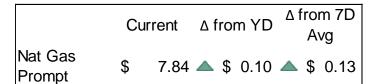


13 May 2022



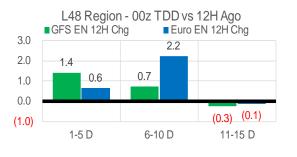
	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 107.75	\$ 1.62	\$ 1.5

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 109.06	\$ 1.61	\$ 0.4

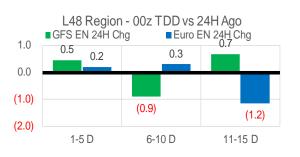
Page Menu

Short-term Weather Model Outlooks
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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	95.3	▼ -0.62	▼ -0.74		

	Current	Δ from YD	Δ from 7D Avg		
US Power Burns	28.8	▼ -0.75	1 .99		

	Current	Δ from YD	Δ from 7D Avg		
US ResComm	9.7	▼ -1.07	▼ -4.50		

	Current	Δ from YD	Δ from 7D Avg		
Canadian Imports	5.1	▼ -0.12	▼ -0.12		

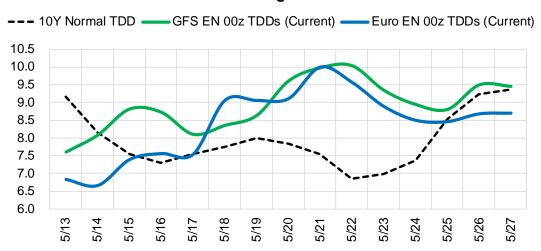
	Current	Δ from YD	Δ from 7D Avg		
Net LNG Exports	11.8	-0.06	▼ -0.39		

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.4	▼ -0.62	▼ -0.63

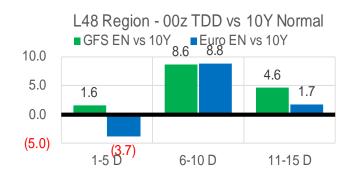


Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal





Lower 48 Component Models

Daily Balances

	7-May	8-May	9-May	10-May	11-May	12-May	13-May	DoD	vs. 7D
Lower 48 Dry Production	96.2	95.9	96.2	96.1	96.0	96.0	95.3	▼ -0.6	▼ -0.7
Canadian Imports	5.1	5.1	5.2	5.2	4.9	5.2	5.1	▼ -0.1	▼ 0.0
L48 Power	24.0	23.2	25.6	28.2	29.8	29.5	28.8	▼ -0.7	2.1
L48 Residential & Commercial	17.0	17.6	14.3	12.7	11.7	10.8	9.7	▼ -1.1	▼ -4.3
L48 Industrial	21.5	21.7	21.4	21.4	21.4	21.7	21.8	0.2	0.3
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	2.3	2.3	2.3	2.3	2.4	2.3	2.2	▼ -0.1	▼ -0.1
L48 Regional Gas Consumption	70.0	70.0	68.8	69.8	70.4	69.5	67.6	▼ -1.8	▼ -2.1
Net LNG Delivered	12.12	12.34	12.29	12.51	12.31	11.87	11.80	▼ -0.1	▼ -0.4
Total Mexican Exports	6.9	6.6	7.0	7.2	7.1	7.0	6.4	▼ -0.6	▼ -0.6
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	12.2	12.0	13.3	11.8	11.1	12.8	14.6		

