

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 6.67	▼ \$ (0.16)	▼ \$ (0.09)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 86.62	▲ \$ 0.10	▲ \$ 4.9

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 91.94	▲ \$ 0.14	▲ \$ 3.0

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[Lower 48 Component Models](#)

[Regional S/D Models Storage Projection](#)

[Weather Model Storage Projection](#)

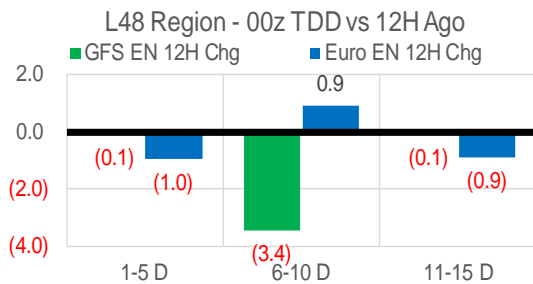
[Supply – Demand Trends](#)

[Nat Gas Options Volume and Open Interest](#)

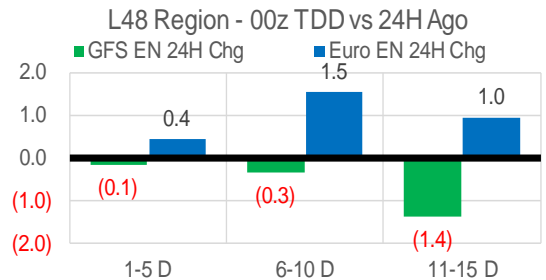
[Nat Gas Futures Open Interest](#)

[Price Summary](#)

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	101.4	▼ -0.64	▼ -1.11

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	32.7	▲ 0.47	▲ 2.70

	Current	Δ from YD	Δ from 7D Avg
US ResComm	11.9	▼ -3.24	▼ -1.82

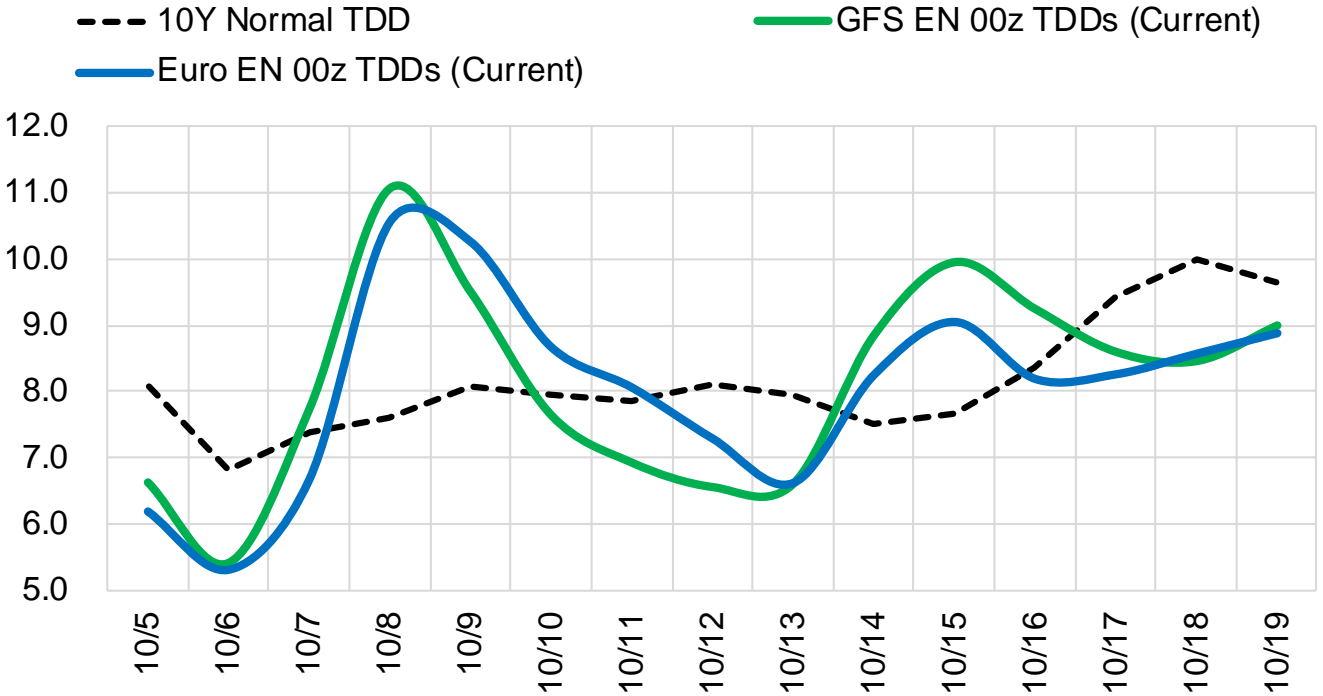
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.9	▼ -0.04	▼ -0.21

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	10.5	▼ -0.11	▼ -1.05

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.9	▼ -0.03	▲ 0.16

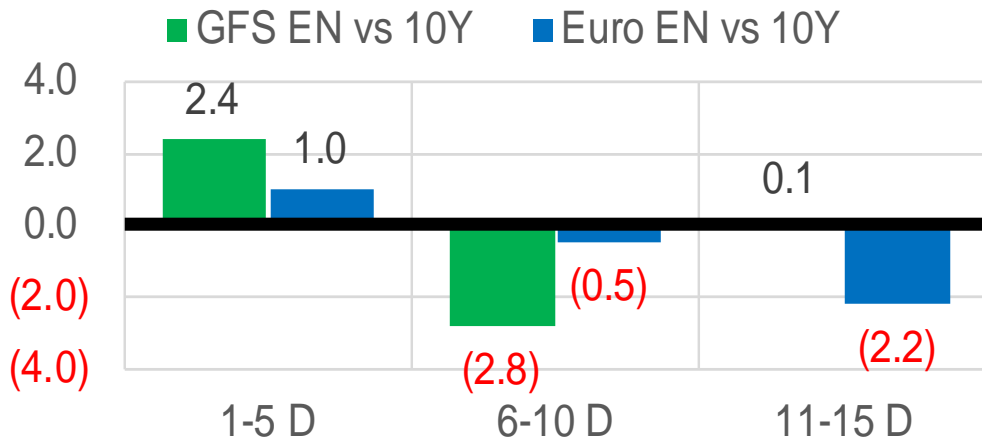
Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal

