

## **Market Report**

## 19 September 2022



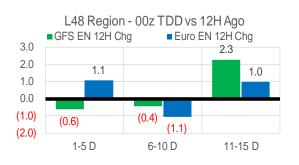
	С	urrent	Δ from YD		m 7D vg
WTI Prompt	\$	82.83	<b>\$</b> (2.28)	<b>~</b> \$	(3.5)

	 urront	Δ from YD	Δ from 7D			
	urreni	םו וווטוו ב	A	vg		
Brent Prompt	\$ 89.18	<b>\$</b> (2.17)	<b>~</b> \$	(3.1)		

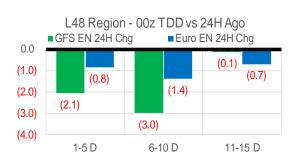
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Price Summary

### Vs. 12H Ago



## Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	99.9	<b>-</b> 0.49	<b>-</b> 0.38

	Current	Δ from YD	Δ from 7D Avg
US ResComm	7.8	-0.01	<b>▼</b> -0.42

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	11.5	<b>▼</b> -0.02	<b>a</b> 0.06

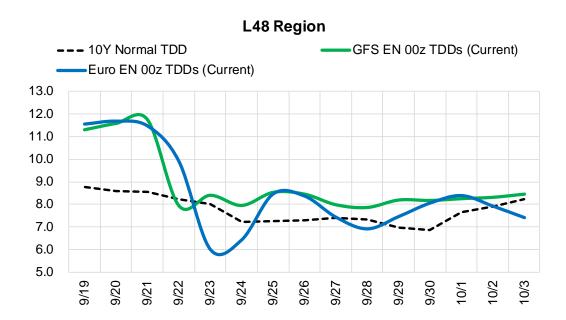
	Current	Δ from YD	Δ from 7D Avg
US Power Burns	35.6	<b>0.83</b>	<b>▼</b> -0.59

	Current	Δf	rom YD	Δfı	rom 7D Avg
Canadian Imports	6.1		0.12		0.43

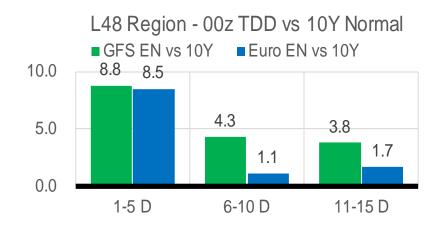
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.0	<b>-</b> 0.05	<b>▼</b> -0.32



### Short-term Weather Model Outlooks (00z)



### Vs. 10Y Normal



Source: WSI, Bloomberg



**Daily Model Error** 

## **Market Report**

## Lower 48 Component Models Daily Balances

	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	DoD	vs. 7D
Lower 48 Dry Production	99.6	100.1	100.6	100.3	100.1	100.4	99.9	▼ -0.5	▼ -0.3
Canadian Imports	5.6	5.4	5.5	5.7	5.9	6.0	6.1	<b>0.1</b>	<b>0.4</b>
L48 Power	38.6	36.8	35.3	34.9	33.5	34.7	35.6	<b>8.0</b>	▼ 0.0
L48 Residential & Commercial	8.4	8.0	8.3	8.4	8.0	7.8	7.8	▼ 0.0	▼ -0.3
L48 Industrial	20.2	20.6	21.7	22.6	23.4	24.0	24.3	<b>0.3</b>	<b>2.2</b>
L48 Lease and Plant Fuel	5.4	5.4	5.5	5.4	5.4	5.4	5.4	▼ 0.0	▼ 0.0
L48 Pipeline Distribution	2.6	2.5	2.4	2.4	2.3	2.4	2.4	▲ 0.0	▼ 0.0
L48 Regional Gas Consumption	75.1	73.3	73.2	73.6	72.6	74.4	75.5	<b>1.1</b>	<b>1.8</b>
Net LNG Delivered	11.12	11.17	11.64	11.83	11.44	11.54	11.52	▼ 0.0	<b>0.1</b>
Total Mexican Exports	6.9	6.7	6.6	6.2	5.2	6.1	6.0	▼ 0.0	▼ -0.3
Implied Daily Storage Activity EIA Reported Daily Storage Activity	12.0	14.2	14.6	14.4	16.8	14.4	13.0		

