

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 6.76	▲ \$ 0.01	▼ \$ (0.02)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 92.16	▼ \$ (0.48)	▲ \$ 3.0

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 97.39	▼ \$ (0.53)	▲ \$ 2.8

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[Lower 48 Component Models](#)

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

[Weather Model Storage Projection](#)

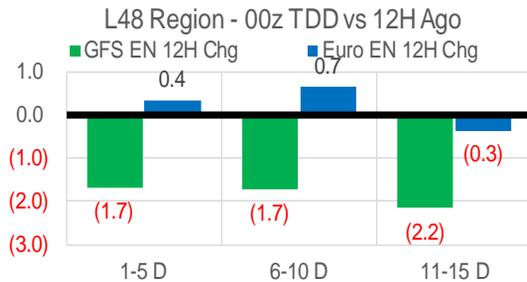
[Supply – Demand Trends](#)

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

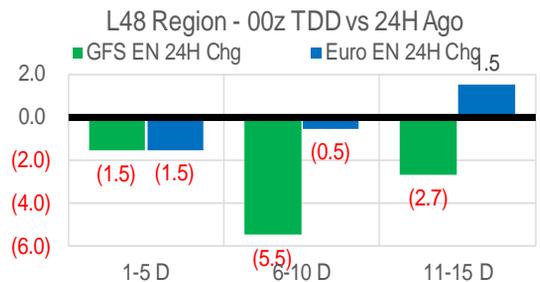
[Nat Gas Futures Open Interest](#)

[Price Summary](#)

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	102.0	▼ -0.71	▼ -0.35

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	30.2	▲ 0.84	▼ -0.68

	Current	Δ from YD	Δ from 7D Avg
US ResComm	14.0	▼ -2.57	▼ -0.81

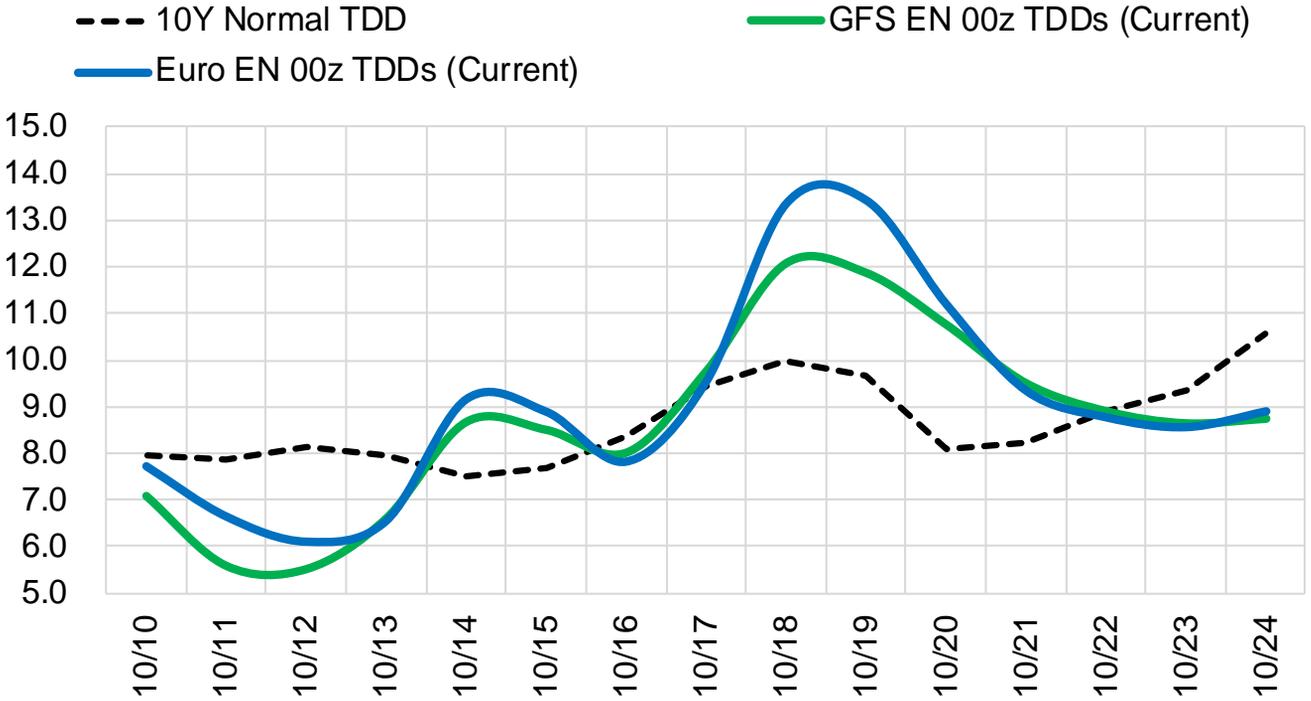
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.2	▼ -0.66	▼ -0.64

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	10.4	▼ -1.00	▼ -0.40

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.0	▼ -0.35	▼ -0.56

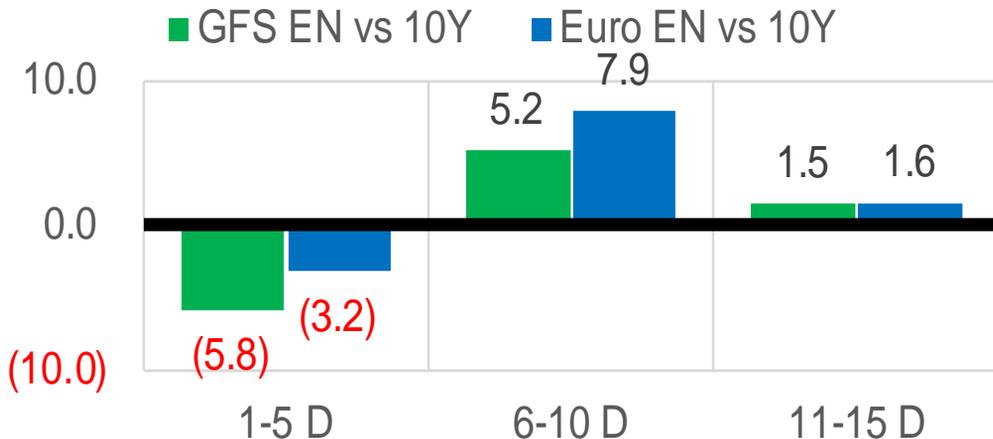
Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal

