

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 4.88	▼ \$ (0.08)	▼ \$ (0.47)

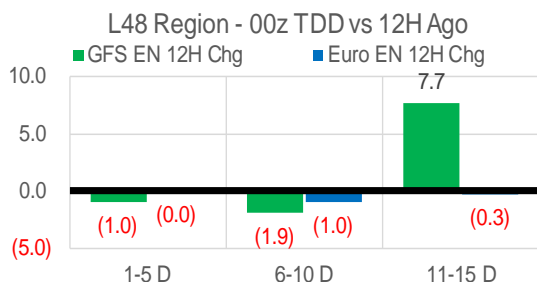
	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 83.94	▼ \$ (1.11)	▼ \$ (1.1)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 92.66	▼ \$ (0.84)	▲ \$ 0.2

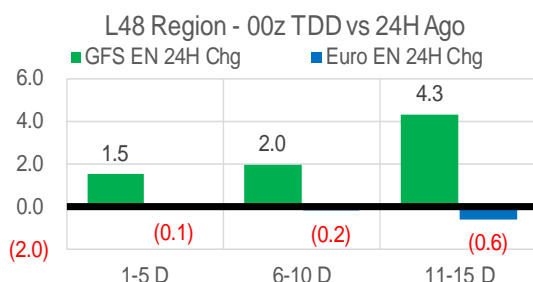
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- [Supply – Demand Trends](#)
- [Nat Gas Options Volume and Open Interest](#)
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- [Price Summary](#)

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	101.2	▼ -0.12	▲ 0.36

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	28.6	▲ 1.56	▼ -1.46

	Current	Δ from YD	Δ from 7D Avg
US ResComm	13.2	▼ -0.48	▼ -7.09

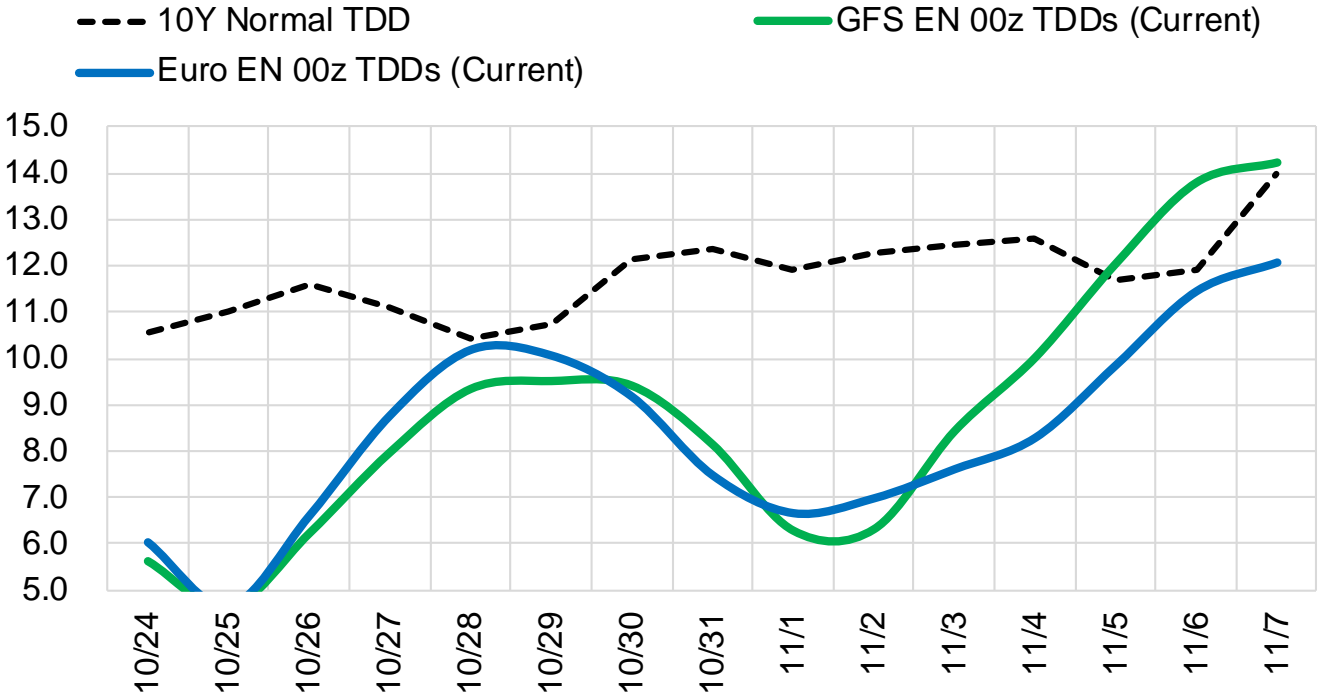
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.3	▲ 0.19	▼ -0.53

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	11.3	▲ 0.07	▼ -0.32

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.1	▲ 0.02	▼ -0.35

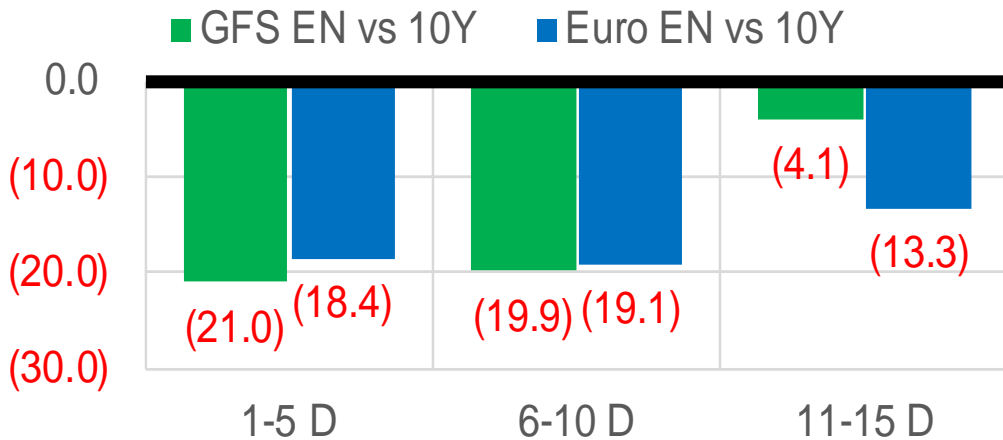
Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal

L48 Region - 00z TDD vs 10Y Normal



Source: WSI, Bloomberg

Lower 48 Component Models

Daily Balances

	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct	DoD	vs. 7D
Lower 48 Dry Production	100.3	100.5	99.9	101.3	101.2	101.3	101.2	▼ -0.1	▲ 0.5
Canadian Imports	6.4	6.2	5.9	5.5	5.4	5.1	5.3	▲ 0.2	▼ -0.5
L48 Power	32.9	32.2	31.4	29.1	26.1	27.1	28.6	▲ 1.6	▼ -1.2
L48 Residential & Commercial	27.0	27.5	22.9	16.7	12.9	13.7	13.2	▼ -0.5	▼ -6.9
L48 Industrial	19.3	20.2	20.8	21.2	21.8	22.5	22.9	▲ 0.4	▲ 2.0
L48 Lease and Plant Fuel	5.6	5.6	5.6	5.7	5.7	5.7	5.6	▼ -0.1	▲ 0.0
L48 Pipeline Distribution	3.7	3.7	3.4	2.8	2.4	2.5	2.6	▲ 0.1	▼ -0.5
L48 Regional Gas Consumption	88.5	89.2	84.1	75.4	68.8	71.4	72.9	▲ 1.5	▼ -6.6
Net LNG Delivered	11.59	11.89	11.75	11.41	11.37	11.18	11.26	▲ 0.1	▼ -0.3
Total Mexican Exports	6.7	6.6	6.5	6.6	6.2	6.1	6.1	▲ 0.0	▼ -0.4
Implied Daily Storage Activity	-0.1	-1.1	3.5	13.3	20.1	17.7	16.2		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	LY				LW	Current		
	22-Oct	23-Sep	30-Sep	7-Oct	14-Oct	21-Oct	WoW	vs. LY
Lower 48 Dry Production	95.1	100.6	101.4	102.2	101.9	100.3	▼ -1.5	▲ 5.2
Canadian Imports	5.6	6.1	6.2	6.0	5.5	6.1	▲ 0.5	▲ 0.5
L48 Power	29.2	37.0	31.6	30.6	30.7	30.8	▲ 0.1	1.6
L48 Residential & Commercial	13.4	8.2	11.9	13.0	14.8	21.0	▲ 6.2	7.6
L48 Industrial	20.7	21.3	20.0	20.9	20.2	19.8	▼ -0.4	-0.9
L48 Lease and Plant Fuel	5.3	5.6	5.6	5.7	5.7	5.6	▼ -0.1	0.3
L48 Pipeline Distribution	2.6	2.8	2.7	2.7	2.8	3.2	▲ 0.4	0.6
L48 Regional Gas Consumption	71.3	74.9	71.8	72.9	74.3	80.5	▲ 6.2	▲ 9.2
Net LNG Exports	10.8	11.5	11.8	11.0	11.0	11.5	▲ 0.5	▲ 0.7
Total Mexican Exports	6.6	6.6	6.9	6.7	6.6	6.5	▼ -0.1	▼ -0.1
Implied Daily Storage Activity	12.0	13.8	17.1	17.6	15.6	7.9	-7.6	-4.1
EIA Reported Daily Storage Activity	12.4	14.7	18.4	17.9	15.9			
Daily Model Error	-0.4	-0.9	-1.3	-0.3	-0.3			

Monthly Balances

	2Yr Ago	LY					MTD		
	Oct-20	Oct-21	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	MoM	vs. LY
Lower 48 Dry Production	88.5	95.5	97.3	97.7	98.9	100.9	101.4	▲ 0.5	▲ 5.9
Canadian Imports	4.3	5.4	5.7	5.9	5.4	5.9	5.8	▼ -0.2	▲ 0.4
L48 Power	30.6	30.4	38.3	44.3	43.1	36.9	30.3	▼ -6.5	▼ -0.1
L48 Residential & Commercial	15.5	12.6	8.9	8.3	8.0	9.0	16.2	▲ 7.2	▲ 3.6
L48 Industrial	22.7	21.7	19.1	19.8	21.1	20.9	20.3	▼ -0.7	▼ -1.4
L48 Lease and Plant Fuel	4.8	5.3	5.5	5.5	5.5	5.6	5.7	▲ 0.1	▲ 0.3
L48 Pipeline Distribution	2.5	2.7	2.9	3.1	3.0	2.8	2.9	▲ 0.0	▲ 0.2
L48 Regional Gas Consumption	76.1	72.7	74.6	81.0	80.8	75.2	75.3	▲ 0.1	▲ 2.7
Net LNG Exports	8.0	10.6	11.2	10.9	11.0	11.5	11.1	▼ -0.4	▲ 0.5
Total Mexican Exports	6.0	6.6	7.1	7.0	6.9	6.7	6.5	▼ -0.2	▼ -0.1
Implied Daily Storage Activity	2.7	11.0	10.0	4.7	5.7	13.5	14.2		
EIA Reported Daily Storage Activity									
Daily Model Error					0.0				

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	DoD	vs. 7D
NRC Nuclear Daily Output	73.8	73.4	74.0	74.5	74.4	74.0	74.0	0.0	0.0
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	31.0	31.4	30.8	30.4	30.5	30.8	30.8	0.0	0.0
NRC % Nuclear Cap Utilization	75.1	74.7	75.3	75.7	75.6	75.3	75.3	0.0	0.0

Wind Generation Daily Average - MWh (EIA)

	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	DoD	vs. 7D
CALI Wind	1665	380	476	573	284	1524	3487	1963	2670
TEXAS Wind	12443	10262	4803	6001	9348	9091	9091	0	433
US Wind	51464	49288	35434	33925	42116	56085	56203	118	11484

Generation Daily Average - MWh (EIA)

	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	DoD	vs. 7D
US Wind	51464	49288	35434	33925	42116	56085	56203	118	11484
US Solar	12594	11681	13707	15249	15296	15787	10663	-5124	-3390
US Petroleum	901	990	910	898	1005	913	914	1	-22
US Other	13788	12591	9876	10056	10337	9575	8719	-855	-2318
US Coal	74091	78193	85091	87465	83272	73910	56725	-17184	-23612
US Nuke	74566	74489	77722	78233	78022	77434	73272	-4162	-3472
US Hydro	17217	17006	19770	21197	20740	18896	17931	-965	-1207
US Gas	144388	161470	171064	171879	168802	156545	119905	-36639	-42453

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	22-Oct	23-Sep	30-Sep	7-Oct	14-Oct	21-Oct	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	73.6	86.7	84.9	80.5	76.2	74.4	-1.8	0.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	31.2	18.1	20.0	24.4	28.7	30.5	1.8	
NRC % Nuclear Cap Utilization	74.9	88.2	86.4	81.9	77.5	75.6	-1.8	

Wind Generation Weekly Average - MWh (EIA)

	22-Oct	23-Sep	30-Sep	7-Oct	14-Oct	21-Oct	WoW	WoW Bcf/d Impact
CALI Wind	1270	1941	1208	1370	1086	944	-142	0.0
TEXAS Wind	10729	11580	8083	6160	7842	9710	1868	-0.3
US Wind	45986	47953	40606	32707	41063	45156	4093	-0.8
							10%	
						0.2		

Generation Weekly Average - MWh (EIA)

	22-Oct	23-Sep	30-Sep	7-Oct	14-Oct	21-Oct	WoW	WoW Bcf/d Impact
					LY	Current		
US Wind	45986	47953	40606	32707	41063	45156	4093	-0.8
US Solar	12232	17177	16636	15452	14456	14125	-331	0.1
US Petroleum	910	1010	379	664	842	957	115	0.0
US Other	12153	10719	11165	10786	11233	11580	347	-0.1
US Coal	77017	92461	77592	75016	76249	79496	3247	-0.6
US Nuke	74358	89303	86665	84500	77235	76450	-785	0.1
US Hydro	23386	23537	23101	21913	19992	18999	-993	0.2
US Gas	153578	197537	171876	171099	170169	161249	-8920	-1.7

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		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22			
	NRC Nuclear Daily Output	78.5	78.4	90.6	90.5	86.2			
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	26.4	26.5	14.3	14.3	18.7	28.5	27.1	9.9	0.6
NRC % Nuclear Cap Utilization	79.8	79.7	92.1	92.1	87.7	77.6	79.1	-10.0	-0.6