<b>EIA Storage Week Balances</b>								
_	LY				LW	Current		
	17-Sep	19-Aug	26-Aug	2-Sep	9-Sep	16-Sep	WoW	vs. LY
Lower 48 Dry Production	93.3	97.8	98.6	99.8	100.4	100.4	▼ -0.1	<b>7.1</b>
Canadian Imports	5.0	4.8	5.4	5.7	5.8	5.5	▼ -0.3	<b>0.4</b>
L48 Power	35.1	39.6	41.2	42.5	40.8	37.8	▼-3.0	2.7
L48 Residential & Commercial	8.5	8.1	8.2	8.2	7.9	8.2	<b>0.4</b>	-0.3
L48 Industrial	20.5	21.3	21.0	21.9	21.5	20.6	▼ -0.9	0.1
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	▼ -0.1	0.1
L48 Regional Gas Consumption	71.6	76.8	78.5	80.7	78.3	74.6	▼-3.6	<b>3.0</b>
Net LNG Exports	10.2	10.9	11.1	10.9	11.3	11.3	▼ 0.0	<b>1.1</b>
Total Mexican Exports	6.6	7.0	6.9	6.9	6.6	6.6	<b>0.1</b>	<b>0.0</b>
Implied Daily Storage Activity	9.8	7.9	7.6	7.1	10.1	13.3	3.2	3.5
EIA Reported Daily Storage Activity	10.9	8.6	8.7	7.7	11.0			
Daily Model Error	-1.1	-0.6	-1.1	-0.6	-0.9			

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	<b>1.8</b>	<b>6.8</b>
Canadian Imports	3.8	5.1	5.1	5.7	5.9	5.4	5.7	<b>0.3</b>	<b>0.6</b>
L48 Power	34.4	33.1	29.8	38.0	43.7	42.6	38.7	<b>▼</b> -3.9	<b>5.5</b>
L48 Residential & Commercial	8.9	8.7	12.4	9.1	9.0	8.3	8.1	▼-0.3	▼ -0.7
L48 Industrial	19.9	20.2	19.7	18.7	19.5	21.3	21.4	<b>0.2</b>	<b>1.2</b>
L48 Lease and Plant Fuel	4.8	5.1	5.3	5.3	5.3	5.4	5.4	<b>0.1</b>	<b>0.4</b>
L48 Pipeline Distribution	2.4	2.3	2.4	2.5	2.8	2.7	2.6	▼-0.1	<b>0.3</b>
L48 Regional Gas Consumption	70.4	69.5	69.5	73.7	80.2	80.3	76.2	▼ -4.0	<b>6.7</b>
Net LNG Exports	5.9	10.3	12.5	11.2	10.9	11.0	11.3	<b>0.3</b>	<b>1.0</b>
Total Mexican Exports	6.1	6.7	7.0	7.1	7.0	6.9	6.5	▼ -0.5	▼-0.2
Implied Daily Storage Activity EIA Reported Daily Storage Activity	10.3	12.1	11.9	10.2	4.9	5.8	12.1		
Daily Model Error					0.2				

Source: Bloomberg, analytix.ai



## **Daily** Average Generation Data

#### **Nuclear Generation Daily Average - GWh (NRC)**

	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	DoD	vs. 7D
NRC Nuclear Daily Output	86.9	86.9	86.0	86.1	86.4	86.9	86.9	0.0	0.4
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	18.0	18.0	18.9	18.8	18.5	18.0	18.0	0.0	-0.4
NRC % Nuclear Cap Utilization	88.4	88.4	87.4	87.5	87.9	88.4	88.4	0.0	0.4

#### Wind Generation Daily Average - MWh (EIA)

	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	DoD	vs. 7D
CALI Wind	892	1470	3334	2462	2883	2474	3033	559	780
TEXAS Wind	7097	4395	9897	13152	12794	14525	16597	2072	6287
US Wind	26234	25041	35948	51272	52821	48839	55278	6439	15252

