

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 8.33	▲ \$ 0.08	▲ \$ 0.31

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 87.80	▲ \$ 0.02	▲ \$ 2.0

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 93.71	▼ \$ (0.29)	▲ \$ 1.9

Page Menu

[Short-term Weather Model Outlooks](#)

[Lower 48 Component Models](#)

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

[Weather Model Storage Projection](#)

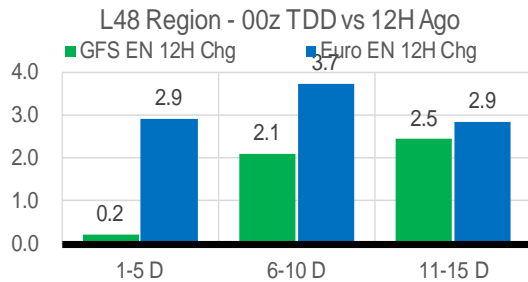
[Supply – Demand Trends](#)

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

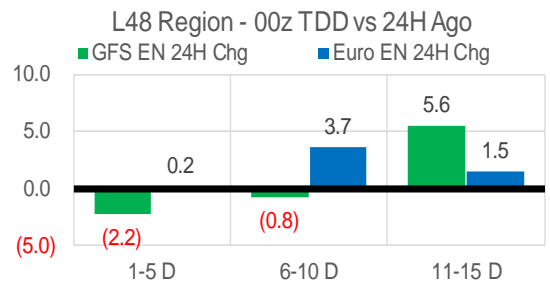
[Nat Gas Futures Open Interest](#)

[Price Summary](#)

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	98.9	▼ -2.15	▼ -1.55

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	37.7	▼ -0.78	▼ -1.78

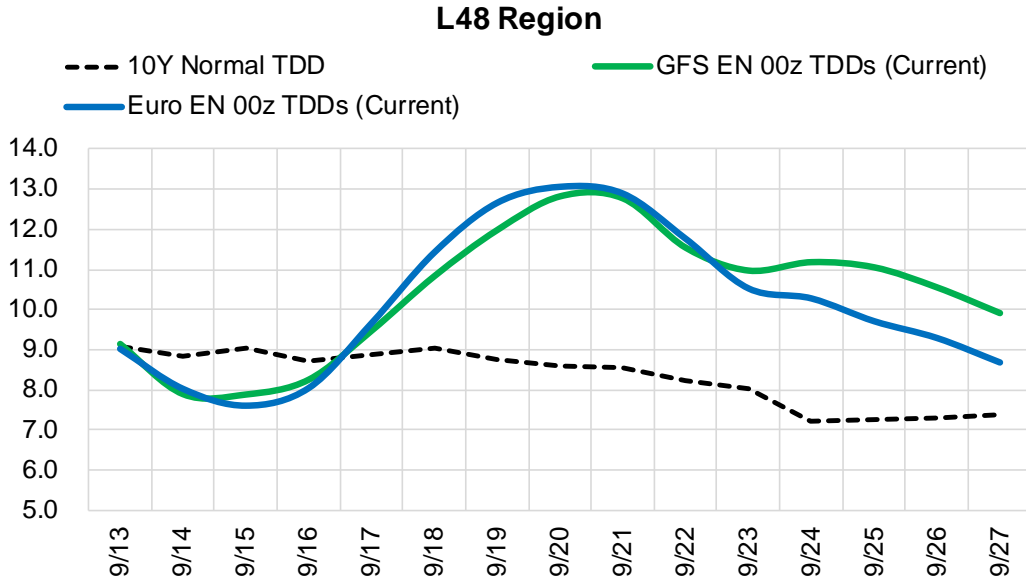
	Current	Δ from YD	Δ from 7D Avg
US ResComm	7.9	▼ -0.77	▼ -0.23

	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.7	▲ 0.11	▲ 0.10

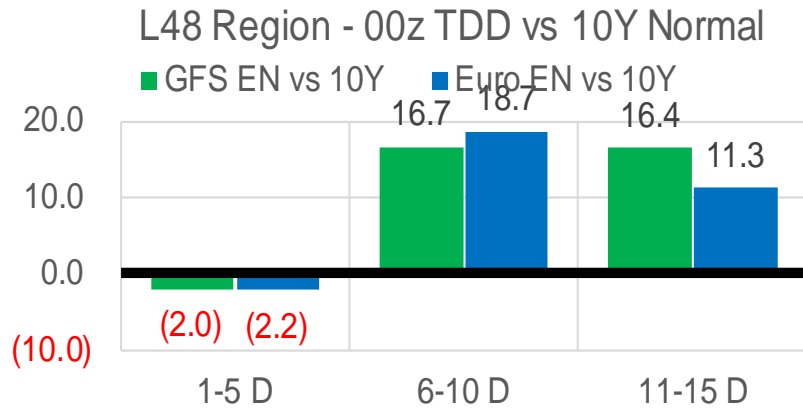
	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	11.1	▼ -0.46	▼ -0.11

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.8	▲ 0.18	▲ 0.19

Short-term Weather Model Outlooks (00z)



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep	DoD	vs. 7D
Lower 48 Dry Production	100.2	99.8	100.2	100.5	100.9	101.1	98.9	▼-2.2	▼-1.5
Canadian Imports	5.7	5.2	5.3	5.5	5.5	5.6	5.7	▲0.1	▲0.2
L48 Power	41.9	40.7	39.2	36.8	37.1	38.5	37.7	▼-0.8	▼-1.4
L48 Residential & Commercial	7.9	7.8	7.9	8.1	8.1	8.6	7.9	▼-0.8	▼-0.2
L48 Industrial	21.5	21.4	21.5	21.5	21.4	21.4	21.1	▼-0.3	▼-0.4
L48 Lease and Plant Fuel	5.4	5.4	5.4	5.4	5.5	5.5	5.3	▼-0.1	▼-0.1
L48 Pipeline Distribution	2.8	2.7	2.6	2.5	2.5	2.6	2.5	▼-0.1	▼-0.1
L48 Regional Gas Consumption	79.4	78.1	76.7	74.3	74.7	76.6	74.5	▼-2.1	▼-2.1
Net LNG Delivered	11.04	10.79	10.99	10.96	11.60	11.51	11.05	▼-0.5	▼-0.1
Total Mexican Exports	6.7	6.7	6.8	6.5	6.3	6.6	6.8	▲0.2	▲0.2
Implied Daily Storage Activity	8.8	9.5	11.1	14.3	13.9	12.0	12.3		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	LY		LW			Current		
	10-Sep	12-Aug	19-Aug	26-Aug	2-Sep	9-Sep	WoW	vs. LY
Lower 48 Dry Production	92.4	98.3	97.8	98.6	99.8	100.5	▲0.7	▲8.1
Canadian Imports	4.8	5.4	4.8	5.4	5.7	5.8	▲0.1	▲1.1
L48 Power	33.9	45.5	39.6	41.2	42.0	40.4	▼-1.6	6.5
L48 Residential & Commercial	8.0	8.6	8.1	8.2	8.2	7.8	▼-0.3	-0.1
L48 Industrial	19.5	21.2	21.3	21.0	22.3	21.4	▼-0.9	2.0
L48 Lease and Plant Fuel	5.0	5.3	5.3	5.4	5.4	5.4	▲0.0	0.4
L48 Pipeline Distribution	2.3	2.9	2.5	2.6	2.7	2.7	▼0.0	0.4
L48 Regional Gas Consumption	68.7	83.5	76.8	78.5	80.6	77.8	▼-2.8	▲9.1
Net LNG Exports	11.0	10.9	10.9	11.1	10.9	11.3	▲0.4	▲0.3
Total Mexican Exports	6.7	7.0	7.0	6.9	6.9	6.5	▼-0.4	▼-0.2
Implied Daily Storage Activity	10.8	2.2	7.9	7.6	7.2	10.7	3.5	-0.1
EIA Reported Daily Storage Activity	11.9	2.6	8.6	8.7	7.7			
Daily Model Error	-1.0	-0.3	-0.6	-1.1	-0.5			

