

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 6.96 ▲	\$ 0.29 ▲	\$ 0.19

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 99.51 ▲	\$ 0.97 ▼	\$ (2.5)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 103.47 ▲	\$ 1.15 ▼	\$ (2.9)

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[Lower 48 Component Models](#)

[Regional S/D Models Storage Projection](#)

[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

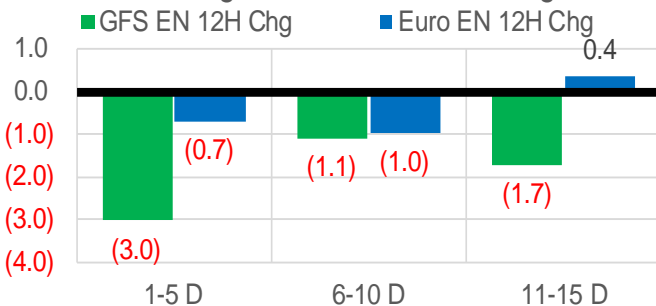
[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

[Price Summary](#)

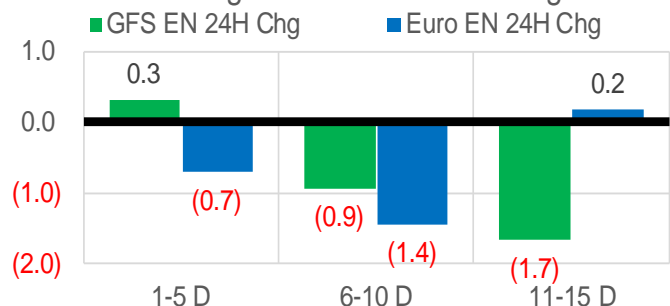
Vs. 12H Ago

L48 Region - 00z TDD vs 12H Ago



Vs. 24H Ago

L48 Region - 00z TDD vs 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	94.2 ▼	-2.15 ▼	-2.64

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	28.1 ▼	-0.74 ▼	1.33 ▲

	Current	Δ from YD	Δ from 7D Avg
US ResComm	19.4 ▲	2.38 ▲	1.35

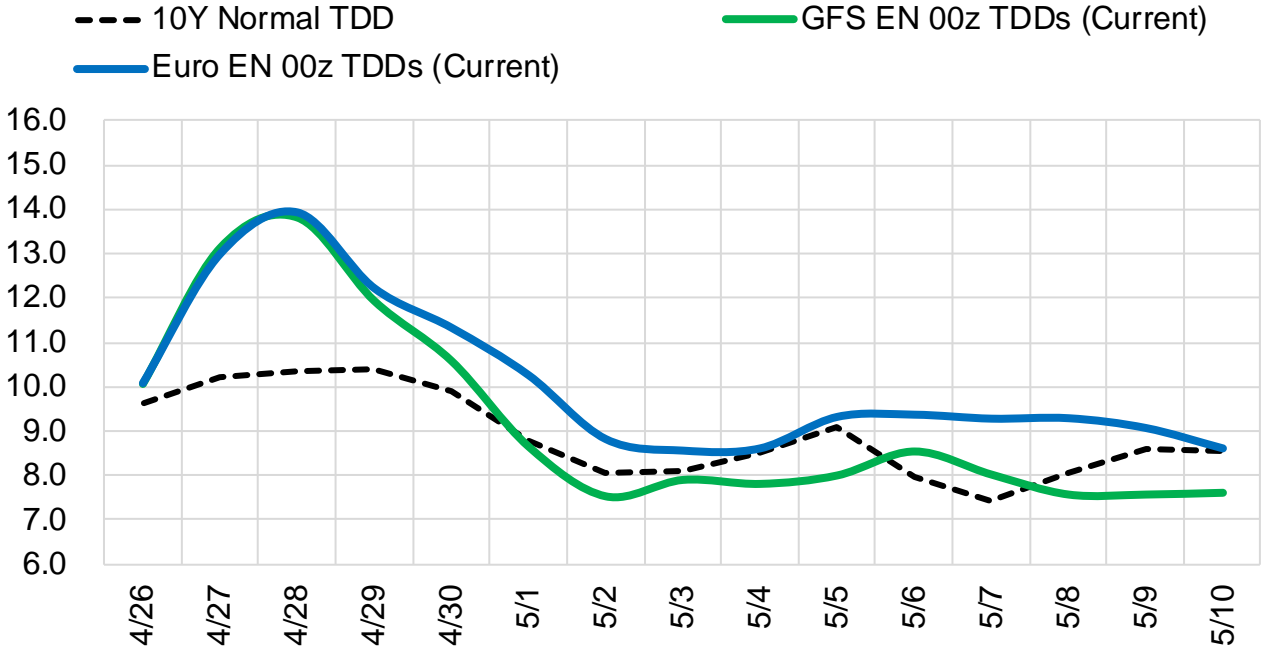
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.6 ▲	0.29 ▲	0.85

