

Market Report

14 September 2022

	Cı	ırrent	Δ fro	m YD		m 7D .vg
Nat Gas Prompt	\$	8.40	\$	0.11	\$	0.36

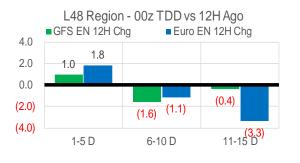
	С	urrent	Δ from YD	Δ from Av	
WTI Prompt	\$	86.58	\$ (0.73)	\$	0.7

	С	urrent	Δ from YD	Δ from Av	
Brent Prompt	\$	92.40	\$ (0.77)		9

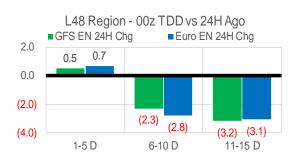
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Price Summary

Vs. 12H Ago



Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg		
US Dry Production	99.5	▼ 0.00	- 0.81		

	Current	Δ from YD	Δ from 7D Avg
US ResComm	7.9	▼ -0.49	▼ -0.26

	Current	Δ from YD	Δ from 7D Avg		
Net LNG Exports	11.7	0.53	a 0.57		

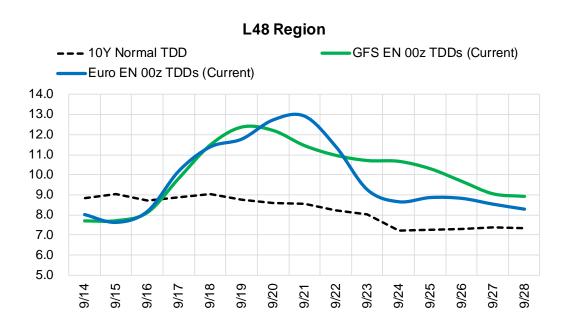
	Current	Δ from YD	Δ from 7D Avg
US Power Burns	37.9	▼ -0.31	▼ -1.18

	Current	Δ from YD	Δ from 7D Avg		
Canadian Imports	5.6	▲ 0.06	0.10		

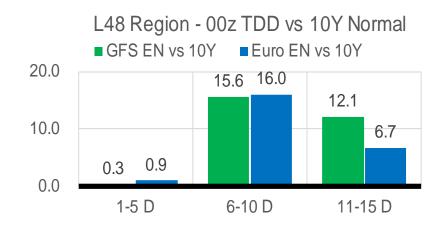
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.7	▼ -0.19	a 0.09



Short-term Weather Model Outlooks (00z)



Vs. 10Y Normal



Source: WSI, Bloomberg



Market Report

Lower 48 Component Models

Daily Balances

	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep	14-Sep	DoD	vs. 7D
Lower 48 Dry Production	99.8	100.2	100.5	100.9	101.1	99.5	99.5	▼ 0.0	▼ -0.8
Canadian Imports	5.2	5.3	5.5	5.5	5.6	5.5	5.6	▲ 0.1	0.1
L48 Power	40.8	39.3	37.0	37.4	38.7	38.2	37.9	▼ -0.3	- 0.7
L48 Residential & Commercial	7.9	7.9	8.1	8.2	8.7	8.4	7.9	▼ -0.5	- 0.3
L48 Industrial	21.0	20.9	20.7	20.4	20.3	20.2	20.2	0.0	- 0.4
L48 Lease and Plant Fuel	5.4	5.4	5.4	5.5	5.5	5.4	5.4	▼ 0.0	▼ -0.1
L48 Pipeline Distribution	2.7	2.6	2.5	2.5	2.6	2.6	2.5	▼ 0.0	▼ -0.1
L48 Regional Gas Consumption	77.8	76.2	73.7	74.0	75.8	74.7	73.9	▼-0.8	▼ -1.5
Net LNG Delivered	10.79	10.99	10.96	11.60	11.52	11.20	11.73	0.5	0.6
Total Mexican Exports	6.7	6.8	6.5	6.3	6.6	6.9	6.7	▼ -0.2	0.1
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	9.8	11.5	14.8	14.5	12.7	12.2	12.8		