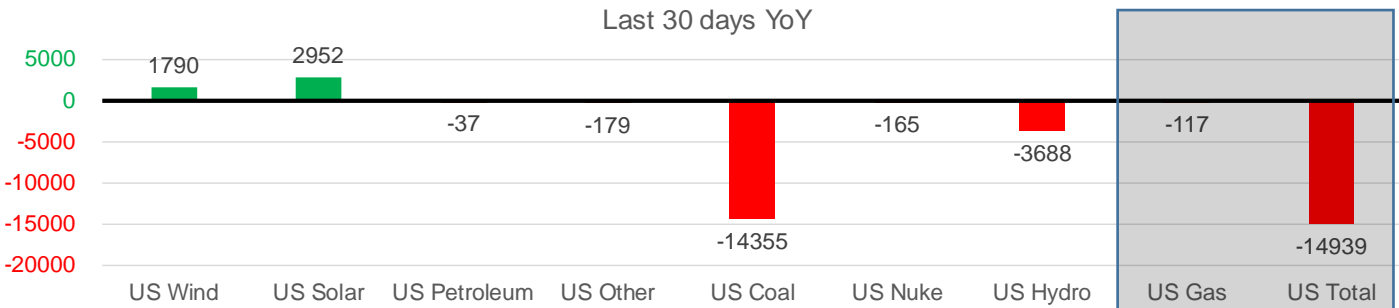
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22			
	CALI Wind	1427	1962	2719	2028	1608			
TEXAS Wind	10332	10642	11765	8440	7993	8097	8019	104	-2623
US Wind	41265	40217	39701	33222	38117	42136	42007	4018	1790

Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22			
	US Wind	41265	40217	39701	33222	38117			
US Solar	8853	11599	18617	16964	16163	14195	14552	▲ 356.2	▲ 2952
US Petroleum	875	786	1252	1253	864	850	749	▼ -100	▼ -37
US Other	8098	11138	10156	10543	10467	10836	10959	▲ 122	▼ -179
US Coal	76438	89109	119788	117203	92002	74371	74753	▲ 382	▼ -14355
US Nuke	81783	79890	92907	92976	89057	77683	79724	▲ 2041	▼ -165
US Hydro	25068	24271	34227	30121	25202	19760	20583	▲ 823	▼ -3688
US Gas	165319	163296	235850	233743	199958	160976	163179	▲ 3496	▼ -117
US Total	405960	420209	551971	535702	470459	400768	405270	▲ 7120	▼ -14939

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

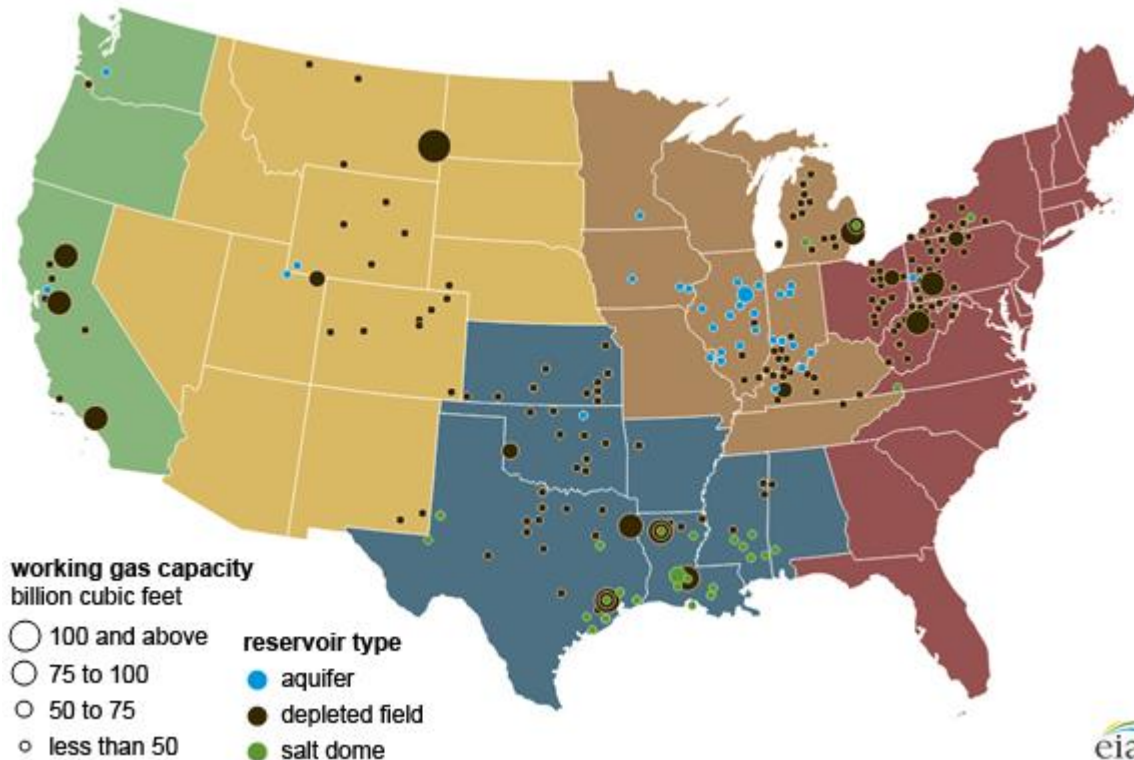
Regional S/D Models Storage Projection

Week Ending 21-Oct

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	9.0	-0.6	8.4	59
East	-1.0	2.8	1.8	13
Midwest	2.1	0.8	3.0	21
Mountain	4.7	-4.2	0.4	3
South Central	2.8	0.5	3.3	23
Pacific	0.4	-0.5	0.0	0

*Adjustment Factor is calculated based on historical regional deltas

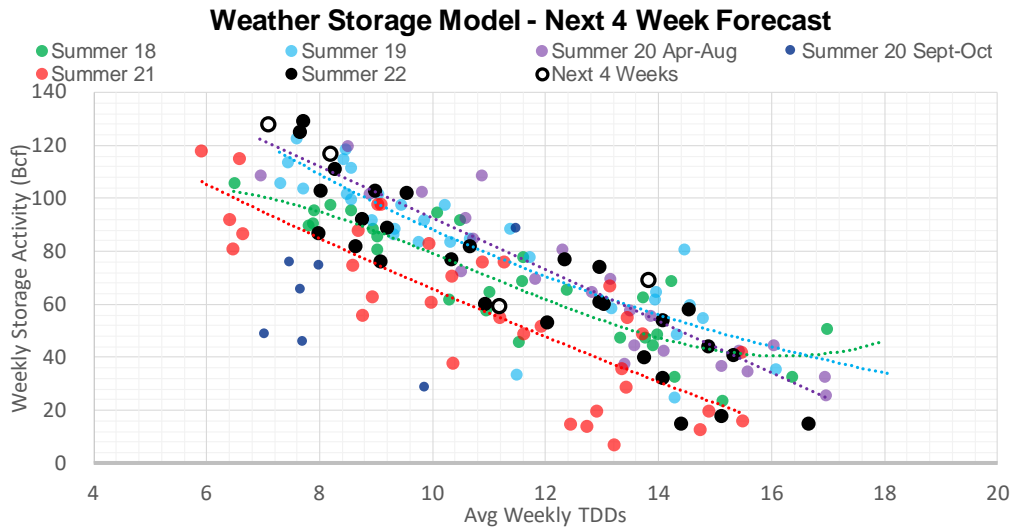
U.S. underground natural gas storage facilities by type (July 2015)