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.6 ▲	0.62 ▲	0.39

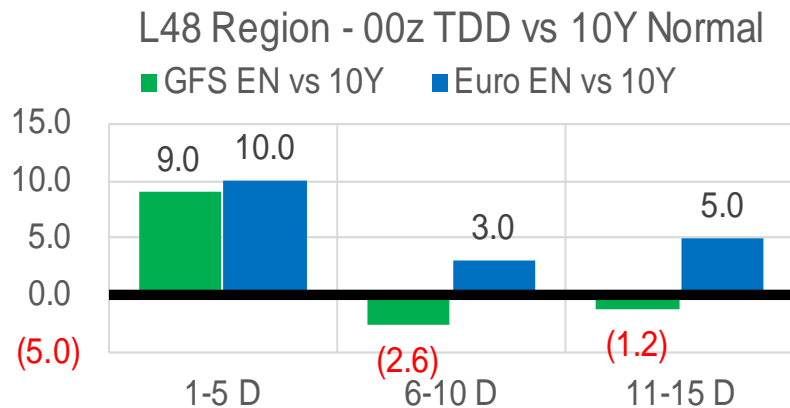
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	7.0 ▼	-0.05 ▼	0.22 ▲

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI, Bloomberg

Lower 48 Component Models

Daily Balances

	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	25-Apr	26-Apr	DoD	vs. 7D
Lower 48 Dry Production	96.5	97.5	96.9	97.4	95.7	96.4	94.2	▼ -2.2	▼ -2.5
Canadian Imports	6.0	5.3	5.5	5.3	5.8	6.3	6.6	▲ 0.3	▲ 0.9
L48 Power	27.3	27.2	25.4	25.0	26.1	28.8	28.1	▼ -0.7	▲ 1.5
L48 Residential & Commercial	23.0	17.1	16.1	12.9	12.7	17.1	19.4	▲ 2.4	▲ 3.0
L48 Industrial	21.2	20.5	20.5	19.9	20.1	20.6	20.7	▲ 0.2	▲ 0.3
L48 Lease and Plant Fuel	5.3	5.3	5.3	5.3	5.2	5.3	5.1	▼ -0.1	▼ -0.2
L48 Pipeline Distribution	2.8	2.4	2.3	2.1	2.1	2.5	2.6	▲ 0.1	▲ 0.2
L48 Regional Gas Consumption	79.4	72.6	69.6	65.2	66.2	74.2	76.0	▲ 1.8	▲ 4.8
Net LNG Delivered	12.37	11.98	11.92	12.56	11.83	11.96	12.58	▲ 0.6	▲ 0.5
Total Mexican Exports	7.3	6.9	6.8	6.4	6.3	7.1	7.0	▼ 0.0	▲ 0.3
Implied Daily Storage Activity	3.4	11.4	14.2	18.5	17.2	9.4	5.2		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	WoW	vs. 4W
Lower 48 Dry Production	93.9	95.4	96.1	96.0	96.5	96.7	▲ 0.2	▲ 0.7
Canadian Imports	5.2	4.8	5.7	5.8	5.6	5.8	▲ 0.3	▲ 0.4
L48 Power	27.3	25.6	26.9	26.7	26.8	26.8	▲ 0.1	▲ 0.4
L48 Residential & Commercial	31.5	23.5	29.7	24.3	21.6	23.3	▲ 1.8	▼ -1.4
L48 Industrial	20.7	20.8	22.5	21.8	20.4	21.2	▲ 0.8	▼ -0.2
L48 Lease and Plant Fuel	5.1	5.2	5.2	5.2	5.3	5.3	▲ 0.0	▲ 0.0
L48 Pipeline Distribution	3.1	2.6	2.9	2.8	2.7	2.8	▲ 0.1	▲ 0.0
L48 Regional Gas Consumption	87.7	77.5	87.3	80.9	76.7	79.4	▲ 2.8	▼ -1.2
Net LNG Exports	12.9	13.0	13.1	12.4	12.5	12.1	▼ -0.3	▼ -0.6
Total Mexican Exports	6.6	6.5	6.4	6.8	6.6	6.7	▲ 0.1	▲ 0.1
Implied Daily Storage Activity	-7.9	3.2	-5.0	1.7	6.4	4.3	-2.1	
EIA Reported Daily Storage Activity	-7.3	3.7	-4.7	2.1	7.6			
Daily Model Error	-0.7	-0.5	-0.3	-0.4	-1.2			