EIA Storage Week Balances

	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	WoW	vs. 4W
Lower 48 Dry Production	95.8	96.4	96.7	95.8	95.8	96.1	0.2	▼ -0.1
Canadian Imports	5.8	5.6	5.8	6.1	5.9	5.2	▼ -0.8	▼ -0.7
L48 Power	25.0	24.6	25.1	25.0	26.5	26.8	a 0.3	1.5
L48 Residential & Commercial	25.2	22.4	24.1	18.5	16.5	14.2	▼ -2.3	▼ -6.2
L48 Industrial	22.5	21.7	21.8	21.9	21.5	21.5	▼ 0.0	▼ -0.2
L48 Lease and Plant Fuel	5.2	5.3	5.3	5.2	5.2	5.2	0.0	▼ 0.0
L48 Pipeline Distribution	2.8	2.6	2.7	2.4	2.4	2.3	▼ -0.1	▼ -0.2
L48 Regional Gas Consumption	80.7	76.5	79.0	73.1	72.1	70.1	▼ -2.1	▼ -5.1
Net LNG Exports	12.4	12.5	12.1	12.2	12.2	12.2	0.0	▼ 0.0
Total Mexican Exports	6.8	6.6	6.7	6.9	6.9	7.0	0.1	0.2
Implied Daily Storage Activity	1.7	6.5	4.7	9.8	10.5	12.0	1.5	
EIA Reported Daily Storage Activity	2.1	7.6	5.7	11.0	10.9			
Daily Model Error	-0.4	-1.1	-1.0	-1.2	-0.3			

Monthly Balances									
•	2Yr Ago	LY					MTD		
	May-20	May-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	MoM	vs. LY
Lower 48 Dry Production	87.0	93.0	93.4	92.7	95.0	96.2	95.9	▼ -0.2	3.0
Canadian Imports	3.9	4.5	6.7	6.6	5.2	5.8	5.5	▼ -0.3	1.0
L48 Power	26.9	26.5	31.5	28.9	25.6	24.8	27.2	2.4	0.7
L48 Residential & Commercial	12.8	12.8	49.1	44.4	30.7	22.2	15.1	▼ -7.1	2.3
L48 Industrial	19.4	20.9	24.7	22.5	21.8	21.9	21.5	▼ -0.4	a 0.6
L48 Lease and Plant Fuel	4.7	5.0	5.1	5.1	5.2	5.2	5.2	▼ -0.1	0.2
L48 Pipeline Distribution	2.2	2.2	3.8	3.6	2.9	2.6	2.4	▼ -0.2	0.2
L48 Regional Gas Consumption	65.9	67.5	114.3	104.4	86.2	76.8	71.4	▼ -5.4	3.9
Net LNG Exports	6.7	10.8	12.4	12.4	12.9	12.3	12.2	▼ -0.1	1.4
Total Mexican Exports	4.8	6.8	6.3	6.2	6.5	6.7	7.0	0.3	▲ 0.2
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	13.6	12.4	-32.9	-23.7	-5.4	6.2	10.9		

Source: Bloomberg, analytix.ai



Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	5-May	6-May	7-May	8-May	9-May	10-May	11-May	DoD	vs. 7D
NRC Nuclear Daily Output	77.8	78.2	78.6	78.0	79.2	79.9	80.4	0.4	1.8
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	27.1	26.6	26.3	26.9	25.7	24.9	24.5	-0.4	-1.8
NRC % Nuclear Cap Utilization	79.1	79.6	79.9	79.3	80.5	81.3	81.7	0.5	1.8

Wind Generation Daily Average - MWh (EIA)

	5-May	6-May	7-May	8-May	9-May	10-May	11-May	DoD	vs. 7D
CALI Wind	2941	4342	4672	4621	3997	3684	3767	82	-276
TEXAS Wind	14500	8908	15424	20061	21168	20896	18474	-2422	1648
US Wind	42897	40592	68728	68342	81201	65666	61454	-4211	217

Generation Daily Average - MWh (EIA)

	5-May	6-May	7-May	8-May	9-May	10-May	11-May	DoD	vs. 7D
US Wind	42897	40592	68728	68342	81201	65666	61454	-4211	217
US Solar	16197	17111	16369	17281	18101	17689	16728	-961	-397
US Petroleum	990	828	187	187	248	282	386	104	-67
US Other	7703	7309	7188	7188	7053	7409	7786	377	478
US Coal	88667	88534	74823	76144	76009	84621	85465	844	3999
US Nuke	81629	82169	82325	82340	83649	84062	84471	409	1775
US Hydro	28851	28357	24227	24641	27831	31619	32610	991	5022
US Gas	160867	159477	128583	121067	136613	153996	168494	14498	25060

