2023	С	9.00	1246		5	2023	Р	3.50	19404
2	2023	С	20.00	1227		4	2023	Р	2.75	19281
3	2023	P	5.00	1225		2	2023	С	15.00	19167
2	2023	С	7.10	1202		3	2023	С	8.00	19022
5	2023	С	5.00	1181		5	2023	Р	4.00	18697
1	2023	С	15.00	1153		1	2023	Р	3.00	18671
1	2023	Р	5.25	1122		10	2023	Р	3.50	18658
1	2023	C	12.00	1121		8	2023	Р	3.50	18604
3	2023	С	7.00	1110		6	2023	Р	4.00	18476
4	2023	Р	2.00	1100		7	2023	Р	3.50	18404
2	2023	Р	4.50	1020		9	2023	Р	3.50	18404
4	2023	Р	4.00	980		1	2023	С	15.00	18174
2	2023	Р	3.25	976		9	2023	Р	4.00	18154
2	2023	С	6.50	919		6	2023	P	2.5	18131
								Source	: CME, ICE	



Nat Gas Futures Open Interest

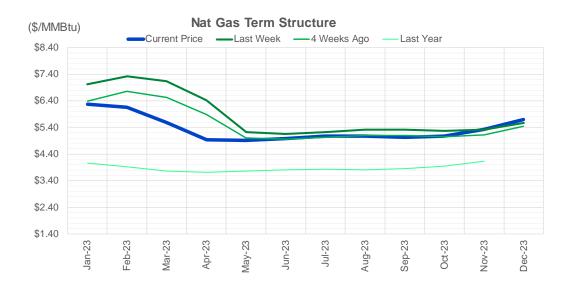
CME and ICE Combined

OME Heavy H	ula Eustama a 74		AND TOE CON		II. II. Eutomaa Oam	ton at English	-l
CME Henry H				ICE Henry I			alent (10,000 MM
	Current	Prior	Daily Change		Current	Prior	Daily Change
JAN 23	159715	160145	-430	JAN 23	77889	79491	-1601
FEB 23	68282	68242	40	FEB 23	68857	68897	-41
MAR 23	119999	119249	750	MAR 23	73664	73095	569
APR 23	105774	105277	497	APR 23	59526	60075	-550
MAY 23	97197	95785	1412	MAY 23	61374	61201	173
JUN 23	31285	29885	1400	JUN 23	52926	52389	537
JUL 23	31844	31915	-71	JUL 23	52115	51876	239
AUG 23	29941	29334	607	AUG 23	51423	50970	453
SEP 23	35398	34866	532	SEP 23	49630	49622	8
OCT 23	50124	49095	1029	OCT 23	66271	65845	426
NOV 23	20134	19916	218	NOV 23	49244	48832	412
DEC 23	30710	31168	-458	DEC 23	46571	46556	15
JAN 24	39485	38698	787	JAN 24	46680	48145	-1466
FEB 24	13738	13446	292	FEB 24	31218	31742	-524
MAR 24	26218	25837	381	MAR 24	39943	39680	263
APR 24	23691	23913	-222	APR 24	35817	36220	-403
MAY 24	11428	11420	8	MAY 24	32013	32766	-754
JUN 24	3662	3657	5	JUN 24	28069	28841	-773
JUL 24	5214	5206	8	JUL 24	27642	28397	-754
AUG 24	4533	4512	21	AUG 24	26760	27530	-770
SEP 24	3775	3780	-5	SEP 24	26431	27195	-764
OCT 24	10367	10353	14	OCT 24	31531	31567	-36
NOV 24	5034	5044	-10	NOV 24	27425	28163	-738
DEC 24	8760	8734	26	DEC 24	30359	31042	-683
JAN 25	18919	18890	29	JAN 25	27457	27516	-59
FEB 25	1894	1894	0	FEB 25	15774	15902	-128
MAR 25	6220	6120	100	MAR 25	17807	17819	-13
APR 25	6793	6792	1	APR 25	17442	17570	-128
MAY 25	2860	2858	2	MAY 25	16263	16374	-111
JUN 25	2676	2676	0	JUN 25	15075	15145	-70