Monthly Balances

	2Yr Ago Apr-20	LY Apr-21	Dec-21	Jan-22	Feb-22	Mar-22	MTD Apr-22	MoM	vs. LY
Lower 48 Dry Production	92.7	92.5	96.1	93.6	93.6	95.1	96.5	▲ 1.4	▲ 4.0
Canadian Imports	4.0	4.7	4.8	6.7	6.6	5.2	5.7	▲ 0.5	▲ 1.1
L48 Power	25.6	25.0	28.7	31.4	29.0	26.9	26.7	▼ -0.2	▲ 1.7
L48 Residential & Commercial	20.5	19.6	33.9	48.6	42.7	29.6	21.7	▼ -7.8	▲ 2.2
L48 Industrial	20.4	21.4	22.5	25.5	25.3	21.7	21.0	▼ -0.7	▼ -0.4
L48 Lease and Plant Fuel	5.0	5.0	5.3	5.1	5.1	5.2	5.3	▲ 0.1	▲ 0.2
L48 Pipeline Distribution	2.4	2.5	3.2	3.8	3.4	2.9	2.7	▼ -0.3	▲ 0.2
L48 Regional Gas Consumption	74.0	73.5	93.6	114.4	105.5	86.3	77.4	▼ -8.9	▲ 3.9
Net LNG Exports	8.2	11.5	12.1	12.4	12.4	12.9	12.3	▼ -0.6	▲ 0.8
Total Mexican Exports	4.8	6.7	6.2	6.3	6.2	6.5	6.7	▲ 0.1	▼ 0.0
Implied Daily Storage Activity	9.7	5.5	-11.0	-32.8	-23.8	-5.4	5.9		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	18-Apr	19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	DoD	vs. 7D
NRC Nuclear Daily Output	72.3	72.2	72.8	73.1	73.3	71.8	72.8	0.9	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	32.6	32.7	32.1	31.8	31.5	33.0	32.1	-0.9	-0.2
NRC % Nuclear Cap Utilization	73.5	73.4	74.0	74.3	74.6	73.0	74.0	1.0	0.2

Wind Generation Daily Average - MWh (EIA)

	18-Apr	19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	DoD	vs. 7D
CALI Wind	3337	4230	3822	3521	4097	2605	1464	-1141	-2138
TEXAS Wind	13553	20931	18570	20882	23539	21762	16752	-5010	-3121
US Wind	55342	72785	67563	65112	78521	79445	65140	-14304	-4654

Generation Daily Average - MWh (EIA)

