

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 7.69	▼ \$ (0.09)	▼ \$ (0.15)

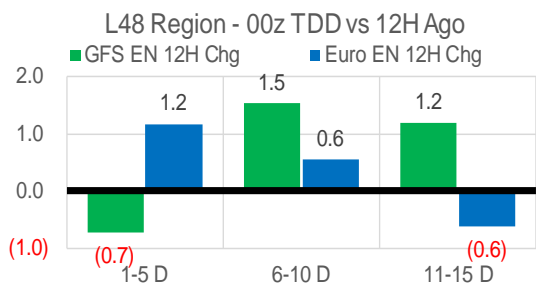
	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 84.13	▲ \$ 1.19	▼ \$ (0.7)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 90.99	▲ \$ 1.16	▼ \$ (0.1)

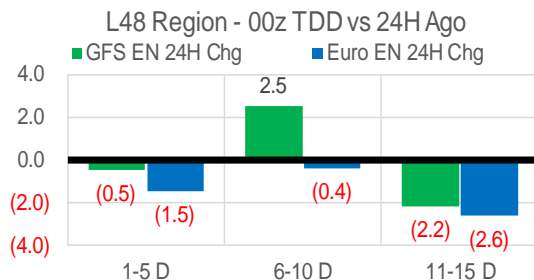
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- [Nat Gas Futures Open Interest](#)
- [Price Summary](#)

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	99.0	▼ -0.61	▼ -1.14

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	36.1	▼ -2.73	▼ -0.69

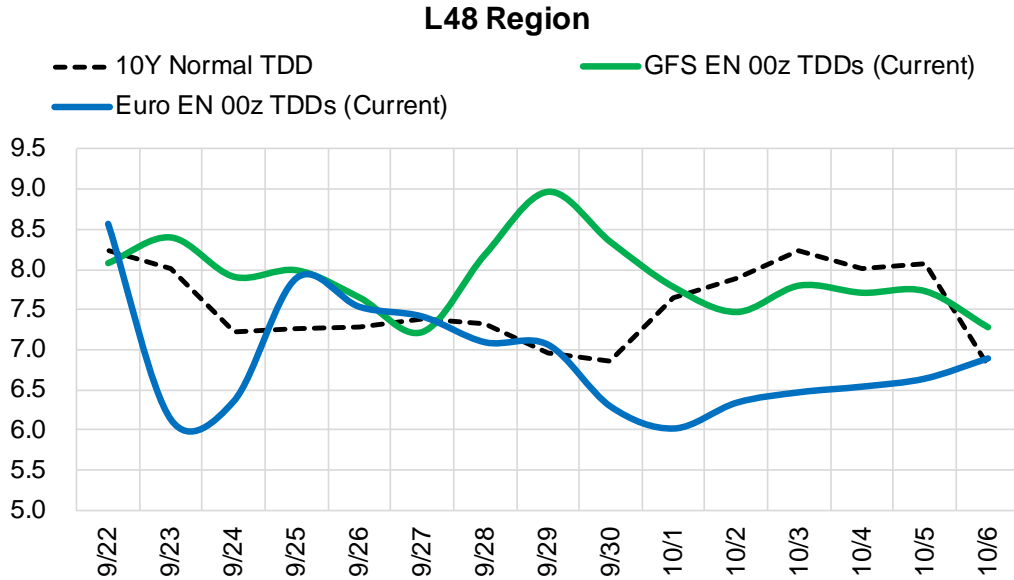
	Current	Δ from YD	Δ from 7D Avg
US ResComm	8.9	▲ 0.21	▲ 0.73

	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.2	▲ 0.05	▲ 0.21

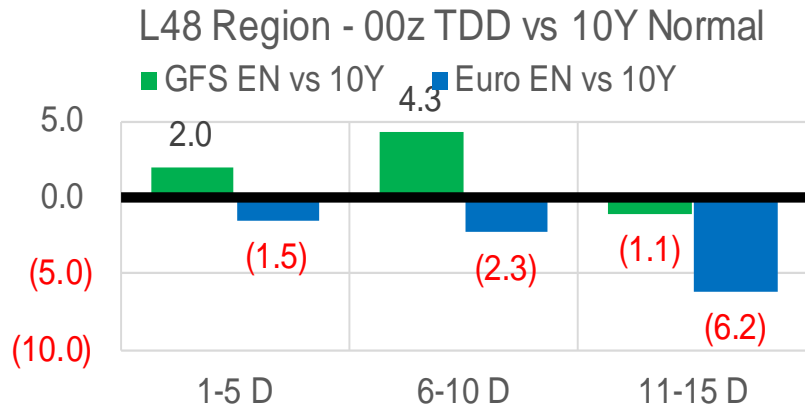
	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	11.4	▼ -0.18	▼ -0.15

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.6	▼ -0.42	▲ 0.25

Short-term Weather Model Outlooks (00z)