#### **Generation Daily Average - MWh (EIA)**

	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	DoD	vs. 7D
US Wind	26234	25041	35948	51272	52821	48839	55278	6439	15252
US Solar	13471	14236	15356	16544	17256	17709	16745	-964	983
US Petroleum	1058	1129	983	937	943	963	965	2	-37
US Other	9442	9987	10061	9660	9788	10583	10264	-319	344
US Coal	93898	94830	89595	85291	86422	88829	82040	-6789	-7771
US Nuke	88147	88714	89230	88923	89429	89636	89013	-623	0
US Hydro	24607	27427	24999	24121	24077	24103	22185	-1918	-2704
US Gas	198135	218496	205902	184599	179376	180975	169303	-11671	-25277

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



US Hydro

**US Gas** 

## **Storage Week** Average Generation Data

Nuclear Generation Weekly	Average - G	Wh (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	86.6	-0.9	0.2
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	18.3	0.9	
NRC % Nuclear Cap Utilization	88.2	92.8	91.9	91.2	88.9	88.0	-0.9	
Wind Generation Weekly Av	erage - MWI	h (EIA)						
								WoW
	17-Sep	19-Aug	26-Aug	2-Sep	9-Sep	16-Sep	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	27250	37390	10140	-1.8
							37%	
						1.2		
<b>Generation Weekly Average</b>	- MWh (EIA	)						
, ,	•				LY	Current		
								WoW
	17-Sep	19-Aug	26-Aug	2-Sep	9-Sep	16-Sep	YoY	Bcf/d
110 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	10.117	00.47.4	00500	00400	07050	07000	10110	Impact
US Wind	42417	28474	23582	36122	27250	37390	10140	-1.8
US Solar	14069	16951	15905	17073	16144	14475	-1669	0.3
US Petroleum	425	1045	1047	1075	1105	1029	-77	0.0
US Other	9289	9882	10332	10580	9947	9751	-196	0.0
US Coal	114911	112914	114538	113005	105982	91205	-14778	2.7
US Nuke	89509	94032	92872	92018	89638	88711	-927	0.2

See National Wind and Nuclear daily charts

30431

218153

30663

227218

27850

232735

27940

227615

24153

184243

Source: Bloomberg, analytix.ai

25840

200439

0.4

-4.9

-2100

-27176



## **Monthly** Average Generation Data

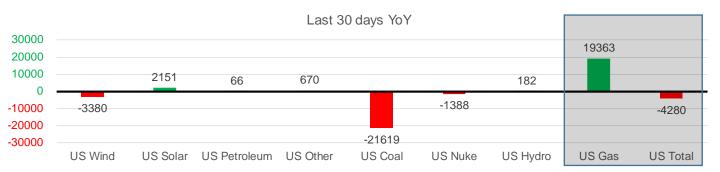
Nuclear Generation Monthly	Average -	GWh (NI	RC)						
	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Jun-22	Jul-22	Aug-22	Sep-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
NRC Nuclear Daily Output	90.1	89.3	88.6	90.6	90.5	87.1	88.2	-3.4	-1.1
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
NRC Nuclear Outage	14.8	15.6	16.3	14.3	14.3	17.8	16.7	3.4	1.1
NRC % Nuclear Cap Utilization	91.6	90.8	90.1	92.1	92.1	88.6	89.7	-3.5	-1.1

#### 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	1478	2003	2892	2719	2028	1913	1980	-115	-22
TEXAS Wind	6923	8838	13378	11765	8440	8339	7593	-101	-1244
US Wind	29825	37425	46918	39701	33222	36433	34045	3211	-3380