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	1.9
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	77.7	▼ -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 EIA Reported Daily Storage Activity Daily Model Error	10.8 11.9 -1.0	2.2 2.6 -0.3	7.9 8.6 -0.6	7.6 8.7 -1.1	7.3 7.7 -0.5	10.8	3.5	0.0

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	100.4	1.8	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	6.5
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	21.3	21.1	▼-0.3	8.0
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	a 0.3
L48 Regional Gas Consumption	70.4	69.5	69.5	73.7	80.2	80.2	76.9	▼-3.4	7.3
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	6.6	▼-0.4	▼ -0.1
Implied Daily Storage Activity EIA Reported Daily Storage Activity	10.3	12.1	11.9	10.2	4.9	5.8	11.5		
Daily Model Error					0.2				

Source: Bloomberg, analytix.ai



Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	DoD	vs. 7D
NRC Nuclear Daily Output	87.4	86.9	86.7	86.9	86.9	86.9	86.9	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	17.5	17.9	18.2	18.0	18.0	18.0	18.0	0.0	0.1
NRC % Nuclear Cap Utilization	88.9	88.4	88.2	88.4	88.4	88.4	88.4	0.0	-0.1

Wind Generation Daily Average - MWh (EIA)

	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	DoD	vs. 7D
CALI Wind	747	1378	1145	1762	1426	892	1470	579	245
TEXAS Wind	4315	4720	2740	6885	7903	7097	4395	-2702	-1215
US Wind	20482	23741	34370	38143	32271	26235	25039	-1196	-4168

Generation Daily Average - MWh (EIA)

	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	DoD	vs. 7D
US Wind	20482	23741	34370	38143	32271	26235	25039	-1196	-4168
US Solar	16379	16249	13842	13048	11031	13471	14246	774	242
US Petroleum	1206	1101	1507	1080	1071	1058	1129	71	-42
US Other	10071	9781	9750	9495	9251	9430	9982	552	352
US Coal	109301	110417	102143	94833	93561	93917	94830	913	-5865
US Nuke	89668	89212	89149	89355	87175	88147	88714	568	-70
US Hydro	32219	31295	30114	29527	25906	24589	27407	2818	-1535
US Gas	243869	239381	227032	215789	198676	198094	218487	20393	-1987

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



US Hydro

US Gas

Nuclear Generation Weekly Average - GWh (NRC)

Storage Week Average Generation Data

Nuclear Scheration Weekly Av	ciuge - O	(141.0	''					
	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
CALI Wind	1236	1901	1953	2324	1825	1285	-540	Impact 0.1
TEXAS Wind	7327	8762	7139	5879	6839	4092	-340 -2747	0.1
US Wind	30677	32976	28474	23582	36122	27241	-8880	1.6
OS Willa	30077	32970	20474	23302	30122	21241	-25%	1.0
Generation Weekly Average - N	//Wh (EIA)				-0.4	-20 /0	
-	-				LY	Current		
	10-Sep	12-Aug	19-Aug	26-Aug	2-Sep	9-Sep	YoY	WoW Bcf/d Impact
US Wind	30677	32976	28474	23582	36122	27241	-8880	1.6
US Solar	14267	17568	16951	15905	17073	15939	-1134	0.2
US Petroleum	843	1737	1045	1047	1075	1105	31	0.0
US Other	8944	10725	9882	10332	10580	9833	-748	0.1
US Coal	116842	122575	112824	114535	113005	105910	-7096	1.3
US Nuke	93162	92966	94032	92872	92018	89638	-2381	0.4

See National Wind and Nuclear daily charts

30400

252451

30431

218061

30663

227218

26955

182338

Source: Bloomberg, analytix.ai

27939

227051

89

-5684

0.0

27850

232735



Monthly Average Generation Data

Nuclear Generation Monthly A	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	90.4	88.6	90.6	90.5	87.2	88.8	-3.3	-1.5			
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	14.7	14.5	16.3	14.3	14.3	17.7	16.1	3.3	1.5			
NRC % Nuclear Cap Utilization	91.7	91.9	90.1	92.1	92.1	88.7	90.3	-3.4	-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	1599	2024	2892	2719	2028	1359	1734	-669	-290
TEXAS Wind	7189	9398	13378	11765	8440	4791	5776	-3649	-3622
US Wind	29398	36814	46918	39701	33222	27681	28352	-5541	-8462