Monthly Balances

	2Yr Ago	LY		MTD					
	Sep-20	Sep-21	May-22	Jun-22	Jul-22	Aug-22	Sep-22	MoM	vs. LY
Lower 48 Dry Production	88.9	93.6	95.8	96.5	97.1	98.6	100.5	▲1.9	▲6.9
Canadian Imports	3.8	5.1	5.1	5.7	5.9	5.4	5.7	▲0.3	▲0.6
L48 Power	34.4	33.1	29.8	38.0	43.7	42.5	39.7	▼-2.8	▲6.6
L48 Residential & Commercial	8.9	8.7	12.4	9.1	9.0	8.3	8.0	▼-0.3	▼-0.7
L48 Industrial	19.9	20.2	19.7	18.7	19.5	21.4	21.5	▲0.1	▲1.2
L48 Lease and Plant Fuel	4.8	5.1	5.3	5.3	5.3	5.4	5.4	▲0.1	▲0.4
L48 Pipeline Distribution	2.4	2.3	2.4	2.5	2.8	2.7	2.6	▼-0.1	▲0.3
L48 Regional Gas Consumption	70.4	69.5	69.5	73.7	80.2	80.2	77.3	▼-3.0	▲7.8
Net LNG Exports	5.9	10.3	12.5	11.2	10.9	11.0	11.2	▲0.2	▲0.9
Total Mexican Exports	6.1	6.7	7.0	7.1	7.0	6.9	6.5	▼-0.4	▼-0.2
Implied Daily Storage Activity	10.3	12.1	11.9	10.2	4.9	5.8	11.2		
EIA Reported Daily Storage Activity									
Daily Model Error					0.2				

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	DoD	vs. 7D
NRC Nuclear Daily Output	87.9	87.4	86.9	86.7	86.9	86.9	86.9	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	16.9	17.5	17.9	18.2	18.0	18.0	18.0	0.0	0.2
NRC % Nuclear Cap Utilization	89.4	88.9	88.4	88.2	88.4	88.4	88.4	0.0	-0.2

Wind Generation Daily Average - MWh (EIA)

	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	DoD	vs. 7D
CALI Wind	836	747	1378	1145	1762	1426	892	-534	-324
TEXAS Wind	5082	4315	4720	2740	6885	7903	7097	-806	1823
US Wind	26491	20482	23741	34370	38143	32283	26235	-6048	-3017

Generation Daily Average - MWh (EIA)

	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	DoD	vs. 7D
US Wind	26491	20482	23741	34370	38143	32283	26235	-6048	-3017
US Solar	15981	16380	16250	13842	13048	11060	13481	2421	-946
US Petroleum	1004	1206	1101	1507	1080	1071	1058	-13	-104
US Other	9610	10062	9781	9750	9495	9247	9423	176	-234
US Coal	98768	109191	110417	102143	94834	93561	93898	338	-7587
US Nuke	90447	89668	89212	89149	89355	87175	88147	971	-1021
US Hydro	26812	32217	31295	30114	29508	25712	24559	-1153	-4717
US Gas	212832	243805	239381	227032	215799	198683	198091	-592	-24831

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	10-Sep	12-Aug	19-Aug	26-Aug	2-Sep	9-Sep	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	90.3	90.7	91.2	90.3	89.6	87.5	-2.2	0.4
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	14.6	14.1	13.7	14.5	15.2	17.4	2.2	
NRC % Nuclear Cap Utilization	91.8	92.3	92.8	91.9	91.2	88.9	-2.2	

Wind Generation Weekly Average - MWh (EIA)

	10-Sep	12-Aug	19-Aug	26-Aug	2-Sep	9-Sep	WoW	WoW Bcf/d Impact
CALI Wind	1236	1901	1953	2324	1825	1285	-540	0.1
TEXAS Wind	7327	8762	7139	5879	6839	4092	-2747	0.5
US Wind	30677	32976	28474	23582	36122	27241	-8881	1.6
							-25%	
							-0.4	

Generation Weekly Average - MWh (EIA)

	10-Sep	12-Aug	19-Aug	26-Aug	2-Sep	9-Sep	LY	Current	YoY	WoW Bcf/d Impact
US Wind	30677	32976	28474	23582	36122	27241			-8881	1.6
US Solar	14267	17568	16951	15906	17074	15875			-1200	0.2
US Petroleum	843	1737	1045	1047	1075	1105			31	0.0
US Other	8944	10725	9882	10332	10580	9803			-777	0.1
US Coal	116842	122575	112824	114535	113005	104673			-8331	1.5
US Nuke	93162	92966	94032	92872	92018	89638			-2381	0.4
US Hydro	26955	30400	30431	30663	27850	27913			63	0.0
US Gas	182338	252451	218061	227218	232735	226536			-6199	-1.1

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	Jun-22	Jul-22	Aug-22	Sep-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	NRC Nuclear Daily Output	90.1	90.6	88.6	90.6	90.5	87.4	89.0	-3.2
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	14.8	14.3	16.3	14.3	14.3	17.5	15.9	3.2	1.6
NRC % Nuclear Cap Utilization	91.6	92.1	90.1	92.1	92.1	88.9	90.5	-3.2	-1.6