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	WoW	WoW Bcf/d Impact
IRC Nuclear Daily Output	75.0	71.9	72.3	73.5	76.7	79.3	2.7	-0.5
IRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
IRC Nuclear Outage	29.9	32.9	32.6	31.4	28.2	25.5	-2.7	
IRC % Nuclear Cap Utilization	76.3	73.2	73.5	74.8	78.0	80.7	2.7	

Vind Generation Weekly Average - MWh (EIA)

	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	WoW	Bcf/d Impact
ALI Wind	2611	3434	3613	3153	2929	4121	1193	-0.2
EXAS Wind	14468	16530	15612	18327	16902	17629	727	-0.1
JS Wind	59878	66240	61556	66986	57243	63920	6677	-1.2
							12%	
						0.0		

Generation Weekly Average - MWh (EIA)

_						est.			
	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	WoW	WoW Bcf/d Impact	
JS Wind	59878	66240	61556	66986	57243	63920	6677	-1.2	
JS Solar	15518	16118	15897	16968	16815	17144	329	-0.1	
JS Petroleum	1015	964	984	992	931	358	-573	0.1	
JS Other	7183	7154	7544	7717	7497	7388	-108	0.0	
JS Coal	77514	77087	79632	77532	78898	81580	2682	-0.5	
JS Nuke	78807	75674	76478	77438	80545	83355	2810	-0.5	
JS Hydro	32524	29415	28355	26722	26823	28842	2019	-0.4	
JS Gas	134633	134338	133367	131482	145587	148103	2516	0.5	

