

Market Report

16 November 2022



	С	urrent	Δ from YD		m 7D vg
WTI Prompt	\$	86.60	\$ (0.32)	~ \$	(0.8)

	 urront	Δ from YD	Δ from 7D			
	urreni	םו וווטוו ב	A	Avg		
Brent Prompt	\$ 93.79	\$ (0.07)	~ \$	(0.7)		

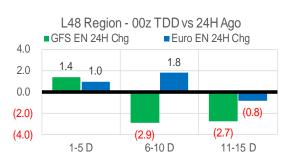
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Price Summary

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	100.3	- 0.56	▼ -0.77

			Δ from 7D		
	Current	Δ from YD	Avg		
US ResComm	36.9	▼ -1.28	7.49		

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.5	a 0.07	a 0.72

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	33.0	▼ -0.35	2.80

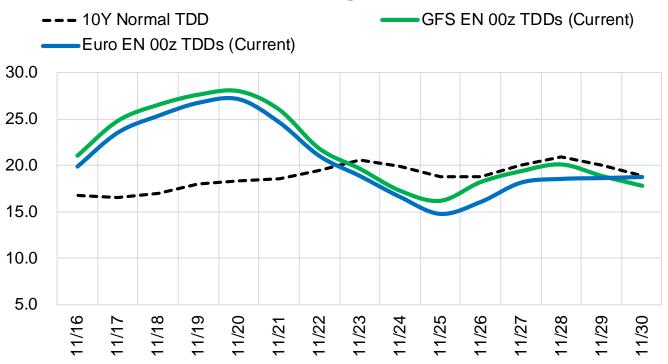
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.6	- 0.09	0.75

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.4	▼ -0.20	- 0.04



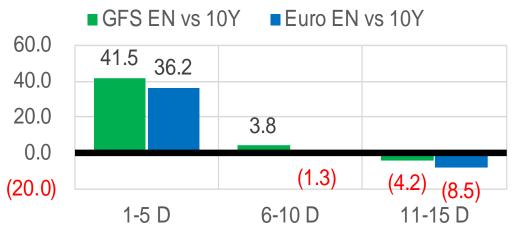
Short-term Weather Model Outlooks (00z)





Vs. 10Y Normal

L48 Region - 00z TDD vs 10Y Normal



Source: WSI, Bloomberg



Market Report

Daily Balances

Lower 48 Component Models

	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	DoD	vs. 7D
Lower 48 Dry Production	101.0	101.1	101.0	101.5	101.8	100.9	100.3	▼ -0.6	▼ -0.9
Canadian Imports	4.5	6.2	6.1	6.5	6.9	6.7	6.6	▼ -0.1	0.5
L48 Power	28.9	29.4	28.9	29.9	32.0	33.4	33.0	▼ -0.3	2.6
L48 Residential & Commercial	18.2	23.7	30.1	36.7	38.4	38.2	36.9	▼ -1.3	6.1
L48 Industrial	21.6	22.0	22.1	22.0	21.8	22.0	22.2	0.3	0.3
L48 Lease and Plant Fuel	5.6	5.6	5.6	5.7	5.7	5.6	5.6	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	2.7	3.1	3.4	3.8	4.1	4.1	4.0	▼ -0.1	0.5
L48 Regional Gas Consumption	77.0	83.8	90.1	98.1	101.9	103.3	101.8	▼ -1.5	9.4
Net LNG Delivered	11.04	11.88	12.76	11.77	12.27	12.47	12.54	▲ 0.1	0.5
Total Mexican Exports	6.7	6.5	6.3	6.2	6.4	6.6	6.4	▼ -0.2	▼ 0.0
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	10.8	5.0	-2.0	-8.1	-11.9	-14.8	-13.8		