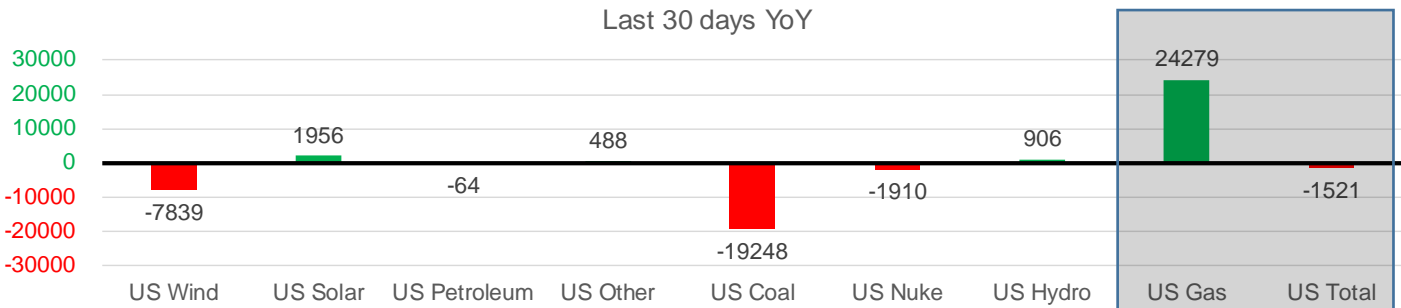
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD						
	Same 30 days	Same 30 days	Jun-22	Jul-22	Aug-22	Sep-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	CALI Wind	1605	2054	2892	2719	2028	1351	1735	-677
TEXAS Wind	7251	9214	13378	11765	8440	4821	6033	-3619	-3181
US Wind	29298	36478	46918	39701	33222	27885	28639	-5337	-7839

Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD						
	Same 30 days	Same 30 days	Jun-22	Jul-22	Aug-22	Sep-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	US Wind	29298	36478	46918	39701	33222	27885	28639	▲ 753.9
US Solar	9715	13882	19381	18598	16999	14840	15838	▲ 998.2	▲ 1956
US Petroleum	1008	1139	1001	1252	1253	1074	1075	▲ 1	▼ -64
US Other	9194	9623	8580	10129	10424	9742	10111	▲ 369	▲ 488
US Coal	119325	127852	105517	119788	117179	101502	108604	▲ 7102	▼ -19248
US Nuke	92544	93196	89978	92883	92969	89303	91286	▲ 1984	▼ -1910
US Hydro	28601	28098	37531	34185	30121	27554	29004	▲ 1450	▲ 906
US Gas	206382	201116	200787	235766	233714	221234	225395	▲ 12659	▲ 24279
US Total	493973	511230	509265	551823	535629	492911	509710	▲ 24564	▼ -1521

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

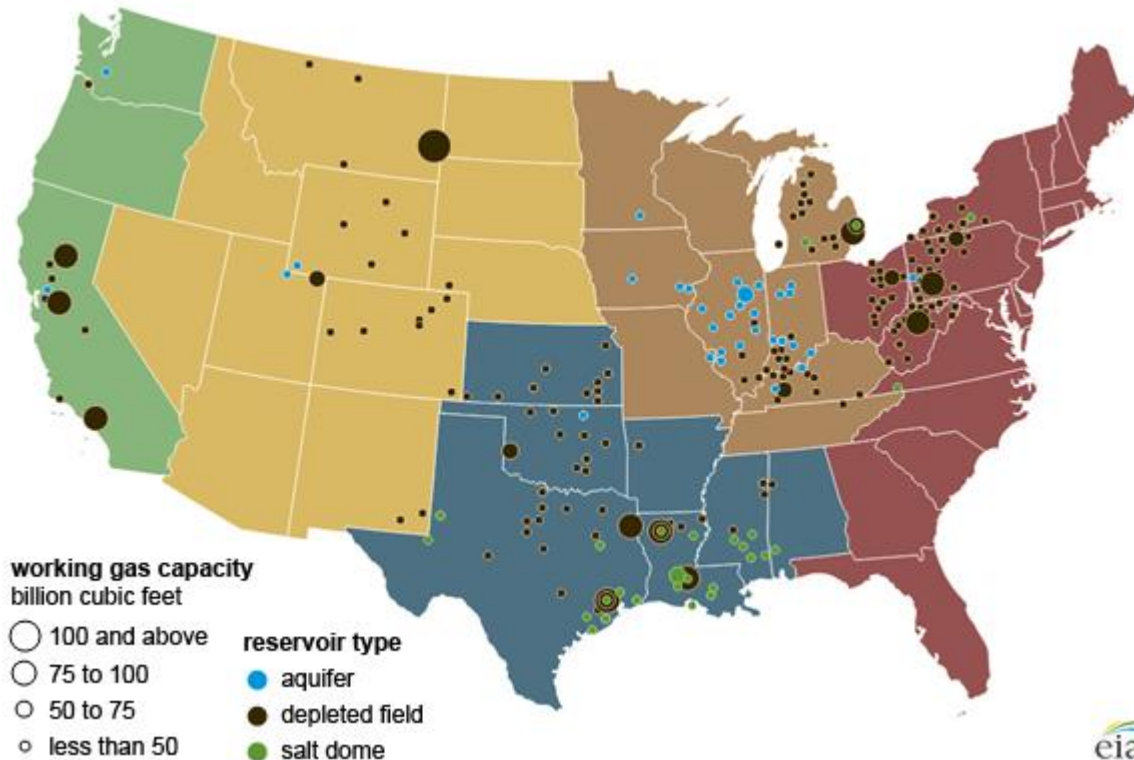
Regional S/D Models Storage Projection

Week Ending 9-Sep

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	11.8	-0.1	11.7	82
East	2.5	1.8	4.3	30
Midwest	4.4	0.0	4.4	31
Mountain	4.9	-4.1	0.8	5
South Central	0.0	2.9	2.9	20
Pacific	0.0	-0.7	-0.7	-5

*Adjustment Factor is calculated based on historical regional deltas

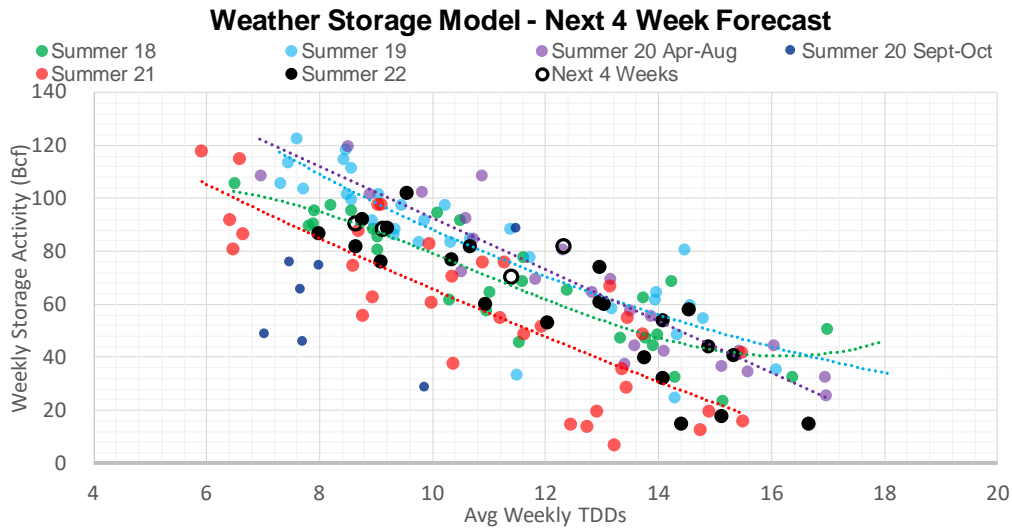
U.S. underground natural gas storage facilities by type (July 2015)