Weather Model Storage Projection

Next report
and beyond

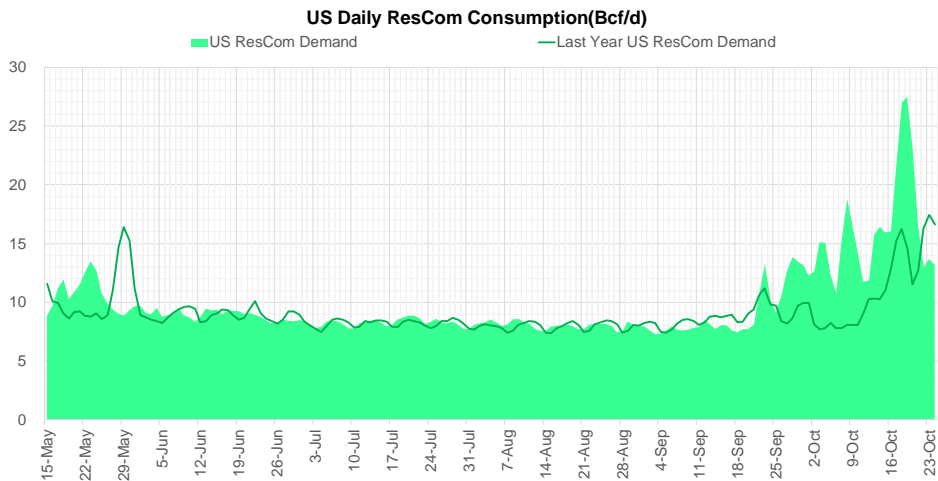
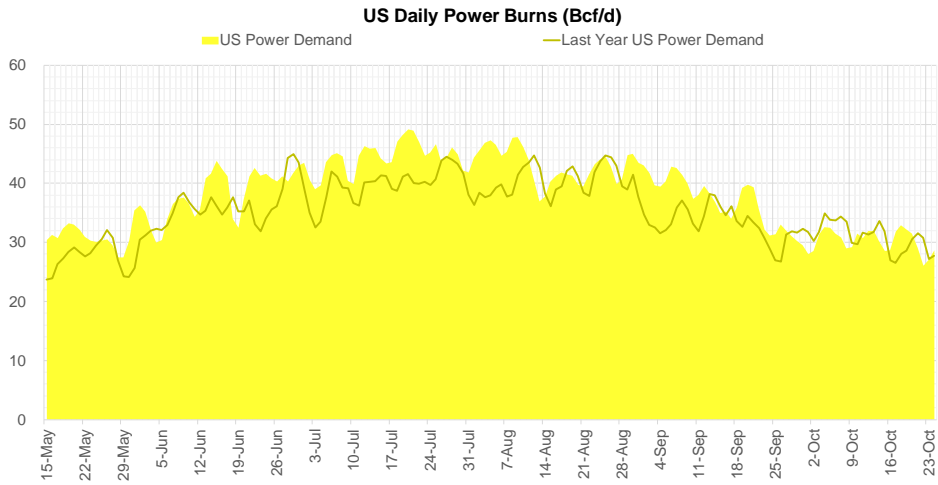
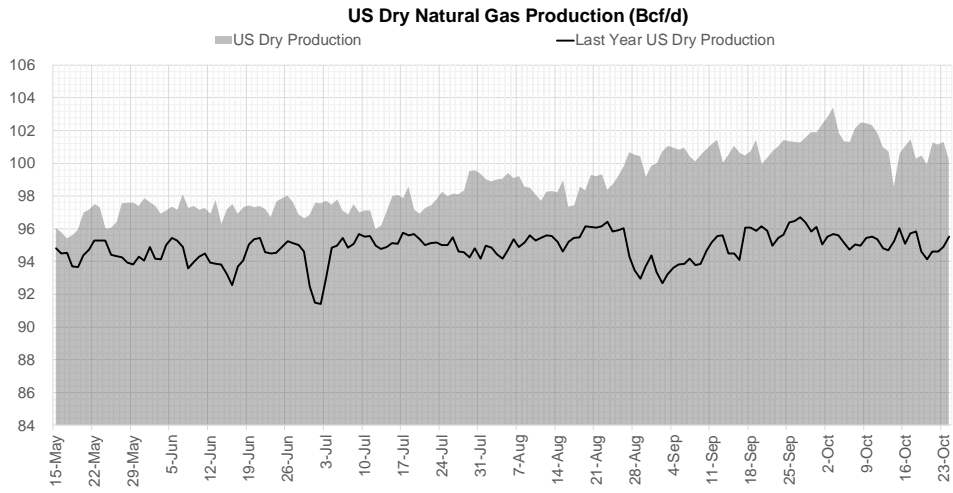
Week Ending	GWDDs	Week Storage Projection
21-Oct	11.2	59
28-Oct	7.1	128
04-Nov	8.2	117
11-Nov	13.8	69