EIA Storage Week Balances								
_	LY				LW	Current		
	12-Nov	14-Oct	21-Oct	28-Oct	4-Nov	11-Nov	WoW	vs. LY
Lower 48 Dry Production	96.5	101.7	100.4	101.1	101.0	100.3	▼ -0.7	3.8
Canadian Imports	5.1	5.5	6.1	5.3	4.9	4.2	▼ -0.8	▼-0.9
L48 Power	28.2	30.7	30.9	28.9	29.5	29.1	▼-0.5	0.8
L48 Residential & Commercial	22.2	14.7	20.9	15.9	17.6	17.7	0.1	-4.5
L48 Industrial	22.4	20.3	20.0	21.1	21.3	22.5	1.2	0.1
L48 Lease and Plant Fuel	5.4	5.7	5.6	5.6	5.6	5.6	▼ 0.0	0.2
L48 Pipeline Distribution	2.9	2.8	3.2	2.8	2.8	2.7	▼ -0.1	-0.2
L48 Regional Gas Consumption	81.0	74.1	80.6	74.4	76.9	77.6	0.7	▼ -3.5
Net LNG Exports	11.2	11.0	11.5	11.4	11.9	11.4	▼ -0.5	0.2
Total Mexican Exports	6.2	6.6	6.7	6.4	6.3	6.2	▼ -0.1	▼ 0.0
Implied Daily Storage Activity	3.2	15.6	7.7	14.3	10.8	9.2	-1.6	6.1
EIA Reported Daily Storage Activity	3.7	15.9	7.4	15.3	11.3			
Daily Model Error	-0.6	-0.3	0.2	-1.0	-0.5			

Monthly Balances	2Yr Ago	LY					MTD		
	Nov-20	Nov-21	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	MoM	vs. LY
Lower 48 Dry Production	91.2	96.4	97.8	98.2	100.6	101.3	100.6	▼-0.6	4.2
Canadian Imports	4.6	5.3	5.9	5.4	5.9	5.7	4.9	▼-0.7	▼ -0.4
L48 Power	25.7	29.3	44.8	43.8	37.0	30.2	29.7	▼-0.4	0.4
L48 Residential & Commercial	24.4	28.2	8.2	7.8	8.9	16.6	22.6	6.0	▼ -5.6
L48 Industrial	22.5	23.3	19.4	19.7	20.5	20.7	22.1	1.4	▼ -1.2
L48 Lease and Plant Fuel	5.0	5.4	5.5	5.5	5.5	5.7	5.6	▼ 0.0	0.2
L48 Pipeline Distribution	2.7	3.3	3.1	3.0	2.8	2.9	3.0	0.1	▼ -0.3
L48 Regional Gas Consumption	80.3	89.5	81.0	79.9	74.7	75.9	83.0	▲ 7.1	▼ -6.5
Net LNG Exports	10.1	11.4	10.9	11.0	11.5	11.3	11.7	0.4	0.3
Total Mexican Exports	6.1	6.1	7.0	6.9	6.7	6.6	6.3	▼-0.3	0.2
Implied Daily Storage Activity EIA Reported Daily Storage Activity	-0.7	-5.3	4.8	5.8	13.6	13.2	4.6		
Daily Model Error					-0.5				



Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	8-Nov	9-Nov	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov	DoD	vs. 7D
NRC Nuclear Daily Output	77.2	78.2	79.2	79.6	79.9	81.1	81.8	0.7	2.6
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	27.7	26.7	25.7	25.2	25.0	23.7	23.1	-0.7	-2.6
NRC % Nuclear Cap Utilization	78.5	79.5	80.5	81.0	81.3	82.5	83.2	0.7	2.6

Wind Generation Daily Average - MWh (EIA)

	8-Nov	9-Nov	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov	DoD	vs. 7D
CALI Wind	2837	2792	691	689	1547	2100	576	-1523	-1200
TEXAS Wind US Wind	8841 59162	8841 37047	12321 68086	17077 68805	8082 26099	17043 46484	14340 34032	-2703 -12452	2306 -16915

Generation Daily Average - MWh (EIA)

	8-Nov	9-Nov	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov	DoD	vs. 7D
US Wind	59162	37047	68086	68805	26099	46484	34032	-12452	-16915
US Solar	9907	7643	10593	8632	11553	10861	10820	-40	956
US Petroleum	1035	1068	983	983	950	938	1180	242	187
US Other	9827	8382	10084	9980	8431	8066	8545	480	-583
US Coal	67364	43775	65473	68554	59906	56822	66232	9410	5917
US Nuke	81337	68591	82886	83117	73377	74597	75328	730	-1990
US Hydro	24608	23031	24481	25672	21928	22528	26825	4297	3117
US Gas	168625	117565	151708	153695	136729	128874	155496	26623	12631