Weather Model Storage Projection

Next report
and beyond

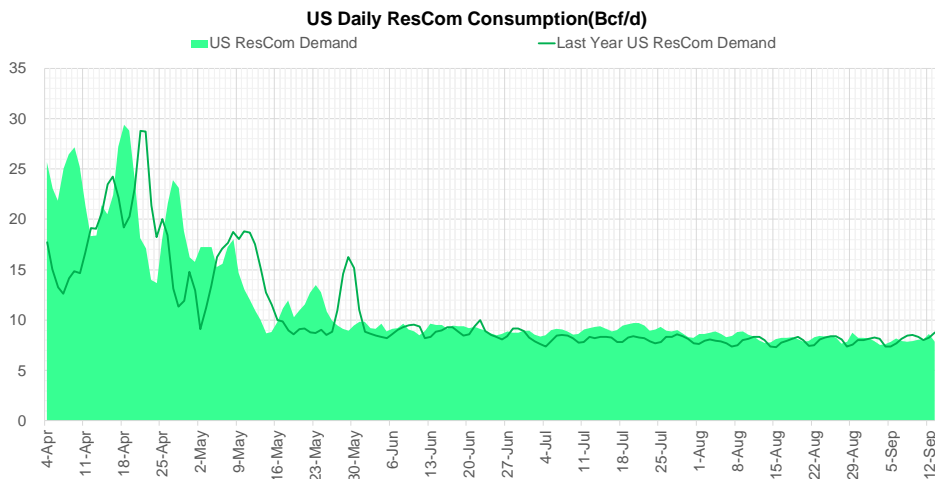
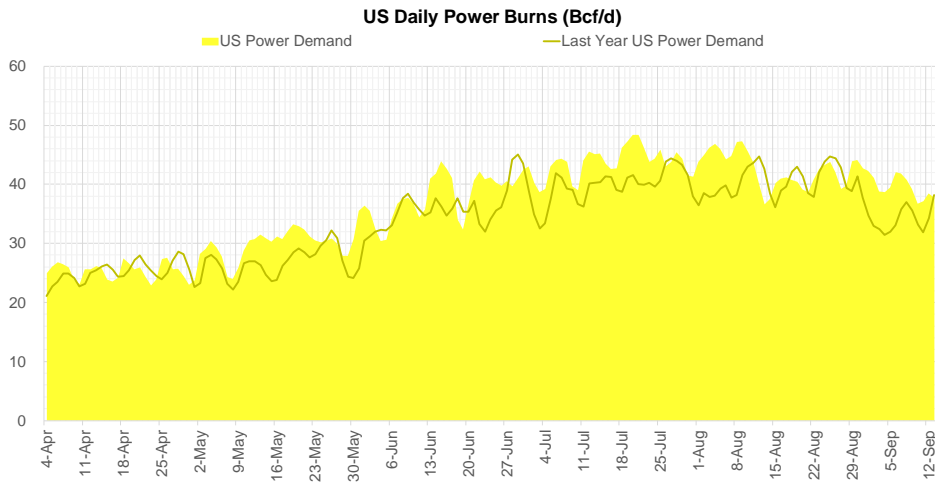
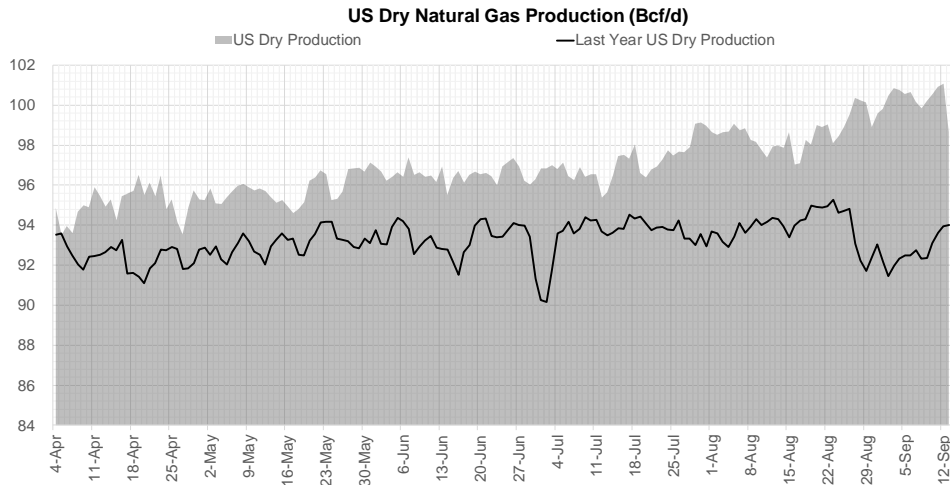
Week Ending	GWDDs	Week Storage Projection
09-Sep	12.3	82
16-Sep	8.7	90
23-Sep	11.4	70
30-Sep	9.1	88