L48 Region - 00z TDD vs 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	DoD	vs. 7D
Lower 48 Dry Production	102.0	101.5	101.5	102.3	102.8	102.7	102.0	▼ -0.7	▼ -0.1
Canadian Imports	6.0	5.8	5.6	5.5	5.8	5.8	5.2	▼ -0.7	▼ -0.6
L48 Power	32.5	32.4	31.3	30.6	28.8	29.4	30.2	▲ 0.8	▼ -0.6
L48 Residential & Commercial	15.0	12.4	10.7	15.0	18.6	16.5	14.0	▼ -2.6	▼ -0.8
L48 Industrial	21.5	21.5	21.4	22.3	22.3	22.2	22.0	▼ -0.2	▲ 0.1
L48 Lease and Plant Fuel	5.7	5.7	5.7	5.7	5.7	5.7	5.7	▼ -0.1	▼ 0.0
L48 Pipeline Distribution	2.9	2.8	2.6	2.8	2.9	2.8	2.7	▼ -0.1	▼ -0.1
L48 Regional Gas Consumption	77.7	74.7	71.7	76.5	78.4	76.7	74.6	▼ -2.1	▼ -1.4
Net LNG Delivered	10.60	10.40	10.17	10.94	11.30	11.37	10.37	▼ -1.0	▼ -0.4
Total Mexican Exports	6.8	6.8	6.7	6.6	6.4	6.4	6.0	▼ -0.3	▼ -0.6
Implied Daily Storage Activity	12.8	15.4	18.4	13.8	12.5	14.1	16.2		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	LY 8-Oct	9-Sep	16-Sep	23-Sep	LW 30-Sep	Current 7-Oct	WoW	vs. LY
Lower 48 Dry Production	95.3	100.9	101.0	100.8	101.6	102.3	▲ 0.7	▲ 7.1
Canadian Imports	5.3	5.9	5.6	6.1	6.2	6.0	▼ -0.2	▲ 0.7
L48 Power	32.9	41.1	37.9	37.0	31.5	30.5	▼ -1.0	-2.4
L48 Residential & Commercial	8.2	7.6	8.0	8.2	11.9	13.1	▲ 1.2	4.9
L48 Industrial	23.6	21.4	20.9	21.3	20.2	21.3	▲ 1.1	-2.3
L48 Lease and Plant Fuel	5.3	5.6	5.6	5.6	5.6	5.7	▲ 0.1	0.4
L48 Pipeline Distribution	2.5	3.0	2.8	2.8	2.7	2.7	▲ 0.0	0.1
L48 Regional Gas Consumption	72.6	78.7	75.1	74.9	71.9	73.2	▲ 1.3	▲ 0.6
Net LNG Exports	9.9	11.3	11.3	11.5	11.8	11.0	▼ -0.8	▲ 1.1
Total Mexican Exports	6.5	6.6	6.7	6.6	6.9	6.6	▼ -0.3	▲ 0.1
Implied Daily Storage Activity	11.5	10.2	13.4	14.0	17.2	17.5	0.3	6.0
EIA Reported Daily Storage Activity	11.6	11.0	14.7	14.7	18.4			
Daily Model Error	0.0	-0.8	-1.3	-0.7	-1.3			

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	101.1	102.5	▲ 1.4	▲ 7.0
Canadian Imports	4.3	5.4	5.7	5.9	5.4	5.9	5.9	▼ -0.1	▲ 0.5
L48 Power	30.6	30.4	38.3	44.3	43.1	36.8	30.3	▼ -6.5	▼ -0.1
L48 Residential & Commercial	15.5	12.6	8.9	8.3	8.0	9.0	14.3	▲ 5.3	▲ 1.7
L48 Industrial	22.7	21.7	19.1	19.8	21.1	21.0	21.6	▲ 0.7	▼ 0.0
L48 Lease and Plant Fuel	4.8	5.3	5.5	5.5	5.5	5.6	5.7	▲ 0.1	▲ 0.4
L48 Pipeline Distribution	2.5	2.7	2.9	3.1	3.0	2.8	2.8	▼ -0.1	▲ 0.1
L48 Regional Gas Consumption	76.1	72.7	74.6	81.0	80.8	75.2	74.7	▼ -0.5	▲ 2.0
Net LNG Exports	8.0	10.6	11.2	10.9	11.0	11.5	10.9	▼ -0.6	▲ 0.3
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	5.8	13.6	16.2		
EIA Reported Daily Storage Activity									
Daily Model Error					0.0				

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	DoD	vs. 7D
NRC Nuclear Daily Output	80.2	79.7	80.8	81.3	80.3	80.4	80.4	0.0	-0.1
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	24.7	25.2	24.1	23.6	24.6	24.5	24.5	0.0	0.1
NRC % Nuclear Cap Utilization	81.5	81.1	82.2	82.6	81.7	81.7	81.7	0.0	-0.1

Wind Generation Daily Average - MWh (EIA)

	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	DoD	vs. 7D
CALI Wind	1765	1633	1077	913	944	849	721	-128	-476
TEXAS Wind	5976	5616	6402	5625	2846	5814	5767	-48	387
US Wind	37167	34235	25876	18800	26688	28793	26289	-2504	-2304

Generation Daily Average - MWh (EIA)

	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	DoD	vs. 7D
US Wind	37167	34235	25876	18800	26688	28793	26289	-2504	-2304
US Solar	14640	14298	15325	15180	15248	13635	13864	229	-857
US Petroleum	829	759	850	765	455	413	502	89	-177
US Other	10340	10635	10673	10494	10391	10664	10405	-259	-128
US Coal	68608	74706	76643	80744	80895	78090	72596	-5494	-4018
US Nuke	81186	81026	81914	82186	81485	76599	72444	-4156	-8289
US Hydro	19259	21982	21964	22518	21243	20386	18289	-2097	-2936
US Gas	150274	176065	185799	188968	183170	161941	148419	-13522	-25950

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	8-Oct	9-Sep	16-Sep	23-Sep	30-Sep	7-Oct	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	82.1	87.5	86.0	86.7	84.9	80.5	-4.4	0.8
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	22.7	17.4	18.9	18.1	20.0	24.4	4.4	
NRC % Nuclear Cap Utilization	83.5	88.9	87.4	88.2	86.4	81.9	-4.5	

Wind Generation Weekly Average - MWh (EIA)

	8-Oct	9-Sep	16-Sep	23-Sep	30-Sep	7-Oct	WoW	WoW Bcf/d Impact
CALI Wind	1099	1285	2033	1941	1208	1370	162	0.0
TEXAS Wind	4890	4092	8875	11580	8083	6160	-1923	0.4
US Wind	20468	27253	37396	47947	40598	32703	-7895	1.5
							-19%	
						-0.2		

Generation Weekly Average - MWh (EIA)

	8-Oct	9-Sep	16-Sep	23-Sep	30-Sep	7-Oct	LY	Current	WoW	WoW Bcf/d Impact
US Wind	20468	27253	37396	47947	40598	32703			-7895	1.5
US Solar	11296	16138	14887	17244	16634	15163			-1472	0.3
US Petroleum	949	1105	1029	1010	379	664			286	-0.1
US Other	10985	9948	10065	10826	11151	10546			-605	0.1
US Coal	100817	105981	91209	92461	77587	75007			-2580	0.5
US Nuke	83696	89638	88711	89298	86646	84503			-2143	0.4
US Hydro	24553	27950	25849	23537	23101	21638			-1463	0.3
US Gas	179856	227619	201189	197536	171899	170953			-945	-0.2