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

WOW

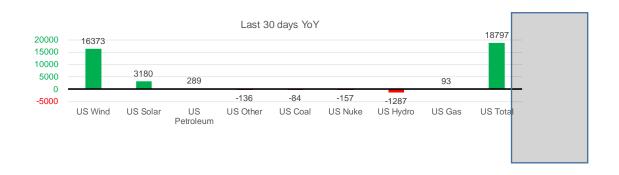
US Gas

US Total

Market Report

Monthly Average Generation Data

	2Yr Ago	Wh (NR) LY	-,			MTD		
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22	Last 30 days	Last 30 days YoY
NRC Nuclear Daily Output	79.2	76.2	87.3	81.3	73.3	78.8	75.5	-0.6
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0
NRC Nuclear Outage	25.7	28.7	17.5	23.6	31.6	26.1	29.3	0.6
NRC % Nuclear Cap Utilization	80.5	77.4	88.8	82.7	74.5	80.1	76.8	-0.6
Wind Generation Monthly A	verage - MW	h (EIA)						
Ž	2Yr Ago	LY				MTD		
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22	Last 30 days	Last 30 days YoY
CALI Wind	2697	3001	1495	2250	3186	3631	3472	471
TEXAS Wind	11117	11547	11750	14837	16311	17341	17096	5549
						17041	17000	00.10
US Wind	40918	46116	54543	58528	64179	58987	62489	16373
US Wind			54543	58528				
-			54543	58528				
US Wind	je - MWh (EIA)	54543 Feb-22	58528 Mar-22		58987		
US Wind	je - MWh (EIA 2Yr Ago Same 30) LY Same 30			64179	58987 MTD	62489 Last 30	16373 Last 30 days
US Wind Generation Monthly Average	j e - MWh (EIA 2Yr Ago Same 30 days	LY Same 30 days	Feb-22	Mar-22	64179 Apr-22	58987 MTD May-22	62489 Last 30 days	16373 Last 30 days YoY
US Wind Generation Monthly Average US Wind	ge - MWh (EIA 2Yr Ago Same 30 days 40918) LY Same 30 days 46116	Feb-22 54543	Mar-22 58528	64179 Apr-22 64179	58987 MTD May-22 58987	62489 Last 30 days 62489	16373 Last 30 days YoY 16373
US Wind US Wind US Wind US Solar	ge - MWh (EIA 2Yr Ago Same 30 days 40918 10975	LY Same 30 days 46116 13496	Feb-22 54543 12442	Mar-22 58528 14058	Apr-22 64179 16208	MTD May-22 58987 16902	Last 30 days 62489 16676	16373 Last 30 days YoY 16373 3180
US Wind US Wind US Wind US Solar US Petroleum	ge - MWh (EIA 2Yr Ago Same 30 days 40918 10975 666	LY Same 30 days 46116 13496 518	Feb-22 54543 12442 1331	Mar-22 58528 14058 985	Apr-22 64179 16208 985	MTD May-22 58987 16902 581	Last 30 days 62489 16676 807	16373 Last 30 days YoY 16373 3180 289
US Wind US Wind US Wind US Solar US Petroleum US Other	ge - MWh (EIA 2Yr Ago Same 30 days 40918 10975 666 7925	LY Same 30 days 46116 13496 518 7678	Feb-22 54543 12442 1331 8632	Mar-22 58528 14058 985 7206	Apr-22 64179 64179 16208 985 7386	58987 MTD May-22 58987 16902 581 7508	62489 Last 30 days 62489 16676 807 7542	Last 30 days YoY ▲ 16373 ▲ 3180 ▲ 289 ▼ -136



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



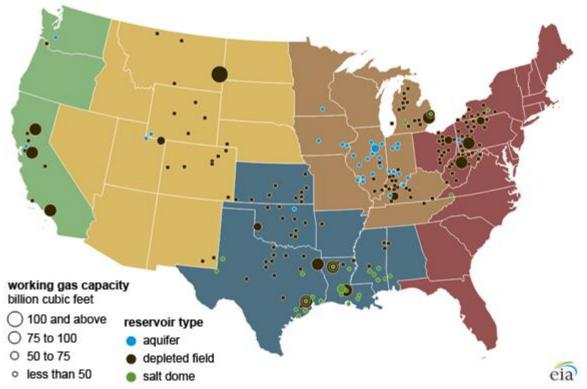
Regional S/D Models Storage Projection

Week Ending 13-May

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	12.6	0.3	12.9	90
East	0.3	2.5	2.8	20
Midwest	4.7	-0.5	4.2	29
Mountain	4.8	-3.4	1.4	10
South Central	1.8	2.3	4.1	29
Pacific	1.0	-0.7	0.4	3

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

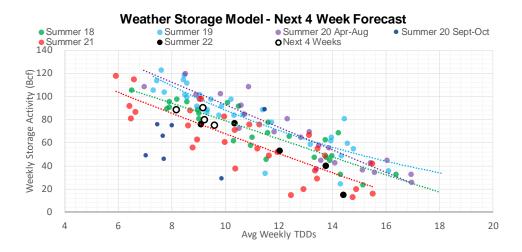
U.S. underground natural gas storage facilities by type (July 2015)





Weather Model Storage Projection

Nex	t report and bey	ond
Week Ending	TDDs	Week Storage Projection
13-May	9.2	90
20-May	8.2	88
27-May	9.2	80
03-Jun	9.6	75