Source: CME, ICE







	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Current Price	\$6.281	\$6.169	\$5.582	\$4.935	\$4.906	\$4.991	\$5.080	\$5.086	\$5.028	\$5.082	\$5.339	\$5.701
Last Week	\$7.024	\$7.330	\$7.135	\$6.424	\$5.215	\$5.150	\$5.231	\$5.315	\$5.320	\$5.261	\$5.316	\$5.581
vs. Last Week	-\$0.743	-\$1.161	-\$1.553	-\$1.489	-\$0.309	-\$0.159	-\$0.151	-\$0.229	-\$0.292	-\$0.179	\$0.023	\$0.120
4 Weeks Ago	\$6.400	\$6.754	\$6.529	\$5.873	\$5.018	\$4.961	\$5.025	\$5.094	\$5.106	\$5.055	\$5.111	\$5.446
vs. 4 Weeks Ago	-\$0.119	-\$0.585	-\$0.947	-\$0.938	-\$0.112	\$0.030	\$0.055	-\$0.008	-\$0.078	\$0.027	\$0.228	\$0.255
Last Year	\$4.132	\$4.073	\$3.921	\$3.751	\$3.727	\$3.766	\$3.817	\$3.829	\$3.815	\$3.851	\$3.948	\$4.136
vs. Last Year	\$2.149	\$2.096	\$1.661	\$1.184	\$1.179	\$1.225	\$1.263	\$1.257	\$1.213	\$1.231	\$1.391	\$1.565

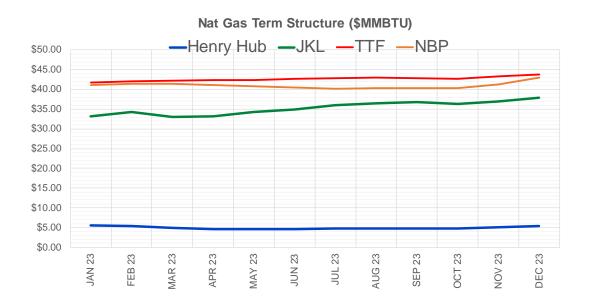
	Unito	Cash	Prompt	Cash to	
	Units	Settled	Settle	Prompt	
AGT Citygate	\$/MMBtu	4.50	22.78	18.28	
TETCO M3	\$/MMBtu	3.90	9.80	5.90	
FGT Zone 3	\$/MMBtu	3.95	7.38	3.43	
Zone 6 NY	\$/MMBtu	3.95	10.58	6.63	
Chicago Citygate	\$/MMBtu	4.41	7.13	2.72	
Michcon	\$/MMBtu	4.55	6.47	1.92	
Columbia TCO Pool	\$/MMBtu	3.78	6.05	2.27	
Ventura	\$/MMBtu	5.25	7.72	2.47	
Rockies/Opal	\$/MMBtu	15.67	6.80	-8.86	
El Paso Permian Basin	\$/MMBtu	0.05	4.30	4.25	
Socal Citygate	\$/MMBtu	19.00	12.30	-6.70	
Malin	\$/MMBtu	17.07	12.26	-4.81	
Houston Ship Channel	\$/MMBtu	4.15	6.23	2.08	
Henry Hub Cash	\$/MMBtu	4.00	6.30	2.30	
AECO Cash	C\$/GJ	3.67	4.34	0.67	
Station2 Cash	C\$/GJ	2.22	13.60	11.38	
Dawn Cash	C\$/GJ	4.57	6.75	2.18	