L48 Region - 00z TDD vs 10Y Normal



Source: WSI, Bloomberg

Lower 48 Component Models

Daily Balances

	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	DoD	vs. 7D
Lower 48 Dry Production	102.1	102.1	102.7	103.2	103.7	102.0	101.4	▼ -0.6	▼ -1.2
Canadian Imports	6.1	6.1	6.1	6.1	6.2	6.0	5.9	▼ 0.0	▼ -0.2
L48 Power	30.1	29.5	27.8	28.2	31.0	32.2	32.7	▲ 0.5	▲ 2.9
L48 Residential & Commercial	13.5	13.2	12.4	12.8	15.0	15.1	11.9	▼ -3.2	▼ -1.8
L48 Industrial	21.1	21.2	21.3	21.3	21.5	21.6	21.4	▼ -0.2	▲ 0.1
L48 Lease and Plant Fuel	5.6	5.6	5.7	5.8	5.8	5.7	5.6	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	2.7	2.6	2.5	2.5	2.8	2.9	2.7	▼ -0.2	▲ 0.1
L48 Regional Gas Consumption	73.0	72.2	69.8	70.6	76.2	77.5	74.4	▼ -3.1	▲ 1.2
Net LNG Delivered	12.46	12.46	11.62	11.20	10.57	10.60	10.49	▼ -0.1	▼ -1.0
Total Mexican Exports	7.0	6.9	6.5	6.4	6.5	6.9	6.9	▼ 0.0	▲ 0.2
Implied Daily Storage Activity	15.7	16.6	21.0	21.1	16.7	12.9	15.5		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	LY 1-Oct	2-Sep	9-Sep	16-Sep	LW 23-Sep	Current 30-Sep	WoW	vs. LY
Lower 48 Dry Production	96.2	100.2	100.9	101.0	100.8	101.5	▲ 0.8	▲ 5.3
Canadian Imports	5.7	5.8	5.9	5.6	6.1	6.2	▲ 0.1	▲ 0.5
L48 Power	29.9	42.8	41.1	37.9	37.0	31.5	▼ -5.5	1.6
L48 Residential & Commercial	9.2	7.9	7.6	8.0	8.2	11.9	▲ 3.7	2.7
L48 Industrial	22.0	21.8	21.4	20.9	21.4	20.8	▼ -0.6	-1.2
L48 Lease and Plant Fuel	5.3	5.5	5.6	5.6	5.6	5.6	▲ 0.0	0.3
L48 Pipeline Distribution	2.4	3.0	3.0	2.8	2.8	2.7	▼ -0.1	0.3
L48 Regional Gas Consumption	68.9	81.1	78.7	75.1	74.9	72.5	▼ -2.5	▲ 3.6
Net LNG Exports	10.3	10.9	11.3	11.3	11.5	11.8	▲ 0.3	▲ 1.5
Total Mexican Exports	6.6	6.9	6.6	6.7	6.6	6.8	▲ 0.3	▲ 0.2
Implied Daily Storage Activity	16.1	7.2	10.2	13.4	13.9	16.6	2.7	0.5
EIA Reported Daily Storage Activity	16.9	7.7	11.0	14.7	14.7			
Daily Model Error	-0.8	-0.5	-0.8	-1.3	-0.8			

Monthly Balances

	2Yr Ago Oct-20	LY Oct-21	Jun-22	Jul-22	Aug-22	Sep-22	MTD Oct-22	MoM	vs. LY
Lower 48 Dry Production	88.5	95.5	97.3	97.7	99.1	101.0	102.9	▲ 1.9	▲ 7.4
Canadian Imports	4.3	5.4	5.7	5.9	5.4	5.9	6.1	▲ 0.2	▲ 0.7
L48 Power	30.6	30.4	38.3	44.3	43.1	36.8	29.8	▼ -7.0	▼ -0.6
L48 Residential & Commercial	15.5	12.6	8.9	8.3	8.0	9.0	13.8	▲ 4.8	▲ 1.2
L48 Industrial	22.7	21.7	19.1	19.8	21.1	21.1	21.4	▲ 0.3	▼ -0.2
L48 Lease and Plant Fuel	4.8	5.3	5.5	5.5	5.5	5.6	5.7	▲ 0.2	▲ 0.4
L48 Pipeline Distribution	2.5	2.7	2.9	3.1	3.0	2.8	2.7	▼ -0.1	▲ 0.0
L48 Regional Gas Consumption	76.1	72.7	74.6	81.0	80.8	75.4	73.5	▼ -1.9	▲ 0.8
Net LNG Exports	8.0	10.6	11.2	10.9	11.0	11.5	11.0	▼ -0.5	▲ 0.4
Total Mexican Exports	6.0	6.6	7.1	7.0	6.9	6.7	6.6	▼ -0.1	▼ 0.0
Implied Daily Storage Activity	2.7	11.0	10.0	4.7	5.8	13.4	17.9		
EIA Reported Daily Storage Activity									
Daily Model Error					0.0				

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	27-Sep	28-Sep	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct	DoD	vs. 7D
NRC Nuclear Daily Output	84.6	84.1	81.4	81.5	79.9	80.2	79.7	-0.4	-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	20.2	20.7	23.5	23.3	25.0	24.7	25.2	0.4	2.2
NRC % Nuclear Cap Utilization	86.1	85.6	82.8	82.9	81.2	81.5	81.1	-0.4	-2.3

Wind Generation Daily Average - MWh (EIA)

	27-Sep	28-Sep	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct	DoD	vs. 7D
CALI Wind	1632	1827	1549	1449	1808	1765	1633	-133	-39
TEXAS Wind	8099	7871	6937	8028	8626	5976	5616	-360	-1973
US Wind	34935	39820	45877	45881	40255	37162	34226	-2936	-6429

Generation Daily Average - MWh (EIA)

	27-Sep	28-Sep	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct	DoD	vs. 7D
US Wind	34935	39820	45877	45881	40255	37162	34226	-2936	-6429
US Solar	15575	14675	14562	14930	15450	14640	14303	-337	-669
US Petroleum	340	338	284	512	478	829	759	-70	296
US Other	12139	11429	10711	10593	10205	10328	10631	303	-270
US Coal	78618	76929	74264	74506	68885	68608	74706	6098	1071
US Nuke	85543	84441	82368	100142	83579	81186	81026	-160	-5184
US Hydro	24502	24049	23234	24507	19805	19203	21921	2717	-629
US Gas	174867	168365	159977	169570	141291	150263	176065	25803	15344

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	1-Oct	2-Sep	9-Sep	16-Sep	23-Sep	30-Sep	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	85.1	89.6	87.5	86.0	86.7	85.1	-1.7	0.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	19.8	15.2	17.4	18.9	18.1	19.8	1.7	
NRC % Nuclear Cap Utilization	86.5	91.2	88.9	87.4	88.2	86.5	-1.7	

Wind Generation Weekly Average - MWh (EIA)

	1-Oct	2-Sep	9-Sep	16-Sep	23-Sep	30-Sep	WoW	WoW Bcf/d Impact
CALI Wind	2467	1825	1285	2033	1941	1208	-733	0.1
TEXAS Wind	10364	6839	4092	8875	11580	8083	-3498	0.7
US Wind	43512	36122	27253	37396	47947	40598	-7348	1.4
							-15%	
							-0.3	

Generation Weekly Average - MWh (EIA)

	1-Oct	2-Sep	9-Sep	16-Sep	23-Sep	30-Sep	LY	Current	YoY	WoW Bcf/d Impact
US Wind	43512	36122	27253	37396	47947	40598			-7348	1.4
US Solar	12968	17072	16144	14887	17244	16416			-828	0.2
US Petroleum	458	1075	1105	1029	1010	379			-632	0.1
US Other	8725	10580	9950	9950	10826	11035			209	0.0
US Coal	94602	113005	105981	91209	92461	77582			-14879	2.8
US Nuke	88422	92018	89638	88711	89298	86646			-2652	0.5
US Hydro	25385	27850	27950	25849	23537	23067			-470	0.1
US Gas	156149	232735	227619	201216	197536	171526			-26010	-4.9