Vs. 10Y Normal



Source: WSI, Bloomberg

Lower 48 Component Models

Daily Balances

	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	DoD	vs. 7D
Lower 48 Dry Production	100.2	100.1	100.3	100.9	99.5	99.6	99.0	▼ -0.6	▼ -1.1
Canadian Imports	5.7	5.9	6.2	6.1	6.2	6.1	6.2	▲ 0.0	▲ 0.1
L48 Power	35.3	33.8	35.6	39.0	39.5	38.8	36.1	▼ -2.7	▼ -0.9
L48 Residential & Commercial	8.3	8.0	7.8	8.1	8.1	8.7	8.9	▲ 0.2	▲ 0.7
L48 Industrial	20.9	21.3	21.5	21.8	21.9	21.9	21.9	▲ 0.0	▲ 0.4
L48 Lease and Plant Fuel	5.4	5.4	5.4	5.5	5.4	5.4	5.3	▼ 0.0	▼ -0.1
L48 Pipeline Distribution	2.4	2.3	2.4	2.6	2.6	2.6	2.5	▼ -0.1	▼ 0.0
L48 Regional Gas Consumption	72.4	70.7	72.7	76.9	77.5	77.5	74.7	▼ -2.8	▲ 0.1
Net LNG Delivered	11.83	11.44	11.54	11.48	11.62	11.63	11.45	▼ -0.2	▼ -0.1
Total Mexican Exports	6.1	5.5	6.3	6.2	6.5	7.0	6.6	▼ -0.4	▲ 0.3
Implied Daily Storage Activity	15.6	18.4	16.1	12.4	10.0	9.7	12.5		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	LY 17-Sep	19-Aug	26-Aug	2-Sep	LW 9-Sep	Current 16-Sep	WoW	vs. LY
Lower 48 Dry Production	93.3	97.8	98.6	99.8	100.4	100.4	▼ 0.0	▲ 7.1
Canadian Imports	5.0	4.8	5.4	5.7	5.8	5.5	▼ -0.3	▲ 0.4
L48 Power	35.1	39.6	41.2	42.6	41.0	37.9	▼ -3.1	2.8
L48 Residential & Commercial	8.5	8.1	8.2	8.2	7.9	8.2	▲ 0.4	-0.3
L48 Industrial	20.5	21.3	21.0	21.9	21.2	21.2	▲ 0.0	0.7
L48 Lease and Plant Fuel	5.1	5.3	5.4	5.4	5.4	5.4	▼ 0.0	0.4
L48 Pipeline Distribution	2.4	2.5	2.6	2.7	2.7	2.6	▼ -0.2	0.1
L48 Regional Gas Consumption	71.6	76.8	78.5	80.8	78.2	75.4	▼ -2.9	▲ 3.7
Net LNG Exports	10.2	10.9	11.1	10.9	11.3	11.3	▼ 0.0	▲ 1.1
Total Mexican Exports	6.6	7.0	6.9	6.9	6.6	6.7	▲ 0.1	▲ 0.1
Implied Daily Storage Activity	9.8	7.9	7.6	7.0	10.2	12.6	2.4	2.8
EIA Reported Daily Storage Activity	10.9	8.6	8.7	7.7	11.0			
Daily Model Error	-1.1	-0.6	-1.1	-0.7	-0.8			

Monthly Balances

	2Yr Ago Sep-20	LY Sep-21	May-22	Jun-22	Jul-22	Aug-22	MTD Sep-22	MoM	vs. LY
Lower 48 Dry Production	88.9	93.6	95.8	96.5	97.1	98.6	100.3	▲ 1.7	▲ 6.7
Canadian Imports	3.8	5.1	5.1	5.7	5.9	5.4	5.8	▲ 0.4	▲ 0.6
L48 Power	34.4	33.1	29.8	38.0	43.7	42.6	38.9	▼ -3.7	▲ 5.8
L48 Residential & Commercial	8.9	8.7	12.4	9.1	9.0	8.3	8.1	▼ -0.2	▼ -0.6
L48 Industrial	19.9	20.2	19.7	18.7	19.5	21.3	21.0	▼ -0.3	▲ 0.8
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	80.3	76.1	▼ -4.2	▲ 6.5
Net LNG Exports	5.9	10.3	12.5	11.2	10.9	11.0	11.3	▲ 0.4	▲ 1.0
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	12.2		
EIA Reported Daily Storage Activity									
Daily Model Error					0.2				

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	DoD	vs. 7D
NRC Nuclear Daily Output	86.1	86.4	86.9	86.4	86.1	86.5	87.0	0.5	0.6
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	18.8	18.5	18.0	18.5	18.7	18.3	17.9	-0.5	-0.6
NRC % Nuclear Cap Utilization	87.5	87.9	88.4	87.8	87.6	88.0	88.5	0.5	0.6

Wind Generation Daily Average - MWh (EIA)

	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	DoD	vs. 7D
CALI Wind	2462	2883	2474	3033	2068	1239	1192	-47	-1168
TEXAS Wind	13152	12794	14525	16597	13917	10744	10293	-452	-3329
US Wind	51272	52821	48839	55278	46302	42932	48455	5522	-1120

Generation Daily Average - MWh (EIA)

	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	DoD	vs. 7D
US Wind	51272	52821	48839	55278	46302	42932	48455	5522	-1120
US Solar	16544	17256	17709	16714	16225	16213	16657	444	-120
US Petroleum	937	943	963	965	988	1137	1059	-79	70
US Other	9672	9788	10583	10268	10331	10946	10589	-358	324
US Coal	85291	86422	88829	82040	87278	94896	99454	4558	11994
US Nuke	88923	89429	89636	89013	88591	89348	89352	4	195
US Hydro	24123	24093	24107	22212	22423	24884	24555	-329	914
US Gas	184631	179376	180975	169311	182023	215964	215516	-449	30135

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	17-Sep	19-Aug	26-Aug	2-Sep	9-Sep	16-Sep	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	86.7	91.2	90.3	89.6	87.5	86.0	-1.5	0.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	18.2	13.7	14.5	15.2	17.4	18.9	1.5	
NRC % Nuclear Cap Utilization	88.2	92.8	91.9	91.2	88.9	87.4	-1.5	

Wind Generation Weekly Average - MWh (EIA)

	17-Sep	19-Aug	26-Aug	2-Sep	9-Sep	16-Sep	WoW	WoW Bcf/d Impact
CALI Wind	2083	1953	2324	1825	1285	2033	748	-0.1
TEXAS Wind	9541	7139	5879	6839	4092	8875	4783	-0.9
US Wind	42417	28474	23582	36122	27253	37393	10140	-1.8
							37%	
						1.2		

Generation Weekly Average - MWh (EIA)

	17-Sep	19-Aug	26-Aug	2-Sep	9-Sep	16-Sep	LY	Current	YoY	WoW Bcf/d Impact
US Wind	42417	28474	23582	36122	27253	37393			10140	-1.8
US Solar	14069	16951	15905	17073	16144	14683			-1461	0.3
US Petroleum	425	1045	1047	1075	1105	1029			-76	0.0
US Other	9289	9886	10332	10580	9947	9869			-78	0.0
US Coal	114911	112914	114538	113005	105982	91205			-14778	2.7
US Nuke	89509	94032	92872	92018	89638	88711			-927	0.2
US Hydro	24153	30431	30663	27850	27940	25848			-2092	0.4
US Gas	184243	218153	227218	232735	227615	200912			-26703	-4.8

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	89.9	88.7	88.6	90.6	90.5	86.8	87.7	-3.7
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	15.0	16.2	16.3	14.3	14.3	18.0	17.2	3.7	1.0
NRC % Nuclear Cap Utilization	91.4	90.2	90.1	92.1	92.1	88.3	89.2	-3.8	-1.0