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	85.0	84.0	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	19.9	20.9	14.3	14.3	18.7	24.5	21.1	5.9	0.2
NRC % Nuclear Cap Utilization	86.5	85.4	92.1	92.1	87.7	81.7	85.2	-6.0	-0.2

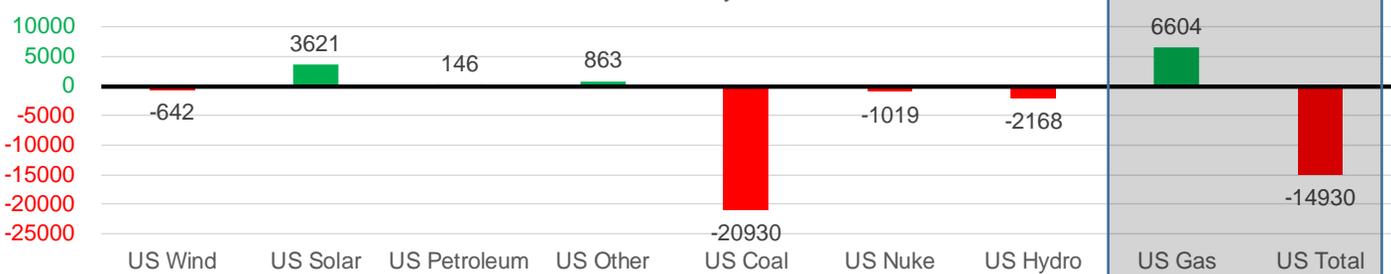
Wind Generation Monthly Average - MWh (EIA)

	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	1436	1968	2719	2028	1608			
TEXAS Wind	6768	9476	11765	8440	7993	5820	8374	-2173	-1102
US Wind	31833	38900	39701	33222	38111	29069	38258	-9042	-642

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	31833	38900	39701	33222	38111			
US Solar	9033	12321	18599	16965	16178	14605	15942	▲ 1336.4	▲ 3621
US Petroleum	990	565	1252	1253	864	605	711	▲ 106	▲ 146
US Other	8149	9827	10142	10543	10489	10486	10689	▲ 204	▲ 863
US Coal	80000	102974	119788	117200	92001	74643	82044	▲ 7402	▼ -20930
US Nuke	88285	86402	92883	92976	89052	78531	85383	▲ 6853	▼ -1019
US Hydro	25429	24784	34227	30121	25197	20208	22616	▲ 2408	▼ -2168
US Gas	172179	172785	235752	233741	199964	163341	179389	▲ 27498	▲ 6604
US Total	414118	448671	551815	535704	470451	391441	433741	▲ 45806	▼ -14930

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

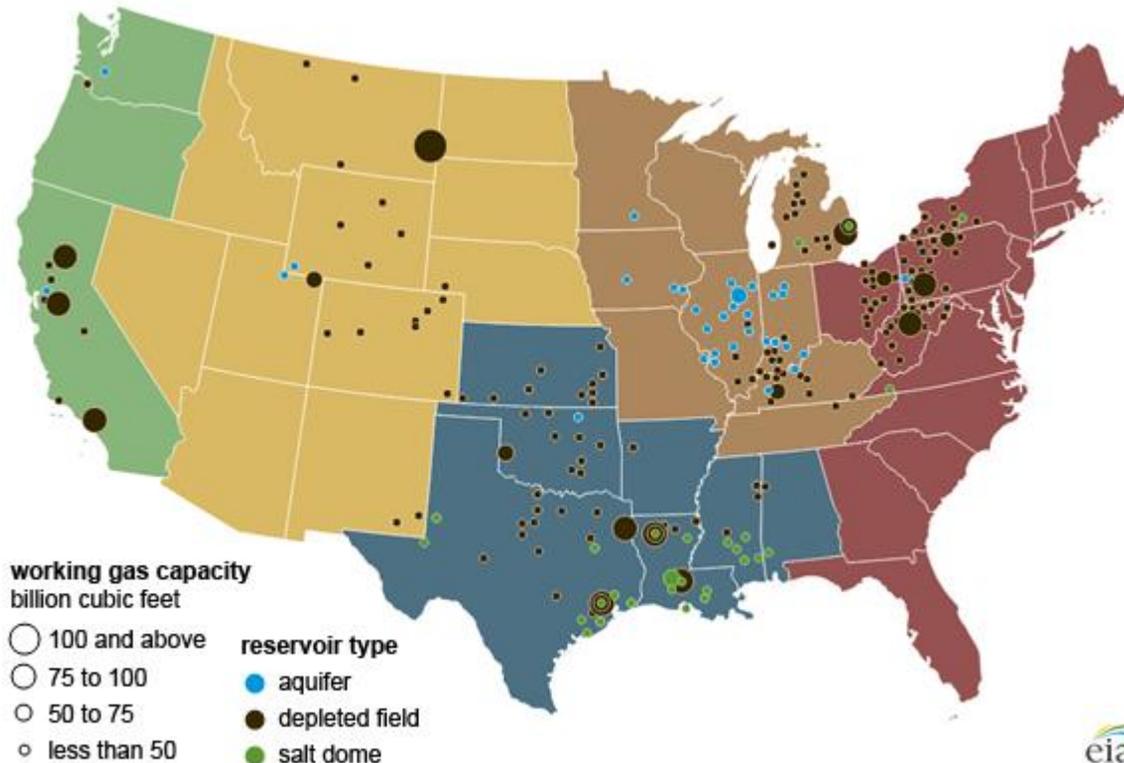
Regional S/D Models Storage Projection

Week Ending 7-Oct

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	18.6	0.0	18.6	130
East	0.6	2.4	3.1	21
Midwest	4.8	0.5	5.3	37
Mountain	5.4	-4.3	1.1	8
South Central	7.0	1.7	8.6	60
Pacific	0.8	-0.3	0.5	4

*Adjustment Factor is calculated based on historical regional deltas

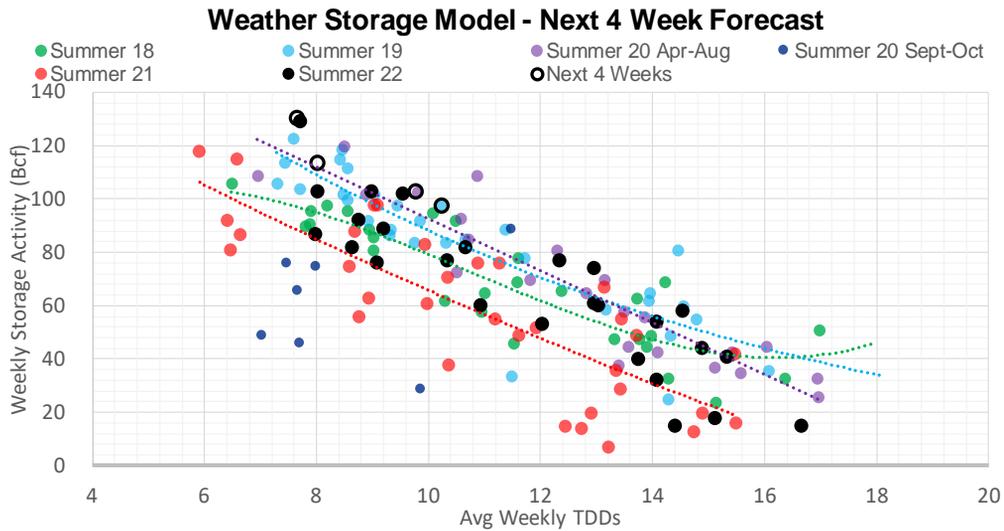
U.S. underground natural gas storage facilities by type (July 2015)