Go to larger image



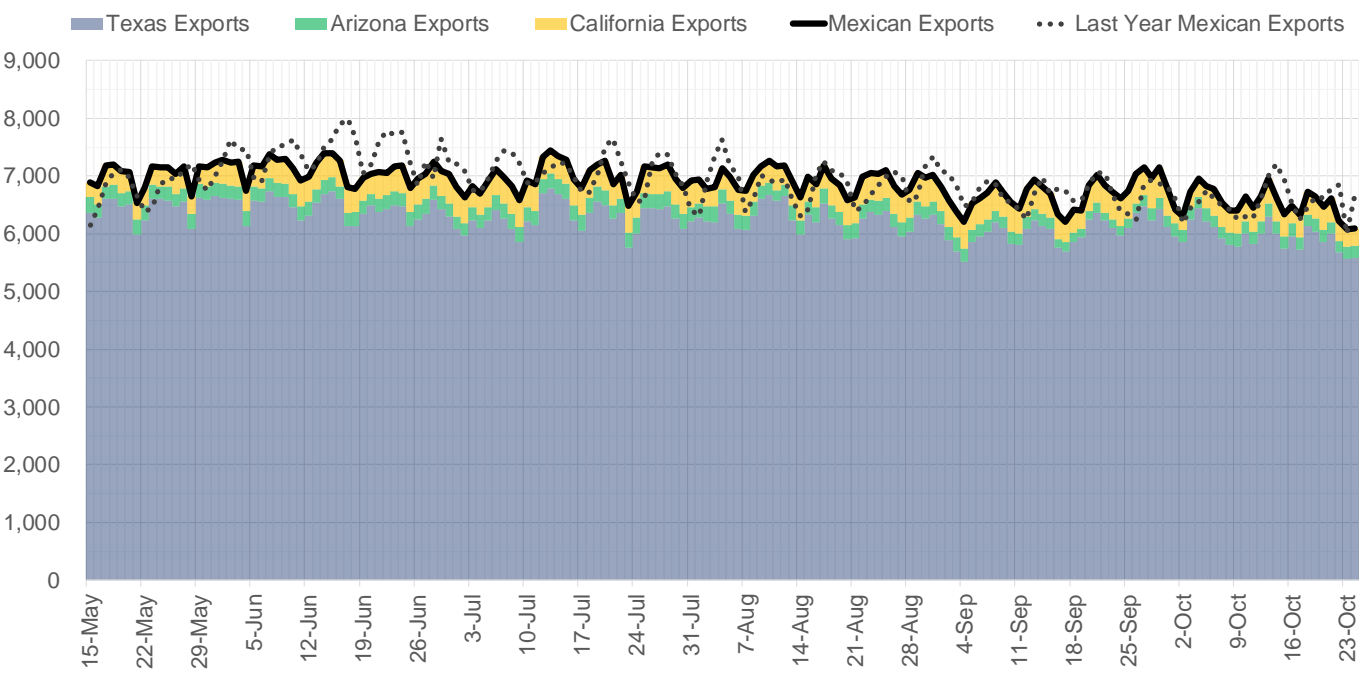
Supply – Demand Trends



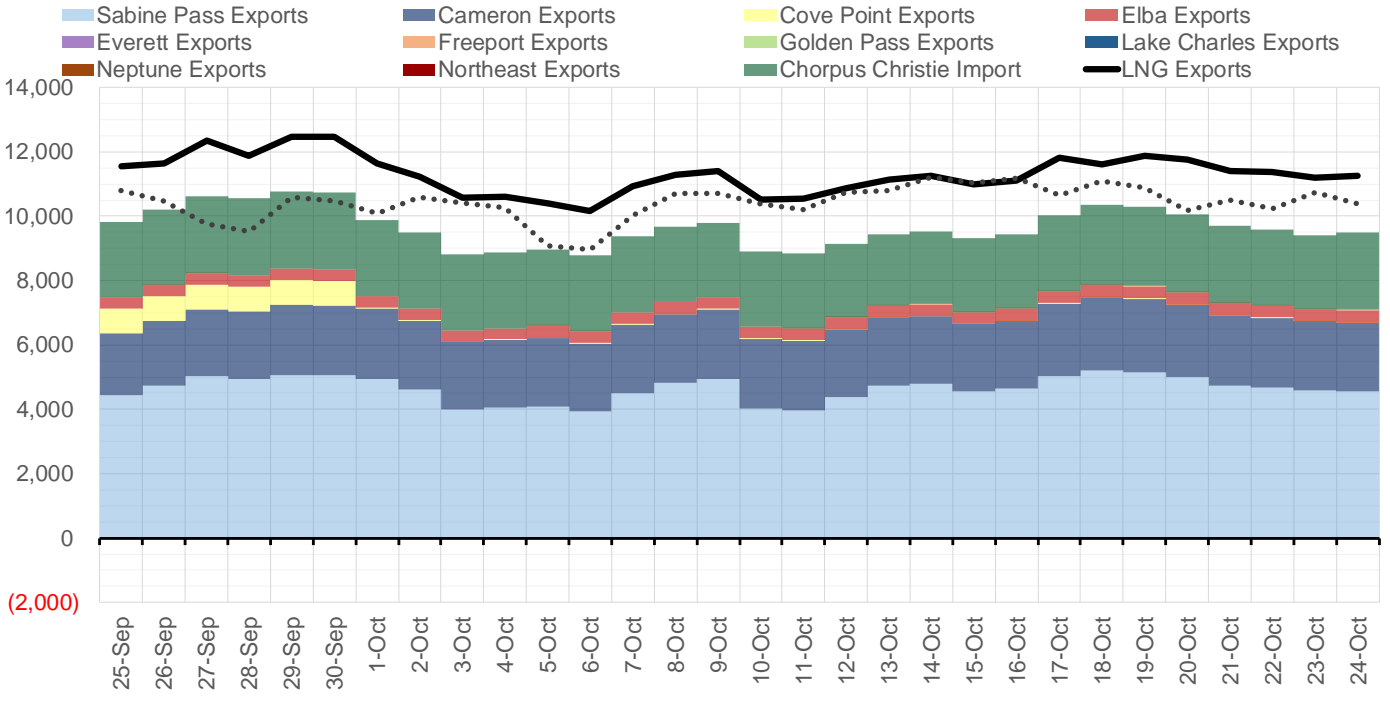
Source: Bloomberg

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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

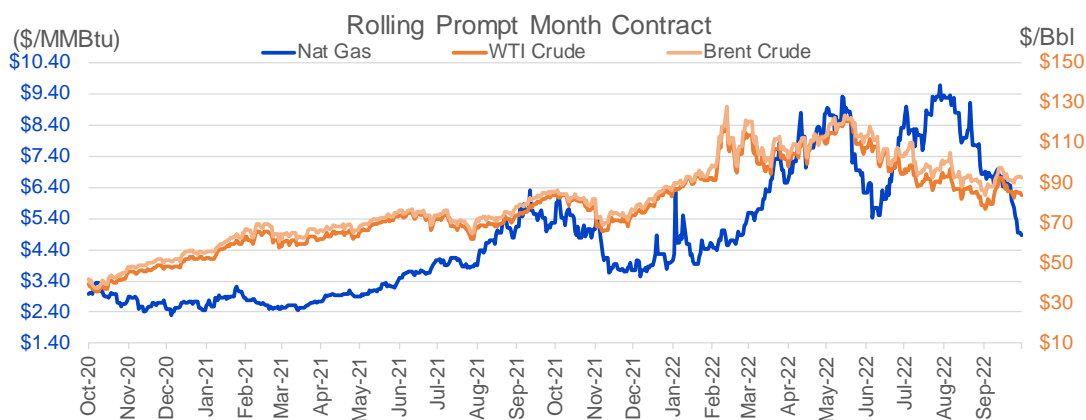
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
11	2022	P	4.00	6687	12	2022	P	5.00	28035
4	2023	P	2.00	4450	12	2022	P	4.00	27732
5	2023	P	2.00	4450	5	2023	P	2.00	27384
6	2023	P	2.00	4450	11	2022	P	4.00	27368
7	2023	P	2.00	4450	11	2022	C	10.00	26917
8	2023	P	2.00	4450	12	2022	P	6.00	24587
9	2023	P	2.00	4450	11	2022	P	6.00	24566
10	2023	P	2.00	4450	3	2023	C	10.00	23665
12	2022	P	4.50	4054	4	2023	P	3.00	22593
11	2022	P	4.25	3754	10	2023	P	3.00	22489
11	2022	P	5.00	3543	1	2023	C	10.00	21266
11	2022	P	4.75	3247	11	2022	P	5.00	20761
11	2022	C	5.50	3047	2	2023	C	10.00	19978
2	2023	C	8.00	2909	11	2022	C	8.00	19911
12	2022	P	4.00	2817	3	2023	P	4.00	19734
11	2022	P	4.50	2698	4	2023	P	2.00	19544
10	2023	P	3.00	2550	4	2023	P	3.50	19524
12	2022	C	5.50	2505	10	2023	P	4.00	19161
4	2023	C	5.50	2500	3	2023	C	20.00	19032
1	2023	P	4.50	2404	10	2023	P	2.00	18980
11	2022	C	6.25	2356	1	2023	P	4.00	18923
11	2022	C	5.25	2301	10	2023	P	2.50	18650
4	2023	P	2.50	2300	11	2022	P	5.50	18441
11	2022	C	6.50	2293	3	2023	P	3.00	18300
1	2023	P	4.00	2178	5	2023	P	3.00	18288
11	2022	C	6.00	2058	12	2022	C	5.00	18224
2	2023	C	9.00	2002	6	2023	P	3.00	18035
5	2023	P	2.50	2000	11	2022	C	6.50	18003
6	2023	P	2.50	2000	12	2022	C	10.00	17986
7	2023	P	2.50	2000	11	2022	C	12.00	17512
8	2023	P	2.50	2000	4	2023	P	4.00	17378
9	2023	P	2.50	2000	9	2023	P	4.00	17161
10	2023	P	2.50	2000	5	2023	P	3.50	17094
12	2022	P	5.00	1978	1	2023	P	5.00	16550
11	2022	C	5.75	1880	3	2023	P	2.75	16470
12	2022	C	6.50	1868	8	2023	P	3.00	16406
12	2022	P	5.50	1803	6	2023	P	3.50	16359
2	2023	P	5.00	1716	7	2023	P	3.00	16305
1	2023	P	5.50	1617	9	2023	P	3.00	16305
12	2022	P	3.50	1528	10	2023	P	3.50	16213
4	2023	P	3.00	1450	12	2022	C	4.00	16195
2	2023	P	4.00	1445	8	2023	P	3.50	16151
2	2023	P	4.50	1421	7	2023	P	3.50	16119
12	2022	C	8.00	1418	9	2023	P	3.50	16109
7	2023	P	3.00	1400	6	2023	P	2.00	16051
8	2023	P	3.00	1400	12	2022	P	5.50	16047
9	2023	P	3.00	1400	6	2023	P	4.00	15916
3	2023	P	4.00	1361	11	2022	P	6.50	15853
5	2023	P	3.00	1350	11	2022	C	4.00	15755
					7	2023	P	4	15749