#### **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	29825	37425	46918	39701	33222	36433	34045	▼-2388.3	▼ -3380
US Solar	9413	13892	19376	18598	16998	15683	16043	<b>359.4</b>	<b>2151</b>
US Petroleum	992	986	1001	1252	1253	1029	1052	<b>2</b> 3	<b>66</b>
US Other	8952	9506	8608	10129	10424	9956	10176	<b>220</b>	<b>670</b>
US Coal	113197	124562	105517	119788	117200	96322	102943	<b>6621</b>	<b>▼-21619</b>
US Nuke	92667	91863	89949	92883	92969	89288	90475	<b>1187</b>	<b>▼ -1388</b>
US Hydro	27914	26959	37531	34227	30121	26070	27142	<b>1071</b>	<b>182</b>
US Gas	198014	196343	200872	235766	233735	206632	215706	<b>~</b> 7094	<b>19363</b>
US Total	479026	501621	509350	551822	535671	481195	497342	<b>16577</b>	<b>▼</b> -4280



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



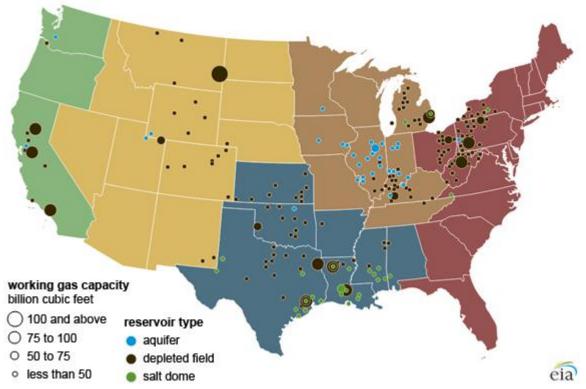
### Regional S/D Models Storage Projection

Week Ending 16-Sep

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	14.4	-0.1	14.3	100
East	2.0	1.7	3.7	26
Midwest	5.3	0.1	5.5	38
Mountain	4.9	-4.2	0.7	5
South Central	1.1	2.9	4.0	28
Pacific	1.0	-0.6	0.4	3

<sup>\*</sup>Adjustment Factor is calcuated based on historical regional deltas

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



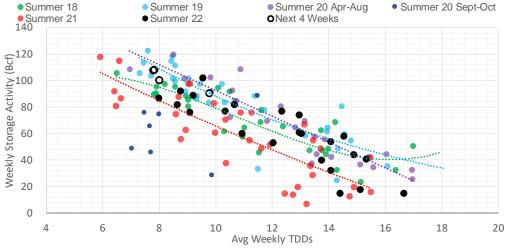


### Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
16-Sep	8.0	100
23-Sep	9.8	90
30-Sep	7.8	108
07-Oct	7.8	108

#### Weather Storage Model - Next 4 Week Forecast



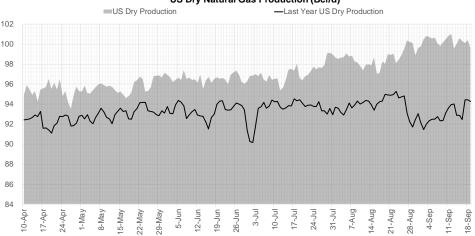
Go to larger image



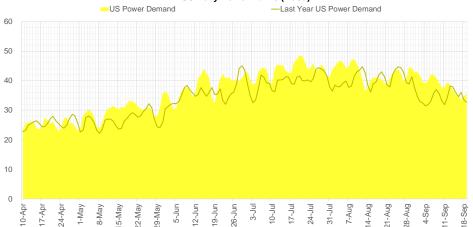


### Supply - Demand Trends

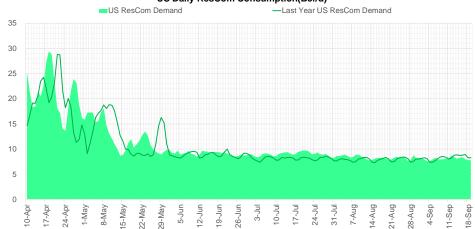
#### US Dry Natural Gas Production (Bcf/d)