Generation Monthly Average - MWh (EIA)

•	2Yr Ago	ĹY				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	29398	36814	46918	39701	33222	27681	28352	671.8	▼ -8462
US Solar	9681	13951	19382	18598	16998	14827	15747	920.7	1797
US Petroleum	1003	1123	1001	1252	1253	1078	1079	1	▼ -44
US Other	9161	9639	8580	10129	10424	9774	10115	340	476
US Coal	118600	127760	105517	119788	117179	101645	108221	6576	▼ -19539
US Nuke	92596	92979	89978	92883	92969	89261	91124	1863	▼ -1855
US Hydro	28541	28131	37531	34185	30121	27574	28853	1280	~ 722
US Gas	205223	201564	200787	235766	233714	221294	225491	11653	23927
US Total	492092	511814	509266	551823	535629	492905	508731	22634	▼ -3083



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



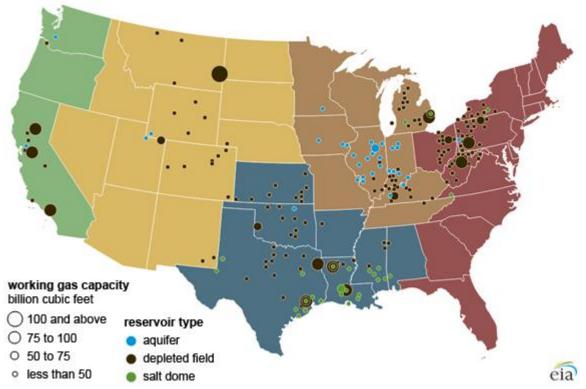
Regional S/D Models Storage Projection

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	4.5	0.0	4.4	31
Mountain	4.9	-4.1	8.0	5
South Central	0.0	2.9	2.9	20
Pacific	0.1	-0.7	-0.7	- 5

^{*}Adjustment Factor is calcuated based on historical regional deltas

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



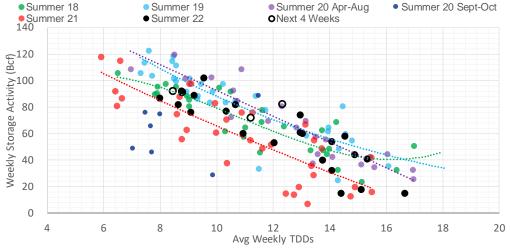


Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
09-Sep	12.3	82
16-Sep	8.5	92
23-Sep	11.2	72
30-Sep	8.8	91

Weather Storage Model - Next 4 Week Forecast



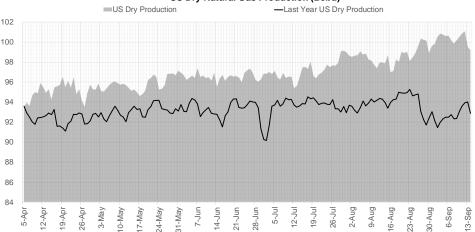
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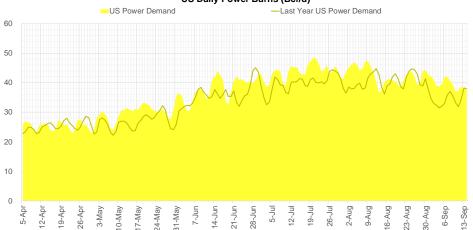


Supply - Demand Trends

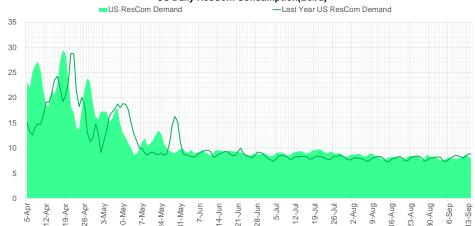
US Dry Natural Gas Production (Bcf/d)