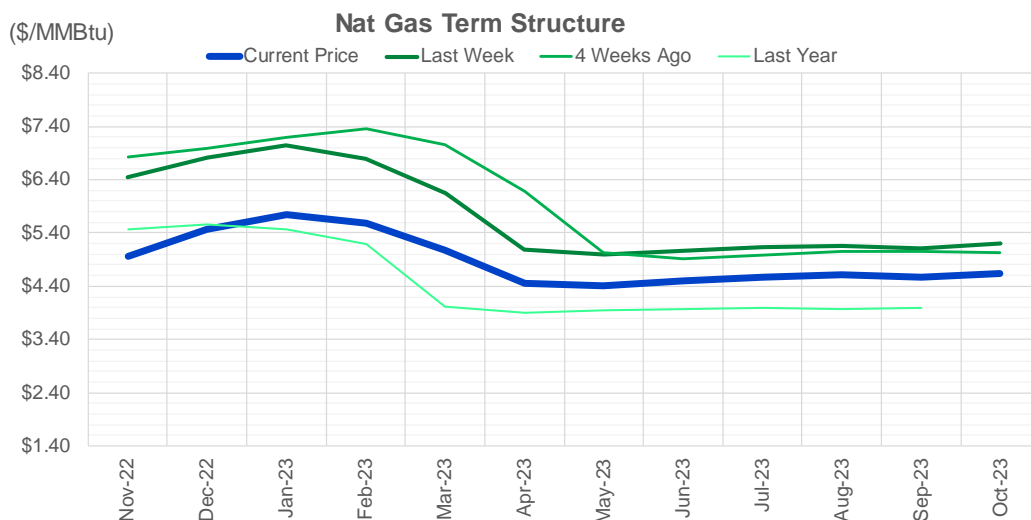
Source: CME, ICE

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	30198	38328	-8130	NOV 22	74618	74413	205
DEC 22	96277	91599	4678	DEC 22	78492	78277	215
JAN 23	135990	131150	4840	JAN 23	72452	72910	-458
FEB 23	54344	54196	148	FEB 23	66765	67024	-259
MAR 23	93041	92563	478	MAR 23	59988	60017	-30
APR 23	76027	76960	-933	APR 23	56135	55981	154
MAY 23	85210	84890	320	MAY 23	58116	57374	742
JUN 23	23821	24407	-586	JUN 23	48464	47830	634
JUL 23	31359	30991	368	JUL 23	48486	48093	393
AUG 23	21295	21217	78	AUG 23	46685	46133	552
SEP 23	29684	29466	218	SEP 23	44367	43654	713
OCT 23	51755	52435	-680	OCT 23	56126	56908	-782
NOV 23	23516	23420	96	NOV 23	47540	47856	-316
DEC 23	27215	26623	592	DEC 23	40738	40562	176
JAN 24	35570	34975	595	JAN 24	45905	45326	579
FEB 24	10232	10453	-221	FEB 24	31420	31187	233
MAR 24	21733	21193	540	MAR 24	36797	35654	1143
APR 24	20717	20265	452	APR 24	30611	30524	87
MAY 24	8552	8475	77	MAY 24	28815	28764	51
JUN 24	3242	3217	25	JUN 24	26130	26099	31
JUL 24	4108	4053	55	JUL 24	25553	25554	-1
AUG 24	4017	4020	-3	AUG 24	25267	25280	-13
SEP 24	2532	2489	43	SEP 24	24891	24896	-5
OCT 24	8803	8717	86	OCT 24	29082	28996	86
NOV 24	4921	4916	5	NOV 24	26469	26273	196
DEC 24	8584	8574	10	DEC 24	30389	30185	204
JAN 25	17807	17650	157	JAN 25	23144	23193	-50
FEB 25	1837	1819	18	FEB 25	15686	15651	35
MAR 25	5293	5296	-3	MAR 25	18110	18082	28
APR 25	5419	5421	-2	APR 25	16435	16415	19