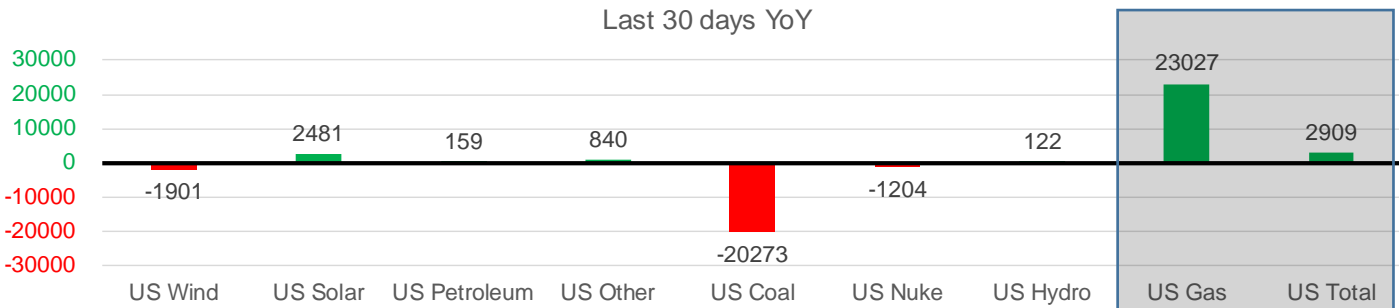
Wind Generation Monthly Average - MWh (EIA)

	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	1438	1929	2892	2719	2028	1689	1727	-339
TEXAS Wind	6762	8636	13378	11765	8440	8217	7692	-222	-944
US Wind	30503	37862	46918	39701	33222	37105	35962	3883	-1901

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	30503	37862	46918	39701	33222	37105	35962	▼-1143.1
US Solar	9534	13650	19376	18598	16998	15833	16132	▲298.4	▲2481
US Petroleum	977	902	1001	1252	1253	1042	1061	▲19	▲159
US Other	8733	9430	8608	10129	10425	10114	10269	▲156	▲840
US Coal	108161	122343	105517	119788	117200	97571	102070	▲4499	▼-20273
US Nuke	92613	91330	89949	92883	92969	89293	90126	▲833	▼-1204
US Hydro	27455	26643	37531	34227	30121	26001	26765	▲764	▲122
US Gas	192654	193859	200872	235766	233735	210694	216886	▲5426	▲23027
US Total	468630	496098	509350	551822	535672	487363	499007	▲11996	▲2909

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Regional S/D Models Storage Projection

Week Ending 16-Sep

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	13.6	-0.1	13.6	95
East	1.8	1.8	3.6	25
Midwest	5.2	0.1	5.3	37
Mountain	4.9	-4.2	0.7	5
South Central	0.8	2.8	3.6	26
Pacific	0.9	-0.6	0.3	2

*Adjustment Factor is calculated based on historical regional deltas

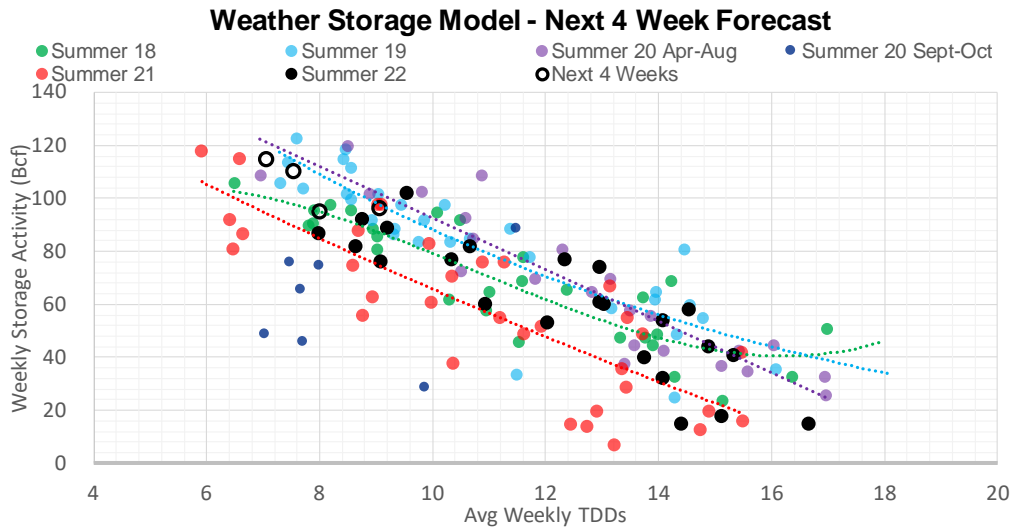
U.S. underground natural gas storage facilities by type (July 2015)