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Monthly Average Generation Data

Nuclear Generation Monthly Average - GWh (NRC)

	2Yr Ago	LY	MTD						
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	NRC Nuclear Daily Output	86.9	85.9	90.6	90.5	86.2	80.3	85.0	-6.0
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	18.0	18.9	14.3	14.3	18.6	24.6	19.9	6.0	1.0
NRC % Nuclear Cap Utilization	88.3	87.4	92.1	92.1	87.7	81.6	86.4	-6.1	-1.0

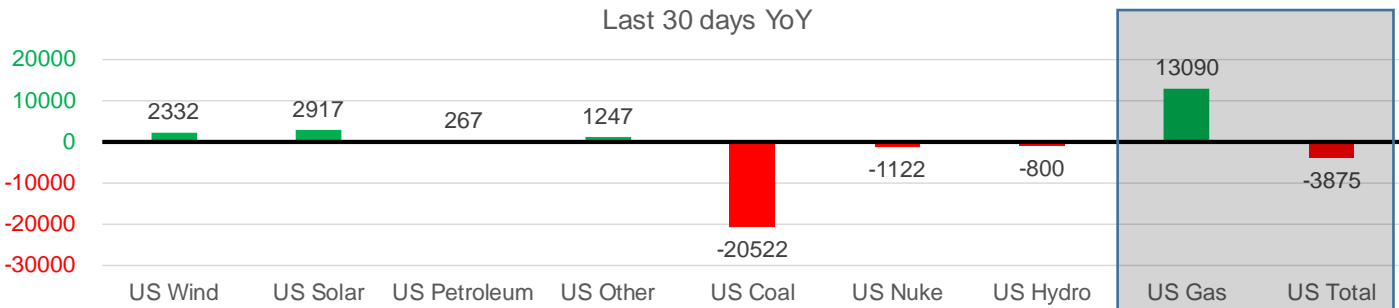
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD						
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	CALI Wind	1277	1827	2719	2028	1608	1694	1649	86
TEXAS Wind	7540	8236	11765	8440	7993	6290	8367	-1703	132
US Wind	32453	37208	39701	33222	38110	36019	39540	-2091	2332

Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD						
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	US Wind	32453	37208	39701	33222	38110	36019	39540	▲ 3520.9
US Solar	9012	12939	18598	16962	16116	14600	15856	▲ 1256.6	▲ 2917
US Petroleum	1004	561	1252	1253	864	717	828	▲ 111	▲ 267
US Other	8240	9289	10128	10426	10427	10485	10537	▲ 52	▲ 1247
US Coal	84868	106763	119788	117200	92000	72322	86241	▲ 13919	▼ -20522
US Nuke	90037	88741	92883	92976	89052	81569	87620	▲ 6051	▼ -1122
US Hydro	25960	25138	34227	30121	25185	20954	24338	▲ 3384	▼ -800
US Gas	173167	176760	235766	233741	199853	163950	189851	▲ 28295	▲ 13090
US Total	422892	457513	551821	535671	470204	401476	453638	▲ 53068	▼ -3875

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

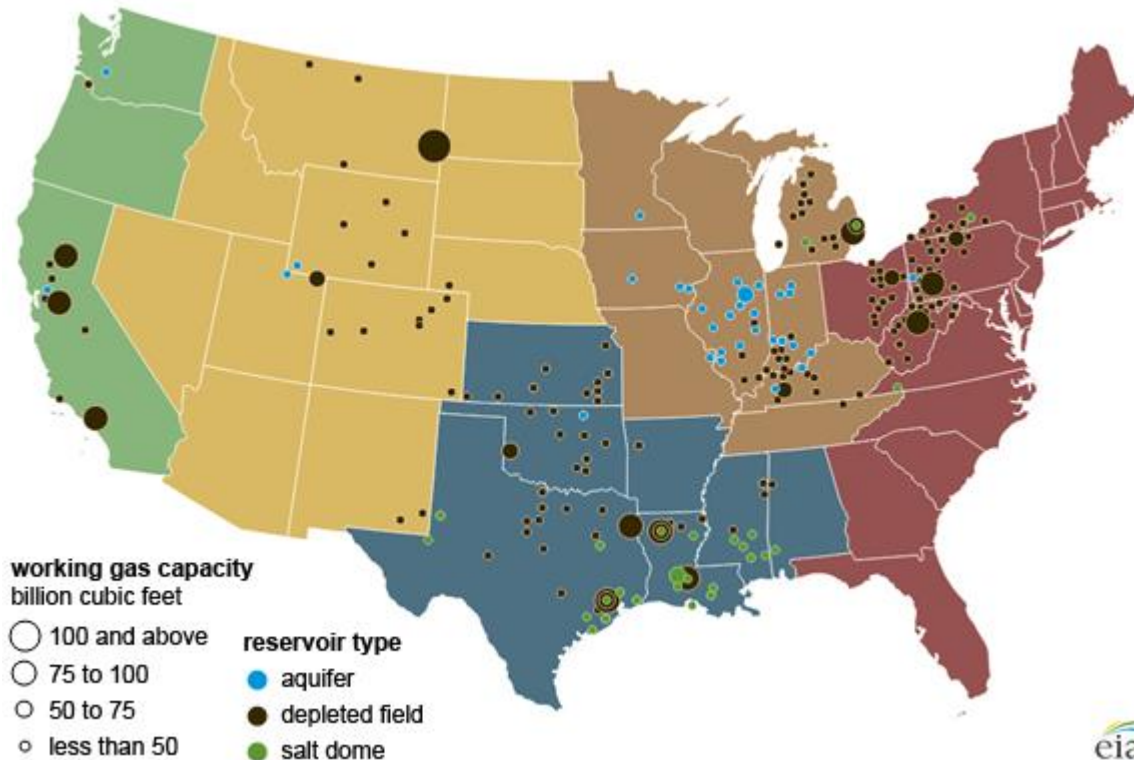
Regional S/D Models Storage Projection

Week Ending 30-Sep

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	17.7	-0.2	17.5	122
East	2.2	2.1	4.3	30
Midwest	4.2	0.1	4.3	30
Mountain	5.5	-4.2	1.3	9
South Central	5.1	2.0	7.1	50
Pacific	0.8	-0.3	0.5	3