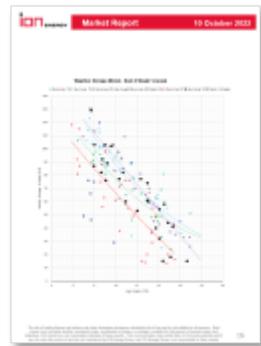
Weather Model Storage Projection

Next report and beyond

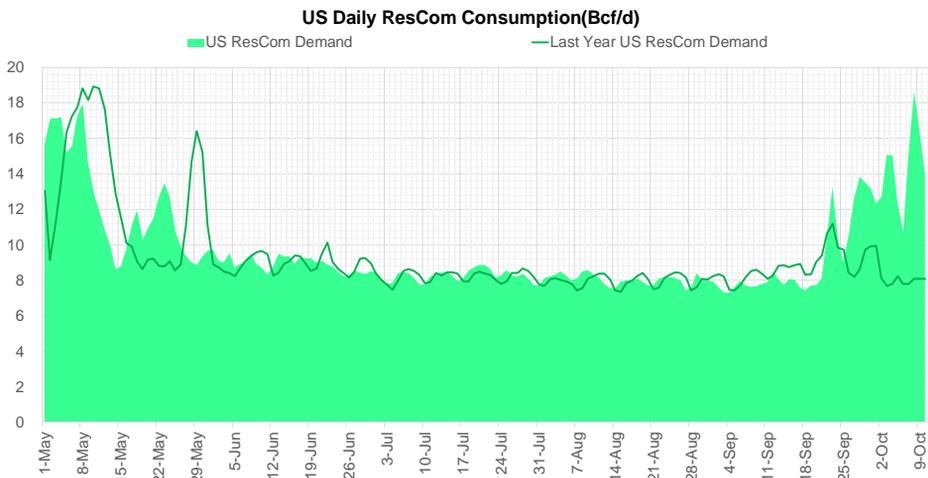
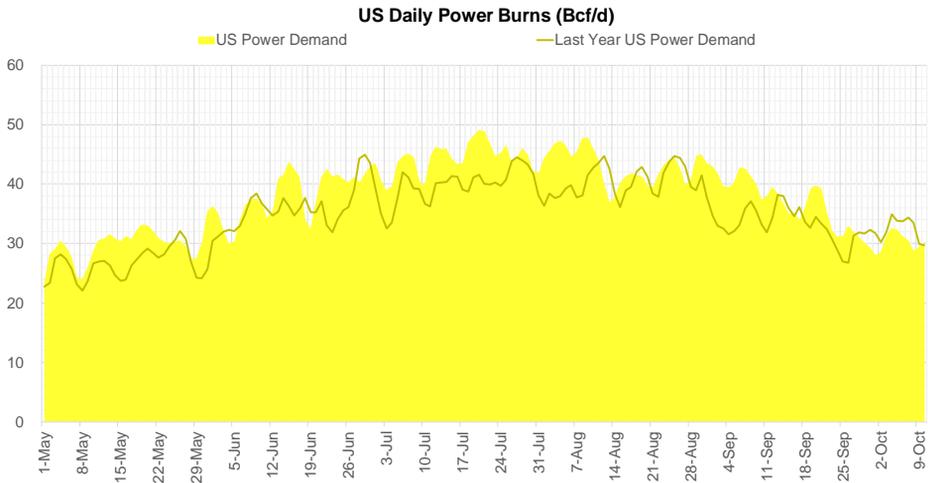
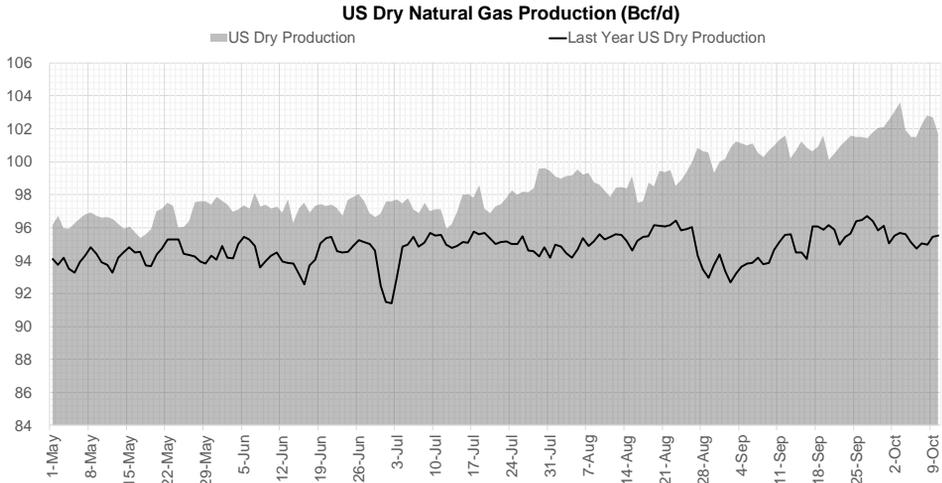
Week Ending	GWDDs	Week Storage Projection
07-Oct	7.7	130
14-Oct	8.0	113
21-Oct	10.3	97
28-Oct	9.8	102



