

### 30 June 2022



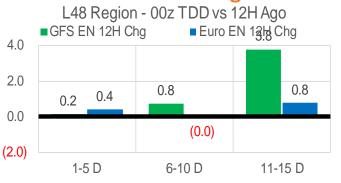
	Current	Δ from YD	Δ from Αν	
WTI Prompt	\$ 108.45	<b>\$</b> (1.33)	<b>\$</b>	0.1

	Current	Δ from YD	Δ from Avg	
Brent Prompt	\$ 115.64	<b>*</b> \$ (0.62)	<b>\$</b>	1.5

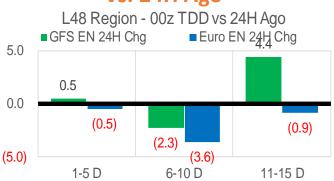
#### Page Menu

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



Δ from YD

0.60

Current

6.2

	Current	Δ from YD	Δ from 7D Avg
US Dry Production	94.9	<b>-</b> 0.59	<b>▼</b> -1.28

US Dry Production	94.9	<b>▼</b> -0.59	<b>▼</b> -1.28	US Power Burns	40.8	<b>a</b> 0.87
	Current	Δ from YD	Δ from 7D Avg		Current	Δ from Y
US				Canadian		

**0.19** 

Canadian

**Imports** 

	Current		Δ from 7D Avg		
Net LNG Exports	10.7	<b>0.26</b>	<b>0.15</b>		

0.04

8.2

ResComm

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.4	<b>-</b> 0.74	<b>▼</b> -0.63

Δ from 7D

Avg

1.13

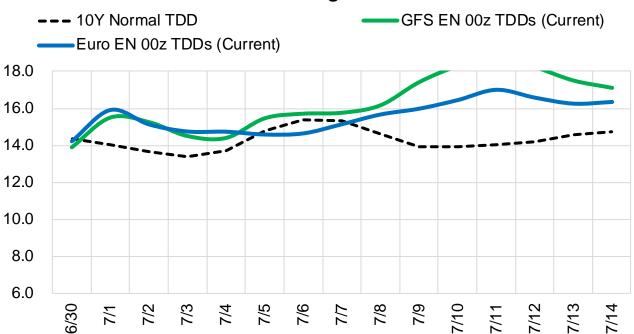
Δ from 7D Avg

0.63

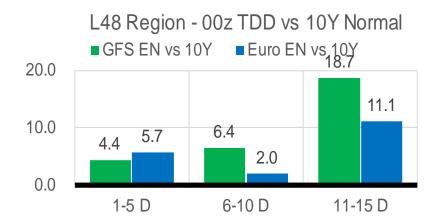


### Short-term Weather Model Outlooks (00z)

### L48 Region



### Vs. 10Y Normal



Source: WSI, Bloomberg



## Lower 48 Component Models

#### **Daily Balances**

	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun	30-Jun	DoD	vs. 7D
Lower 48 Dry Production	96.4	96.9	96.8	96.5	95.9	95.5	94.9	▼-0.6	▼ -1.4
Canadian Imports	5.5	5.4	5.6	5.6	5.8	5.6	6.2	<b>0.6</b>	<b>0.6</b>
L48 Power	40.4	39.5	39.0	39.9	39.0	40.0	40.8	<b>0.9</b>	<b>1.2</b>
L48 Residential & Commercial	7.9	7.8	7.9	8.2	8.1	8.2	8.2	<b>0.0</b>	<b>0.2</b>
L48 Industrial	19.3	19.0	18.8	18.9	19.1	19.3	19.7	<b>0.4</b>	<b>a</b> 0.6
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.2	5.2	5.2	5.1	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	2.6	2.6	2.6	2.6	2.6	2.6	2.7	<b>0.1</b>	<b>0.1</b>
L48 Regional Gas Consumption	75.5	74.0	73.5	74.8	74.0	75.2	76.5	<b>1.3</b>	<b>2.0</b>
Net LNG Delivered	10.41	10.31	10.43	10.61	11.02	10.42	10.68	<b>0.3</b>	<b>△</b> 0.1
Total Mexican Exports	7.1	7.0	6.9	6.9	7.2	7.2	6.4	▼ -0.7	▼ -0.6
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	8.9	11.0	11.5	9.8	9.5	8.3	7.5		