*Adjustment Factor is calculated based on historical regional deltas

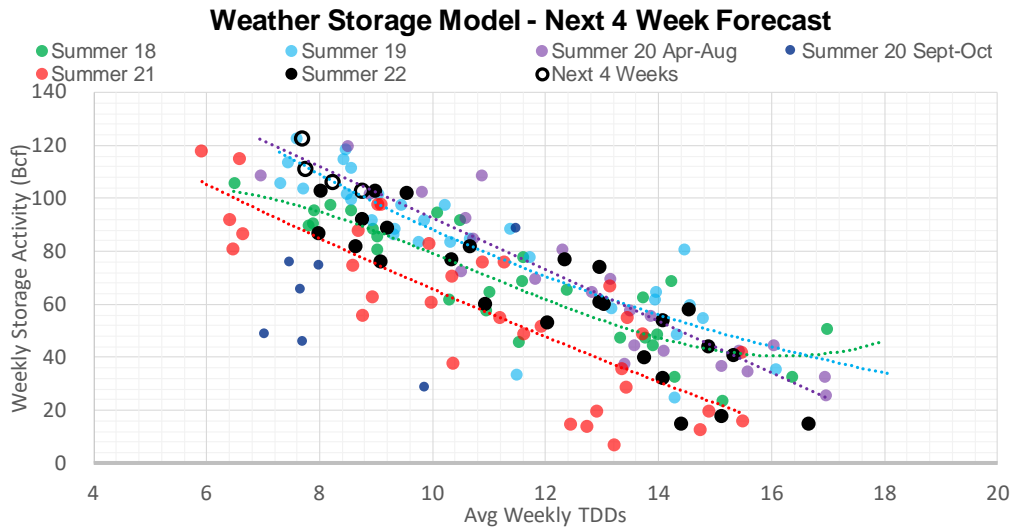
U.S. underground natural gas storage facilities by type (July 2015)



Weather Model Storage Projection

Next report
and beyond

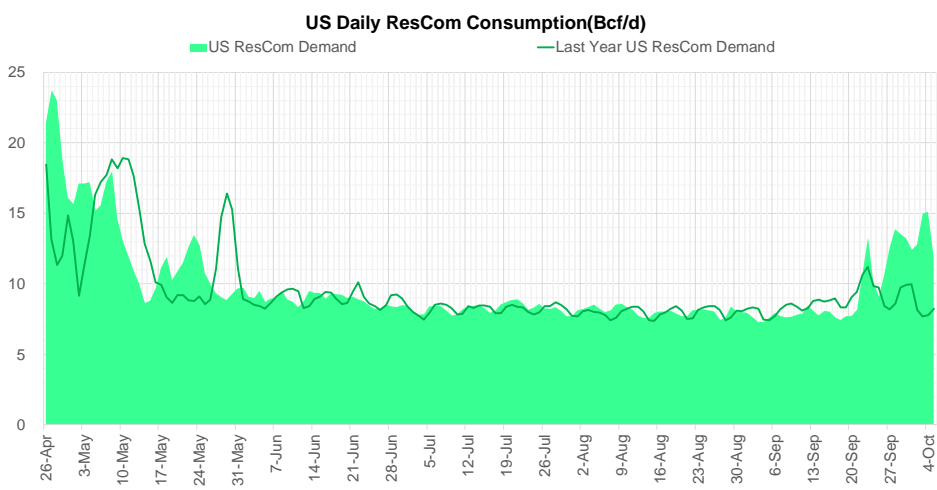
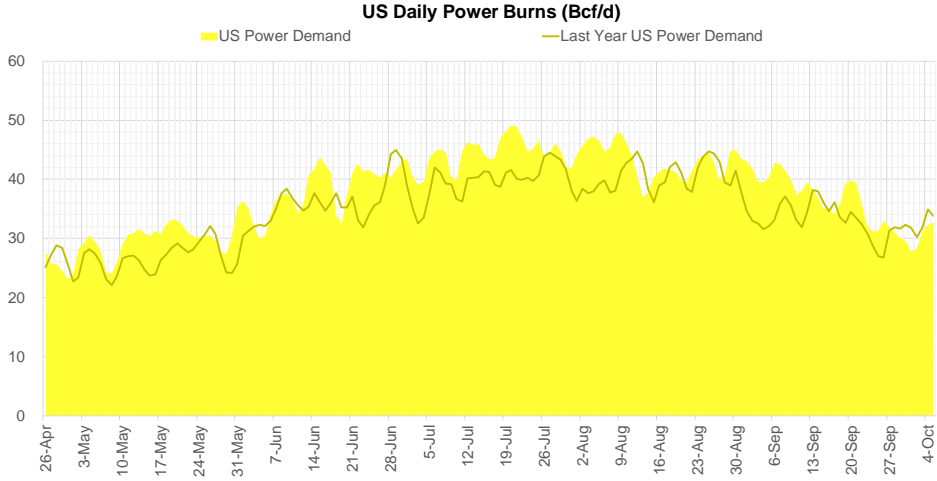
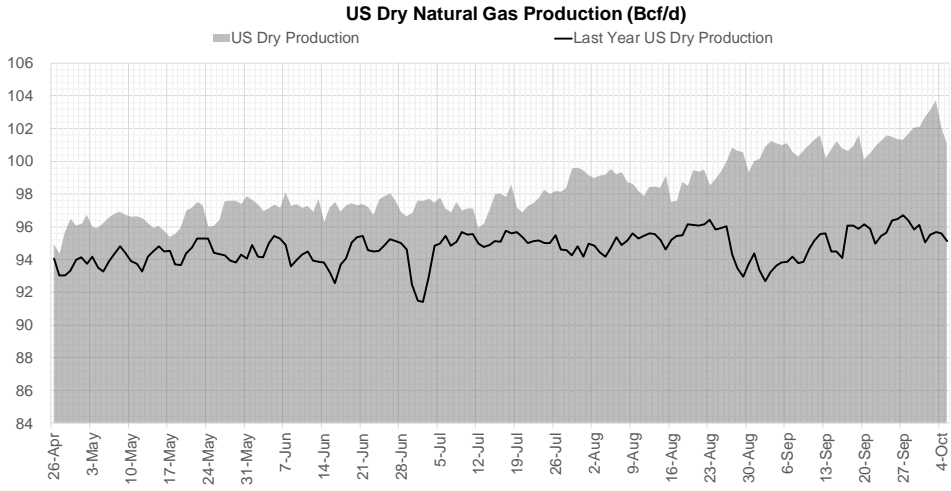
Week Ending	GWDDs	Week Storage Projection
30-Sep	7.7	122
07-Oct	7.8	111
14-Oct	8.3	106
21-Oct	8.8	103