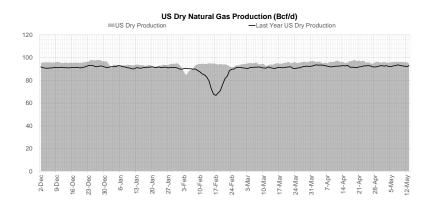


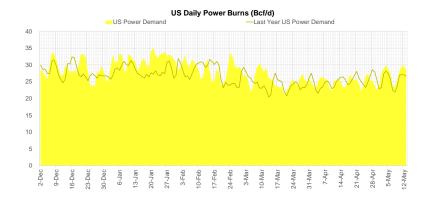
Go to larger image

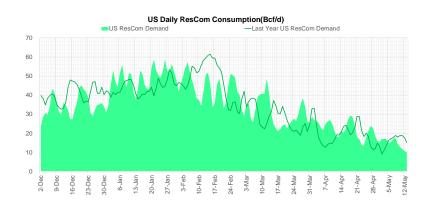




Supply - Demand Trends

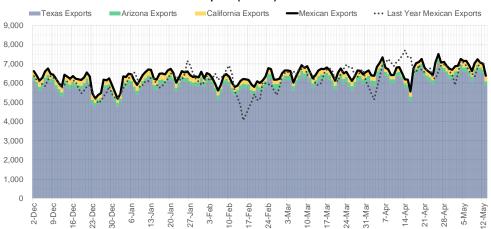








Mexican Exports (MMcf/d)



Net LNG Exports - Last 30 days (MMcf/d) Sabine Pass Exports Cameron Exports Cove Point Exports Elba Exports Everett Exports Freeport Exports Golden Pass Exports Lake Charles Exports 14,000 Chorpus Christie Import LNG Exports · · · Last Year LNG Exports 12.000 10,000 8,000 6,000 4,000 2,000 0 (2,000)



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
7	2022	Р	7.00	3102	8	2022	С	10.00	53282
7	2022	Р	7.25	3031	8	2022	Ċ	10.50	44125
6	2022	Р	6.00	2980	10	2022	C	6.00	34947
6	2022	C	9.00	2278	6	2022	Ċ	6.00	25140
6	2022	P	7.00	1827	10	2022	С	5.00	24289
7	2022	C	9.00	1294	9	2022	С	6.00	23730
6	2022	Č	12.00	1290	10	2022	Р	3.50	20880
6	2022	P	8.00	1010	10	2022	Р	3.00	20842
6	2022	С	8.25	952	8	2022	С	6.00	19666
6	2022	Ċ	10.00	950	10	2022	Р	2.50	19630
6	2022	C	8.50	838	6	2022	Р	4.00	19544
10	2022	P	3.00	750	6	2022	С	7.00	19494
7	2022	Р	5.25	702	6	2022	Р	6.00	19350
6	2022	С	9.50	692	7	2022	С	8.00	19259
7	2022	P	6.00	659	7	2022	С	6.00	19025
6	2022	Р	6.50	656	6	2022	С	10.00	18450
4	2023	Р	4.00	600	10	2022	Р	6.00	18431
6	2022	C	10.50	552	12	2022	С	5.00	18221
6	2022	P	7.70	504	8	2022	С	7.00	18213
6	2022	Р	8.30	501	9	2022	С	7.00	17849
9	2022	Р	3.00	500	9	2022	С	10.00	17688
10	2022	Р	2.75	500	6	2022	С	5.00	17647
11	2022	P	2.75	500	6	2022	P	5.50	17468
11	2022	Р	3.00	500	7	2022	С	7.00	17369
12	2022	P	2.75	500	7	2022	P	3.25	17344
12	2022	Р	3.00	500	10	2022	P	2.00	17320
6	2022	С	8.00	404	6	2022	Р	3.00	17223
6	2022	P	6.25	403	10	2022	P	4.00	17139
8	2022	Р	5.00	350	6	2022	P	4.75	17118
8	2022	Р	7.00	314	6 6	2022 2022	C C	12.00	17014 16569
4	2023	С	9.00	300	6 7	2022	C	9.00 10.00	16508
5	2023	C	9.00	300	1	2022	C		
6	2023	С	9.00	300	6	2023	P	10.00 3.50	16019 15958
7	2023	С	9.00	300	7	2022	C	9.00	15935
8	2023	С	9.00	300	6	2022	P	7.00	15917
9	2023	С	9.00	300	6	2022	r P	5.00	15769
10	2023	С	9.00	300	5	2023	Р	2.00	15736
6	2022	Р	7.50	280	2	2023	C	10.00	15594
1	2024	С	6.00	275	11	2022	P	4.00	15571
2	2024	С	6.00	275	9	2022	Р	2.50	15291
3	2024	С	6.00	275	7	2022	Р	3.50	14978
4	2024	С	6.00	275	9	2022	Р	2.75	14933
5	2024	C	6.00	275	10	2022	Р	3.25	14717
6	2024	С	6.00	275	9	2022	Р	3.00	14716
7	2024	C	6.00	275	8	2022	C	9.00	14665
8	2024	С	6.00	275	7	2022	P	3.00	14641
9	2024	Ċ	6.00	275	8	2022	Р	3.00	14603
10	2024	C	6.00	275	6	2022	C	8.00	14391
11	2024	С	6.00	275	6	2022	P	3.75	14259.5