See National Wind and Nuclear daily charts



Storage Week Average Generation Data

,								
	12-Nov	14-Oct	21-Oct	28-Oct	4-Nov	11- N ov	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	79.8	76.2	74.4	74.1	75.8	77.2	1.4	-0.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	25.1	28.7	30.5	30.7	29.1	27.7	-1.4	
NRC % Nuclear Cap Utilization	81.1	77.5	75.6	75.4	77.1	78.5	1.4	

Wind Generation Weekly Average - MWh (EIA)

Nuclear Generation Weekly Average - GWh (NRC)

	12-Nov	14-Oct	21-Oct	28-Oct	4-Nov	11-Nov	WoW	Bcf/d Impact
CALI Wind	1805	1087	944	1974	1641	2226	585	-0.1
TEXAS Wind	12032	7842	9710	17228	10904	12095	1192	-0.2
US Wind	50985	41063	45195	64747	44699	58184	13485	-2.5
							30%	
						0.1		
Generation Weekly Average	- MWh (FIA)						

Generation Weekly Average - MWh (EIA)

					LY	Current		
								WoW
	12-Nov	14-Oct	21-Oct	28-Oct	4-Nov	11-Nov	WoW	Bcf/d
								Impact
US Wind	50985	41063	45195	64747	44699	58184	13485	-2.5
US Solar	10016	14503	14347	13756	11428	10220	-1208	0.2
US Petroleum	1025	842	1054	933	990	1004	14	0.0
US Other	8202	11273	11285	9085	10014	9689	-325	0.1
US Coal	77960	76322	79517	69841	75078	60378	-14701	2.8
US Nuke	84321	77235	76583	77718	79723	77521	-2202	0.4
US Hydro	26027	20001	19318	19097	21591	22651	1060	-0.2
US Gas	146676	170286	162314	148302	157761	146587	-11173	-2.1

See National Wind and Nuclear daily charts



Monthly Average Generation Data

Nuclear Generation Monthly Average - GWh (NRC)											
	2Yr Ago	LY			MTD						
	Same 30 days	Same 30 days	Aug-22	Sep-22	Oct-22	Nov-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY		
NRC Nuclear Daily Output	77.0	75.7	90.5	86.2	76.1	78.3	76.6	2.3	0.9		
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	27.9	29.1	14.3	18.7	28.8	26.5	28.3	-2.3	-0.9		
NRC % Nuclear Cap Utilization	78.3	77.0	92.1	87.7	77.4	79.7	77.9	2.3	0.9		

Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY				MTD)			
	Same 30 days	Same 30 days	Aug-22	Sep-22	Oct-22	Nov-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY	
CALI Wind	1254	1678	2028	1608	1239	1932	1610	694	-68	
TEXAS Wind	9879	12086	8440	7993	9916	13586	12899	3670	812	
US Wind	41892	48813	33222	38270	43698	53069	50946	9371	2133	

Generation Monthly Average - MWh (EIA)

, ,	2Yr Ago	ĹY				MTD			
	Same 30 days	Same 30 days	Aug-22	Sep-22	Oct-22	Nov-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
US Wind	41892	48813	33222	38270	43698	53069	50946	▼ -2123.3	2133
US Solar	7385	10330	16962	16163	14158	10454	11920	1465.8	1589
US Petroleum	861	966	1251	864	899	1027	990	▼ -36	24
US Other	8943	9431	10597	10512	10500	9431	9490	6 0	59
US Coal	88311	77423	117203	92002	75808	63162	69234	6072	▼ -8189
US Nuke	80605	79219	92976	89062	78133	77435	77859	424	▼ -1360
US Hydro	27908	25192	30192	25203	19926	23759	21854	▼ -1905	▼ -3338
US Gas	145368	153950	233739	200120	162323	148616	152317	3957	▼ -1633
US Total	400062	405569	535696	470764	405765	386642	394322	10037	▼-11248



See National Wind and Nuclear daily charts



Regional S/D Models Storage Projection

Week Ending 11-Nov

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	10.2	-0.6	9.6	67
East	0.3	2.5	2.8	20
Midwest	2.5	0.4	2.9	20
Mountain	4.1	-4.2	0.0	0
South Central	3.9	8.0	4.8	33
Pacific	-0.7	-0.2	-0.8	-6

^{*}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
11-Nov	8.6	67
18-Nov	20.6	-91
25-Nov	22.7	-122
02-Dec	18.4	-67