Go to larger image



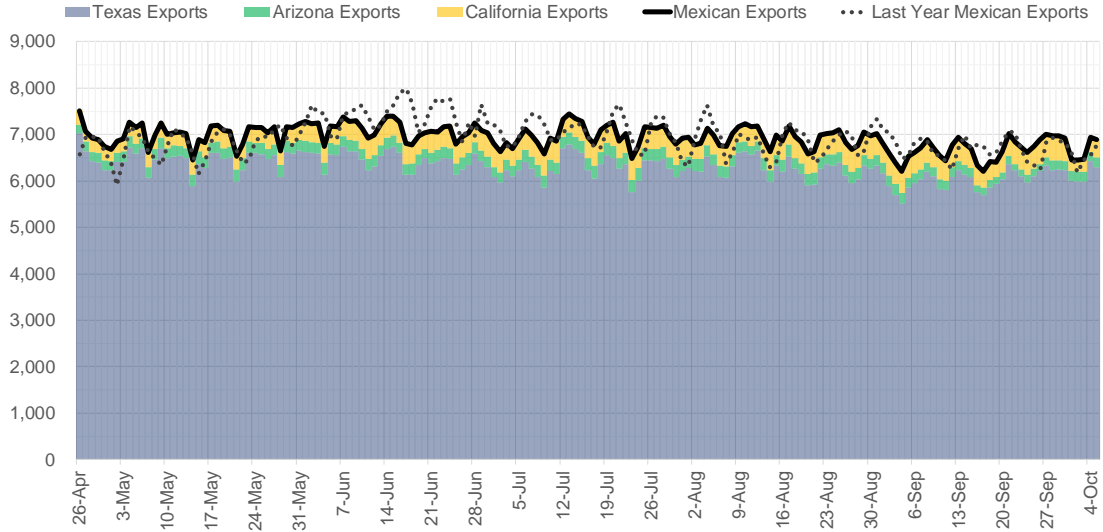
Supply – Demand Trends



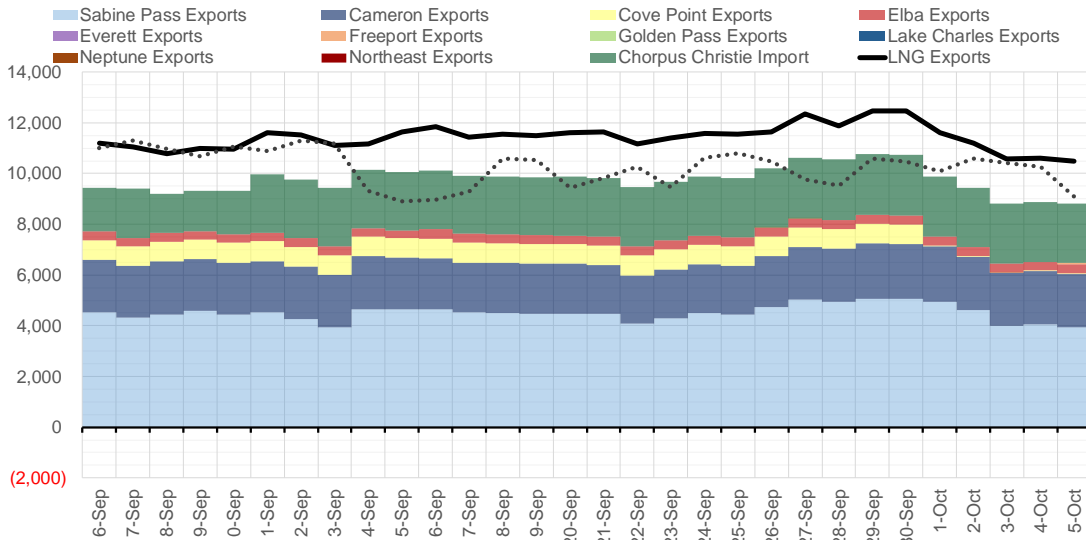
Source: Bloomberg

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.

Mexican Exports (MMcf/d)



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



Source: Bloomberg

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Nat Gas Options Volume and Open Interest CME and ICE Combined

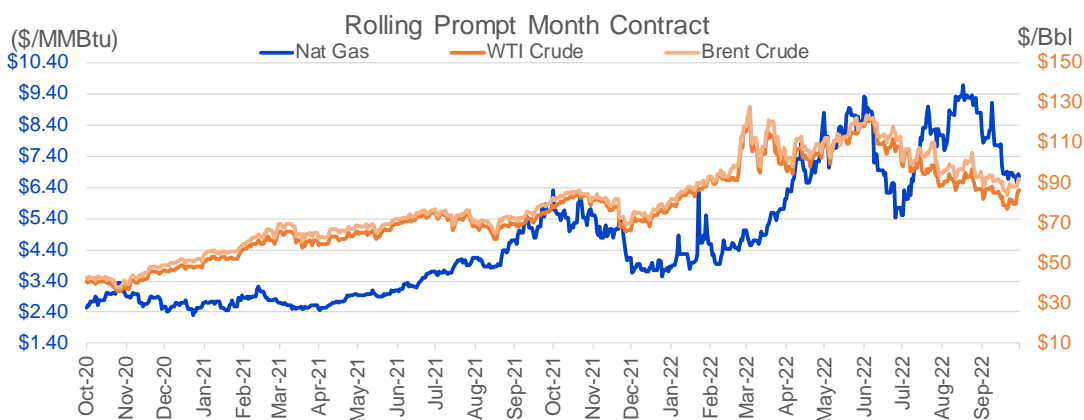
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
11	2022	P	6.00	14574	3	2023	C	10.00	26155
11	2022	C	8.00	10221	12	2022	P	4.00	25736
11	2022	P	6.80	9216	11	2022	P	4.00	24986
11	2022	C	9.00	7863	12	2022	P	5.00	23227
11	2022	P	5.00	3864	12	2022	P	6.00	22895
11	2022	C	7.00	3686	5	2023	P	2.00	22647
11	2022	C	10.00	3618	4	2023	P	3.00	21061
11	2022	P	5.25	3348	11	2022	P	5.00	20623
12	2022	C	8.00	3304	1	2023	C	10.00	19520
1	2023	C	8.00	2803	10	2023	P	3.00	19309
1	2023	C	10.00	2478	3	2023	P	4.00	19255
1	2023	C	20.00	2436	3	2023	C	20.00	19147
12	2022	C	11.00	2303	10	2023	P	2.50	18900
4	2023	P	3.25	2200	12	2022	C	5.00	18227
5	2023	P	3.25	2200	4	2023	P	3.50	18141
6	2023	P	3.25	2200	11	2022	C	8.00	18137
7	2023	P	3.25	2200	11	2022	C	10.00	18034
8	2023	P	3.25	2200	3	2023	P	3.00	17606
9	2023	P	3.25	2200	6	2023	P	3.00	17605
10	2023	P	3.25	2200	5	2023	P	3.00	17273
11	2022	C	6.50	2109	1	2023	P	4.00	17146
12	2022	P	5.25	2092	12	2022	P	5.50	17139
12	2022	C	6.50	2051	11	2022	P	6.00	16998
1	2023	P	4.50	1852	10	2023	P	4.00	16981
1	2023	C	12.00	1803	2	2023	C	10.00	16972
1	2023	P	5.00	1727	5	2023	P	3.50	16890
12	2022	P	4.00	1719	1	2023	P	5.00	16587
11	2022	C	8.50	1567	11	2022	C	12.00	16326
11	2022	P	5.50	1549	12	2022	C	10.00	16261
12	2022	C	7.50	1353	12	2022	C	4.00	16195
4	2023	C	5.00	1350	10	2023	P	2.00	16110
5	2023	C	5.00	1350	8	2023	P	3.50	15922
6	2023	C	5.00	1350	6	2023	P	3.50	15915
7	2023	C	5.00	1350	7	2023	P	3.50	15890
8	2023	C	5.00	1350	9	2023	P	3.50	15880
9	2023	C	5.00	1350	10	2023	P	3.50	15855
10	2023	C	5.00	1350	4	2023	P	4.00	15818
12	2022	C	9.00	1319	11	2022	C	4.00	15755
11	2022	P	4.50	1274	7	2023	P	3.00	15750
11	2022	C	14.00	1253	8	2023	P	3.00	15550
11	2022	P	4.00	1251	9	2023	P	3.00	15550
12	2022	C	10.00	1154	9	2023	P	4.00	15461
12	2022	P	5.00	1149	2	2023	C	9.00	15389
1	2023	P	4.25	1051	4	2023	P	2.00	15158
4	2023	C	6.00	1050	12	2022	P	7.00	14882
5	2023	C	6.00	1050	7	2023	P	4.00	14804
6	2023	C	6.00	1050	3	2023	P	2.75	14650
7	2023	C	6.00	1050	5	2023	P	4.00	14593
8	2023	C	6.00	1050	8	2023	P	4.00	14101
8	2023	C	6.00	1050	6	2023	P	4	13946