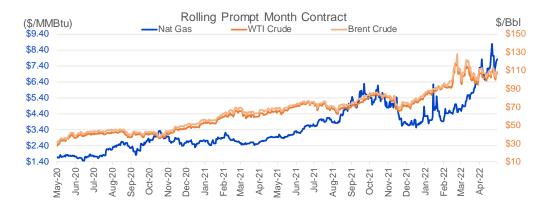
Source: CME, ICE



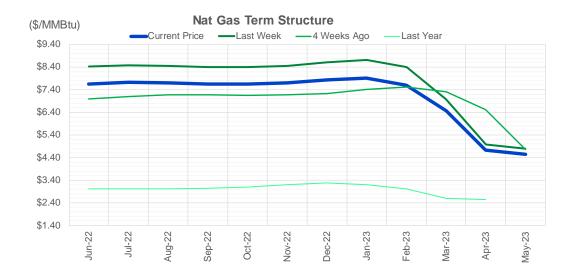
Nat Gas Futures Open Interest CME and ICE Combined

CME Henry H	lub Futures (10,	000 MMBtu)		ICE Henry H	lub Futures Contra	ct Equivaler	nt (10,000 MMBtu)
	Current	Prior	Daily Change		Current	Prior	Daily Change
JUN 22	70396	72998	-2602	JUN 22	82954	82622	332
JUL 22	192357	182818	9539	JUL 22	75870	76469	-599
AUG 22	60430	58923	1507	AUG 22	59288	59490	-202
SEP 22	85379	85414	-35	SEP 22	64312	64409	-97
OCT 22	95918	94719	1199	OCT 22	77173	77487	-314
NOV 22	52448	51198	1250	NOV 22	58371	58334	37
DEC 22	48715	48790	-75	DEC 22	62537	62453	85
JAN 23	63158	62759	399	JAN 23	66105	66028	77
FEB 23	27701	27443	258	FEB 23	56419	56036	384
MAR 23	39053	38874	179	MAR 23	55417	55435	-19
APR 23	58331	57849	482	APR 23	53707	53626	81
MAY 23	61119	60841	278	MAY 23	52847	52508	339
JUN 23	26181	25188	993	JUN 23	44772	44742	30
JUL 23	20978	20870	108	JUL 23	44182	44102	81
AUG 23	13430	13349	81	AUG 23	43917	43891	26
SEP 23	17643	18050	-407	SEP 23	43430	43360	71
OCT 23	32653	32139	514	OCT 23	50588	50580	8
NOV 23	12921	12893	28	NOV 23	44314	44212	102
DEC 23	14023	14003	20	DEC 23	40334	40252	82
JAN 24	20374	20267	107	JAN 24	38948	38778	170
FEB 24	5863	5869	-6	FEB 24	26110	26149	-40
MAR 24	14191	14366	-175	MAR 24	30405	30431	-26
APR 24	11661	11685	-24	APR 24	26225	26200	25
MAY 24	6321	6319	2	MAY 24	25578	25597	-19
JUN 24	1803	1734	69	JUN 24	22026	22067	-42
JUL 24	1992	1992	0	JUL 24	22128	22187	-58
AUG 24	2961	2961	0	AUG 24	22233	22291	-58
SEP 24	1366	1366	0	SEP 24	21613	21652	-39
OCT 24	6704	6690	14	OCT 24	24021	24010	11
NOV 24	4677	4676	1	NOV 24	22467	22454	13