#### US Daily Power Burns (Bcf/d)



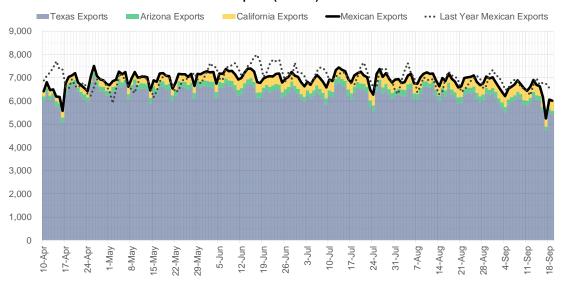
#### US Daily ResCom Consumption(Bcf/d)

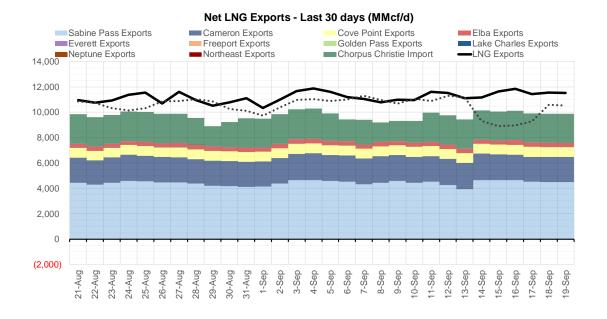


Source: Bloomberg



#### 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	9.00	7037	10	2022	P	3.00	36677
10	2022	P	7.00	5499	10	2022	Ċ	6.00	36016
10	2022	P	8.00	3591	10	2022	P	6.00	35154
10	2022	C	8.75	3485	10	2022	Р	5.00	30184
10	2022	P	6.00	3228	10	2022	P	2.50	28006
10	2022	Ċ	9.50	3077	10	2022	C	10.00	25652
10	2022	Č	10.00	2989	10	2022	Č	5.00	23569
10	2022	P	6.50	2957	3	2023	С	10.00	23230
10	2022	Р	5.50	2945	10	2022	С	12.00	23043
10	2022	C	8.50	2363	11	2022	Р	4.00	22342
11	2022	P	5.00	2145	10	2022	Р	3.50	22296
12	2022	Р	6.50	1816	5	2023	Р	2.00	22227
11	2022	P	6.50	1762	10	2022	Р	7.00	21821
10	2022	C	8.00	1690	12	2022	Р	5.00	21675
11	2022	Ċ	9.50	1681	10	2022	Р	4.00	21662
10	2022	P	8.75	1675	4	2023	Р	3.00	21206
10	2022	C	8.25	1629	10	2022	Р	8.00	20357
4	2023	P	3.00	1550	10	2023	Р	3.00	20123
3	2023	C	8.00	1527	4	2023	Р	3.50	19321
10	2022	Ċ	12.50	1507	3	2023	С	20.00	18894
10	2022	Ċ	11.00	1467	12	2022	С	5.00	18218
10	2022	Ċ	14.00	1370	10	2022	С	8.00	17920
11	2022	P	4.50	1303	10	2023	P -	2.50	17900
10	2022	Р	7.25	1299	6	2023	P	3.00	17740
11	2022	С	10.00	1278	5	2023	P	3.50	17720
10	2022	P	7.50	1242	5	2023	P	3.00	17718
3	2023	Р	3.00	1201	10	2022	P	5.50	17713
11	2022	Р	7.50	1158	11 7	2022 2023	P P	5.00	17643
12	2022	Р	6.00	1051		2023	P P	3.50	17345
12	2022	Р	5.50	1025	8 9	2023	P P	3.50 3.50	17345 17335
12	2022	Р	5.00	1022	1	2023	C	10.00	17243
4	2023	С	8.00	1000	10	2023	P	3.50	17235
5	2023	С	8.00	1000	6	2023	P	3.50	17145
11	2022	Р	5.50	971	3	2023	P	3.00	16799
12	2022	С	10.00	872	10	2023	P	2.00	16759
10	2022	С	9.75	813	7	2023	P	3.00	16395
10	2022	Р	8.50	798	, 12	2022	P	4.00	16234
11	2022	Р	7.00	798	8	2023	P	3.00	16195
2	2023	Р	8.00	796	9	2023	Р	3.00	16195
2	2023	Р	6.50	750	12	2022	C	4.00	16194
3	2023	С	7.50	750	10	2023	P	4.00	16086
3	2023	С	8.50	750	11	2022	P	6.00	16024
3	2023	Р	2.75	701	12	2022	Р	6.00	15908
10	2022	Р	6.75	671	11	2022	С	12.00	15863
11	2022	Р	4.75	653	11	2022	C	4.00	15755
10	2023	Р	3.00	625	2	2023	C	10.00	15614
10	2022	Р	7.75	612	4	2023	P	4.00	15566
12	2022	С	9.50	611	10	2023	Р	2.00	15510
1	2023	С	30.00	600	1	2023	P	: CME, ICE	15251
							Source	: CME, ICE	