#### **EIA Storage Week Balances**

**Monthly Balances** 

**Daily Model Error** 

	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	WoW	vs. 4W
Lower 48 Dry Production	95.3	96.2	96.9	96.4	95.9	95.9	▼ 0.0	▼-0.4
Canadian Imports	4.9	4.9	4.8	5.4	6.1	5.6	▼ -0.5	<b>0.3</b>
L48 Power	30.4	30.0	30.4	32.3	37.8	37.4	▼-0.3	<b>4.8</b>
L48 Residential & Commercial	10.0	11.6	9.1	8.6	8.3	8.4	<b>0.1</b>	<b>▼</b> -1.0
L48 Industrial	21.3	20.2	21.5	21.4	21.4	20.1	<b>▼</b> -1.3	<b>▼</b> -1.0
L48 Lease and Plant Fuel	5.1	5.2	5.2	5.2	5.2	5.2	▼ 0.0	▼ 0.0
L48 Pipeline Distribution	2.3	2.4	2.2	2.2	2.5	2.5	▼ 0.0	<b>0.2</b>
L48 Regional Gas Consumption	69.1	69.4	68.4	69.8	75.1	73.6	<b>▼</b> -1.5	<b>3.0</b>
Net LNG Exports	12.2	13.0	12.8	12.3	10.7	10.6	▼ 0.0	▼-1.6
Total Mexican Exports	7.0	7.0	7.1	7.1	7.2	7.0	▼-0.2	▼-0.1
Implied Daily Storage Activity	11.9	11.6	13.5	12.6	9.1	10.2	1.1	
EIA Reported Daily Storage Activity	12.4	11.7	14.6	13.1	10.6			
Daily Model Error	-0.5	-0.1	-1.1	-0.6	-1.5			

	Jun-20	Jun-21	Feb-22	Mar-22	Apr-22	May-22	Jun-22	MoM	vs. LY
Lower 48 Dry Production	87.8	93.2	92.7	93.5	96.0	96.0	96.2	<b>0.1</b>	<b>3.0</b>
Canadian Imports	4.0	4.8	6.5	5.2	5.8	5.1	5.6	<b>0.5</b>	▲ 0.8
L48 Power	34.9	35.9	28.7	25.5	24.7	28.8	36.5	<b>7.7</b>	<b>a</b> 0.6
L48 Residential & Commercial	8.8	8.9	43.3	31.5	22.5	12.3	8.4	<b>▼</b> -3.9	▼ -0.5
L48 Industrial	20.0	20.2	22.1	19.7	21.4	20.9	20.6	▼-0.3	<b>0.4</b>
L48 Lease and Plant Fuel	4.8	5.0	5.1	5.2	5.2	5.2	5.2	<b>0.0</b>	<b>0.2</b>
L48 Pipeline Distribution	2.3	2.4	3.5	2.9	2.6	2.3	2.4	<b>0.1</b>	<b>0.0</b>
L48 Regional Gas Consumption	70.8	72 5	102 7	847	76.4	69.5	73.2	<b>A</b> 37	<b>A</b> 0.7

2Yr Ago

L48 Regional Gas Consumption 10.2 12.9 12.3 12.5 11.2 **▼-1.3 1.0 Net LNG Exports** 4.0 12.4 **Total Mexican Exports** 5.5 7.4 6.2 6.5 6.7 7.0 7.1 ▼ -0.3 12.1 10.4 Implied Daily Storage Activity 11.5 8.0 -22.2 -5.4 6.4 **EIA Reported Daily Storage Activity** 

Source: Bloomberg, analytix.ai

MTD

# **Daily** Average Generation Data

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

	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	DoD	vs. 7D
NRC Nuclear Daily Output	89.8	90.1	90.3	87.3	87.9	88.1	88.5	0.3	-0.5
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	15.1	14.8	14.6	17.6	17.0	16.8	16.4	-0.3	0.5
NRC % Nuclear Cap Utilization	91.3	91.6	91.8	88.8	89.4	89.6	89.9	0.4	-0.5

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

	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	DoD	vs. 7D
CALI Wind	2048	2048	2048	2048	2048	2048	2048	0	0
TEXAS Wind	22879	22879	22879	22879	22879	22879	22879	0	0
US Wind	63443	63443	63443	63443	63443	63443	63443	0	0

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

EIA 930 data is not being updated. EIA experiencing some issues.