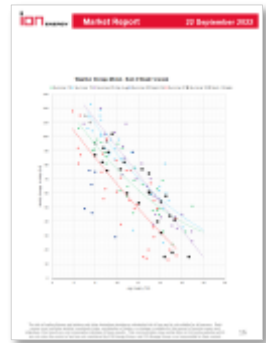
Weather Model Storage Projection

Next report
and beyond

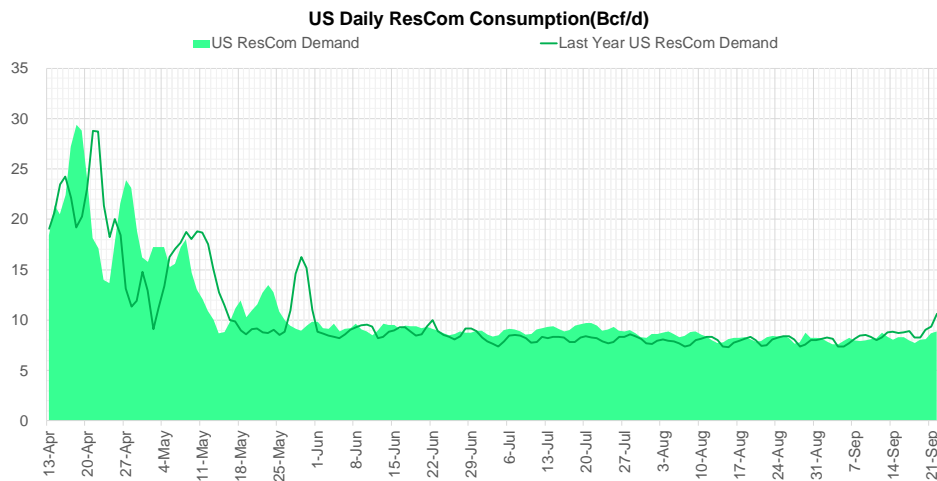
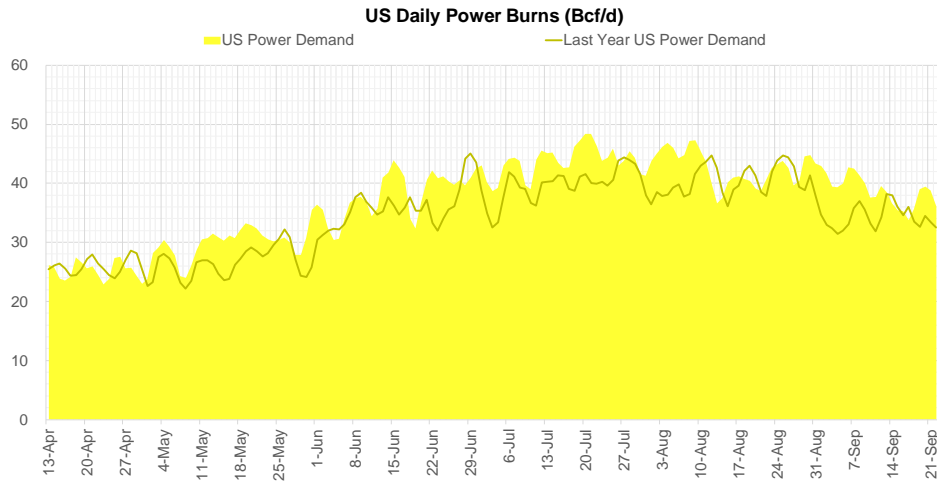
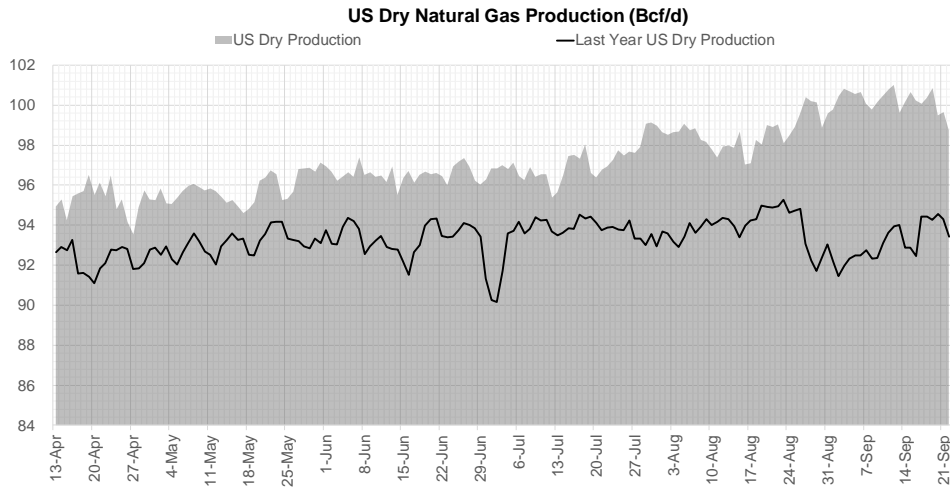
Week Ending	GWDDs	Week Storage Projection
16-Sep	8.0	95
23-Sep	9.1	96
30-Sep	7.6	110
07-Oct	7.1	114



Go to larger image



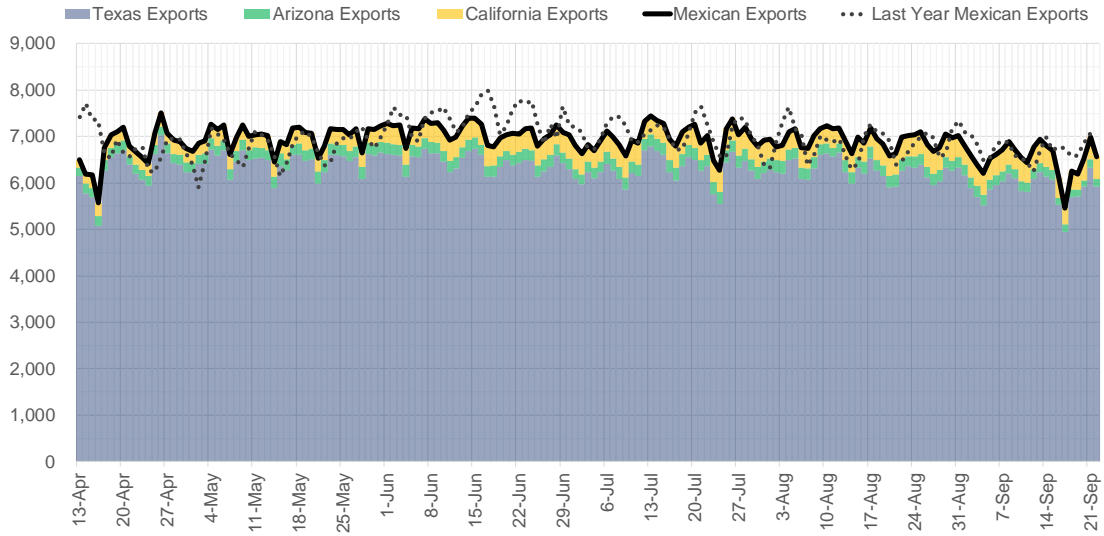
Supply – Demand Trends



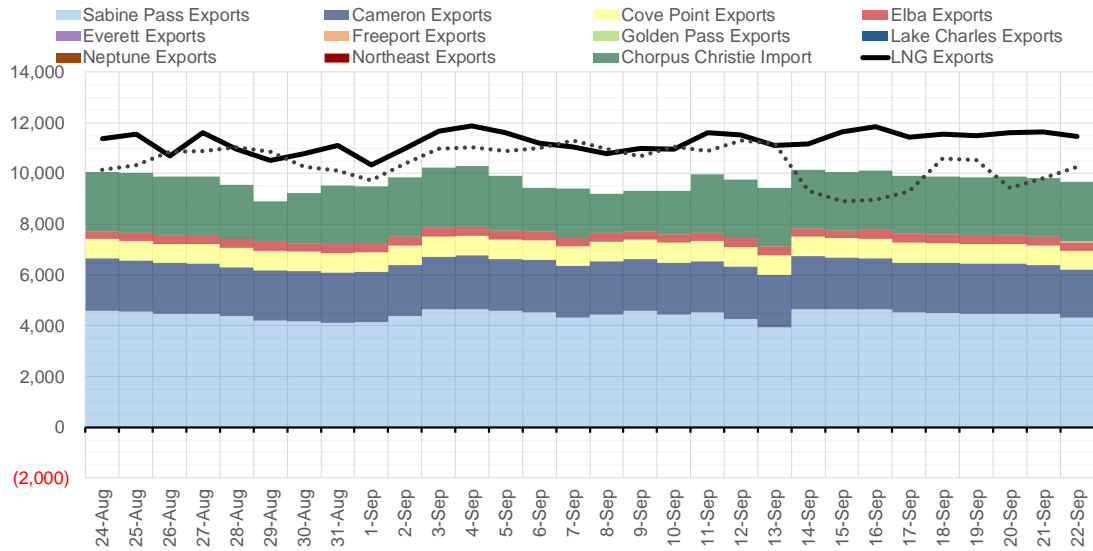
Source: Bloomberg

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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