Source: CME, ICE







	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23
Current Price	\$7.640	\$7.727	\$7.708	\$7.661	\$7.650	\$7.712	\$7.828	\$7.921	\$7.594	\$6.463	\$4.716	\$4.548
Last Week	\$8.415	\$8.472	\$8.461	\$8.412	\$8.407	\$8.463	\$8.600	\$8.703	\$8.392	\$6.968	\$4.988	\$4.796
vs. Last Week	-\$0.775	-\$0.745	-\$0.753	-\$0.751	-\$0.757	-\$0.751	-\$0.772	-\$0.782	-\$0.798	-\$0.505	-\$0.272	-\$0.248
4 Weeks Ago	\$6.997	\$7.096	\$7.173	\$7.174	\$7.151	\$7.163	\$7.238	\$7.414	\$7.516	\$7.307	\$6.511	\$4.755
vs. 4 Weeks Ago	\$0.643	\$0.631	\$0.535	\$0.487	\$0.499	\$0.549	\$0.590	\$0.507	\$0.078	-\$0.844	-\$1.795	-\$0.207
Last Year	\$2.969	\$3.018	\$3.026	\$3.014	\$3.030	\$3.089	\$3.206	\$3.287	\$3.211	\$3.006	\$2.606	\$2.551
vs. Last Year	\$4.671	\$4.709	\$4.682	\$4.647	\$4.620	\$4.623	\$4.622	\$4.634	\$4.383	\$3.457	\$2.110	\$1.997

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	8.15	8.41	0.26
TETCO M3	\$/MMBtu	6.71	8.12	1.41
FGT Zone 3	\$/MMBtu	7.21	8.81	1.61
Zone 6 NY	\$/MMBtu	7.21	8.06	0.85
Chicago Citygate	\$/MMBtu	7.31	8.57	1.26
Michcon	\$/MMBtu	7.34	8.54	1.20
Columbia TCO Pool	\$/MMBtu	6.89	8.12	1.23
Ventura	\$/MMBtu	8.03	8.46	0.43
Rockies/Opal	\$/MMBtu	7.30	8.31	1.02
El Paso Permian Basin	\$/MMBtu	6.69	7.99	1.30
Socal Citygate	\$/MMBtu	7.55	8.80	1.25
Malin	\$/MMBtu	7.28	8.50	1.22
Houston Ship Channel	\$/MMBtu	7.43	8.67	1.24
Henry Hub Cash	\$/MMBtu	7.25	8.43	1.18
AECO Cash	C\$/GJ	5.91	6.71	0.80
Station2 Cash	C\$/GJ	5.81	8.18	2.37
Dawn Cash	C\$/GJ	7.41	8.52	1.11