Go to larger image



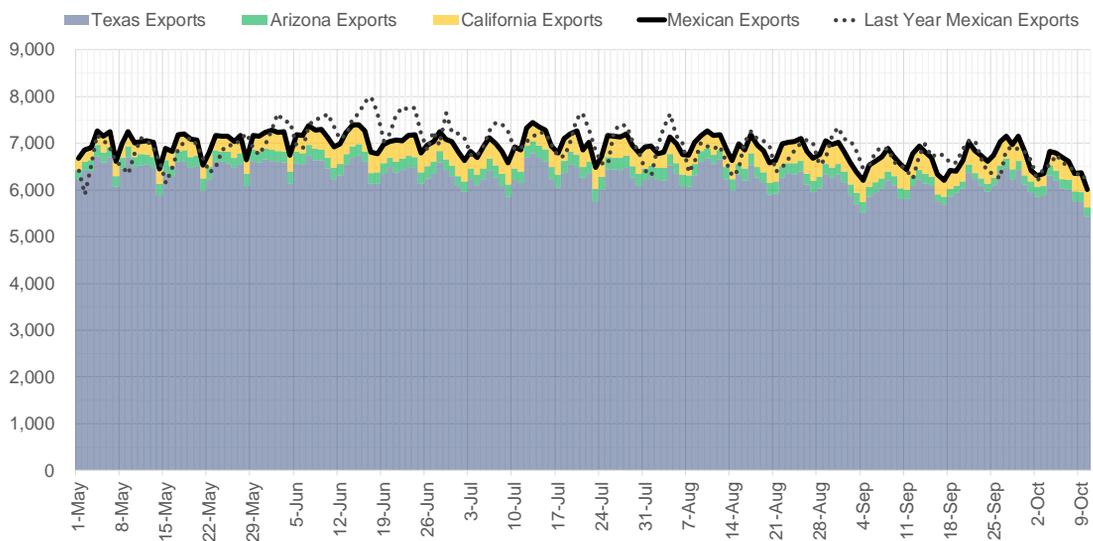
Supply – Demand Trends



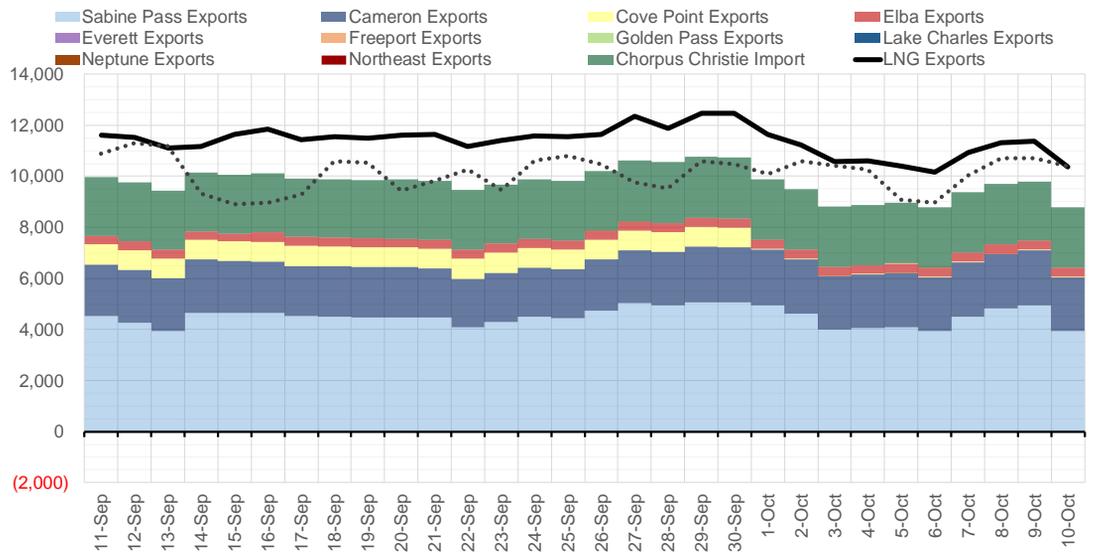
Source: Bloomberg

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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

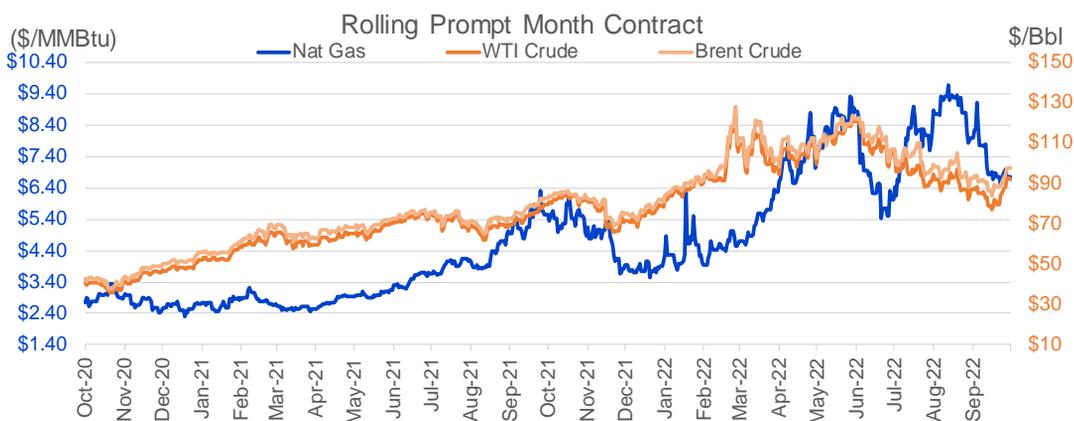
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
11	2022	C	10.00	10143	12	2022	P	4.00	26588
11	2022	P	5.50	8329	3	2023	C	10.00	26402
11	2022	P	5.75	6577	11	2022	P	4.00	24546
11	2022	C	8.00	5790	11	2022	C	10.00	24427
11	2022	C	9.00	5352	12	2022	P	6.00	24406
11	2022	P	6.00	4639	12	2022	P	5.00	24031
11	2022	P	5.25	3790	11	2022	P	6.00	23956
11	2022	P	6.50	2584	5	2023	P	2.00	22547
11	2022	P	5.00	2149	11	2022	P	5.00	22129
12	2022	P	4.00	1916	4	2023	P	3.00	20969
11	2022	C	11.00	1752	10	2023	P	3.00	20079
12	2022	P	6.50	1585	3	2023	P	4.00	19605
11	2022	C	9.50	1570	3	2023	C	20.00	19402
11	2022	C	7.00	1237	1	2023	C	10.00	19198
11	2022	C	12.00	1177	10	2023	P	2.50	18850
11	2022	P	6.25	1129	12	2022	C	5.00	18227
11	2022	C	8.50	1051	4	2023	P	3.50	17966
4	2023	P	3.00	1050	11	2022	C	8.00	17804
5	2023	P	3.00	1050	11	2022	C	12.00	17666
6	2023	P	3.00	1050	10	2023	P	4.00	17341
7	2023	P	3.00	1050	6	2023	P	3.00	17280
8	2023	P	3.00	1050	12	2022	C	10.00	17224
9	2023	P	3.00	1050	5	2023	P	3.00	17108
10	2023	P	3.00	1050	2	2023	C	10.00	17010
12	2022	C	10.00	1019	3	2023	P	3.00	17006
12	2022	C	17.00	1011	1	2023	P	4.00	16831
11	2022	C	7.50	953	5	2023	P	3.50	16690
11	2022	C	7.25	946	12	2022	P	5.50	16542
3	2023	P	4.50	901	11	2022	P	5.50	16198
11	2022	C	10.50	865	12	2022	C	4.00	16195
11	2022	C	14.00	794	4	2023	P	4.00	15993
4	2023	P	1.50	750	11	2022	P	6.50	15969
5	2023	P	1.50	750	2	2023	C	9.00	15967
6	2023	P	1.50	750	3	2023	P	2.75	15950
7	2023	P	1.50	750	11	2022	C	4.00	15755
8	2023	P	1.50	750	8	2023	P	3.50	15747
9	2023	P	1.50	750	6	2023	P	3.50	15740
10	2023	P	1.50	750	10	2023	P	3.50	15734
4	2023	C	8.00	735	7	2023	P	3.50	15715
11	2022	P	7.00	694	9	2023	P	3.50	15705
2	2023	C	9.00	608	9	2023	P	4.00	15641
2	2023	C	12.00	600	7	2023	P	3.00	15390
11	2022	C	11.50	596	10	2023	P	2.00	15353
1	2023	P	4.00	571	1	2023	P	5.00	15265
12	2022	C	9.50	503	4	2023	P	2.00	15258
11	2022	C	18.00	501	8	2023	P	3.00	15190
12	2022	C	15.25	500	9	2023	P	3.00	15190
4	2023	C	6.00	500	12	2022	P	7.00	15097
5	2023	C	8.00	500	7	2023	P	4.00	14934
					5	2023	P	4	14593