Go to larger image



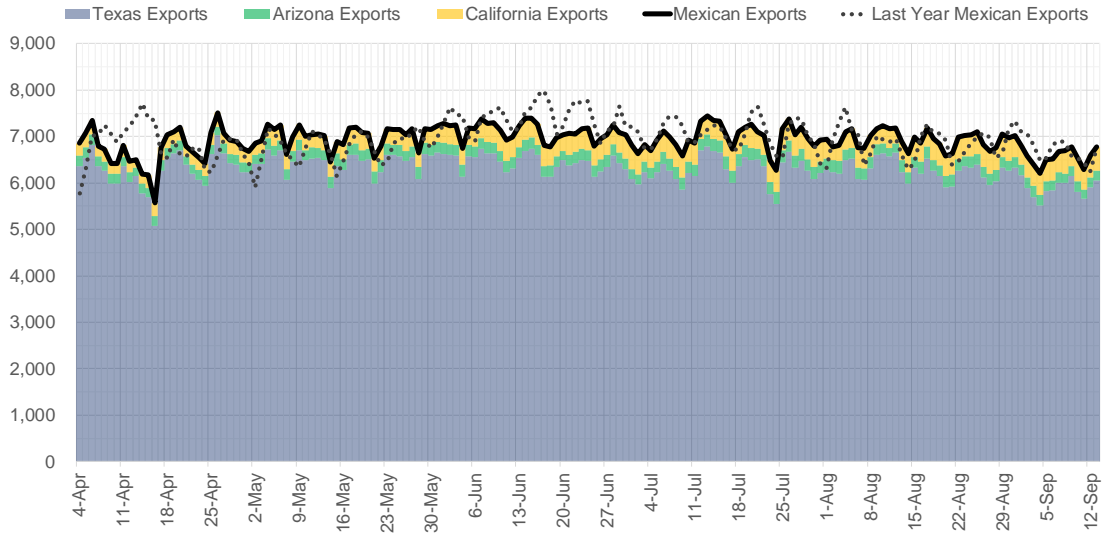
Supply – Demand Trends



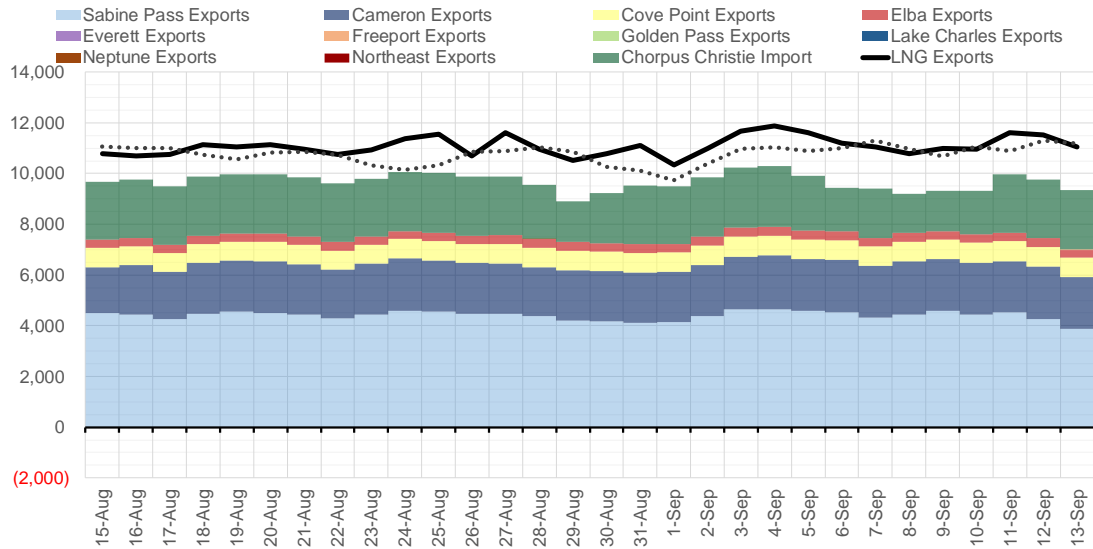
Source: Bloomberg

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

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.

Nat Gas Options Volume and Open Interest CME and ICE Combined

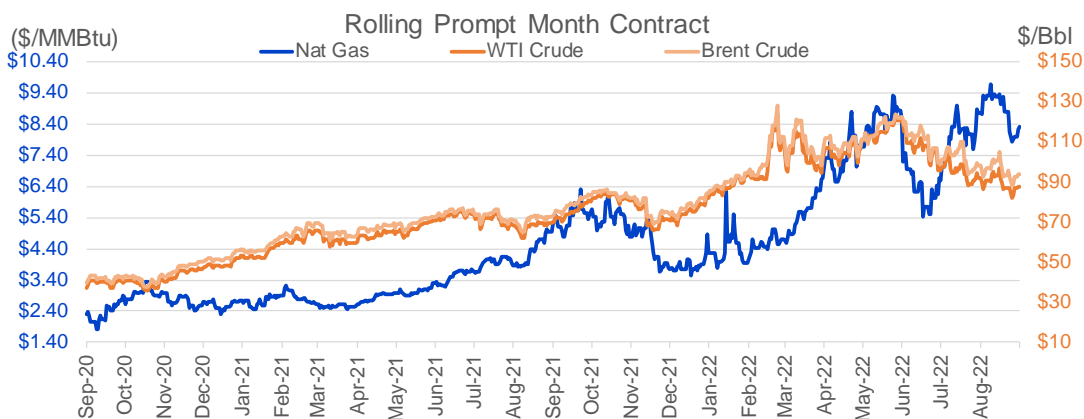
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
10	2022	P	7.00	3887	10	2022	P	3.00	36677
10	2022	P	7.50	2055	10	2022	C	6.00	36015
10	2022	C	10.00	1793	10	2022	P	6.00	33739
10	2022	C	9.00	1691	10	2022	P	5.00	29972
10	2022	P	6.50	1597	10	2022	P	2.50	28006
10	2022	C	9.25	1231	10	2022	C	10.00	23749
10	2022	P	7.40	1160	10	2022	C	12.00	23515
2	2023	C	13.00	1150	10	2022	C	5.00	23269
10	2022	C	11.00	1118	12	2022	P	5.00	23112
11	2022	C	10.00	1048	3	2023	C	10.00	23074
10	2022	C	9.15	1000	11	2022	P	4.00	22883
12	2022	C	13.00	902	10	2022	P	3.50	22294
1	2023	C	13.00	900	5	2023	P	2.00	22227
4	2024	C	7.00	900	10	2022	P	4.00	21667
5	2024	C	7.00	900	4	2023	P	3.00	19911
6	2024	C	7.00	900	10	2022	P	7.00	19473
7	2024	C	7.00	900	10	2022	P	8.00	19443
8	2024	C	7.00	900	4	2023	P	3.50	19276
9	2024	C	7.00	900	10	2023	P	3.00	19018
10	2024	C	7.00	900	10	2022	P	5.50	18307
10	2022	P	6.00	799	12	2022	C	5.00	18218
1	2023	C	10.00	798	3	2023	C	20.00	18202
1	2024	C	7.00	750	3	2023	P	3.00	17974
2	2024	C	7.00	750	10	2022	C	8.00	17888
3	2024	C	7.00	750	5	2023	P	3.50	17675
11	2024	C	7.00	750	10	2023	P	2.50	17550
12	2024	C	7.00	750	11	2022	P	5.00	17481
10	2022	C	9.20	607	7	2023	P	3.50	17350
3	2023	P	3.00	600	8	2023	P	3.50	17350
4	2023	P	4.00	575	9	2023	P	3.50	17340
5	2023	P	4.00	575	1	2023	C	10.00	17312
6	2023	P	4.00	575	10	2023	P	3.50	17240
7	2023	P	4.00	575	6	2023	P	3.50	17100
8	2023	P	4.00	575	10	2022	P	2.00	16759
9	2023	P	4.00	575	11	2022	P	6.00	16548
10	2023	P	4.00	575	12	2022	P	4.00	16422
10	2022	C	8.50	556	6	2023	P	3.00	16295
11	2022	C	11.00	554	5	2023	P	3.00	16273
2	2023	C	10.00	551	12	2022	C	4.00	16194
1	2023	P	3.50	550	11	2022	C	12.00	16148
10	2022	P	7.75	531	11	2022	C	4.00	15755
10	2022	C	12.00	509	10	2023	P	2.00	15710
1	2023	P	4.00	500	10	2023	P	4.00	15636
2	2023	P	6.25	500	7	2023	P	3.00	15625
3	2023	P	2.50	500	8	2023	P	3.00	15425
4	2023	C	8.00	500	9	2023	P	3.00	15425
4	2023	P	3.00	500	2	2023	C	10.00	15289
5	2023	C	8.00	500	10	2022	P	3.25	15196
5	2023	P	3.00	500	10	2022	C	12.50	15189
					11	2022	C	8	15143.5