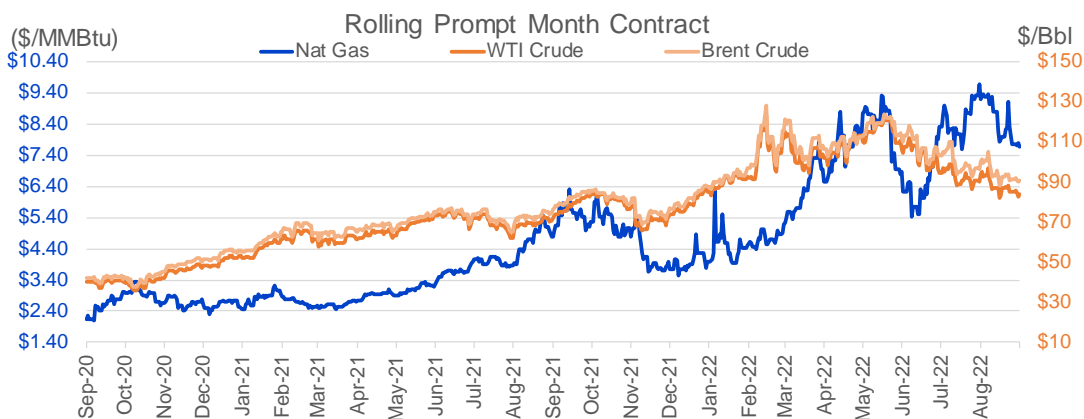
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
10	2022	C	9.00	7495	10	2022	P	3.00	36677
10	2022	P	7.00	4805	10	2022	C	6.00	36015
10	2022	C	8.50	4224	10	2022	P	6.00	35449
1	2023	P	5.00	3831	10	2022	P	5.00	30734
1	2023	P	4.50	3556	10	2022	P	2.50	28006
3	2023	P	4.50	3536	10	2022	C	10.00	25898
2	2023	P	4.50	3500	10	2022	C	5.00	23569
1	2023	P	4.00	3250	3	2023	C	10.00	23270
10	2022	P	6.50	3168	10	2022	C	12.00	22936
2	2023	P	5.00	2550	11	2022	P	4.00	22475
3	2023	P	5.00	2475	10	2022	P	3.50	22296
2	2023	P	4.00	2235	5	2023	P	2.00	22227
10	2022	P	7.50	2209	12	2022	P	5.00	21878
3	2023	P	4.00	1850	10	2022	P	4.00	21627
4	2023	P	4.00	1700	4	2023	P	3.00	21336
10	2022	C	8.75	1623	10	2022	P	8.00	20292
5	2023	P	4.00	1500	10	2023	P	3.00	20018
6	2023	P	4.00	1500	10	2022	P	7.00	20001
7	2023	P	4.00	1500	4	2023	P	3.50	19521
8	2023	P	4.00	1500	10	2022	C	8.00	19116
9	2023	P	4.00	1500	10	2022	C	9.00	19088
10	2023	P	4.00	1500	3	2023	C	20.00	18904
10	2022	P	7.25	1488	12	2022	C	5.00	18222
11	2022	C	10.00	1448	12	2022	P	6.00	18210
10	2022	C	8.00	1352	5	2023	P	3.50	17920
11	2022	C	14.00	1031	10	2023	P	2.50	17850
10	2022	P	8.00	989	3	2023	P	3.00	17699
3	2023	C	12.00	950	6	2023	P	3.00	17670
12	2022	C	9.00	934	5	2023	P	3.00	17648
10	2022	C	7.00	925	1	2023	C	10.00	17603
4	2023	P	4.50	925	7	2023	P	3.50	17470
11	2022	P	6.00	905	8	2023	P	3.50	17470
2	2023	C	9.00	893	9	2023	P	3.50	17460
11	2022	P	7.50	866	10	2023	P	3.50	17435
10	2022	P	6.00	841	6	2023	P	3.50	17395
5	2023	P	4.50	825	11	2022	P	5.00	17361
6	2023	P	4.50	825	10	2022	P	2.00	16759
7	2023	P	4.50	825	10	2022	P	5.50	16652
8	2023	P	4.50	825	12	2022	P	4.00	16540
9	2023	P	4.50	825	3	2023	P	4.00	16355
10	2023	P	4.50	825	7	2023	P	3.00	16300
10	2022	C	8.25	813	12	2022	C	4.00	16194
10	2022	C	11.00	801	8	2023	P	3.00	16100
3	2023	C	10.00	700	9	2023	P	3.00	16100
11	2022	C	8.50	694	10	2023	P	4.00	16011
12	2022	P	4.50	659	11	2022	C	12.00	16001
12	2022	P	7.00	620	11	2022	P	6.00	15796
11	2022	P	7.00	581	11	2022	C	4.00	15755
10	2022	C	10.00	567	2	2023	C	10.00	15699
					4	2023	P	4	15521