US Daily Power Burns (Bcf/d)



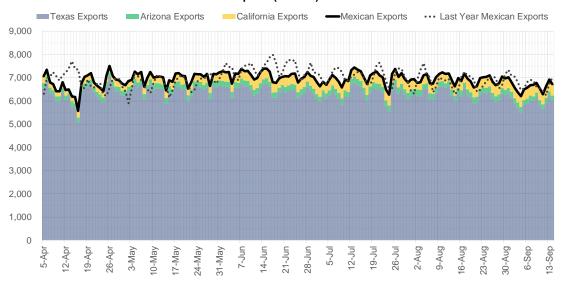
US Daily ResCom Consumption(Bcf/d)

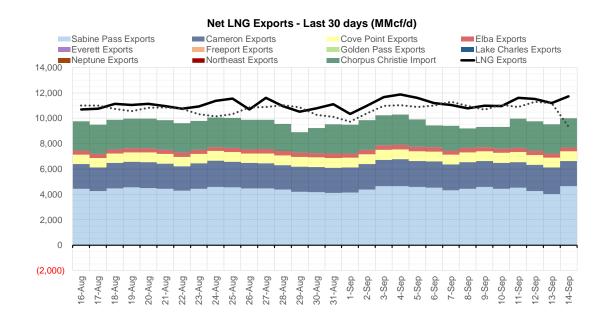


Source: Bloomberg



Mexican Exports (MMcf/d)





Source: Bloomberg



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	С	10.00	2132	10	2022	Р	3.00	36677
10	2022	C	9.00	2090	10	2022	Ċ	6.00	36015
12	2022	P	5.00	2005	10	2022	P	6.00	33754
10	2022	C	11.50	1958	10	2022	Р	5.00	29971
10	2022	Č	11.00	1755	10	2022	P	2.50	28006
10	2022	P	7.50	1452	10	2022	C	10.00	24024
10	2022	Ċ	9.25	1436	10	2022	Č	12.00	23539
12	2022	P	6.00	1425	10	2022	С	5.00	23269
10	2022	Р	7.00	1362	3	2023	С	10.00	23074
4	2023	Р	3.00	1325	11	2022	Р	4.00	22894
5	2023	Р	3.00	1325	10	2022	Р	3.50	22296
6	2023	P	3.00	1325	5	2023	Р	2.00	22227
10	2023	C	8.00	1300	12	2022	Р	5.00	21671
4	2023	Ċ	9.00	1275	10	2022	Р	4.00	21664
5	2023	Č	9.00	1275	4	2023	Р	3.00	20906
1	2023	P	3.00	1225	10	2022	Р	7.00	20102
10	2023	Р	3.00	1200	10	2022	Р	8.00	19635
10	2022	C	8.50	1155	10	2023	Р	3.00	19623
10	2022	P	8.00	1141	4	2023	Р	3.50	19271
10	2022	C	12.00	1130	10	2022	Р	5.50	18588
11	2022	P	6.00	1102	12	2022	С	5.00	18218
1	2023	C	12.00	1100	3	2023	С	20.00	18202
10	2022	P	6.50	1086	10	2022	C	8.00	17966
11	2022	Р	5.00	1013	5	2023	P	3.50	17670
10	2022	С	9.15	1001	10	2023	P	2.50	17650
12	2023	C	8.50	1000	7	2023	P	3.50	17345
3	2023	С	9.00	900	8	2023	P	3.50	17345
3	2023	С	9.50	900	9 11	2023	P P	3.50	17335
3	2023	Р	2.75	900		2022 2023	-	5.00	17324
4	2023	С	9.50	900	1 6	2023	C P	10.00 3.00	17317 17290
4	2023	Р	2.75	900	5	2023	P P	3.00	17268
5	2023	С	9.50	900	10	2023	P	3.50	17235
5	2023	Р	2.75	900	6	2023	P	3.50	17095
2	2023	Р	3.00	825	3	2023	P	3.00	16799
3	2023	Р	3.00	822	10	2022	P	2.00	16759
11	2022	Р	7.50	801	12	2022	P	4.00	16422
5	2023	С	8.00	800	12	2022	Ċ	4.00	16194
11	2022	С	10.00	794	11	2022	Ċ	12.00	15929
5	2023	С	12.00	779	7	2023	P	3.00	15895
4	2023	С	12.00	775	11	2022	Р	6.00	15840
6	2023	С	12.00	775	11	2022	C	4.00	15755
1	2023	С	11.50	725	10	2023	P	4.00	15711
2	2023	С	11.50	725	10	2023	Р	2.00	15710
2	2023	С	12.00	725	8	2023	Р	3.00	15695
3	2023	С	11.50	725	9	2023	P	3.00	15695
3	2023	С	12.00	725	12	2022	P	6.00	15595
4	2023	С	8.00	725	2	2023	C	10.00	15440
4	2023	С	11.50	725	10	2022	Р	3.25	15196
5	2023	С	11.50	725	10	2022	C	12.5	15189
							Source	: CME, ICE	