	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	DoD	vs. 7D
US Wind	63443	63443	63443	63443	63443	63443	63443	0	0
US Solar	19728	19728	19728	19728	19728	19728	19728	0	0
US Petroleum	1333	1333	1333	1333	1333	1333	1333	0	0
US Other	9775	9775	9775	9775	9775	9775	9775	0	0
US Coal	119543	119543	119543	119543	119543	119543	119543	0	0
US Nuke	90696	90696	90696	90696	90696	90696	90696	0	0
US Hydro	39690	39690	39690	39690	39690	39690	39690	0	0
US Gas	220700	220700	220700	220700	220700	220700	220700	0	0

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

•		•						
								WoW
	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	WoW	Bcf/d
NRC Nuclear Daily Output	81.7	84.2	86.2	88.3	88.2	89.0	0.8	-0.1
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	• • • • • • • • • • • • • • • • • • • •
NRC Nuclear Outage	23.2	20.6	18.7	16.6	16.7	15.9	-0.8	
NRC % Nuclear Cap Utilization	83.1	85.7	87.6	89.8	89.7	90.5	0.8	
Three years are commented.	33	33	00	00.0	00	00.0	0.0	
Wind Generation Weekly Ave	erage - MW	h (FIΔ)						
Willa Generation Weekly Ave	crage - mv	II (EIA)						
								WoW
	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	WoW	Bcf/d
	_0	u,	o oun		• • • • • • • • • • • • • • • • • •	<b>-</b> . • • • · · ·		Impact
CALI Wind	3452	2798	3268	3842	3032	2048	-985	0.2
TEXAS Wind	15706	14010	17915	12449	20462	22879	2418	-0.4
US Wind	50251	50129	57939	37417	57090	63443	6352	-1.1
							11%	
						0.1		_
<b>Generation Weekly Average</b>	- MWh (EIA	)			EIA 93	30 data is n	ot being	
,	•	•			update	ed. EIA exp	eriencing	
						some issu	es.	loW
	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	WoW	Bcf/d
	-	•						Impact
US Wind	50251	50129	57939	37417	57090	63443	6352	-1.1
US Solar	19634	17534	18656	18807	18731	19728	997	-0.2
US Petroleum	262	448	863	968	1244	1333	89	0.0
US Other	7871	7684	7866	8001	8688	9775	1087	-0.2
US Coal	88922	88570	89706	95415	106566	119543	12978	-2.3
US Nuke	85510	88016	89728	91641	91235	90696	-540	0.1

See National Wind and Nuclear daily charts

33772

160070

35051

163383

36328

178204

37495

31973

Source: Bloomberg, analytix.ai

39690

2195

-0.4

3.4



# **Monthly** Average Generation Data

Monthly Average Gen	Ciallon Dala
Nuclear Generation Monthly Average - GWh (NRC)	
2Yr Ago LY	MTD

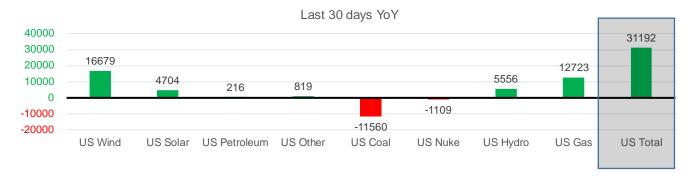
	Same 30 days	Same 30 days	Mar-22	Apr-22	May-22	Jun-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
NRC Nuclear Daily Output	90.2	88.7	81.3	73.3	81.7	88.5	88.5	6.9	-0.2
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
NRC Nuclear Outage	14.7	16.2	23.6	31.6	23.2	16.3	16.3	-6.9	0.2
NRC % Nuclear Cap Utilization	91.7	90.2	82.7	74.5	83.0	90.0	90.0	7.0	-0.2

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

	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Mar-22	Apr-22	May-22	Jun-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
CALI Wind	2582	2913	2250	3186	3361	2724	2724	-637	-189
TEXAS Wind	11533	9675	14837	16311	16756	19072	19072	2317	9398
US Wind	41582	37335	58528	64183	56462	54014	54014	-2448	16679