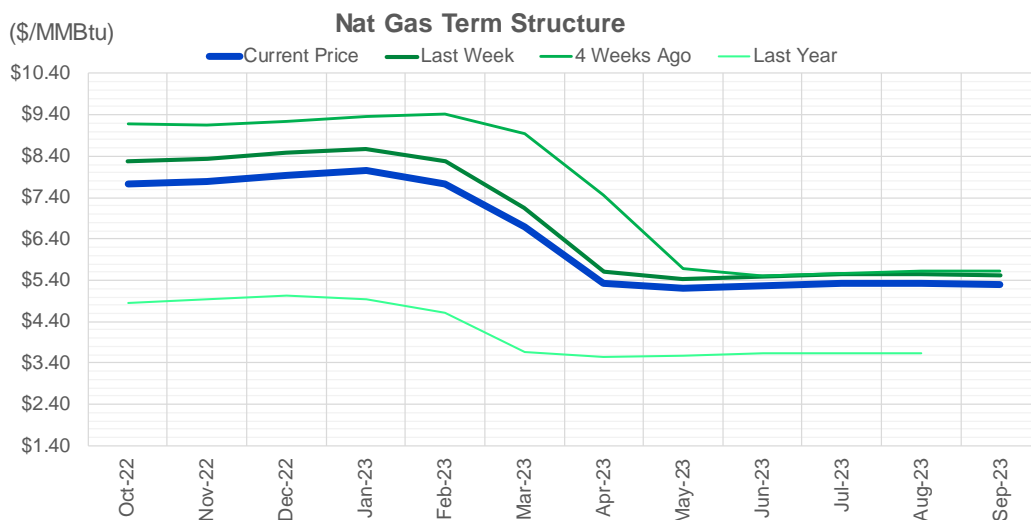
Source: CME, ICE

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	36550	47966	-11416	OCT 22	72955	73541	-586
NOV 22	159515	155902	3613	NOV 22	71209	71803	-594
DEC 22	65906	64989	917	DEC 22	68517	68564	-47
JAN 23	85847	86164	-317	JAN 23	65477	65450	27
FEB 23	39410	39296	114	FEB 23	66337	66464	-127
MAR 23	71741	71696	45	MAR 23	56511	56293	218
APR 23	76209	75274	935	APR 23	52556	52516	41
MAY 23	78985	79197	-212	MAY 23	53097	52961	136
JUN 23	23432	23682	-250	JUN 23	45093	45129	-36
JUL 23	23748	23526	222	JUL 23	44042	43941	101
AUG 23	19684	19748	-64	AUG 23	43108	42968	140
SEP 23	22201	22524	-323	SEP 23	42615	42431	184
OCT 23	54568	54470	98	OCT 23	52164	51694	471
NOV 23	17318	17171	147	NOV 23	47181	46748	433
DEC 23	14438	14400	38	DEC 23	40769	40347	422
JAN 24	24972	24125	847	JAN 24	42009	41450	559
FEB 24	9248	9224	24	FEB 24	30769	30569	200
MAR 24	18700	19035	-335	MAR 24	36523	36450	73
APR 24	14890	14904	-14	APR 24	29276	29032	244
MAY 24	7657	7551	106	MAY 24	27899	27642	257
JUN 24	2926	2898	28	JUN 24	25210	24951	259
JUL 24	3512	3492	20	JUL 24	24799	24730	70
AUG 24	3418	3416	2	AUG 24	24490	24428	62
SEP 24	2236	2250	-14	SEP 24	24216	24156	60
OCT 24	8734	8736	-2	OCT 24	28088	28076	12
NOV 24	4882	4878	4	NOV 24	25360	25420	-60
DEC 24	8200	8193	7	DEC 24	28739	28794	-54
JAN 25	17251	17791	-540	JAN 25	23106	23022	84
FEB 25	1579	1579	0	FEB 25	15601	15575	26
MAR 25	5218	5198	20	MAR 25	17835	17704	131

Source: CME, ICE



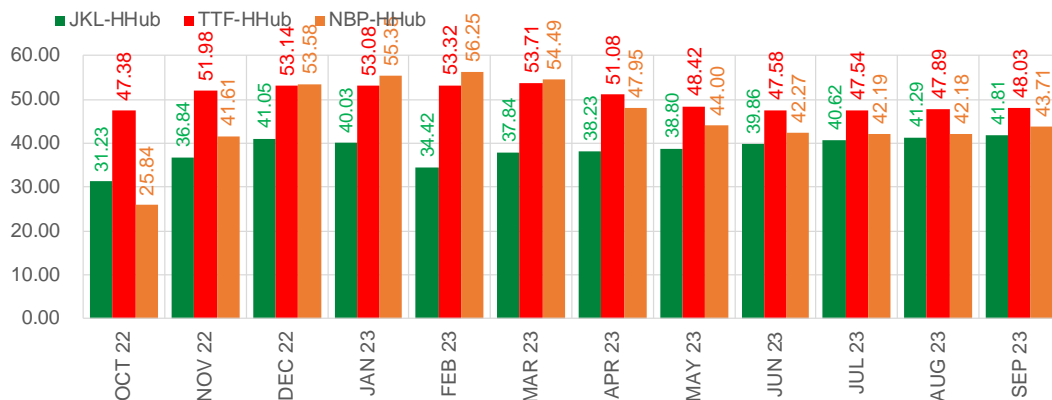
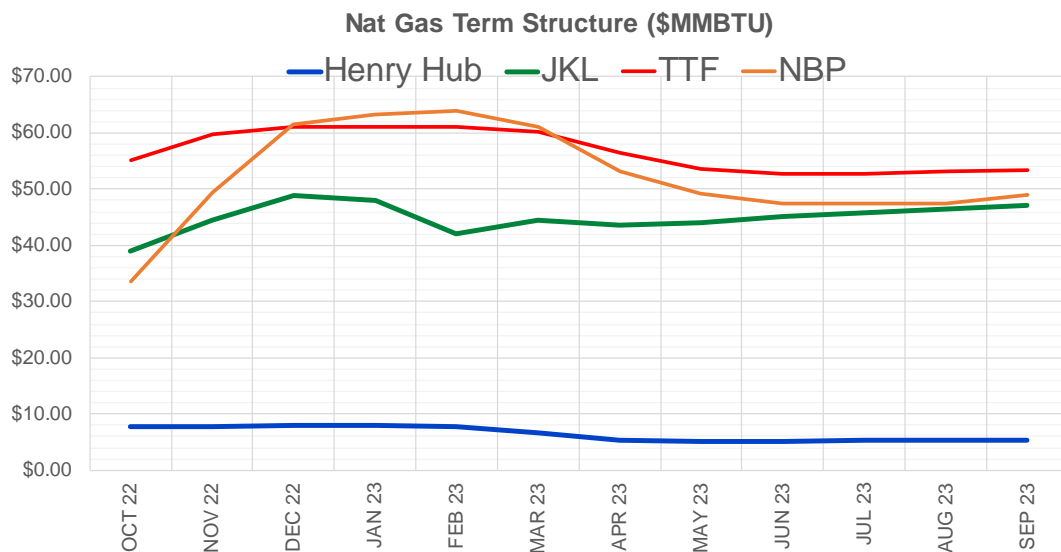