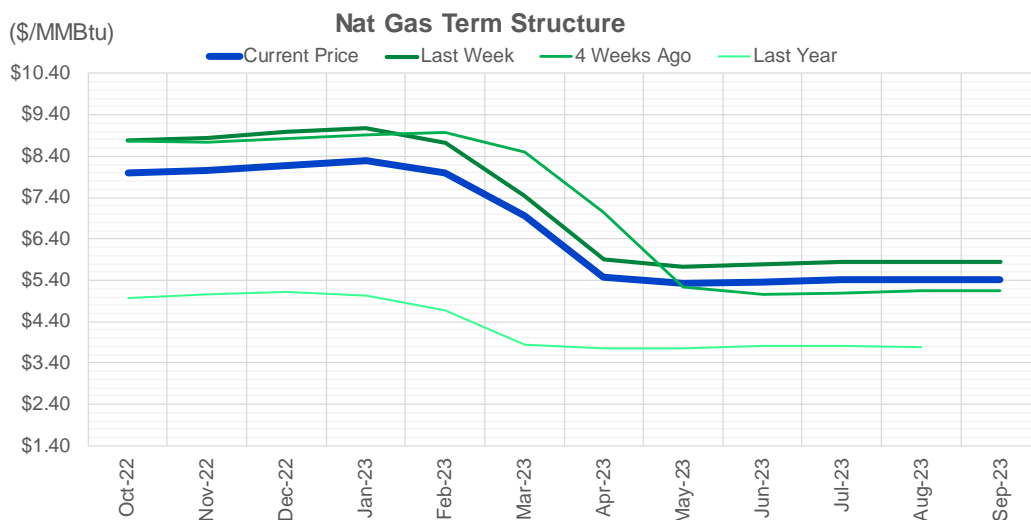
Source: CME, ICE

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
OCT 22	89237	95659	-6422	OCT 22	76275	77652	-1377
NOV 22	135701	131606	4095	NOV 22	72872	72225	647
DEC 22	66163	66037	126	DEC 22	67471	67055	416
JAN 23	88106	88619	-513	JAN 23	66419	66431	-13
FEB 23	41770	41701	69	FEB 23	66293	65678	615
MAR 23	70782	69809	973	MAR 23	56823	56938	-116
APR 23	75907	74740	1167	APR 23	53246	53078	168
MAY 23	79033	78651	382	MAY 23	52673	52793	-120
JUN 23	24584	24537	47	JUN 23	45748	45658	89
JUL 23	24985	24755	230	JUL 23	44879	44775	104
AUG 23	19948	19909	39	AUG 23	43437	43349	88
SEP 23	23425	23466	-41	SEP 23	43218	43027	192
OCT 23	53958	53579	379	OCT 23	51025	50961	64
NOV 23	16464	16454	10	NOV 23	46746	46711	35
DEC 23	13645	13555	90	DEC 23	40660	40570	90
JAN 24	20191	20034	157	JAN 24	39984	39937	47
FEB 24	8717	8707	10	FEB 24	31185	31089	97
MAR 24	18616	18561	55	MAR 24	36209	36140	69
APR 24	14760	14692	68	APR 24	28725	28617	107
MAY 24	7412	7407	5	MAY 24	27635	27536	99
JUN 24	2857	2865	-8	JUN 24	24938	24838	100
JUL 24	3428	3422	6	JUL 24	24713	24610	103
AUG 24	3426	3424	2	AUG 24	24410	24299	111
SEP 24	2209	2202	7	SEP 24	24190	24102	88
OCT 24	8631	8637	-6	OCT 24	27832	27614	218
NOV 24	4896	4894	2	NOV 24	25234	25144	90
DEC 24	8182	8181	1	DEC 24	28603	28514	89
JAN 25	17670	17665	5	JAN 25	23082	23036	46
FEB 25	1570	1554	16	FEB 25	15246	15227	19
MAR 25	5166	5166	0	MAR 25	17135	17163	-28

Source: CME, ICE



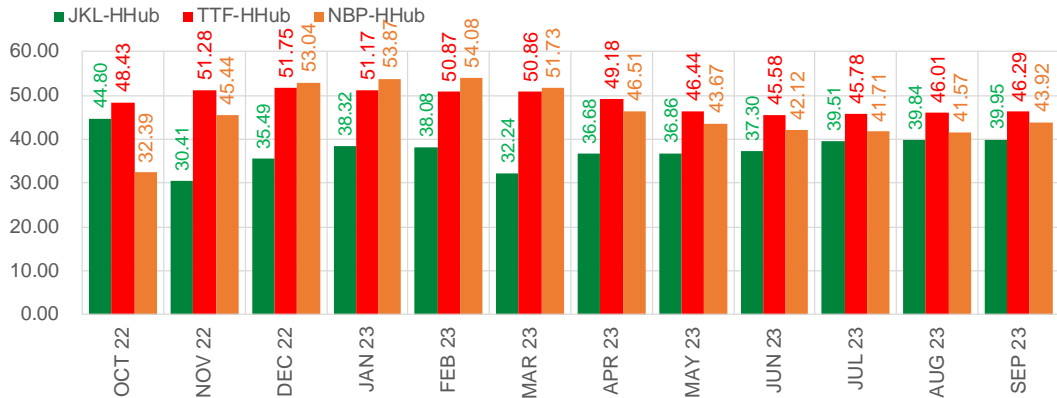
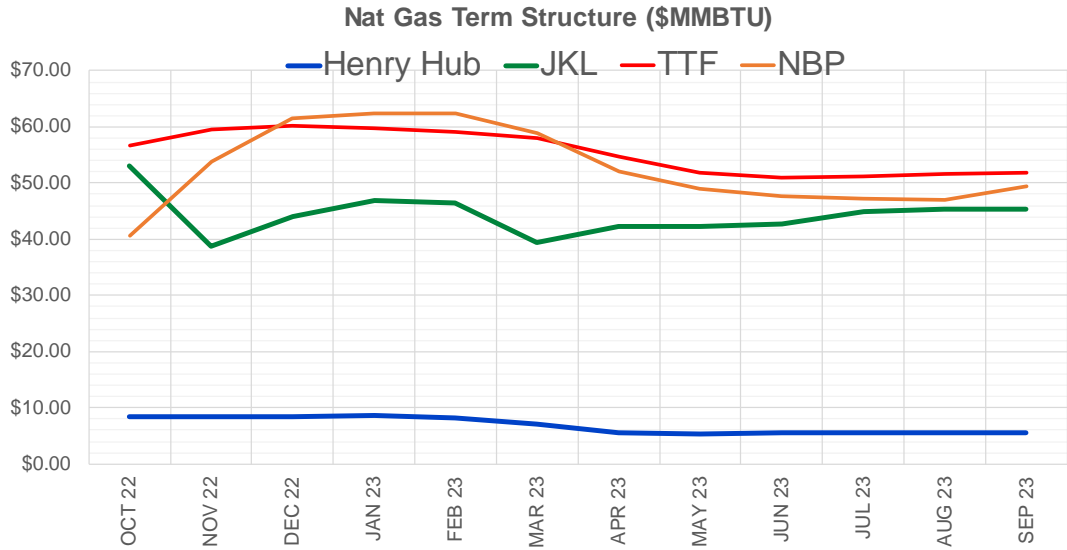