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

, , , , , , , , , , , , , , , , , , , ,	2Yr Ago	LY				MTD			
	Same 30 days	Same 30 days	Mar-22	Apr-22	May-22	Jun-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
US Wind	41582	37335	58528	64183	56462	54014	54014	<b>0.0</b>	<b>16679</b>
US Solar	11752	14512	14061	16296	18186	19216	19216	<b>0.0</b>	<b>4704</b>
US Petroleum	867	988	985	985	518	1204	1204	<b>a</b> 0	<b>216</b>
US Other	8361	8175	7206	7386	7724	8994	8994	<b>a</b> 0	<b>819</b>
US Coal	91513	121266	82290	77545	85273	109706	109706	<b>a</b> 0	<b>▼-11560</b>
US Nuke	93734	92182	85256	77217	85496	91073	91073	<b>a</b> 0	<b>▼ -1109</b>
US Hydro	36815	32597	33959	29022	31369	38153	38153	<b>a</b> 0	<b>5556</b>
US Gas	186569	191945	137232	133068	157565	204668	204668	<b>a</b> 0	<b>12723</b>
US Total	469891	499293	419838	406223	443965	530484	530484	<b>0</b>	<b>31192</b>



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



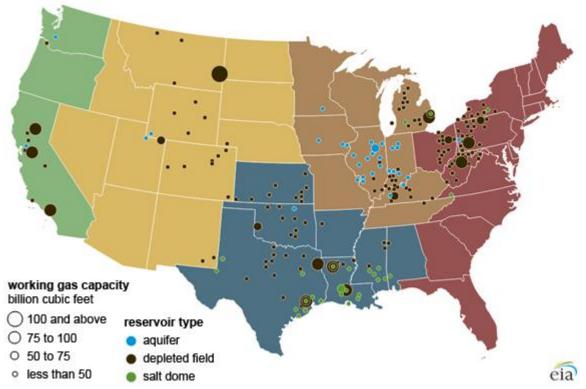
## Regional S/D Models Storage Projection

Week Ending 24-Jun

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	11.1	0.2	11.3	79
East	2.1	1.7	3.8	27
Midwest	5.6	-1.1	4.5	31
Mountain	4.7	-3.8	1.0	7
South Central	-2.8	4.2	1.4	10
Pacific	1.5	-0.8	0.7	5

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

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



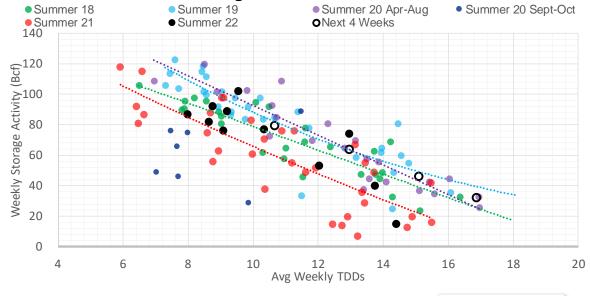


## Weather Model Storage Projection

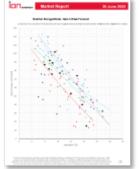
Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
24-Jun	10.7	79
01-Jul	13.0	64
08-Jul	15.1	46
15-Jul	16.9	32

### Weather Storage Model - Next 4 Week Forecast



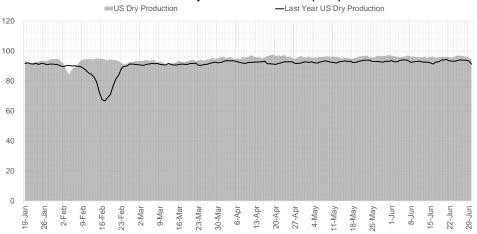
Go to larger image



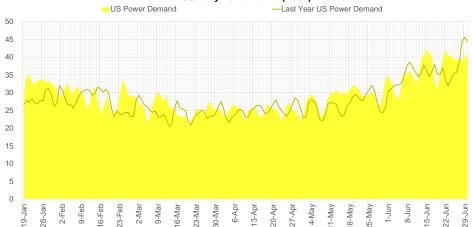


### Supply - Demand Trends

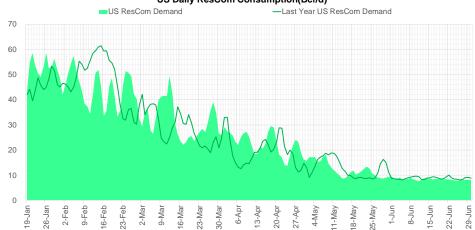
#### US Dry Natural Gas Production (Bcf/d)