	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Current Price	\$7.717	\$7.772	\$7.932	\$8.046	\$7.729	\$6.688	\$5.335	\$5.206	\$5.259	\$5.313	\$5.324	\$5.303
Last Week	\$8.284	\$8.334	\$8.477	\$8.573	\$8.277	\$7.162	\$5.594	\$5.438	\$5.485	\$5.535	\$5.545	\$5.525
vs. Last Week	-\$0.567	-\$0.562	-\$0.545	-\$0.527	-\$0.548	-\$0.474	-\$0.259	-\$0.232	-\$0.226	-\$0.222	-\$0.221	-\$0.222
4 Weeks Ago	\$9.193	\$9.155	\$9.225	\$9.350	\$9.418	\$8.929	\$7.469	\$5.690	\$5.516	\$5.562	\$5.609	\$5.621
vs. 4 Weeks Ago	-\$1.476	-\$1.383	-\$1.293	-\$1.304	-\$1.689	-\$2.241	-\$2.134	-\$0.484	-\$0.257	-\$0.249	-\$0.285	-\$0.318
Last Year	\$4.805	\$4.842	\$4.953	\$5.023	\$4.936	\$4.616	\$3.672	\$3.556	\$3.592	\$3.638	\$3.644	\$3.625
vs. Last Year	\$2.912	\$2.930	\$2.979	\$3.023	\$2.793	\$2.072	\$1.663	\$1.650	\$1.667	\$1.675	\$1.680	\$1.678

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	6.35	8.50	2.15
TETCO M3	\$/MMBtu	6.11	7.87	1.76
FGT Zone 3	\$/MMBtu	6.94	9.81	2.88
Zone 6 NY	\$/MMBtu	6.94	7.88	0.95
Chicago Citygate	\$/MMBtu	6.81	8.53	1.72
Michcon	\$/MMBtu	6.85	8.48	1.63
Columbia TCO Pool	\$/MMBtu	6.79	7.89	1.11
Ventura	\$/MMBtu	5.95	8.51	2.56
Rockies/Opal	\$/MMBtu	6.82	8.23	1.41
El Paso Permian Basin	\$/MMBtu	5.11	6.75	1.64
Socal Citygate	\$/MMBtu	7.37	8.75	1.38
Malin	\$/MMBtu	6.91	8.46	1.55
Houston Ship Channel	\$/MMBtu	7.03	8.40	1.37
Henry Hub Cash	\$/MMBtu	8.00	8.31	0.31
AECO Cash	C\$/GJ	3.60	4.36	0.76
Station2 Cash	C\$/GJ	1.56	8.40	6.84
Dawn Cash	C\$/GJ	6.74	8.41	1.67