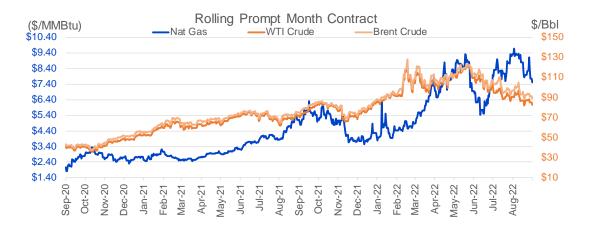


## Nat Gas Futures Open Interest

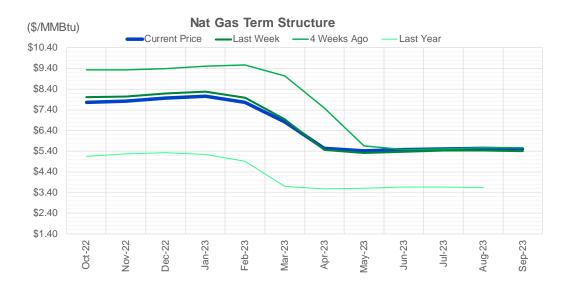
CME and ICE Combined

			and ICE Con	ibilieu			
CME Henry	Hub Futures (10			ICE Henry I	Hub Futures Con		alent (10,000 MM
	Current	Prior	Daily Change		Current	Prior	Daily Change
OCT 22	61792	66624	-4832	OCT 22	75377	76541	-1164
NOV 22	150850	146680	4170	NOV 22	72258	73523	-1265
DEC 22	64974	64935	39	DEC 22	68445	68383	62
JAN 23	85925	88867	-2942	JAN 23	65108	66404	-1295
FEB 23	38422	41032	-2610	FEB 23	66857	67247	-391
MAR 23	71325	72370	-1045	MAR 23	55996	56482	-486
APR 23	74270	75952	-1682	APR 23	52124	52473	-350
MAY 23	78624	78956	-332	MAY 23	52424	52208	216
JUN 23	23973	24017	-44	JUN 23	44854	45202	-348
JUL 23	23656	23993	-337	JUL 23	43803	44224	-421
AUG 23	19706	19690	16	AUG 23	42555	42906	-351
SEP 23	22805	23089	-284	SEP 23	42514	43104	-590
OCT 23	54565	53828	737	OCT 23	51310	51222	88
NOV 23	16894	16861	33	NOV 23	46697	46932	-235
DEC 23	14376	14354	22	DEC 23	40583	40929	-346
JAN 24	22682	22037	645	JAN 24	40254	40061	193
FEB 24	8714	8808	-94	FEB 24	30575	30573	3
MAR 24	18746	18810	-64	MAR 24	36041	36091	-50
APR 24	14944	15101	-157	APR 24	29013	28960	53
MAY 24	7551	7510	41	MAY 24	27641	27587	54
JUN 24	2928	2886	42	JUN 24	24956	24902	54
JUL 24	3459	3471	-12	JUL 24	24709	24655	55
AUG 24	3426	3429	-3	AUG 24	24399	24344	55
SEP 24	2233	2233	0	SEP 24	24147	24101	46
OCT 24	8626	8625	1	OCT 24	27939	27899	40
NOV 24	4882	4895	-13	NOV 24	25383	25326	57
DEC 24	8201	8195	6	DEC 24	28755	28697	59
JAN 25	17666	17662	4	JAN 25	22957	23075	-119
FEB 25	1563	1572	-9	FEB 25	15484	15461	23
MAR 25	5198	5187	11	MAR 25	17509	17481	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
<b>Current Price</b>	\$7.764	\$7.811	\$7.966	\$8.067	\$7.767	\$6.820	\$5.526	\$5.405	\$5.460	\$5.517	\$5.531	\$5.513
Last Week	\$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. Last Week	-\$0.232	-\$0.233	-\$0.217	-\$0.211	-\$0.222	-\$0.133	\$0.057	\$0.086	\$0.094	\$0.100	\$0.101	\$0.100
4 Weeks Ago	\$9.336	\$9.315	\$9.385	\$9.492	\$9.552	\$9.030	\$7.496	\$5.656	\$5.462	\$5.508	\$5.555	\$5.567
vs. 4 Weeks Ago	-\$1.572	-\$1.504	-\$1.419	-\$1.425	-\$1.785	-\$2.210	-\$1.970	-\$0.251	-\$0.002	\$0.009	-\$0.024	-\$0.054
Last Year	\$5.105	\$5.146	\$5.258	\$5.328	\$5.244	\$4.902	\$3.703	\$3.576	\$3.611	\$3.653	\$3.661	\$3.644
vs. Last Year	\$2.659	\$2.665	\$2.708	\$2.739	\$2.523	\$1.918	\$1.823	\$1.829	\$1.849	\$1.864	\$1.870	\$1.869