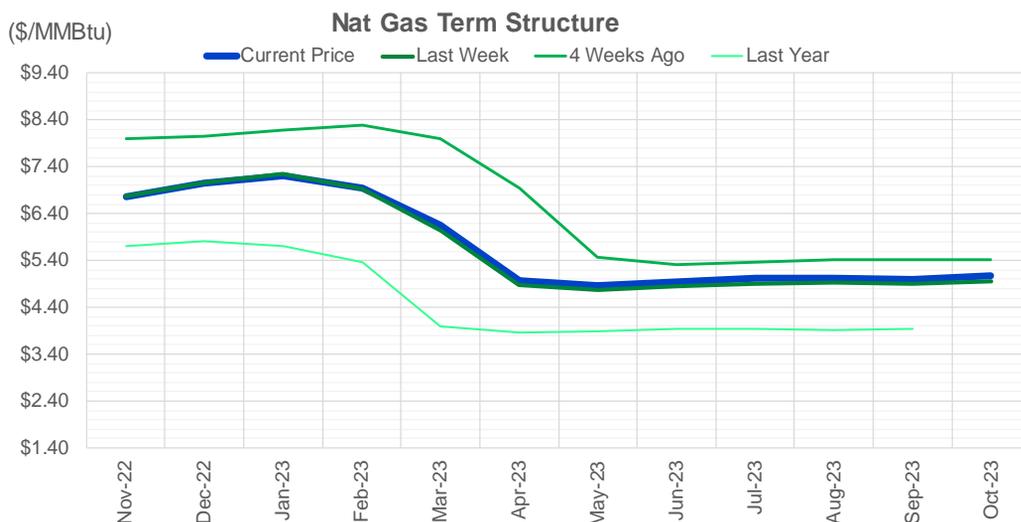
Source: CME, ICE

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	139297	151558	-12261	NOV 22	66606	69442	-2836
DEC 22	71108	70692	416	DEC 22	75311	74817	494
JAN 23	98882	96363	2519	JAN 23	70795	70893	-98
FEB 23	46128	46094	34	FEB 23	65389	65823	-434
MAR 23	79682	76819	2863	MAR 23	57812	56106	1706
APR 23	77451	77330	121	APR 23	54424	54764	-340
MAY 23	82593	82697	-104	MAY 23	55272	55329	-56
JUN 23	24313	24352	-39	JUN 23	45798	45957	-159
JUL 23	27056	26157	899	JUL 23	46374	46255	119
AUG 23	20861	20748	113	AUG 23	44717	44877	-160
SEP 23	24598	24477	121	SEP 23	41468	41744	-276
OCT 23	56612	56847	-235	OCT 23	54864	54881	-17
NOV 23	21310	20449	861	NOV 23	47217	47703	-487
DEC 23	18269	16930	1339	DEC 23	40499	40909	-411
JAN 24	30383	29562	821	JAN 24	43348	43813	-465
FEB 24	9226	9643	-417	FEB 24	30848	30928	-80
MAR 24	20105	19564	541	MAR 24	36223	36291	-68
APR 24	18199	17272	927	APR 24	29905	30002	-97
MAY 24	8344	8407	-63	MAY 24	28338	28430	-92
JUN 24	2957	2949	8	JUN 24	25706	25796	-90
JUL 24	4026	4004	22	JUL 24	25249	25342	-93
AUG 24	3813	3799	14	AUG 24	24986	25079	-93
SEP 24	2402	2372	30	SEP 24	24681	24771	-90
OCT 24	8842	8842	0	OCT 24	28796	28857	-62
NOV 24	4969	4978	-9	NOV 24	26046	26083	-37
DEC 24	8211	8217	-6	DEC 24	29935	29849	86
JAN 25	17421	17488	-67	JAN 25	23288	23834	-546
FEB 25	1649	1638	11	FEB 25	15814	15884	-70
MAR 25	5159	5157	2	MAR 25	18056	18059	-3
APR 25	5278	5282	-4	APR 25	16342	16349	-7