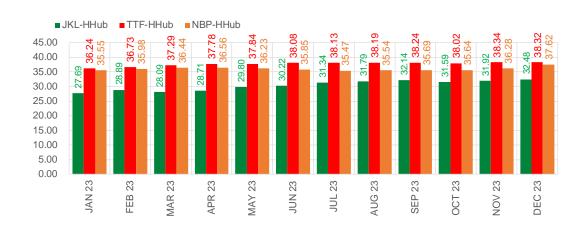
Source: CME, Bloomberg



				vo 4 Wooks	
				vs. 4 Weeks	
	Units	Current Price	vs. Last Week	Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	0.000	0.000	0.000
NatGas Oct21/Nov21	\$/MMBtu	0.361	0.000	0.000	0.000
NatGas Oct21/Jan22	\$/MMBtu	-1.817	0.000	0.000	0.367
NatGas Apr22/Oct22	\$/MMBtu	1.532	0.000	0.000	1.387
WTI Crude	\$/Bbl	76.93	- 0.310	-14.860	7.440
Brent Crude	\$/Bbl	82.68	- 0.510	▼ -15.240	9.600
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	0.000	0.000	0.000
Heating Oil	cents/Gallon	299.98	-21.560	▼ -78.130	82.860
Propane, Mt. Bel	cents/Gallon	0.70	▼ -0.151	▼ -0.195	- 0.305
Ethane, Mt. Bel	cents/Gallon	0.36	- 0.045	- 0.065	a 0.027
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			



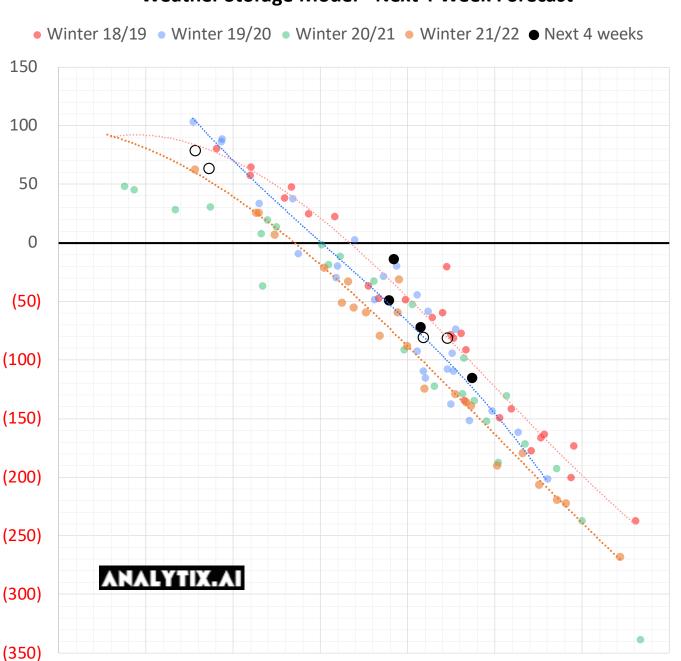




	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23	OCT 23	NOV 23	DEC 23
Henry Hub	\$5.496	\$5.405	\$4.958	\$4.552	\$4.537	\$4.631	\$4.724	\$4.736	\$4.678	\$4.739	\$5.036	\$5.425
JKL	\$33.185	\$34.295	\$33.045	\$33.260	\$34.340	\$34.855	\$36.060	\$36.530	\$36.820	\$36.330	\$36.960	\$37.900
JKL-HHub	\$27.689	\$28.890	\$28.087	\$28.708	\$29.803	\$30.224	\$31.336	\$31.794	\$32.142	\$31.591	\$31.924	\$32.475
TTF	\$41.734	\$42.134	\$42.251	\$42.330	\$42.372	\$42.710	\$42.851	\$42.928	\$42.921	\$42.754	\$43.373	\$43.746
TTF-HHub	\$36.238	\$36.729	\$37.293	\$37.778	\$37.835	\$38.079	\$38.127	\$38.192	\$38.243	\$38.015	\$38.337	\$38.321
NBP	\$41.048	\$41.385	\$41.399	\$41.116	\$40.770	\$40.484	\$40.195	\$40.276	\$40.368	\$40.381	\$41.319	\$43.047
NBP-HHub	\$35.552	\$35.980	\$36.441	\$36.564	\$36.233	\$35.853	\$35.471	\$35.540	\$35.690	\$35.642	\$36.283	\$37.622



Weather Storage Model - Next 4 Week Forecast



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