Source: CME, ICE

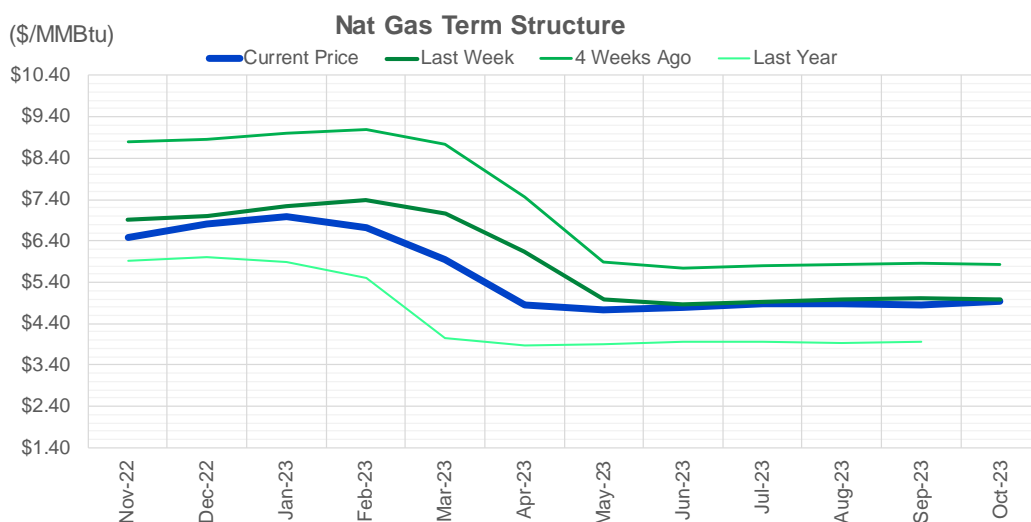
Nat Gas Futures Open Interest CME and ICE Combined

CME Henry Hub Futures (10,000 MMBtu)				ICE Henry Hub Futures Contract Equivalent (10,000 MM			
	Current	Prior	Daily Change		Current	Prior	Daily Change
NOV 22	160574	161541	-967	NOV 22	71120	71933	-812
DEC 22	72854	67671	5183	DEC 22	73864	73856	8
JAN 23	93363	92501	862	JAN 23	69885	69860	25
FEB 23	46560	46703	-143	FEB 23	65235	64544	690
MAR 23	75017	73981	1036	MAR 23	57261	57027	235
APR 23	76325	75912	413	APR 23	55132	54741	391
MAY 23	82830	83113	-283	MAY 23	55243	55182	61
JUN 23	24234	23729	505	JUN 23	45710	45612	98
JUL 23	25769	25980	-211	JUL 23	46202	46001	201
AUG 23	20590	20260	330	AUG 23	44861	44868	-7
SEP 23	23659	22821	838	SEP 23	41739	41636	103
OCT 23	56064	56024	40	OCT 23	54832	54856	-24
NOV 23	19313	19000	313	NOV 23	47340	47500	-160
DEC 23	15590	15338	252	DEC 23	40186	40728	-542
JAN 24	27548	26366	1182	JAN 24	43762	43589	173
FEB 24	9720	9747	-27	FEB 24	30822	31227	-405
MAR 24	19068	18980	88	MAR 24	36560	36808	-248
APR 24	16064	16018	46	APR 24	29827	29810	17
MAY 24	8107	8041	66	MAY 24	28406	28378	28
JUN 24	2806	2771	35	JUN 24	25735	25684	51
JUL 24	3719	3691	28	JUL 24	25282	25267	15
AUG 24	3747	3714	33	AUG 24	25010	24967	44
SEP 24	2316	2289	27	SEP 24	24741	24693	49
OCT 24	9132	9098	34	OCT 24	28872	28842	30
NOV 24	4983	4983	0	NOV 24	26023	25990	33
DEC 24	8242	8247	-5	DEC 24	29368	29337	32
JAN 25	17419	17417	2	JAN 25	23891	23889	1
FEB 25	1636	1636	0	FEB 25	15933	15891	42
MAR 25	5276	5229	47	MAR 25	18106	18093	13
APR 25	5161	5171	-10	APR 25	16510	16470	41

Source: CME, ICE



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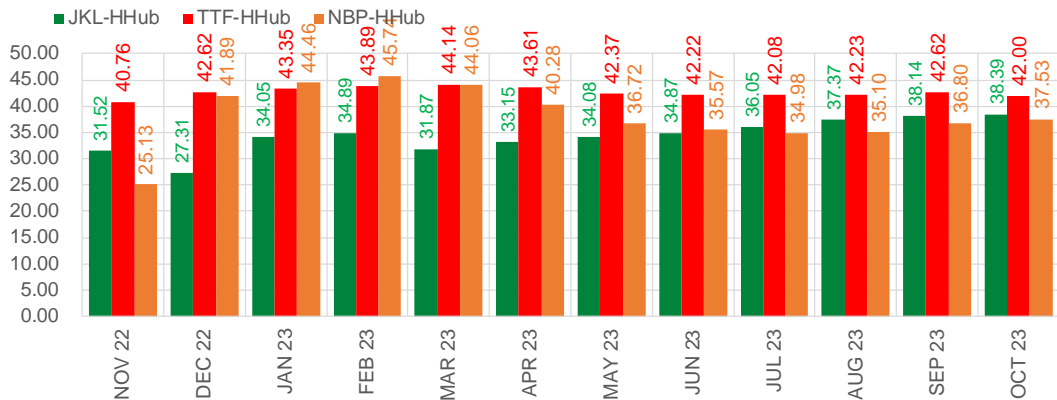
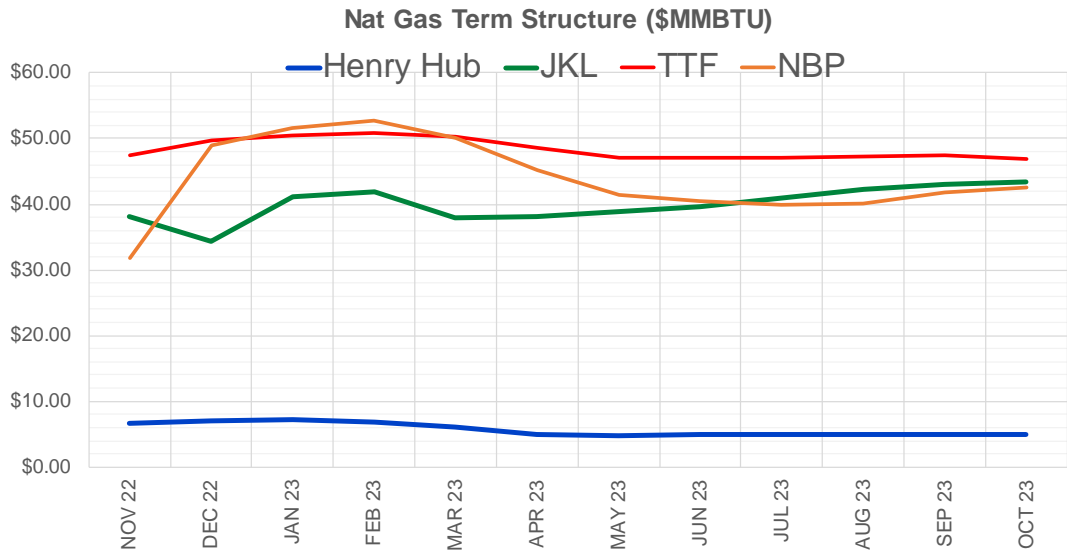