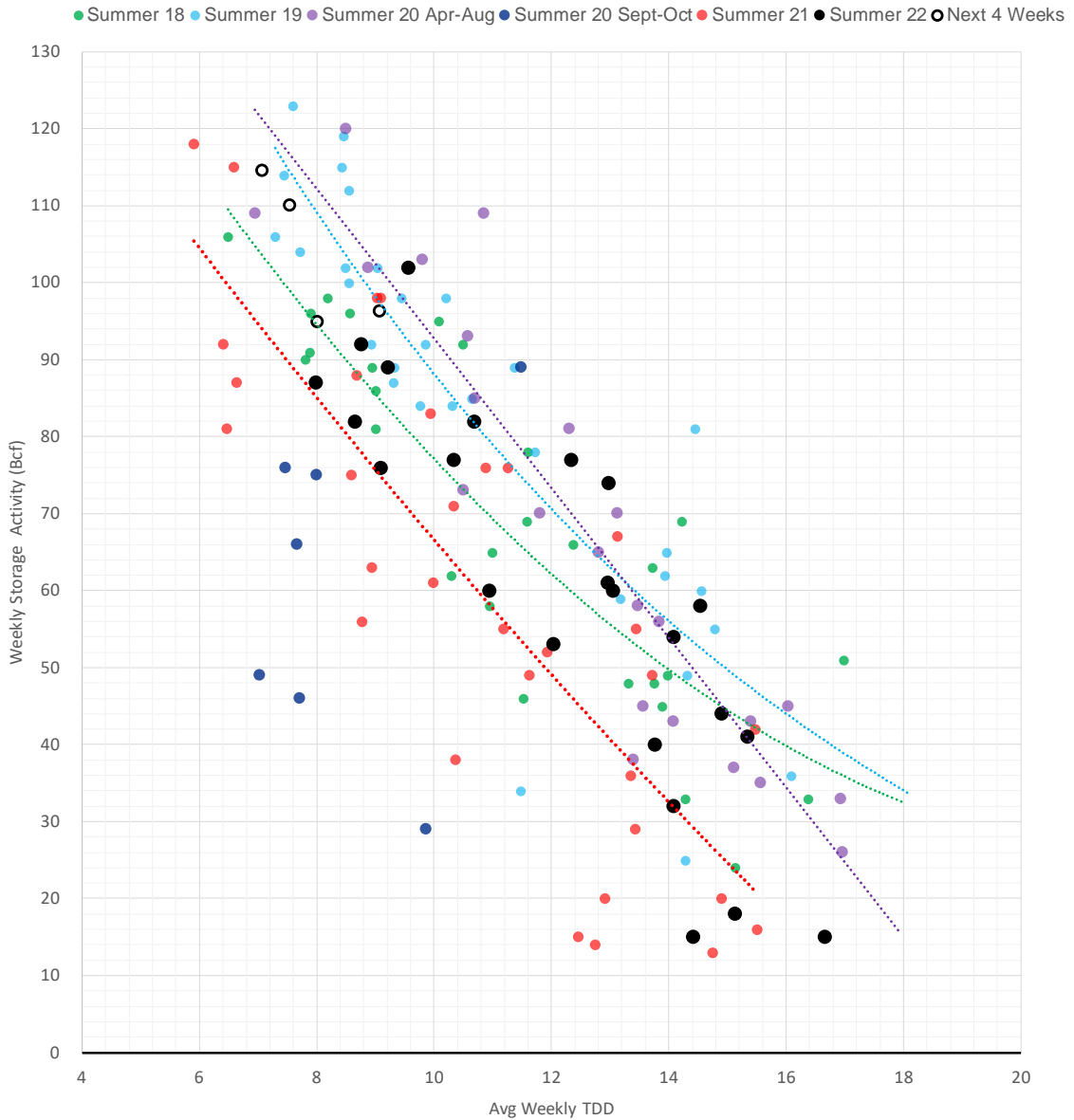
Source: CME, Bloomberg

	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 1.036
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.311
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.054
NatGas Apr22/Oct22	\$/MMBtu	2.443	▼ -1.335	▼ -1.521	▲ 2.471
WTI Crude	\$/Bbl	82.94	▼ -5.540	▼ -11.950	▲ 10.710
Brent Crude	\$/Bbl	89.83	▼ -4.270	▼ -11.390	▲ 13.640
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	333.38	▼ -4.510	▼ -67.940	▲ 112.220
Propane, Mt. Bel	cents/Gallon	1.02	▼ -0.044	▼ -0.080	▼ -0.260
Ethane, Mt. Bel	cents/Gallon	0.48	▼ -0.045	▼ -0.125	▲ 0.103
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			

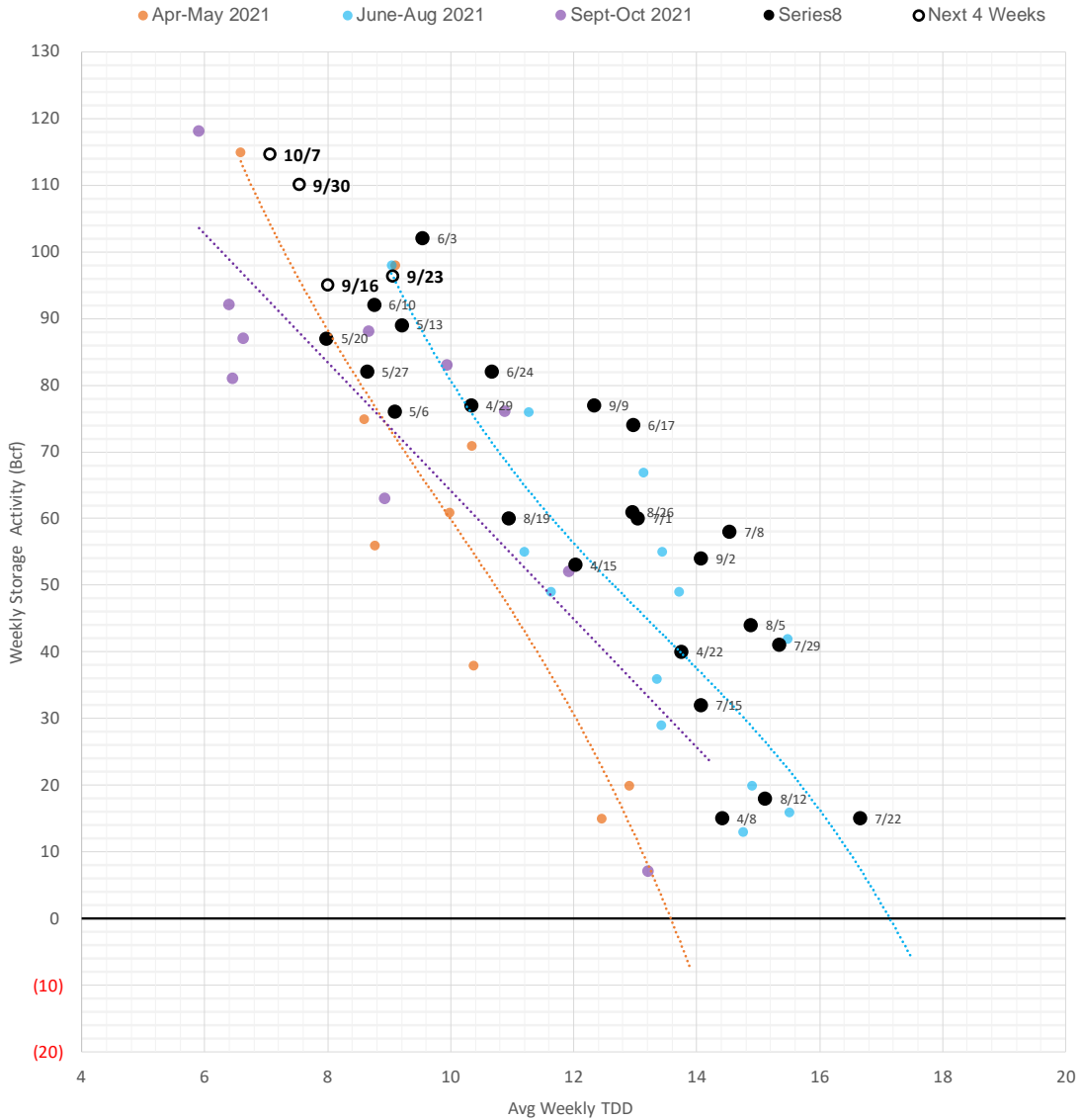


	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23
Henry Hub	\$7.687	\$7.737	\$7.894	\$8.020	\$7.656	\$6.594	\$5.277	\$5.149	\$5.208	\$5.273	\$5.272	\$5.253
JKL	\$38.915	\$44.580	\$48.940	\$48.050	\$42.080	\$44.435	\$43.505	\$43.950	\$45.065	\$45.895	\$46.565	\$47.060
JKL-HHub	\$31.228	\$36.843	\$41.046	\$40.030	\$34.424	\$37.841	\$38.228	\$38.801	\$39.857	\$40.622	\$41.293	\$41.807
TTF	\$55.070	\$59.716	\$61.031	\$61.098	\$60.973	\$60.304	\$56.361	\$53.566	\$52.792	\$52.811	\$53.166	\$53.278
TTF-HHub	\$47.383	\$51.979	\$53.137	\$53.078	\$53.317	\$53.710	\$51.084	\$48.417	\$47.584	\$47.538	\$47.894	\$48.025
NBP	\$33.522	\$49.343	\$61.471	\$63.373	\$63.902	\$61.081	\$53.231	\$49.148	\$47.479	\$47.466	\$47.448	\$48.966
NBP-HHub	\$25.835	\$41.606	\$53.577	\$55.353	\$56.246	\$54.487	\$47.954	\$43.999	\$42.271	\$42.193	\$42.176	\$43.713

Weather Storage Model - Next 4 Week Forecast



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