Source: CME, ICE





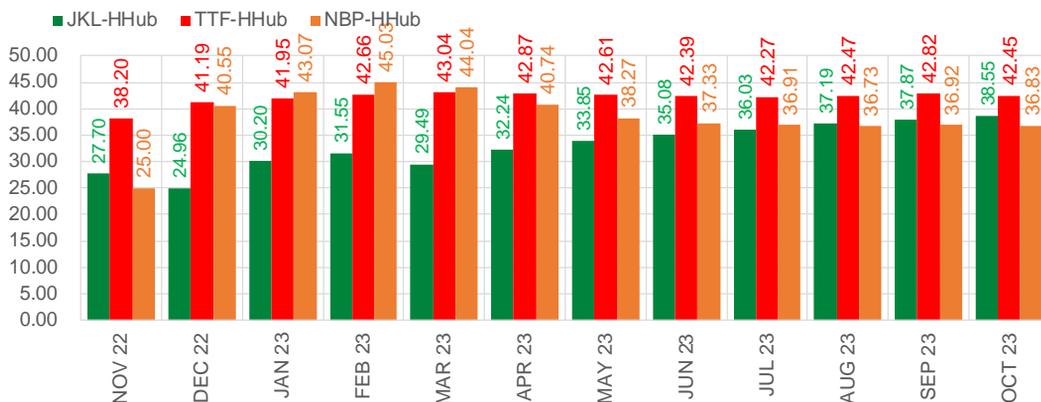
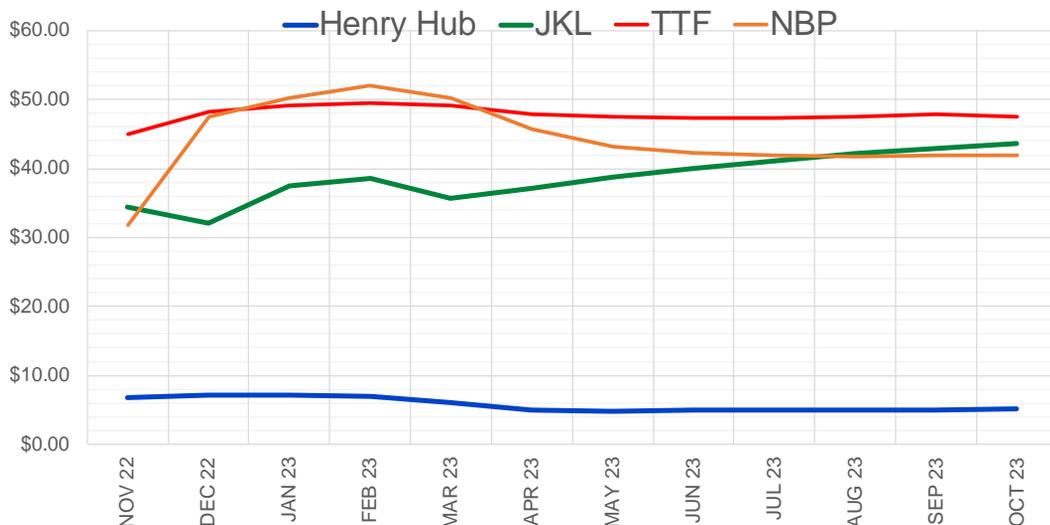
	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Current Price	\$6.748	\$7.047	\$7.203	\$6.940	\$6.161	\$4.976	\$4.872	\$4.950	\$5.027	\$5.032	\$4.993	\$5.065
Last Week	\$6.766	\$7.065	\$7.247	\$6.937	\$6.028	\$4.887	\$4.784	\$4.848	\$4.914	\$4.924	\$4.894	\$4.965
vs. Last Week	-\$0.018	-\$0.018	-\$0.044	\$0.003	\$0.133	\$0.089	\$0.088	\$0.102	\$0.113	\$0.108	\$0.099	\$0.100
4 Weeks Ago	\$7.996	\$8.044	\$8.183	\$8.278	\$7.989	\$6.953	\$5.469	\$5.319	\$5.366	\$5.417	\$5.430	\$5.413
vs. 4 Weeks Ago	-\$1.248	-\$0.997	-\$0.980	-\$1.338	-\$1.828	-\$1.977	-\$0.597	-\$0.369	-\$0.339	-\$0.385	-\$0.437	-\$0.348
Last Year	\$5.565	\$5.710	\$5.806	\$5.701	\$5.370	\$3.996	\$3.854	\$3.891	\$3.931	\$3.936	\$3.916	\$3.948
vs. Last Year	\$1.183	\$1.337	\$1.397	\$1.239	\$0.791	\$0.980	\$1.018	\$1.059	\$1.096	\$1.096	\$1.077	\$1.117

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	6.15	10.79	4.64
TETCO M3	\$/MMBtu	5.35	6.16	0.81
FGT Zone 3	\$/MMBtu	5.50	7.40	1.90
Zone 6 NY	\$/MMBtu	5.50	6.42	0.92
Chicago Citygate	\$/MMBtu	5.50	6.29	0.79
Michcon	\$/MMBtu	5.47	6.14	0.67
Columbia TCO Pool	\$/MMBtu	5.31	5.82	0.51
Ventura	\$/MMBtu	6.15	6.38	0.23
Rockies/Opal	\$/MMBtu	6.43	6.06	-0.38
El Paso Permian Basin	\$/MMBtu	3.51	4.34	0.83
Socal Citygate	\$/MMBtu	6.50	6.64	0.14
Malin	\$/MMBtu	5.28	6.46	1.18
Houston Ship Channel	\$/MMBtu	5.64	5.96	0.32
Henry Hub Cash	\$/MMBtu	6.91	5.92	-0.98
AECO Cash	C\$/GJ	3.17	4.37	1.20
Station2 Cash	C\$/GJ	2.08	7.10	5.02
Dawn Cash	C\$/GJ	5.50	6.39	0.89

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	▲ 0.637
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -1.782
NatGas Apr22/Oct22	\$/MMBtu	1.532	▲ 0.000	▼ -1.128	▲ 1.580
WTI Crude	\$/Bbl	92.64	▲ 13.150	▲ 5.850	▲ 13.290
Brent Crude	\$/Bbl	97.92	▲ 9.960	▲ 5.080	▲ 15.530
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	401.87	▲ 64.970	▲ 44.000	▲ 154.500
Propane, Mt. Bel	cents/Gallon	0.91	▼ -0.087	▼ -0.143	▼ -0.557
Ethane, Mt. Bel	cents/Gallon	0.42	▼ -0.048	▼ -0.097	▼ -0.022
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			

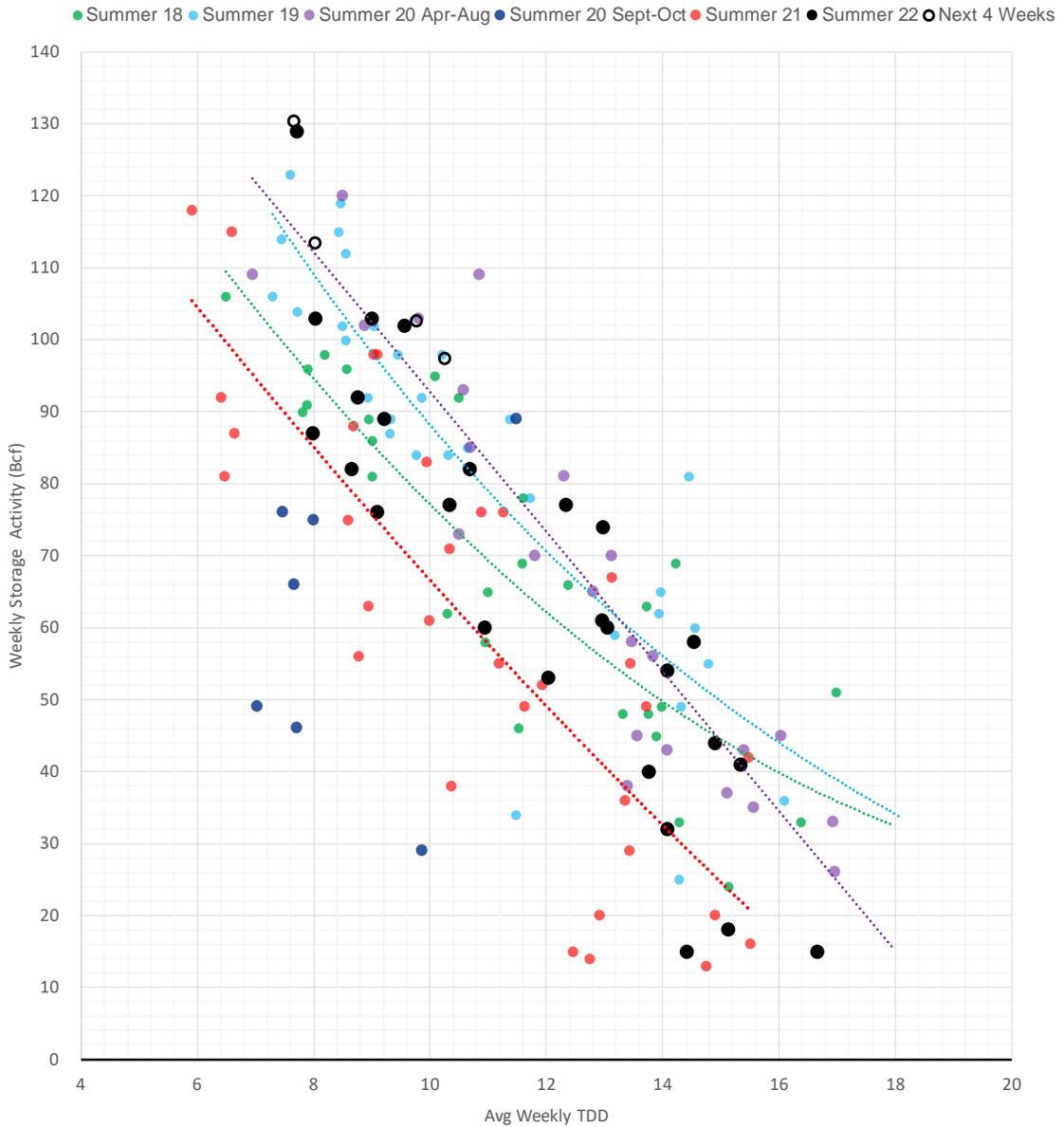
Nat Gas Term Structure (\$MMBTU)