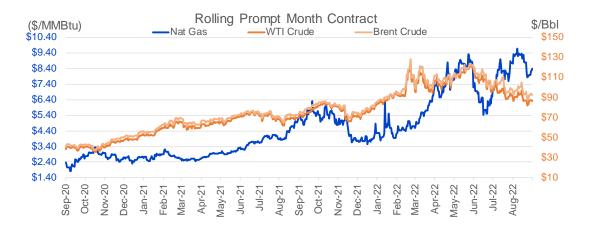


Nat Gas Futures Open Interest

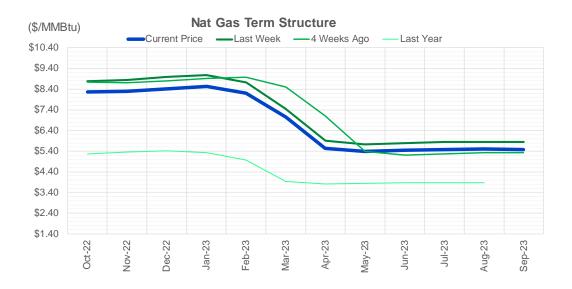
CME and ICE Combined

CME Henry Hub Futures (10,000 MMBtu) ICE Henry Hub Futures Contract Equivalent (10,000 MM													
CME Henry H				ICE Henry F			No. 1						
	Current	Prior	Daily Change		Current	Prior	Daily Change						
OCT 22	81702	89218	-7516	OCT 22	75607	76275	-668						
NOV 22	139602	135040	4562	NOV 22	73137	72872	264						
DEC 22	65984	66261	-277	DEC 22	67899	67471	429						
JAN 23	88195	88154	41	JAN 23	66637	66419	219						
FEB 23	41833	41770	63	FEB 23	66559	66293	266						
MAR 23	72131	70782	1349	MAR 23	56738	56823	-85						
APR 23	76422	75905	517	APR 23	53206	53246	-40						
MAY 23	79340	79033	307	MAY 23	52627	52673	-47						
JUN 23	24529	24584	-55	JUN 23	45715	45748	-33						
JUL 23	24720	24985	-265	JUL 23	44786	44879	-94						
AUG 23	19936	19948	-12	AUG 23	43315	43437	-122						
SEP 23	23131	23425	-294	SEP 23	43131	43218	-87						
OCT 23	53930	53958	-28	OCT 23	51183	51025	158						
NOV 23	16696	16464	232	NOV 23	46741	46746	-5						
DEC 23	13880	13645	235	DEC 23	40655	40660	-5						
JAN 24	20395	20191	204	JAN 24	39772	39984	-212						
FEB 24	8683	8717	-34	FEB 24	31021	31185	-165						
MAR 24	18643	18616	27	MAR 24	36207	36209	-2						
APR 24	14801	14760	41	APR 24	28766	28725	41						
MAY 24	7455	7412	43	MAY 24	27502	27635	-133						
JUN 24	2852	2857	-5	JUN 24	24808	24938	-130						
JUL 24	3434	3428	6	JUL 24	24580	24713	-133						
AUG 24	3431	3426	5	AUG 24	24276	24410	-134						
SEP 24	2209	2209	0	SEP 24	24060	24190	-130						
OCT 24	8625	8631	-6	OCT 24	27750	27832	-83						
NOV 24	4890	4896	-6	NOV 24	25133	25234	-101						
DEC 24	8186	8182	4	DEC 24	28498	28603	-105						
JAN 25	17670	17670	0	JAN 25	23005	23082	-77						
FEB 25	1572	1570	2	FEB 25	15276	15246	30						
MAR 25	5175	5166	9	MAR 25	17031	17135	-104						