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



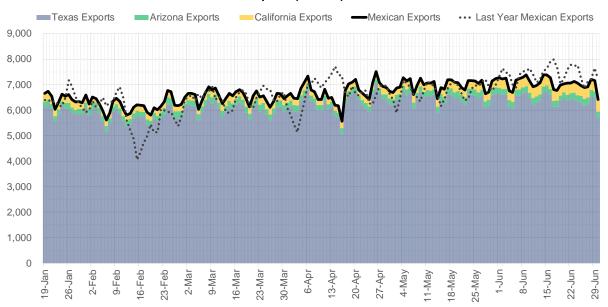
#### US Daily ResCom Consumption(Bcf/d)



Source: Bloomberg



#### Mexican Exports (MMcf/d)



#### Sabine Pass Exports Cameron Exports Cove Point Exports Elba Exports Everett Exports Freeport Exports Golden Pass Exports Lake Charles Exports Chorpus Christie Import ■Neptune Exports ■ Northeast Exports LNG Exports 14,000 12,000 10,000 8,000 6,000 4,000 2,000 0 (2,000)

Net LNG Exports - Last 30 days (MMcf/d)

Source: Bloomberg



# Nat Gas Options Volume and Open Interest CME and ICE Combined

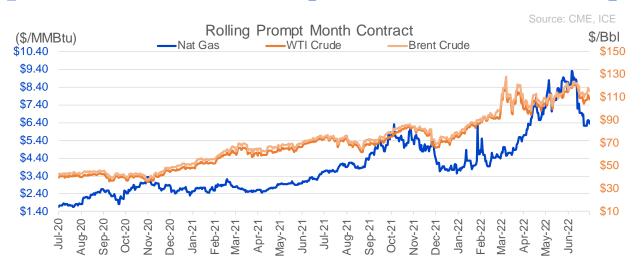
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
8	2022	С	7.00	7236	8	2022	С	10.00	41973
8	2022	C	7.50	4853	8	2022	č	12.00	38204
8	2022	C	9.75	3346	10	2022	Č	6.00	35558
8	2022	C	10.25	3346	8	2022	Č	10.50	30509
1	2022	C	10.25	3102	10	2022	P	6.00	23929
8	2023	P	6.00	3036	9	2022	Ċ	6.00	23732
		P P			10	2022	P	3.00	23570
8	2022		5.50	2606	10	2022	Ċ	5.00	23365
10	2022	C P	9.00	2389	8	2022	Č	12.10	22003
10	2022	-	5.00	1870	8	2022	P	6.00	21809
3	2023	С	10.00	1800	9	2022	Ċ	10.00	21501
1	2023	С	15.00	1700	8	2022	Č	7.00	20981
8	2022	P	4.50	1550	10	2022	P	3.50	20585
10	2023	P	2.00	1550	10	2022	P	2.50	19851
8	2022	С	8.00	1317	8	2022	Ċ	6.00	19756
2	2023	С	10.00	1300	9	2022	P	4.00	19495
8	2022	P	5.00	1235	8	2022	Ċ	8.00	19249
8	2022	С	9.50	1229	5	2023	P	2.00	19202
10	2022	Р	4.50	1221	8	2023	C	9.00	18308
11	2022	С	10.00	1200	12	2022	C	5.00	18221
10	2022	С	7.50	1188	9	2022	C	7.00	17898
8	2022	С	9.00	1097	3	2023	C	10.00	17727
9	2022	С	7.50	1072	10	2023	P	2.00	17308
4	2023	Р	2.00	1050	8	2022	P	5.50	16836
5	2023	Р	2.00	1050	1	2023	C	10.00	16454
6	2023	Р	2.00	1050	10	2023	P	2.00	16180
7	2023	Р	2.00	1050	8	2023	P	7.00	16006
8	2023	Р	2.00	1050	9	2022	C	4.00	15970
9	2023	Р	2.00	1050	10	2022	P	4.00	15970
10	2022	Р	5.50	1044	10	2022	C	10.00	15756
9	2022	Р	5.50	1031	2	2023	C	10.00	15724
8	2022	Р	4.00	1001	9	2023	P	2.50	15293
11	2022	С	7.50	1000	9	2022	P	3.00	15089
12	2022	С	7.50	1000	12	2022	P	5.00	14971
12	2022	Р	5.50	1000	8	2022	P	5.00	14932
12	2022	Р	6.00	1000	8	2022	P	3.00	14932
9	2022	Р	6.00	995	9	2022	P	2.75	14887
9	2022	Р	5.00	941	10	2022	P	3.25	14398
8	2022	С	8.50	928	10	2022	C	8.00	14377
10	2022	C	8.00	927	10	2022	P	5.00	14358
9	2022	Ċ	9.00	925	10	2023	P	3.00	14155
8	2022	P	5.25	862	4	2023	P	3.00	14032
9	2022	Р	6.50	835	12	2023	C	6.00	13921
9	2022	C	7.00	809	10	2022	C	7.00	13561
8	2022	P	5.75	775	8	2022	P	4.00	13458
1	2023	C	10.50	775 775	8 10	2022	C	4.00	
2	2023	C	10.50	775 775					13308
3	2023	C	10.50	775 775	9 8	2022 2022	C C	9.00 3.00	13261 13226
4	2023	C	10.00	775 775	9	2022	C	3.00	13225
4	2023	C	10.50	775 775	9 10	2022 2022			13225
4	2023	O	10.00	113	10	2022	C Source	: CME, ICE	13114