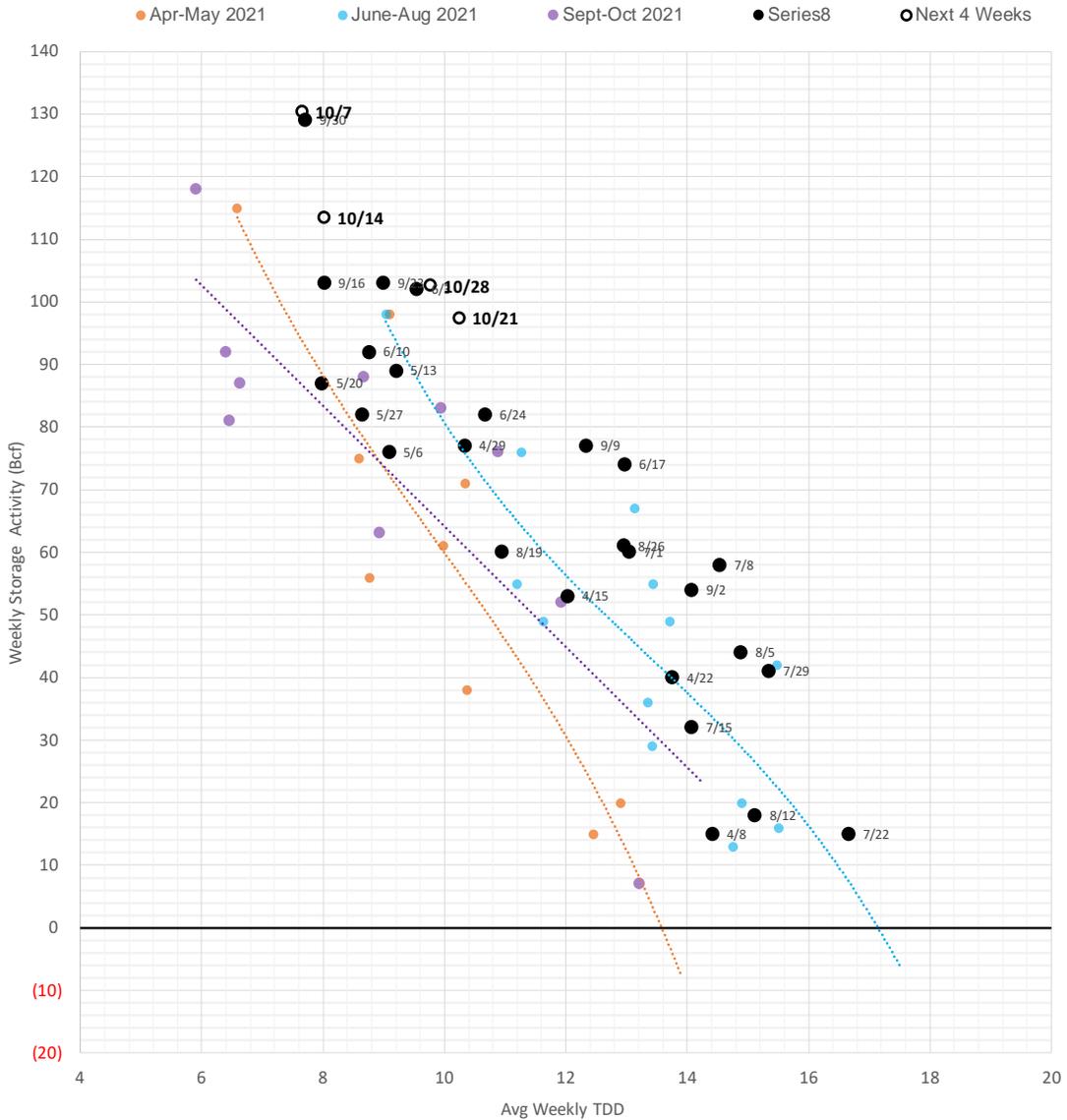
	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23	OCT 23
Henry Hub	\$6.763	\$7.055	\$7.215	\$6.941	\$6.131	\$4.980	\$4.859	\$4.939	\$5.022	\$5.021	\$4.982	\$5.059
JKL	\$34.460	\$32.015	\$37.415	\$38.490	\$35.625	\$37.215	\$38.710	\$40.015	\$41.055	\$42.210	\$42.855	\$43.610
JKL-HHub	\$27.697	\$24.960	\$30.200	\$31.549	\$29.494	\$32.235	\$33.851	\$35.076	\$36.033	\$37.189	\$37.873	\$38.551
TTF	\$44.964	\$48.246	\$49.169	\$49.597	\$49.168	\$47.852	\$47.468	\$47.328	\$47.287	\$47.494	\$47.806	\$47.512
TTF-HHub	\$38.201	\$41.191	\$41.954	\$42.656	\$43.037	\$42.872	\$42.609	\$42.389	\$42.265	\$42.473	\$42.824	\$42.453
NBP	\$31.767	\$47.609	\$50.280	\$51.972	\$50.172	\$45.717	\$43.131	\$42.269	\$41.931	\$41.751	\$41.900	\$41.884
NBP-HHub	\$25.004	\$40.554	\$43.065	\$45.031	\$44.041	\$40.737	\$38.272	\$37.330	\$36.909	\$36.730	\$36.918	\$36.825

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Weather Storage Model - Next 4 Week Forecast



Weather Storage Model - Next 4 Week Forecast



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