Source: CME, Bloomberg

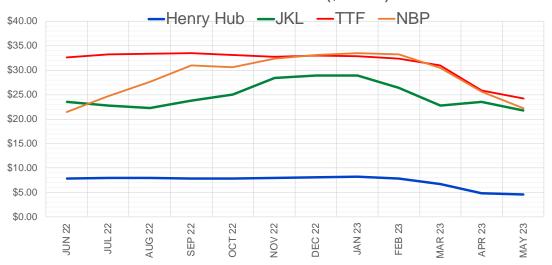


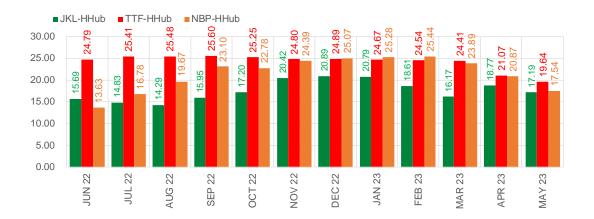


					. 4 Weeks			
	Units	Current Price	vs.	Last Week		Ago	VS	. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224		0.000		0.000		2.205
NatGas Oct21/Nov21	\$/MMBtu	0.361		0.000		0.000		0.298
NatGas Oct21/Jan22	\$/MMBtu	-1.817		0.000		0.000		-2.082
NatGas Apr22/Oct22	\$/MMBtu	2.432		-0.999		0.282		2.407
WTI Crude	\$/Bbl	106.13		-2.130	•	-0.820		42.310
Brent Crude	\$/Bbl	107.45		-3.450		-4.250		40.400
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18		0.000		0.000		0.000
Heating Oil	cents/Gallon	391.61		-12.520		6.130		191.520
Propane, Mt. Bel	cents/Gallon	1.24		-0.033		-0.102		0.440
Ethane, Mt. Bel	cents/Gallon	0.58		-0.049		0.072		0.321
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						



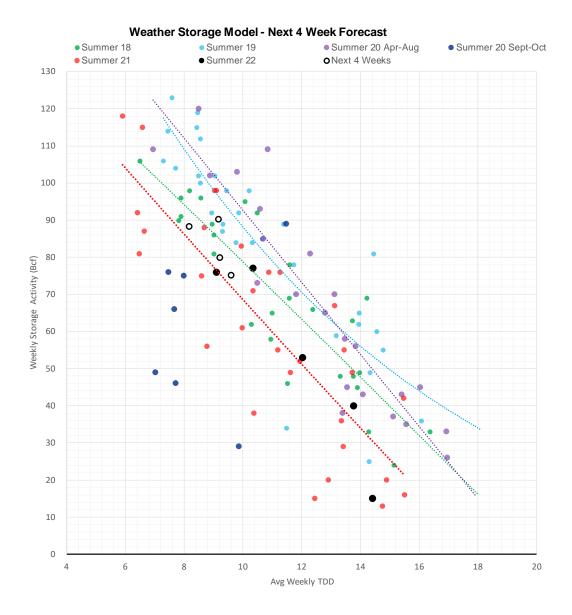
Nat Gas Term Structure (\$MMBTU)





	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23
enry Hub	\$7.836	\$7.930	\$7.949	\$7.890	\$7.863	\$8.007	\$8.072	\$8.187	\$7.847	\$6.655	\$4.789	\$4.630
KL	\$23.530	\$22.755	\$22.240	\$23.835	\$25.065	\$28.425	\$28.960	\$28.980	\$26.460	\$22.820	\$23.555	\$21.815
KL-HHub	\$15.694	\$14.825	\$14.291	\$15.945	\$17.202	\$20.418	\$20.888	\$20.793	\$18.613	\$16.165	\$18.766	\$17.185
TF	\$32.621	\$33.335	\$33.430	\$33.486	\$33.115	\$32.807	\$32.965	\$32.858	\$32.388	\$31.062	\$25.860	\$24.27
TF-HHub	\$24.785	\$25.405	\$25.481	\$25.596	\$25.252	\$24.800	\$24.893	\$24.671	\$24.541	\$24.407	\$21.071	\$19.641
BP	\$21.466	\$24.714	\$27.615	\$30.987	\$30.645	\$32.393	\$33.146	\$33.466	\$33.285	\$30.540	\$25.657	\$22.168
BP-HHub	\$13.630	\$16.784	\$19.666	\$23.097	\$22.782	\$24.386	\$25.074	\$25.279	\$25.438	\$23.885	\$20.868	\$17.53







Weather Storage Model for Summer 2021 & 2022