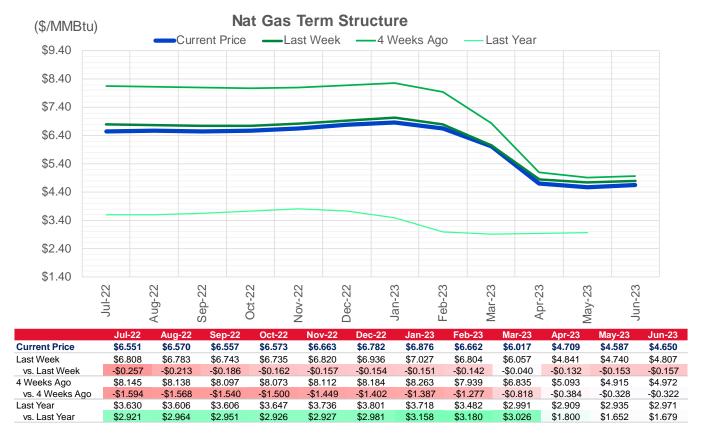
## Nat Gas Futures Open Interest

CME and ICE Combined

CME	E Henry Hu	b Futures (	10,000 MMBtu	1)	ICE Henry	Hub Futures Cont	ract Equiva	alent (10,000 MM
		Current	Prior	Daily Change		Current	Prior	Daily Change
AUG	3 22	102565	103596	-1031	AUG 22	76982	77286	-304
SEF	22	142467	142243	224	SEP 22	78861	76910	1951
OCT	Γ 22	97001	97834	-833	OCT 22	73299	78390	-5091
NO\	/ 22	54931	54833	98	NOV 22	59940	74178	-14238
DEC	22	52409	51548	861	DEC 22	64683	60318	4366
JAN	123	61940	61452	488	JAN 23	65678	64414	1264
FEB	3 23	30670	29616	1054	FEB 23	53430	65965	-12535
MAF	R 23	48240	47536	704	MAR 23	51302	53393	-2091
APF	R 23	67372	67384	-12	APR 23	51304	51412	-108
MAY	<b>/</b> 23	58574	58782	-208	MAY 23	50845	51421	-576
JUN	123	21627	21541	86	JUN 23	44441	50877	-6436
JUL	23	24073	24590	-517	JUL 23	43979	44515	-536
AUG	3 23	15816	15816	0	AUG 23	42990	43986	-995
SEF	23	16634	16955	-321	SEP 23	42277	43029	-751
OCT		38496	38546	-50	OCT 23	49790	42291	7499
NO/		12441	12291	150	NOV 23	44309	49984	-5675
DEC	23	12287	12100	187	DEC 23	40480	44349	-3870
JAN	l 24	18221	18323	-102	JAN 24	39457	40457	-1000
FEB	3 24	7175	7195	-20	FEB 24	28374	39536	-11162
MAF		15667	15613	54	MAR 24	32921	28219	4702
APF		13770	13542	228	APR 24	27197	32949	-5752
MAY		6201	6192	9	MAY 24	26241	27084	-843
JUN		2216	2216	0	JUN 24	23132	26124	-2992
JUL		1945	1944	1	JUL 24	23066	22973	93
AUG		3005	3005	0	AUG 24	23409	22934	475
SEF		1385	1385	0	SEP 24	22856	23277	-421
OCT		6921	6920	1	OCT 24	25644	22727	2918
NO/		4558	4550	8	NOV 24	24161	25524	-1363
DEC		7119	7119	0	DEC 24	26272	23959	2313
JAN	125	13174	0	13174	JAN 25	18053	26062	-8010