	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Current Price	\$7.996	\$8.044	\$8.183	\$8.278	\$7.989	\$6.953	\$5.469	\$5.319	\$5.366	\$5.417	\$5.430	\$5.413
Last Week	\$8.786	\$8.850	\$8.997	\$9.078	\$8.731	\$7.456	\$5.890	\$5.733	\$5.786	\$5.842	\$5.856	\$5.842
vs. Last Week	-\$0.790	-\$0.806	-\$0.814	-\$0.800	-\$0.742	-\$0.503	-\$0.421	-\$0.414	-\$0.420	-\$0.425	-\$0.426	-\$0.429
4 Weeks Ago	\$8.768	\$8.744	\$8.816	\$8.927	\$8.984	\$8.507	\$7.040	\$5.229	\$5.050	\$5.098	\$5.147	\$5.157
vs. 4 Weeks Ago	-\$0.772	-\$0.700	-\$0.633	-\$0.649	-\$0.995	-\$1.554	-\$1.571	\$0.090	\$0.316	\$0.319	\$0.283	\$0.256
Last Year	\$4.938	\$4.973	\$5.067	\$5.129	\$5.028	\$4.680	\$3.854	\$3.742	\$3.770	\$3.802	\$3.809	\$3.794
vs. Last Year	\$3.058	\$3.071	\$3.116	\$3.149	\$2.961	\$2.273	\$1.615	\$1.577	\$1.596	\$1.615	\$1.621	\$1.619

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	7.61	8.07	0.46
TETCO M3	\$/MMBtu	7.46	7.34	-0.12
FGT Zone 3	\$/MMBtu	7.48	9.54	2.06
Zone 6 NY	\$/MMBtu	7.48	7.41	-0.08
Chicago Citygate	\$/MMBtu	7.55	8.16	0.61
Michcon	\$/MMBtu	7.59	7.97	0.38
Columbia TCO Pool	\$/MMBtu	7.18	7.40	0.22
Ventura	\$/MMBtu	5.95	8.10	2.15
Rockies/Opal	\$/MMBtu	7.50	7.87	0.37
El Paso Permian Basin	\$/MMBtu	6.65	6.68	0.03
Socal Citygate	\$/MMBtu	8.83	8.39	-0.44
Malin	\$/MMBtu	7.55	8.09	0.54
Houston Ship Channel	\$/MMBtu	7.68	7.99	0.31
Henry Hub Cash	\$/MMBtu	8.22	7.93	-0.30
AECO Cash	C\$/GJ	3.56	4.29	0.73
Station2 Cash	C\$/GJ	3.18	8.07	4.89
Dawn Cash	C\$/GJ	7.58	8.01	0.43