	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Current Price	\$6.470	\$6.803	\$6.989	\$6.715	\$5.945	\$4.840	\$4.735	\$4.805	\$4.875	\$4.886	\$4.854	\$4.929
Last Week	\$6.903	\$7.014	\$7.235	\$7.398	\$7.069	\$6.147	\$4.975	\$4.868	\$4.933	\$5.000	\$5.011	\$4.985
vs. Last Week	-\$0.433	-\$0.211	-\$0.246	-\$0.683	-\$1.124	-\$1.307	-\$0.240	-\$0.063	-\$0.058	-\$0.114	-\$0.157	-\$0.056
4 Weeks Ago	\$8.786	\$8.850	\$8.997	\$9.078	\$8.731	\$7.456	\$5.890	\$5.733	\$5.786	\$5.842	\$5.856	\$5.842
vs. 4 Weeks Ago	-\$2.316	-\$2.047	-\$2.008	-\$2.363	-\$2.786	-\$2.616	-\$1.155	-\$0.928	-\$0.911	-\$0.956	-\$1.002	-\$0.913
Last Year	\$5.766	\$5.906	\$5.999	\$5.888	\$5.505	\$4.042	\$3.880	\$3.911	\$3.950	\$3.955	\$3.935	\$3.963
vs. Last Year	\$0.704	\$0.897	\$0.990	\$0.827	\$0.440	\$0.798	\$0.855	\$0.894	\$0.925	\$0.931	\$0.919	\$0.966

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	5.10	4.91	-0.19
TETCO M3	\$/MMBtu	5.21	4.83	-0.38
FGT Zone 3	\$/MMBtu	5.27	7.16	1.89
Zone 6 NY	\$/MMBtu	5.27	4.36	-0.91
Chicago Citygate	\$/MMBtu	5.25	5.49	0.24
Michcon	\$/MMBtu	5.32	5.59	0.27
Columbia TCO Pool	\$/MMBtu	5.23	4.66	-0.57
Ventura	\$/MMBtu	5.18	5.61	0.43
Rockies/Opal	\$/MMBtu	5.07	5.40	0.33
El Paso Permian Basin	\$/MMBtu	3.16	3.89	0.73
Socal Citygate	\$/MMBtu	7.65	6.13	-1.52
Malin	\$/MMBtu	5.20	5.80	0.60
Houston Ship Channel	\$/MMBtu	5.08	5.45	0.37
Henry Hub Cash	\$/MMBtu	5.41	5.41	0.00
AECO Cash	C\$/GJ	4.16	3.19	-0.97
Station2 Cash	C\$/GJ	0.21	5.57	5.36
Dawn Cash	C\$/GJ	5.25	5.75	0.50