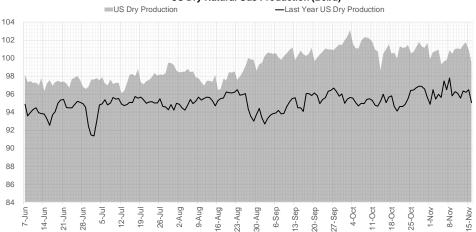
Weather Storage Model - Next 4 Week Forecast



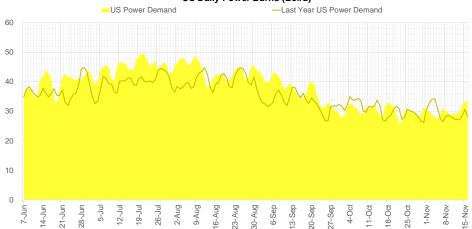


Supply - Demand Trends

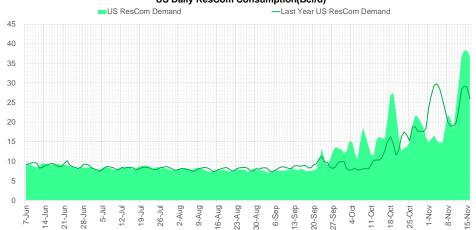
US Dry Natural Gas Production (Bcf/d)



US Daily Power Burns (Bcf/d)



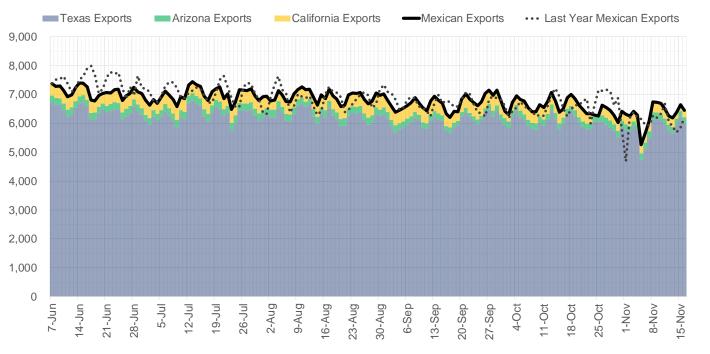
US Daily ResCom Consumption(Bcf/d)



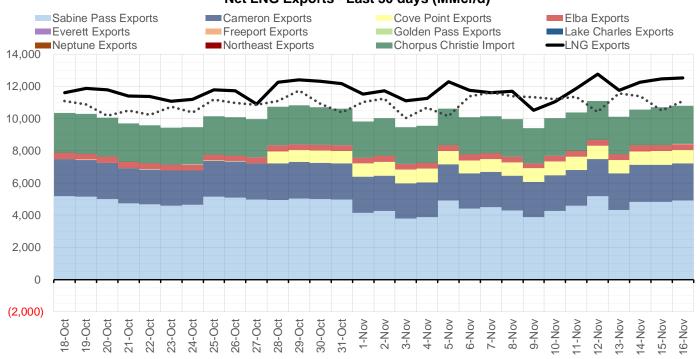
Source: Bloomberg



Mexican Exports (MMcf/d)