		Cash	Prompt	Cash to
	Units	Settled	Settle	Prompt
AGT Citygate	\$/MMBtu	6.25	6.58	0.33
TETCO M3	\$/MMBtu	6.34	6.33	-0.01
FGT Zone 3	\$/MMBtu	6.49	7.32	0.83
Zone 6 NY	\$/MMBtu	6.49	6.12	-0.37
Chicago Citygate	\$/MMBtu	6.49	6.60	0.11
Michcon	\$/MMBtu	6.53	6.54	0.01
Columbia TCO Pool	\$/MMBtu	5.98	6.02	0.05
Ventura	\$/MMBtu	7.70	6.48	-1.22
Rockies/Opal	\$/MMBtu	6.41	6.27	-0.14
El Paso Permian Basin	\$/MMBtu	6.19	6.01	-0.18
Socal Citygate	\$/MMBtu	7.20	7.04	-0.16
Malin	\$/MMBtu	5.70	6.43	0.73
Houston Ship Channel	\$/MMBtu	6.49	6.45	-0.04
Henry Hub Cash	\$/MMBtu	6.58	6.41	-0.18
AECO Cash	C\$/GJ	4.87	5.50	0.63
Station2 Cash	C\$/GJ	4.79	6.10	1.31
Dawn Cash	C\$/GJ	6.56	6.63	0.07