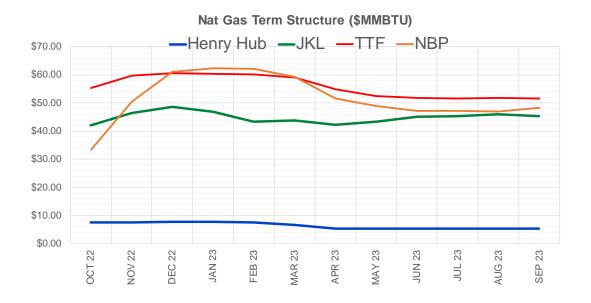
	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	7.61	7.39	-0.22
TETCO M3	\$/MMBtu	6.89	6.75	-0.14
FGT Zone 3	\$/MMBtu	7.07	8.73	1.66
Zone 6 NY	\$/MMBtu	7.07	6.69	-0.38
Chicago Citygate	\$/MMBtu	6.92	7.48	0.56
Michcon	\$/MMBtu	7.02	7.39	0.37
Columbia TCO Pool	\$/MMBtu	6.90	6.78	-0.12
Ventura	\$/MMBtu	5.95	7.45	1.50
Rockies/Opal	\$/MMBtu	6.89	7.20	0.31
El Paso Permian Basin	\$/MMBtu	5.96	5.92	-0.04
Socal Citygate	\$/MMBtu	7.22	7.66	0.44
Malin	\$/MMBtu	6.91	7.40	0.49
Houston Ship Channel	\$/MMBtu	7.03	7.34	0.31
Henry Hub Cash	\$/MMBtu	8.02	7.23	-0.79
AECO Cash	C\$/GJ	2.85	3.96	1.11
Station2 Cash	C\$/GJ	1.51	7.37	5.86
Dawn Cash	C\$/GJ	7.02	7.33	0.31