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



Source: Bloomberg



Nat Gas Options Volume and Open Interest CME and ICE Combined

	CONTRACT	PUT/CALL	STRIKE	CUMULATIVE	CONTRACT	CONTRACT	PUT/CALL	STRIKE	CUMULATIVE OI
MONTH	YEAR			VOL	MONTH	YEAR			
12	2022	Р	5.00	6589	12	2022	Р	4.00	48907
12	2022	Р	4.50	5377	12	2022	Р	5.00	43861
12	2022	С	7.00	4475	12	2022	Р	6.00	33942
12	2022	Р	4.75	3966	5	2023	Р	2.00	31152
12	2022	Р	5.50	3705	12	2022	Р	4.50	30894
1	2023	С	15.00	3313	12	2022	С	10.00	30384
12	2022	Р	6.00	3270	10	2023	Р	3.00	27975
1	2023	Р	3.00	2957	12	2022	Р	3.50	26057
10	2023	Р	3.00	2950	1	2023	Р	5.00	25980
12	2022	С	10.00	2514	3	2023	С	10.00	25979
10	2023	С	5.50	2350	4	2023	Р	3.00	25608
10	2023	С	5.00	2300	1	2023	С	10.00	25545
12	2022	Р	4.00	2283	4	2023	Р	2.00	23617
12	2022	С	8.00	2216	3	2023	Р	4.00	23483
1	2023	Р	4.75	2060	12	2022	С	6.00	22969
1	2023	Р	6.50	2000	12	2022	Р	4.75	22767
12	2022	P	5.25	1768	10	2023	Р	2.00	22763
12	2022	C	6.50	1628	12	2022	С	8.00	21914
1	2023	P	5.25	1573	4	2023	Р	3.50	21781
2	2023	C	20.00	1281	10	2023	Р	2.50	21600
2	2023	Č	17.00	1239	5	2023	Р	3.00	21593
1	2023	P	5.50	1231	2	2023	С	10.00	21006
4	2023	P	3.00	1075	6	2023	Р	3.00	20940
1	2023	Ċ	10.00	1024	7	2023	Р	3.00	20065
1	2023	P	3.50	1002	12	2022	Р	3.00	20059
12	2023	C	6.25	989	12	2022	С	7.00	19985
12	2022	C	8.50	969 872	6	2023	Р	2.00	19924
3		C			8	2023	Р	3.00	19901
3 12	2023 2022	P	10.00 5.75	832 803	9	2023	Р	3.00	19825
2		P			10	2023	Р	4.00	19501
	2024		5.00	800	8	2023	Р	2.00	19237
1	2023	P	4.00	767	1	2023	Р	4.00	19216
1	2023	С	13.00	765	9	2023	Р	2.00	19188
2	2023	P	6.00	762	4	2023	Р	4.00	19040
1	2023	С	17.00	752	7	2023	Р	2.00	19037
12	2022	P	5.35	745	1	2023	Р	3.00	19014
12	2022	С	6.75	717	3	2023	С	20.00	18920
10	2023	С	8.00	710	3	2023	Р	3.00	18825
5	2023	Р	3.00	700	6	2023	Р	3.50	18535
6	2023	Р	3.00	700	12	2022	Р	5.50	18410
7	2023	Р	3.00	700	12	2022	С	5.00	18369
8	2023	Р	3.00	700	5	2023	Р	3.50	18120
9	2023	Р	3.00	700	5	2023	Р	4.00	17631
1	2023	Р	5.00	686	6	2023	Р	4.00	17233
2	2023	С	9.00	684	9	2023	Р	4.00	17211
1	2023	Р	4.50	671	10	2023	Р	3.50	17050
1	2023	С	12.00	649	8	2023	Р	3.50	16961
12	2022	С	6.00	619	7	2023	Р	3.50	16829
12	2022	С	7.75	534	9	2023	Р	3.50	16819
1	2023	С	7.00	510	2	2023	C	e: CME, ICE	16595
							Source	: CME, ICE	