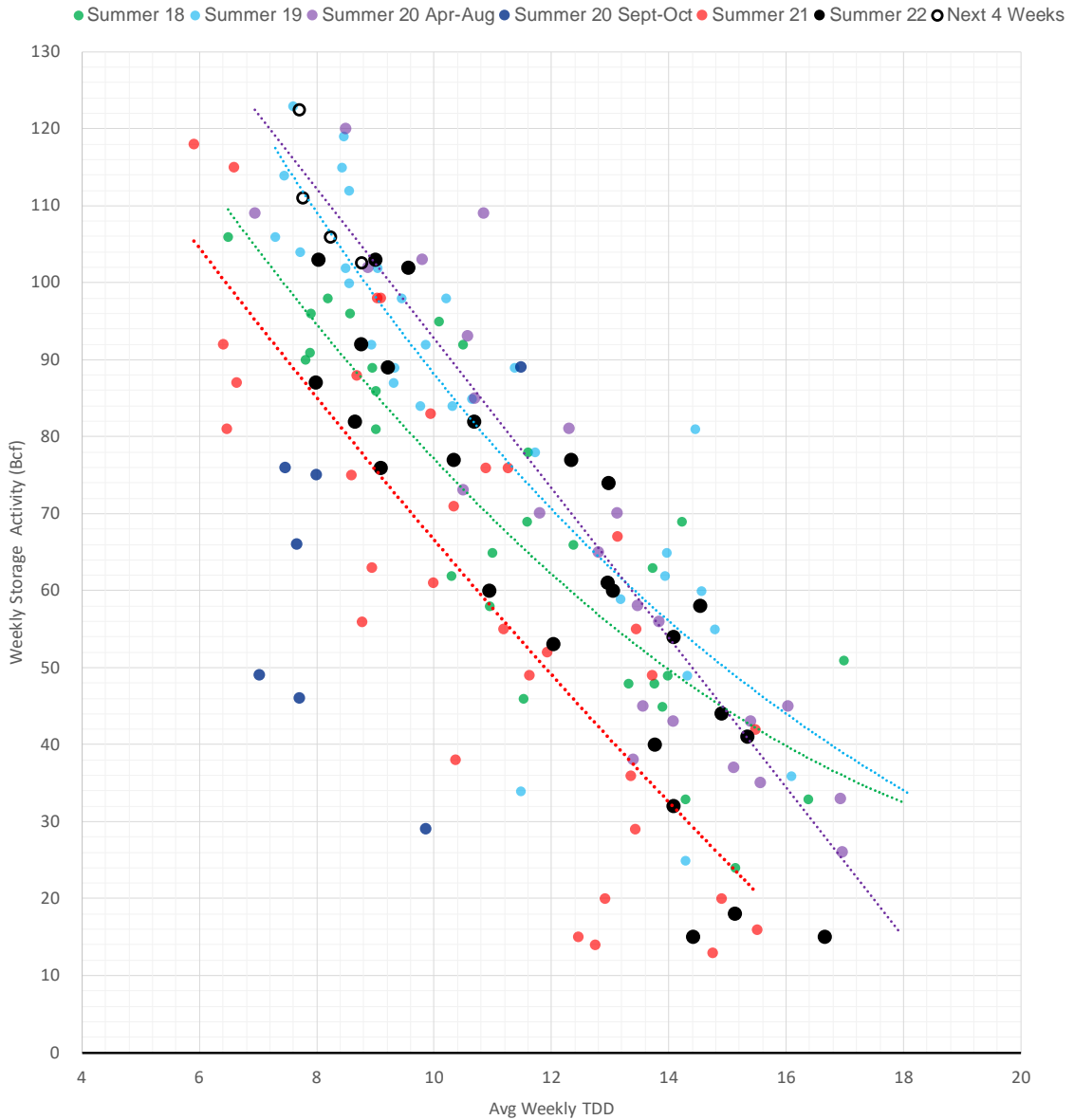
Source: CME, Bloomberg

	Units	Current Price	vs. Last Week	vs. 4 Weeks 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	▼ -0.110
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.498
NatGas Apr22/Oct22	\$/MMBtu	1.532	▲ 0.217	▼ -1.277	▲ 1.640
WTI Crude	\$/Bbl	86.52	▲ 8.020	▼ -0.360	▲ 7.590
Brent Crude	\$/Bbl	91.80	▲ 5.530	▼ -1.030	▲ 9.240
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	353.58	▲ 27.590	▼ -3.800	▲ 104.220
Propane, Mt. Bel	cents/Gallon	0.88	▼ -0.115	▼ -0.209	▼ -0.636
Ethane, Mt. Bel	cents/Gallon	0.40	▼ -0.058	▼ -0.139	▼ -0.060
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			

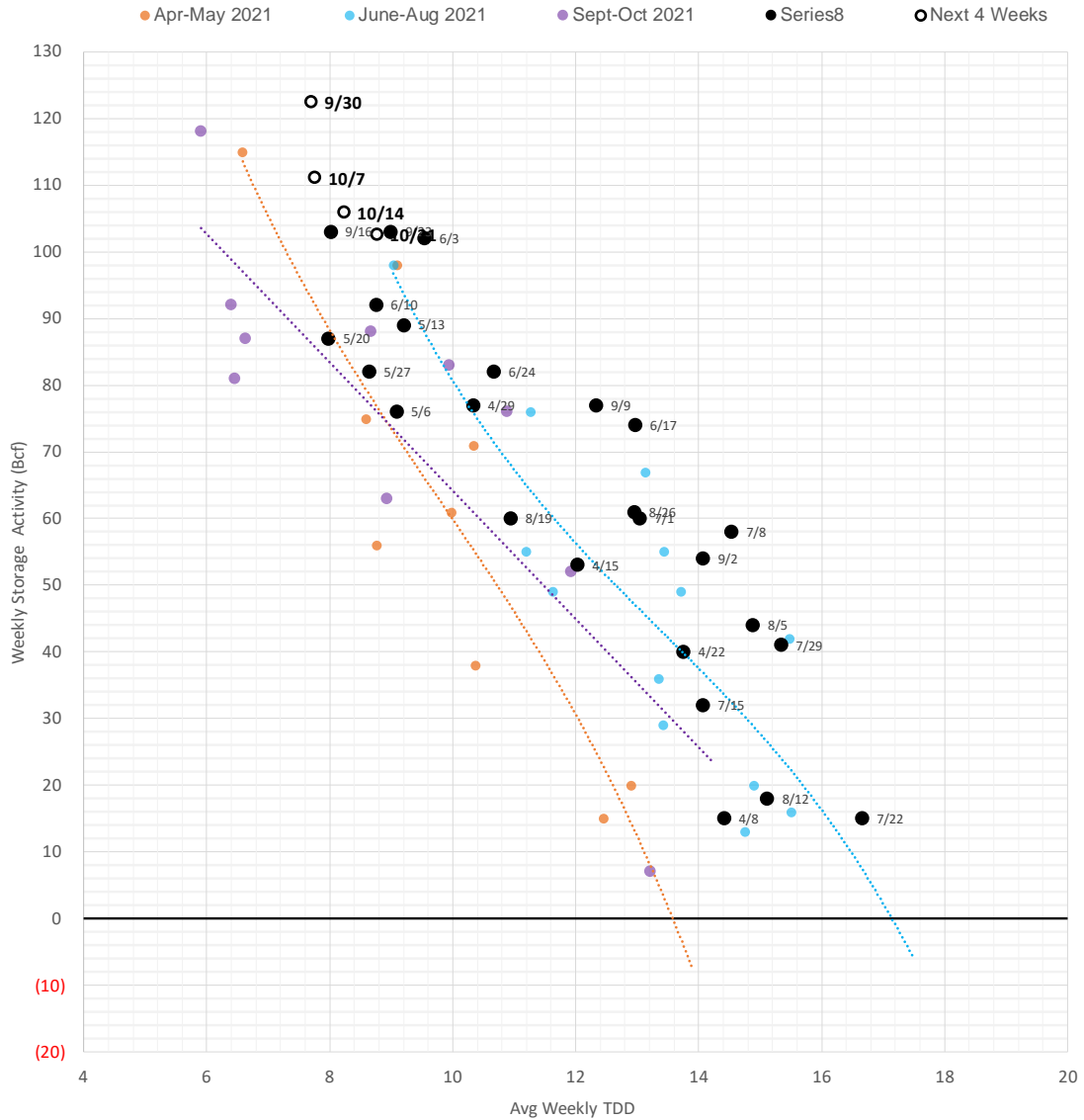


	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23	OCT 23
Henry Hub	\$6.674	\$7.020	\$7.167	\$6.907	\$6.106	\$4.883	\$4.762	\$4.859	\$4.927	\$4.946	\$4.925	\$4.968
JKL	\$38.195	\$34.330	\$41.215	\$41.800	\$37.975	\$38.030	\$38.840	\$39.725	\$40.975	\$42.315	\$43.065	\$43.360
JKL-HHHub	\$31.521	\$27.310	\$34.048	\$34.893	\$31.869	\$33.147	\$34.078	\$34.866	\$36.048	\$37.369	\$38.140	\$38.392
TTF	\$47.431	\$49.644	\$50.516	\$50.798	\$50.243	\$48.495	\$47.132	\$47.078	\$47.010	\$47.175	\$47.549	\$46.965
TTF-HHHub	\$40.757	\$42.624	\$43.349	\$43.891	\$44.137	\$43.612	\$42.370	\$42.219	\$42.083	\$42.229	\$42.624	\$41.997
NBP	\$31.807	\$48.907	\$51.628	\$52.648	\$50.165	\$45.164	\$41.484	\$40.428	\$39.902	\$40.041	\$41.726	\$42.501
NBP-HHHub	\$25.133	\$41.887	\$44.461	\$45.741	\$44.059	\$40.281	\$36.722	\$35.569	\$34.975	\$35.095	\$36.801	\$37.533

Weather Storage Model - Next 4 Week Forecast



Weather Storage Model - Next 4 Week Forecast



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