Source: CME, ICE



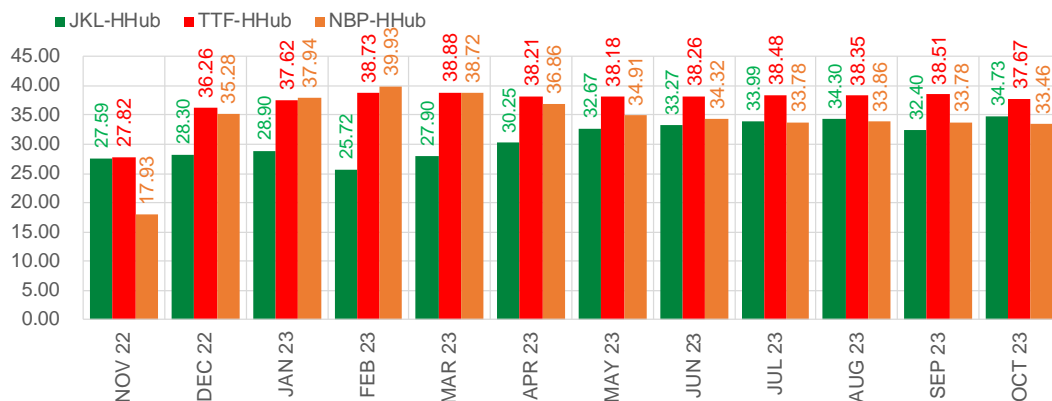
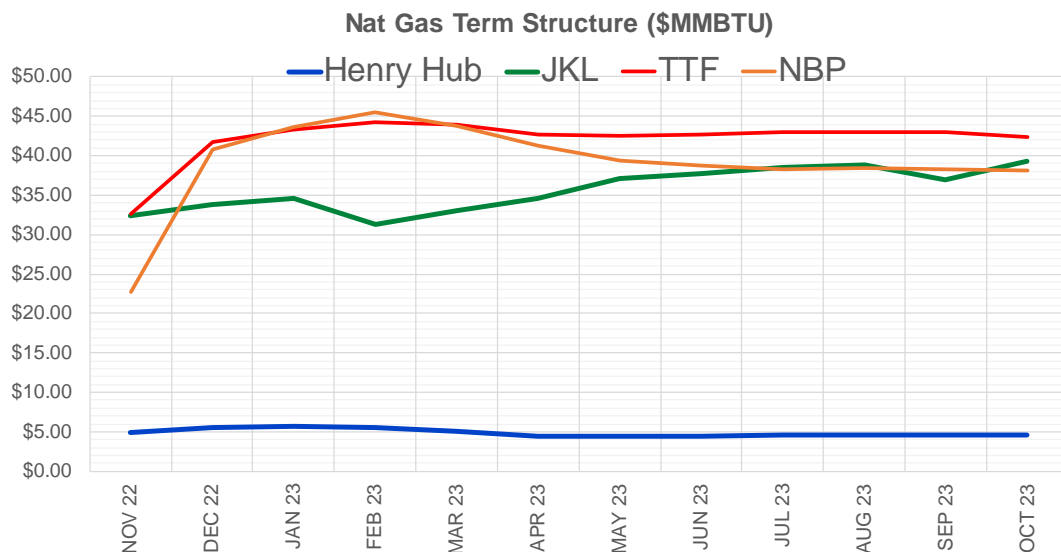


	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Current Price	\$4.959	\$5.472	\$5.754	\$5.587	\$5.086	\$4.448	\$4.417	\$4.494	\$4.579	\$4.604	\$4.574	\$4.648
Last Week	\$6.453	\$6.827	\$7.043	\$6.793	\$6.144	\$5.088	\$4.999	\$5.070	\$5.145	\$5.155	\$5.122	\$5.196
vs. Last Week	-\$1.494	-\$1.355	-\$1.289	-\$1.206	-\$1.058	-\$0.640	-\$0.582	-\$0.576	-\$0.566	-\$0.551	-\$0.548	-\$0.548
4 Weeks Ago	\$6.828	\$6.992	\$7.203	\$7.366	\$7.054	\$6.174	\$5.021	\$4.911	\$4.977	\$5.045	\$5.056	\$5.031
vs. 4 Weeks Ago	-\$1.869	-\$1.520	-\$1.449	-\$1.779	-\$1.968	-\$1.726	-\$0.604	-\$0.417	-\$0.398	-\$0.441	-\$0.482	-\$0.383
Last Year	\$5.280	\$5.461	\$5.565	\$5.473	\$5.187	\$4.012	\$3.904	\$3.940	\$3.980	\$3.984	\$3.965	\$3.996
vs. Last Year	-\$0.321	\$0.011	\$0.189	\$0.114	-\$0.101	\$0.436	\$0.513	\$0.554	\$0.599	\$0.620	\$0.609	\$0.652

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	4.60	9.46	4.86
TETCO M3	\$/MMBtu	3.39	6.11	2.72
FGT Zone 3	\$/MMBtu	3.35	6.83	3.48
Zone 6 NY	\$/MMBtu	3.35	6.24	2.89
Chicago Citygate	\$/MMBtu	3.86	6.05	2.19
Michcon	\$/MMBtu	3.92	5.96	2.04
Columbia TCO Pool	\$/MMBtu	3.75	5.62	1.87
Ventura	\$/MMBtu	3.80	6.29	2.49
Rockies/Opal	\$/MMBtu	3.84	5.81	1.97
El Paso Permian Basin	\$/MMBtu	2.81	2.98	0.17
Socal Citygate	\$/MMBtu	4.12	6.46	2.34
Malin	\$/MMBtu	4.95	6.17	1.22
Houston Ship Channel	\$/MMBtu	3.58	5.71	2.13
Henry Hub Cash	\$/MMBtu	4.84	5.67	0.83
AECO Cash	C\$/GJ	1.31	4.38	3.07
Station2 Cash	C\$/GJ	0.66	6.51	5.85
Dawn Cash	C\$/GJ	4.00	6.03	2.03

Source: CME, Bloomberg

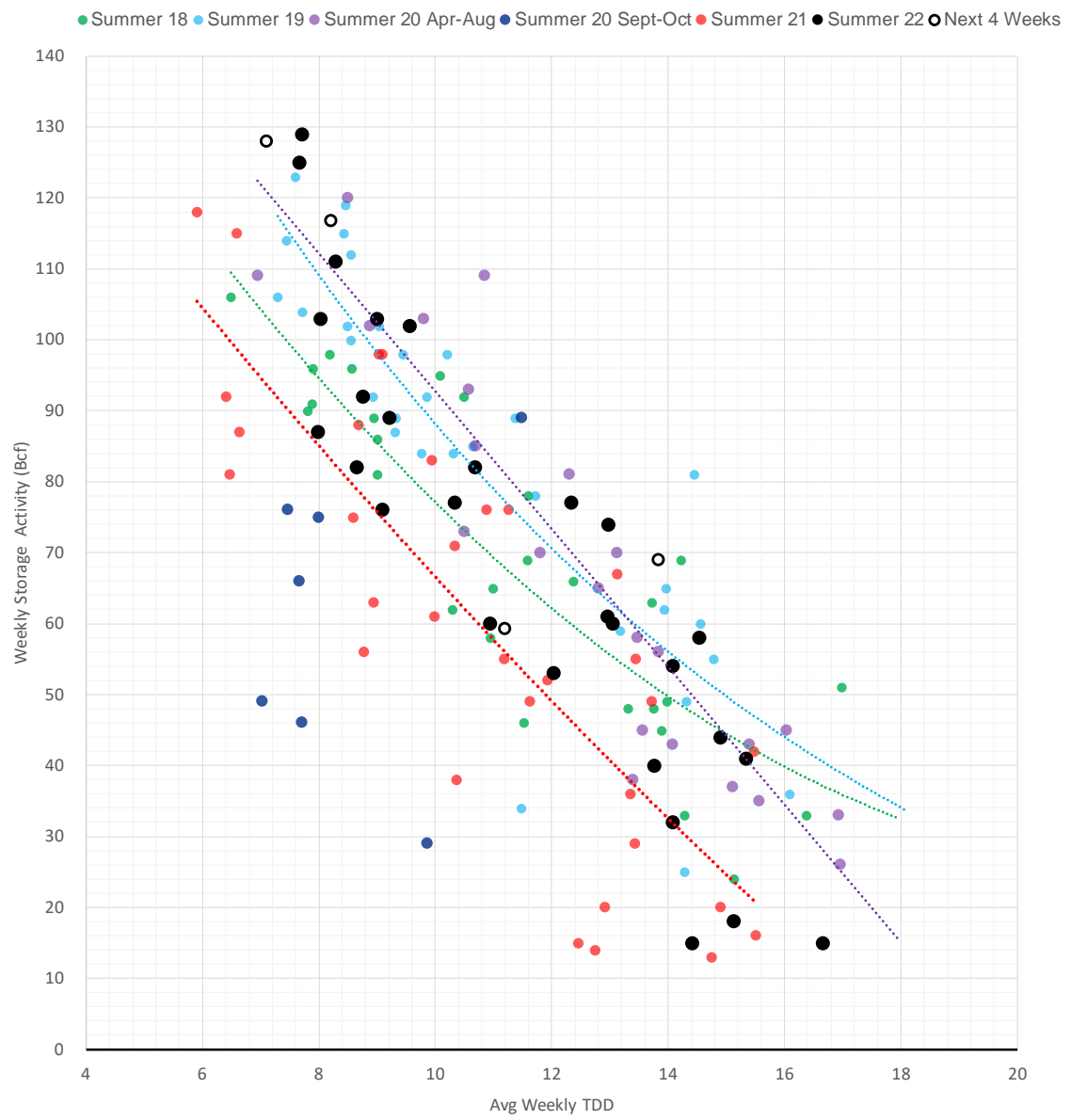
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 0.000
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.922
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -1.541
NatGas Apr22/Oct22	\$/MMBtu	1.532	▲ 0.000	▲ 0.040	▲ 1.548
WTI Crude	\$/Bbl	85.05	▼ -0.560	▲ 6.310	▲ 1.290
Brent Crude	\$/Bbl	93.50	▲ 1.870	▲ 7.350	▲ 7.970
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	383.23	▼ -14.790	▲ 59.520	▲ 129.340
Propane, Mt. Bel	cents/Gallon	0.85	▲ 0.014	▼ -0.148	▼ -0.606
Ethane, Mt. Bel	cents/Gallon	0.40	▼ -0.026	▼ -0.067	▼ -0.032
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			