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	\$8.249	\$8.287	\$8.420	\$8.517	\$8.206	\$7.057	\$5.547	\$5.390	\$5.437	\$5.488	\$5.499	\$5.481
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	-\$0.537	-\$0.563	-\$0.577	-\$0.561	-\$0.525	-\$0.399	-\$0.343	-\$0.343	-\$0.349	-\$0.354	-\$0.357	-\$0.361
4 Weeks Ago	\$8.728	\$8.712	\$8.788	\$8.903	\$8.963	\$8.497	\$7.108	\$5.394	\$5.220	\$5.268	\$5.318	\$5.329
vs. 4 Weeks Ago	-\$0.479	-\$0.425	-\$0.368	-\$0.386	-\$0.757	-\$1.440	-\$1.561	-\$0.004	\$0.217	\$0.220	\$0.181	\$0.152
Last Year	\$5.231	\$5.273	\$5.366	\$5.430	\$5.327	\$4.970	\$3.942	\$3.814	\$3.841	\$3.873	\$3.880	\$3.865
vs. Last Year	\$3.018	\$3.014	\$3.054	\$3.087	\$2.879	\$2.087	\$1.605	\$1.576	\$1.596	\$1.615	\$1.619	\$1.616

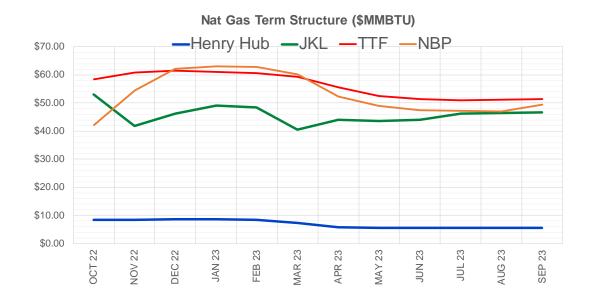
	Units	Cash Settled	Prompt Settle	Cash to Prompt	
AGT Citygate	\$/MMBtu	7.61	7.41	-0.20	
TETCO M3	\$/MMBtu	7.75	6.71	-1.04	
FGT Zone 3	\$/MMBtu	7.78	8.83	1.05	
Zone 6 NY	\$/MMBtu	7.78	6.69	-1.09	
Chicago Citygate	\$/MMBtu	7.72	7.47	-0.25	
Michcon	\$/MMBtu	7.75	7.28	-0.47	
Columbia TCO Pool	\$/MMBtu	7.52	6.81	-0.71	
Ventura	\$/MMBtu	5.95	7.41	1.46	
Rockies/Opal	\$/MMBtu	7.50	7.18	-0.33	
El Paso Permian Basin	\$/MMBtu	7.01	6.00	-1.01	
Socal Citygate	\$/MMBtu	9.50	7.70	-1.80	
Malin	\$/MMBtu	7.55	7.40	-0.15	
Houston Ship Channel	\$/MMBtu	7.66	7.31	-0.35	
Henry Hub Cash	\$/MMBtu	8.38	7.24	-1.14	
AECO Cash	C\$/GJ	4.96	3.33	-1.64	
Station2 Cash	C\$/GJ	3.24	7.38	4.14	
Dawn Cash	C\$/GJ	7.78	7.32	-0.46	