Nat Gas Futures Open Interest

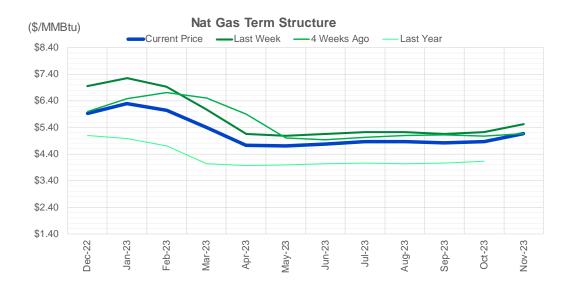
CME and ICE Combined

CME Henry Hub Futures (10,000 MMBtu) ICE Henry Hub Futures Contract Equivalent (10,000 MM											
CME Henry F				ICE Henry F			No. 1				
	Current	Prior	Daily Change		Current	Prior	Daily Change				
DEC 22	51589	57050	-5461	DEC 22	88479	88469	10				
JAN 23	163165	161651	1514	JAN 23	75567	75602	-36				
FEB 23	63719	64006	-287	FEB 23	68373	68217	157				
MAR 23	97728	97064	664	MAR 23	60920	60819	101				
APR 23	86453	85578	875	APR 23	58224	58392	-169				
MAY 23	91388	91103	285	MAY 23	59322	59280	43				
JUN 23	24593	24668	-75	JUN 23	49129	49075	54				
JUL 23	32402	32159	243	JUL 23	50540	50309	232				
AUG 23	26954	27060	-106	AUG 23	48366	48108	258				
SEP 23	31293	30582	711	SEP 23	46339	46366	-28				
OCT 23	49547	49930	-383	OCT 23	61261	61214	47				
NOV 23	20210	20353	-143	NOV 23	48504	48417	87				
DEC 23	27880	28209	-329	DEC 23	43564	43495	69				
JAN 24	34243	34257	-14	JAN 24	46780	46464	317				
FEB 24	11964	12061	-97	FEB 24	30695	30631	64				
MAR 24	23818	23720	98	MAR 24	38646	38561	85				
APR 24	22535	22465	70	APR 24	31654	31580	75				
MAY 24	10207	10205	2	MAY 24	30813	30773	41				
JUN 24	3500	3487	13	JUN 24	27378	27237	142				
JUL 24	4910	4908	2	JUL 24	26311	26226	85				
AUG 24	4566	4562	4	AUG 24	25470	25386	84				
SEP 24	3286	3267	19	SEP 24	25601	25553	48				
OCT 24	9872	10132	-260	OCT 24	29912	29734	178				
NOV 24	4937	4914	23	NOV 24	26773	26538	235				
DEC 24	8713	8726	-13	DEC 24	30456	30323	133				
JAN 25	18735	19193	-458	JAN 25	26138	26041	97				
FEB 25	1844	1838	6	FEB 25	15818	15727	91				
MAR 25	6296	6401	-105	MAR 25	17654	17665	-12				
APR 25	6594	6602	-8	APR 25	16492	16477	15				
MAY 25	2749	2749	0	MAY 25	15745	15758	-13				

Source: CME, ICE







	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23
Current Price	\$5.933	\$6.299	\$6.050	\$5.410	\$4.726	\$4.706	\$4.784	\$4.868	\$4.877	\$4.817	\$4.870	\$5.175
Last Week	\$6.944	\$7.244	\$6.936	\$6.087	\$5.157	\$5.089	\$5.150	\$5.216	\$5.225	\$5.167	\$5.219	\$5.533
vs. Last Week	-\$1.011	-\$0.945	-\$0.886	-\$0.677	-\$0.431	-\$0.383	-\$0.366	-\$0.348	-\$0.348	-\$0.350	-\$0.349	-\$0.358
4 Weeks Ago	\$5.999	\$6.479	\$6.714	\$6.508	\$5.913	\$5.014	\$4.948	\$5.023	\$5.103	\$5.115	\$5.084	\$5.158
vs. 4 Weeks Ago	-\$0.066	-\$0.180	-\$0.664	-\$1.098	-\$1.187	-\$0.308	-\$0.164	-\$0.155	-\$0.226	-\$0.298	-\$0.214	\$0.017
Last Year	\$5.017	\$5.104	\$4.991	\$4.718	\$4.045	\$3.973	\$4.004	\$4.048	\$4.051	\$4.028	\$4.054	\$4.131
vs. Last Year	\$0.916	\$1.195	\$1.059	\$0.692	\$0.681	\$0.733	\$0.780	\$0.820	\$0.826	\$0.789	\$0.816	\$1.044

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	6.70	16.81	10.11
TETCO M3	\$/MMBtu	6.42	7.74	1.32
FGT Zone 3	\$/MMBtu	6.04	6.55	0.52
Zone 6 NY	\$/MMBtu	6.04	8.07	2.04
Chicago Citygate	\$/MMBtu	5.89	6.37	0.48
Michcon	\$/MMBtu	5.60	5.77	0.17
Columbia TCO Pool	\$/MMBtu	5.36	5.48	0.12
Ventura	\$/MMBtu	6.30	6.83	0.53
Rockies/Opal	\$/MMBtu	8.34	6.38	-1.96
El Paso Permian Basin	\$/MMBtu	4.90	4.92	0.03
Socal Citygate	\$/MMBtu	8.95	8.39	-0.56
Malin	\$/MMBtu	8.60	7.50	-1.10
Houston Ship Channel	\$/MMBtu	5.30	6.09	0.79
Henry Hub Cash	\$/MMBtu	5.90	5.67	-0.24
AECO Cash	C\$/GJ	4.71	4.22	-0.49
Station2 Cash	C\$/GJ	4.47	8.99	4.52
Dawn Cash	C\$/GJ	5.70	5.90	0.20