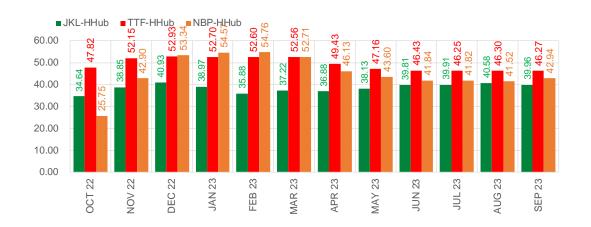
Source: CME, Bloomberg



				vs. 4 Weeks	
	Units	<b>Current Price</b>	vs. Last Weel		vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	1		
	•				<b>a</b> 0.736
NatGas Oct21/Nov21	\$/MMBtu	0.361	<b>0.000</b>	<b>0.000</b>	<b>a</b> 0.320
NatGas Oct21/Jan22	\$/MMBtu	-1.817	<b>0.000</b>	<b>0.000</b>	<b>-</b> 2.040
NatGas Apr22/Oct22	\$/MMBtu	2.428	<b>-</b> 0.232	<b>▼</b> -1.551	<b>2.459</b>
WTI Crude	\$/Bbl	85.11	<b>-</b> 1.680	<b>-</b> 5.660	<b>13.140</b>
Brent Crude	\$/Bbl	91.35	<b>-</b> 1.490	<b>-</b> 5.370	<b>16.010</b>
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Heating Oil	cents/Gallon	317.25	<b>-</b> 40.620	<b>-52.800</b>	<b>96.340</b>
Propane, Mt. Bel	cents/Gallon	1.04	-0.008	-0.048	<b>▼</b> -0.234
Ethane, Mt. Bel	cents/Gallon	0.49	<b>-</b> 0.024	<b>-</b> 0.118	<b>a</b> 0.104
Coal, PRB	\$/MTon	12.30	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Coal, PRB	\$/MMBtu	0.70			
Coal, ILB	\$/MTon	31.05	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Coal, ILB	\$/MMBtu	1.32			



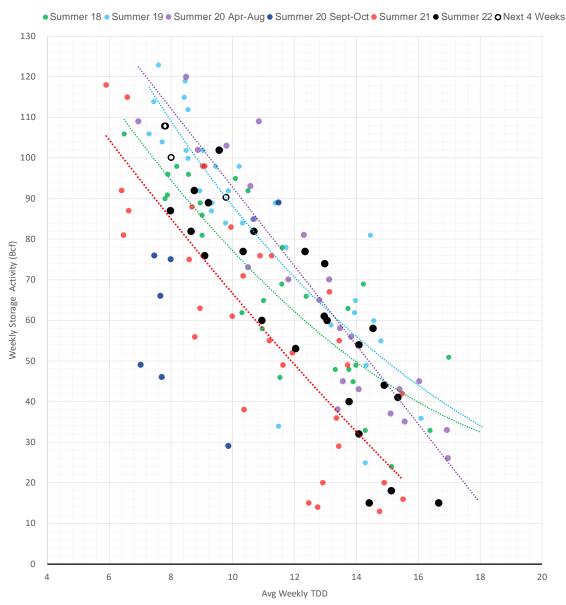




	OCT 22	NOV 22	<b>DEC 22</b>	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	<b>JUN 23</b>	JUL 23	AUG 23	SEP 23
Henry Hub	\$7.520	\$7.568	\$7.711	\$7.816	\$7.531	\$6.645	\$5.417	\$5.310	\$5.365	\$5.421	\$5.435	\$5.417
JKL	\$42.160	\$46.415	\$48.640	\$46.790	\$43.410	\$43.865	\$42.300	\$43.435	\$45.170	\$45.330	\$46.010	\$45.375
JKL-HHub	\$34.640	\$38.847	\$40.929	\$38.974	\$35.879	\$37.220	\$36.883	\$38.125	\$39.805	\$39.909	\$40.575	\$39.958
TTF	\$55.344	\$59.722	\$60.638	\$60.516	\$60.131	\$59.206	\$54.848	\$52.466	\$51.796	\$51.675	\$51.737	\$51.682
TTF-HHub	\$47.824	\$52.154	\$52.927	\$52.700	\$52.600	\$52.561	\$49.431	\$47.156	\$46.431	\$46.254	\$46.302	\$46.265
NBP	\$33.272	\$50.468	\$61.051	\$62.385	\$62.290	\$59.352	\$51.551	\$48.907	\$47.201	\$47.243	\$46.954	\$48.352
NBP-HHub	\$25.752	\$42.900	\$53.340	\$54.569	\$54.759	\$52.707	\$46.134	\$43.597	\$41.836	\$41.822	\$41.519	\$42.935



#### Weather Storage Model - Next 4 Week Forecast





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