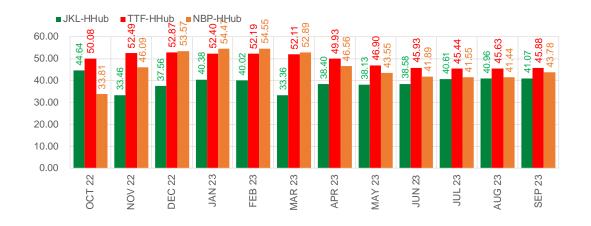
Source: CME, Bloomberg



					V/G	4 Wooks		
					vs	. 4 Weeks		
	Units	Current Price	VS.	Last Week		Ago	VS	s. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224		0.000		0.000		0.581
NatGas Oct21/Nov21	\$/MMBtu	0.361		0.000		0.000		0.316
NatGas Oct21/Jan22	\$/MMBtu	-1.817		0.000		0.000		-2.022
NatGas Apr22/Oct22	\$/MMBtu	2.948		0.139	•	-1.027		2.997
WTI Crude	\$/Bbl	87.31		0.430		0.780		16.850
Brent Crude	\$/Bbl	93.17		0.340		0.830		19.570
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18		0.000		0.000		0.000
Heating Oil	cents/Gallon	354.13		-3.250		6.110		138.000
Propane, Mt. Bel	cents/Gallon	1.06		-0.024	~	-0.003		-0.168
Ethane, Mt. Bel	cents/Gallon	0.51		-0.028	•	-0.095		0.127
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						



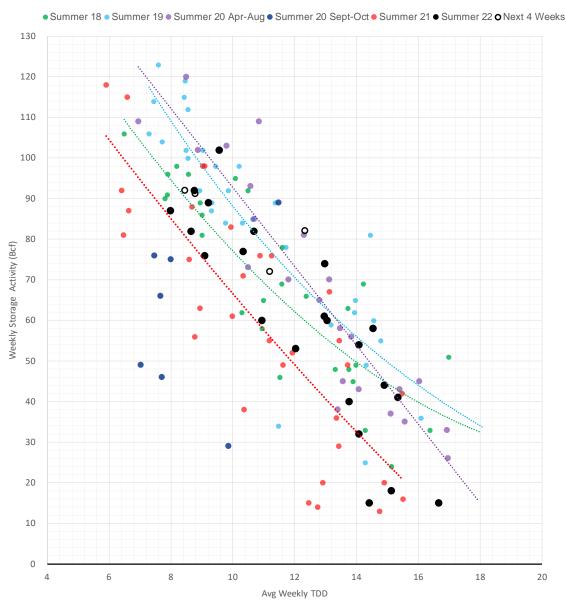




	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23
Henry Hub	\$8.397	\$8.453	\$8.595	\$8.687	\$8.398	\$7.267	\$5.677	\$5.511	\$5.540	\$5.608	\$5.600	\$5.571
JKL	\$53.035	\$41.915	\$46.150	\$49.065	\$48.415	\$40.625	\$44.080	\$43.640	\$44.115	\$46.220	\$46.555	\$46.640
JKL-HHub	\$44.638	\$33.462	\$37.555	\$40.378	\$40.017	\$33.358	\$38.403	\$38.129	\$38.575	\$40.612	\$40.955	\$41.069
TTF	\$58.477	\$60.942	\$61.463	\$61.090	\$60.583	\$59.381	\$55.602	\$52.415	\$51.467	\$51.046	\$51.231	\$51.455
TTF-HHub	\$50.080	\$52.489	\$52.868	\$52.403	\$52.185	\$52.114	\$49.925	\$46.904	\$45.927	\$45.438	\$45.631	\$45.884
NBP	\$42.211	\$54.539	\$62.169	\$63.153	\$62.950	\$60.155	\$52.232	\$49.059	\$47.431	\$47.159	\$47.039	\$49.346
NBP-HHub	\$33.814	\$46.086	\$53.574	\$54.466	\$54.552	\$52.888	\$46.555	\$43.548	\$41.891	\$41.551	\$41.439	\$43.775



Weather Storage Model - Next 4 Week Forecast





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