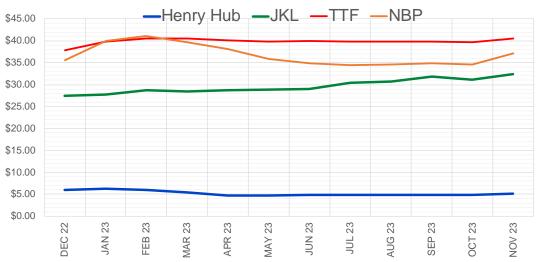
Source: CME, Bloomberg

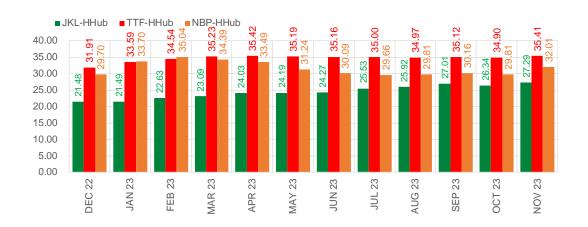


				vs. 4 Weeks	
	Units	Current Price	vs. Last Week		vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	0.000	0.000	0.000
NatGas Oct21/Nov21	\$/MMBtu	0.361	0.000	0.000	0.000
NatGas Oct21/Jan22	\$/MMBtu	-1.817	0.000	0.000	▼ -1.246
NatGas Apr22/Oct22	\$/MMBtu	1.532	0.000	0.000	1.535
WTI Crude	\$/Bbl	86.92	▼ -1.990	4.100	6.160
Brent Crude	\$/Bbl	93.86	▼ -1.500	3.830	11.430
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	0.000	0.000	0.000
Heating Oil	cents/Gallon	364.13	-12.940	▼ -35.220	121.040
Propane, Mt. Bel	cents/Gallon	0.88	-0.006	0.037	▼ -0.422
Ethane, Mt. Bel	cents/Gallon	0.40	0.002	-0.003	- 0.009
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			





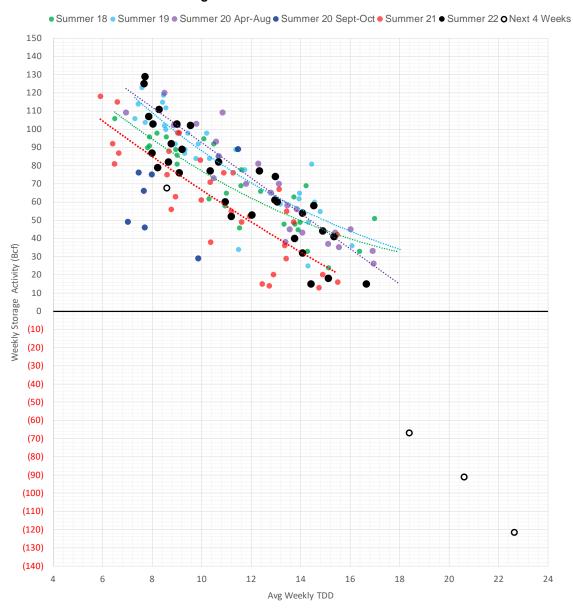




	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23	OCT 23	NOV 23
Henry Hub	\$5.913	\$6.298	\$6.032	\$5.353	\$4.685	\$4.680	\$4.775	\$4.865	\$4.854	\$4.773	\$4.852	\$5.176
JKL	\$27.397	\$27.785	\$28.665	\$28.440	\$28.710	\$28.865	\$29.040	\$30.390	\$30.775	\$31.780	\$31.190	\$32.465
JKL-HHub	\$21.484	\$21.487	\$22.633	\$23.087	\$24.025	\$24.185	\$24.265	\$25.525	\$25.921	\$27.007	\$26.338	\$27.289
TTF	\$37.825	\$39.888	\$40.570	\$40.580	\$40.100	\$39.865	\$39.932	\$39.860	\$39.824	\$39.895	\$39.752	\$40.587
TTF-HHub	\$31.912	\$33.590	\$34.538	\$35.227	\$35.415	\$35.185	\$35.157	\$34.995	\$34.970	\$35.122	\$34.900	\$35.411
NBP	\$35.616	\$40.000	\$41.070	\$39.743	\$38.171	\$35.920	\$34.862	\$34.524	\$34.668	\$34.937	\$34.659	\$37.188
NBP-HHub	\$29.703	\$33.702	\$35.038	\$34.390	\$33.486	\$31.240	\$30.087	\$29.659	\$29.814	\$30.164	\$29.807	\$32.012



Weather Storage Model - Next 4 Week Forecast





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