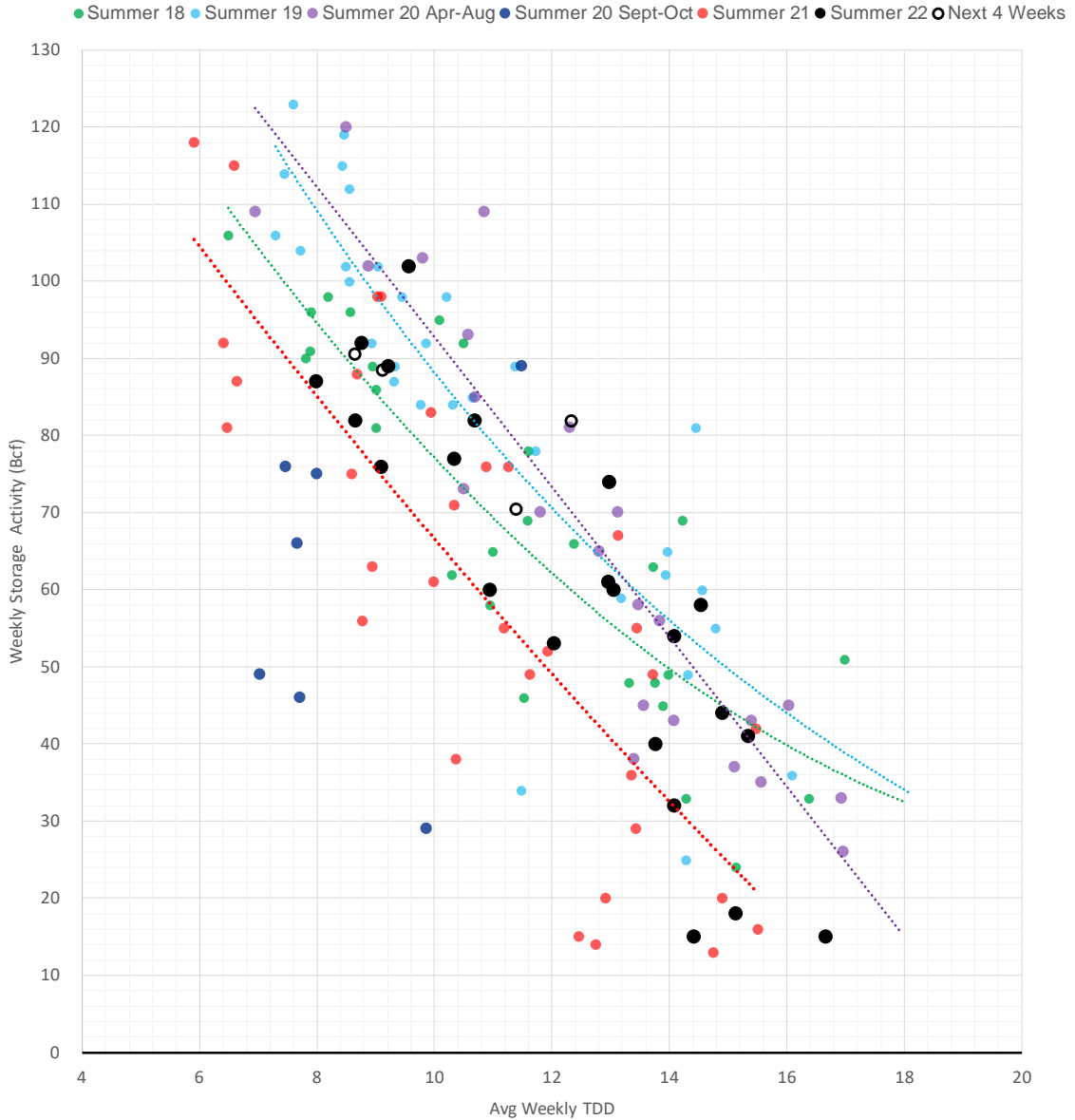
Source: CME, Bloomberg

	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 0.610
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.319
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.016
NatGas Apr22/Oct22	\$/MMBtu	2.913	▼ -0.537	▼ -0.463	▲ 2.961
WTI Crude	\$/Bbl	87.78	▲ 0.910	▼ -1.630	▲ 17.330
Brent Crude	\$/Bbl	94.00	▼ -1.740	▼ -1.100	▲ 20.490
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	360.31	▲ 2.510	▲ 16.280	▲ 144.480
Propane, Mt. Bel	cents/Gallon	1.05	▼ -0.028	▼ -0.021	▼ -0.166
Ethane, Mt. Bel	cents/Gallon	0.51	▼ -0.054	▼ -0.080	▲ 0.130
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			

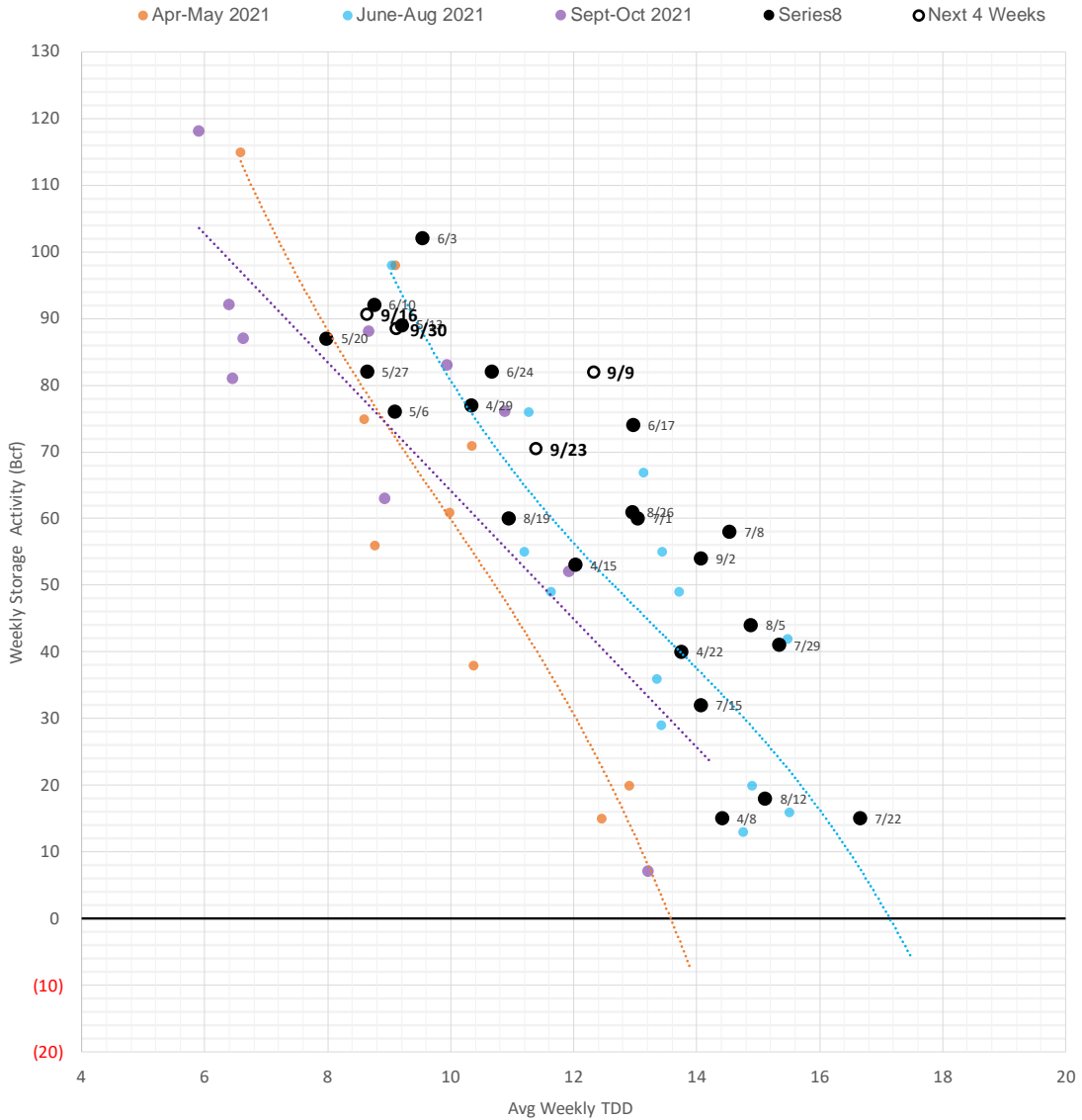


	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23
Henry Hub	\$8.329	\$8.369	\$8.503	\$8.592	\$8.274	\$7.111	\$5.566	\$5.403	\$5.449	\$5.499	\$5.509	\$5.490
JKL	\$53.125	\$38.775	\$43.990	\$46.915	\$46.355	\$39.355	\$42.250	\$42.265	\$42.750	\$45.010	\$45.350	\$45.435
JKL-HHub	\$44.796	\$30.406	\$35.487	\$38.323	\$38.081	\$32.244	\$36.684	\$36.862	\$37.301	\$39.511	\$39.841	\$39.945
TTF	\$56.755	\$59.646	\$60.253	\$59.766	\$59.143	\$57.972	\$54.741	\$51.838	\$51.024	\$51.274	\$51.516	\$51.776
TTF-HHub	\$48.426	\$51.277	\$51.750	\$51.174	\$50.869	\$50.861	\$49.175	\$46.435	\$45.575	\$45.775	\$46.007	\$46.286
NBP	\$40.718	\$53.813	\$61.538	\$62.465	\$62.355	\$58.838	\$52.074	\$49.075	\$47.565	\$47.206	\$47.081	\$49.410
NBP-HHub	\$32.389	\$45.444	\$53.035	\$53.873	\$54.081	\$51.727	\$46.508	\$43.672	\$42.116	\$41.707	\$41.572	\$43.920

Weather Storage Model - Next 4 Week Forecast



Weather Storage Model - Next 4 Week Forecast



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.