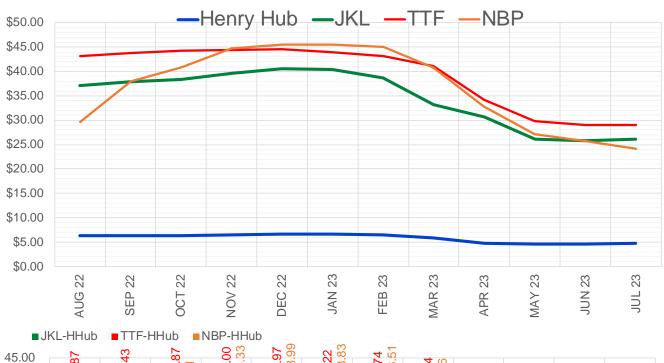
Source: CME, Bloomberg

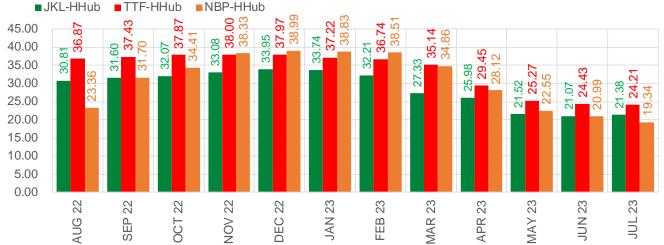


				vs. 4 Weeks	
	Units	<b>Current Price</b>	vs. Last Week		vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	<b>0.000</b>	<b>0.000</b>	<b>2.222</b>
NatGas Oct21/Nov21	\$/MMBtu	0.361	<b>0.000</b>	<b>0.000</b>	<b>a</b> 0.322
NatGas Oct21/Jan22	\$/MMBtu	-1.817	<b>0.000</b>	<b>0.000</b>	<b>▼</b> -2.005
NatGas Apr22/Oct22	\$/MMBtu	1.183	<b>-</b> 0.307	<b>-</b> 2.095	<b>1.187</b>
WTI Crude	\$/Bbl	109.78	<b>3.590</b>	<b>-</b> 5.480	<b>36.310</b>
Brent Crude	\$/Bbl	116.26	<b>4.520</b>	-0.030	<b>4</b> 1.130
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	<b>0.000</b>	0.000	<b>0.000</b>
Heating Oil	cents/Gallon	403.67	<b>-</b> 36.790	<b>-10.660</b>	<b>190.800</b>
Propane, Mt. Bel	cents/Gallon	1.22	-0.002	-0.007	<b>0.245</b>
Ethane, Mt. Bel	cents/Gallon	0.64	▲ 0.008	<b>-</b> 0.005	<b>a</b> 0.367
Coal, PRB	\$/MTon	12.30	<b>0.000</b>	0.000	<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			



### **Nat Gas Term Structure (\$MMBTU)**



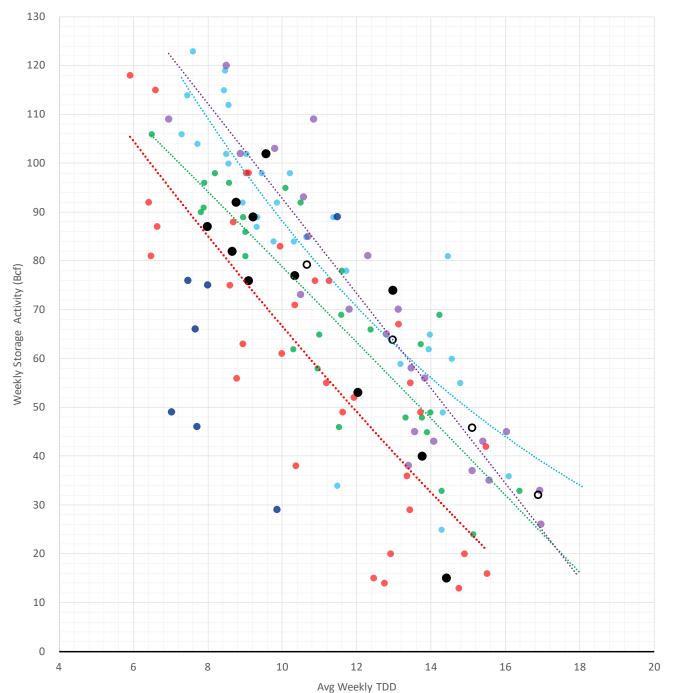


	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23
Henry Hub	\$6.352	\$6.349	\$6.375	\$6.475	\$6.593	\$6.684	\$6.480	\$5.916	\$4.705	\$4.607	\$4.671	\$4.738
JKL	\$37.160	\$37.950	\$38.440	\$39.555	\$40.540	\$40.425	\$38.685	\$33.250	\$30.685	\$26.125	\$25.740	\$26.120
JKL-HHub	\$30.808	\$31.601	\$32.065	\$33.080	\$33.947	\$33.741	\$32.205	\$27.334	\$25.980	\$21.518	\$21.069	\$21.382
TTF	\$43.225	\$43.777	\$44.247	\$44.473	\$44.567	\$43.905	\$43.217	\$41.053	\$34.152	\$29.872	\$29.098	\$28.945
TTF-HHub	\$36.873	\$37.428	\$37.872	\$37.998	\$37.974	\$37.221	\$36.737	\$35.137	\$29.447	\$25.265	\$24.427	\$24.207
NBP	\$29.712	\$38.049	\$40.781	\$44.807	\$45.586	\$45.514	\$44.989	\$40.777	\$32.820	\$27.155	\$25.662	\$24.074
NBP-HHub	\$23.360	\$31.700	\$34.406	\$38.332	\$38.993	\$38.830	\$38.509	\$34.861	\$28.115	\$22.548	\$20.991	\$19.336



### Weather Storage Model - Next 4 Week Forecast

• Summer 18 • Summer 19 • Summer 20 Apr-Aug • Summer 20 Sept-Oct • Summer 21 • Summer 22 ◆ Next 4 Weeks





### Weather Storage Model - Next 4 Week Forecast