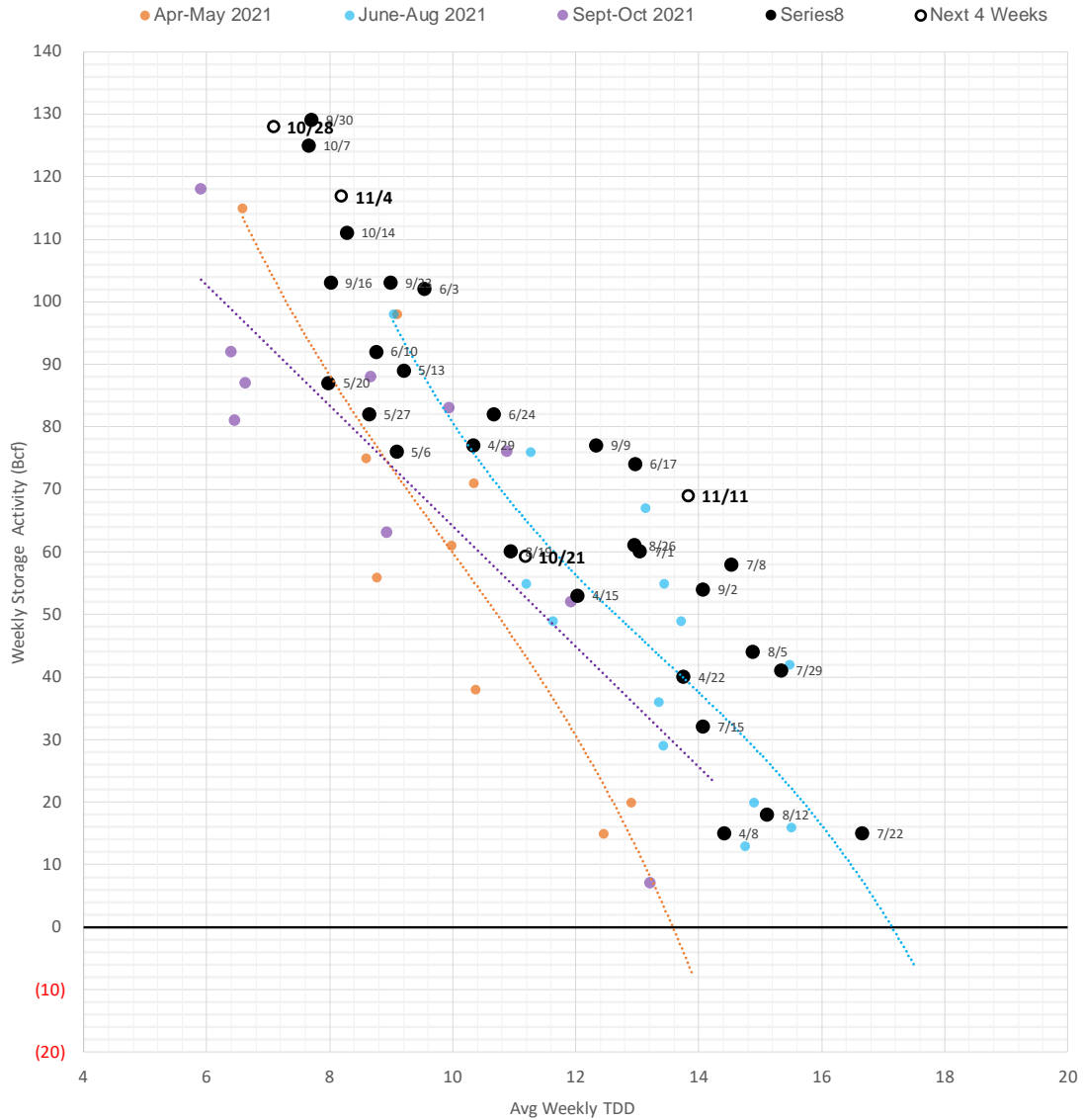
	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23	OCT 23
Henry Hub	\$4.879	\$5.462	\$5.745	\$5.570	\$5.056	\$4.424	\$4.397	\$4.473	\$4.564	\$4.588	\$4.545	\$4.631
JKL	\$32.470	\$33.760	\$34.640	\$31.285	\$32.960	\$34.670	\$37.070	\$37.745	\$38.550	\$38.890	\$36.945	\$39.365
JKL-HHHub	\$27.591	\$28.298	\$28.895	\$25.715	\$27.904	\$30.246	\$32.673	\$33.272	\$33.986	\$34.302	\$32.400	\$34.734
TTF	\$32.697	\$41.719	\$43.368	\$44.300	\$43.932	\$42.637	\$42.572	\$42.729	\$43.041	\$42.938	\$43.053	\$42.305
TTF-HHHub	\$27.818	\$36.257	\$37.623	\$38.730	\$38.876	\$38.213	\$38.175	\$38.256	\$38.477	\$38.350	\$38.508	\$37.674
NBP	\$22.808	\$40.737	\$43.684	\$45.496	\$43.771	\$41.287	\$39.311	\$38.796	\$38.342	\$38.451	\$38.326	\$38.086
NBP-HHHub	\$17.929	\$35.275	\$37.939	\$39.926	\$38.715	\$36.863	\$34.914	\$34.323	\$33.778	\$33.863	\$33.781	\$33.455

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Weather Storage Model - Next 4 Week Forecast



Weather Storage Model - Next 4 Week Forecast



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