	18-Apr	19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	DoD	vs. 7D
US Wind	55342	72785	67563	65112	78521	79445	65140	-14304	-4654
US Solar	14330	14218	16727	15162	13801	15974	17132	1158	2097
US Petroleum	1041	1000	1022	1006	961	943	990	47	-6
US Other	7640	7587	7386	7495	7329	7443	7639	197	160
US Coal	81309	78659	76825	79747	75594	69653	71395	1742	-5569
US Nuke	76154	76561	76944	77186	77313	75973	76659	686	-29
US Hydro	28784	27906	28094	26177	25921	23898	23969	71	-2828
US Gas	146814	133170	135884	135448	126931	111272	118461	7189	-13125

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	80.9	80.9	79.3	75.0	71.9	72.3	0.4	-0.1
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	23.9	24.0	25.5	29.9	32.9	32.6	-0.4	
NRC % Nuclear Cap Utilization	82.3	82.3	80.7	76.3	73.2	73.5	0.4	

Wind Generation Weekly Average - MWh (EIA)

	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	WoW	WoW Bcf/d Impact
CALI Wind	2297	2037	2643	2611	3434	3613	179	0.0
TEXAS Wind	17742	16108	14530	14468	16530	15612	-918	0.2
US Wind	63171	62107	61695	60009	66367	61075	-5293	1.0
							-8%	
							-0.1	

Generation Weekly Average - MWh (EIA)

	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	WoW	WoW Bcf/d Impact
							est.	
US Wind	63171	62107	61695	60009	66367	61075	-5293	1.0
US Solar	13919	13805	15451	15518	16118	15411	-707	0.1
US Petroleum	961	864	1048	1015	964	984	19	0.0
US Other	7120	7745	7481	7183	7154	7423	269	0.0
US Coal	86035	72503	77743	77514	77087	78036	949	-0.2
US Nuke	84775	84027	83506	78807	75674	76478	804	-0.1
US Hydro	34883	33229	33463	32524	29415	27301	-2114	0.4
US Gas	137079	124817	134886	134633	134338	132597	-1741	-0.3

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				Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Jan-22	Feb-22	Mar-22	Apr-22			
	NRC Nuclear Daily Output	78.5	75.9	90.2	87.6	81.3			
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	26.4	29.0	14.7	17.3	23.6	31.8	31.0	8.2	2.0
NRC % Nuclear Cap Utilization	79.8	77.2	91.7	89.0	82.7	74.3	75.1	-8.4	-2.1

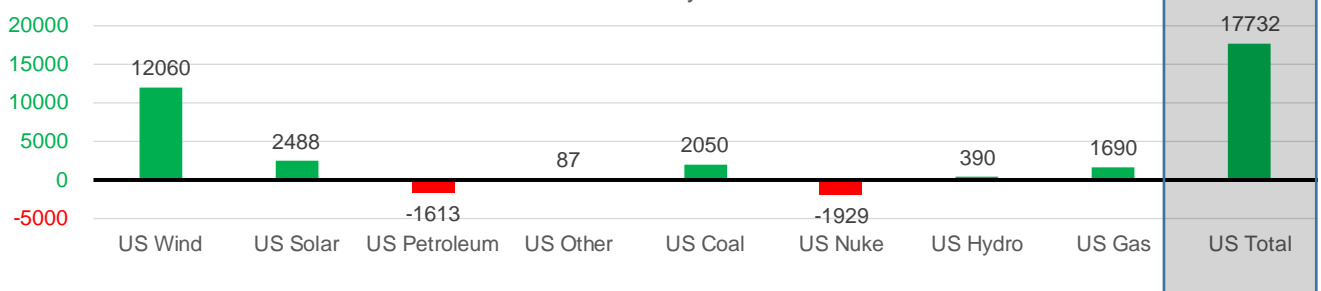
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Jan-22	Feb-22	Mar-22	Apr-22			
	CALI Wind	2260	3013	1244	1559	2250			
TEXAS Wind	10019	12617	11355	12294	14837	16224	16263	1387	3646
US Wind	40333	52642	51045	56539	58520	64059	64702	5539	12060

Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Jan-22	Feb-22	Mar-22	Apr-22			
	US Wind	40333	52642	51045	56539	58520			
US Solar	9301	13059	9541	12188	14053	15788	15547	▼ -241.6	▲ 2488
US Petroleum	2854	2617	5021	3451	1335	985	1004	▲ 19	▼ -1613
US Other	7456	7247	8792	8839	7187	7308	7334	▲ 25	▲ 87
US Coal	56363	74682	117971	106588	82291	76458	76731	▲ 274	▲ 2050
US Nuke	82475	79666	95259	92280	85157	76922	77738	▲ 816	▼ -1929
US Hydro	30829	29071	34040	32213	33927	28708	29461	▲ 753	▲ 390
US Gas	137834	130501	164024	152058	135583	130945	132191	▲ 2288	▲ 1690
US Total	365779	389248	485878	464684	419867	403587	406980	▲ 3933	▲ 17732

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

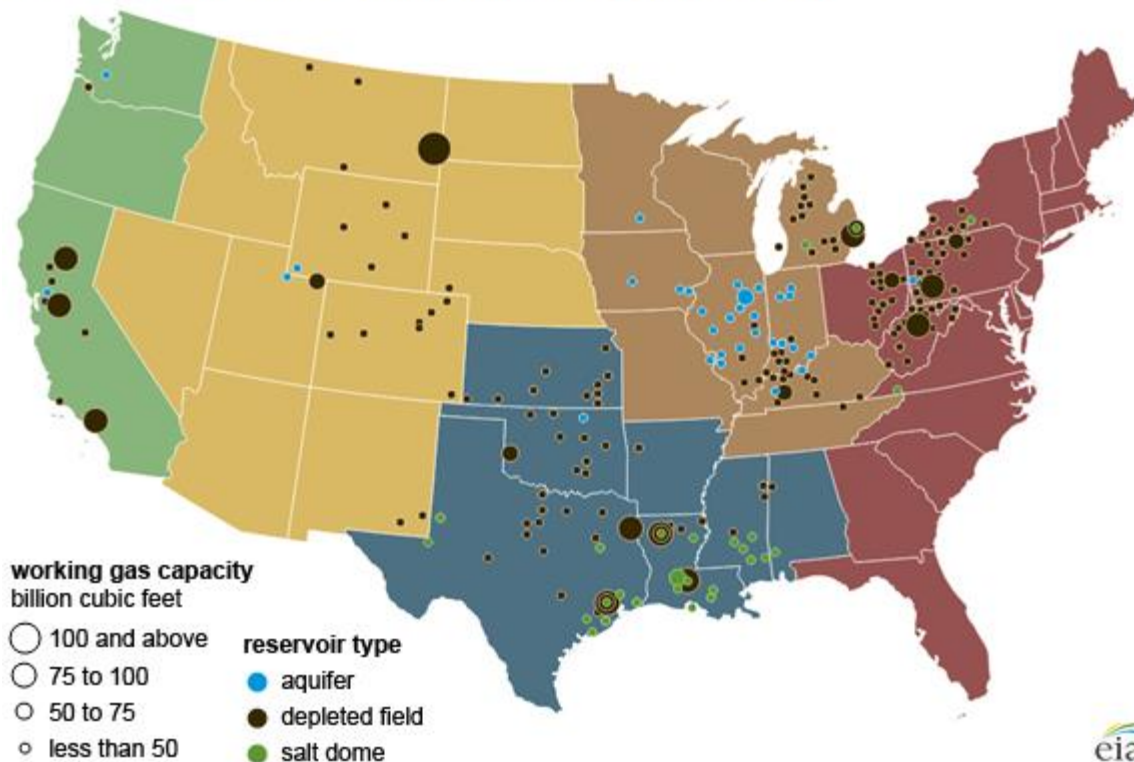
Regional S/D Models Storage Projection

Week Ending 22-Apr

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	4.8	0.3	5.1	35
East	-1.7	1.6	-0.1	-1
Midwest	1.2	-0.6	0.6	4
Mountain	3.6	-3.5	0.1	1
South Central	1.9	2.4	4.3	30
Pacific	-0.2	0.3	0.2	1

*Adjustment Factor is calculated based on historical regional deltas

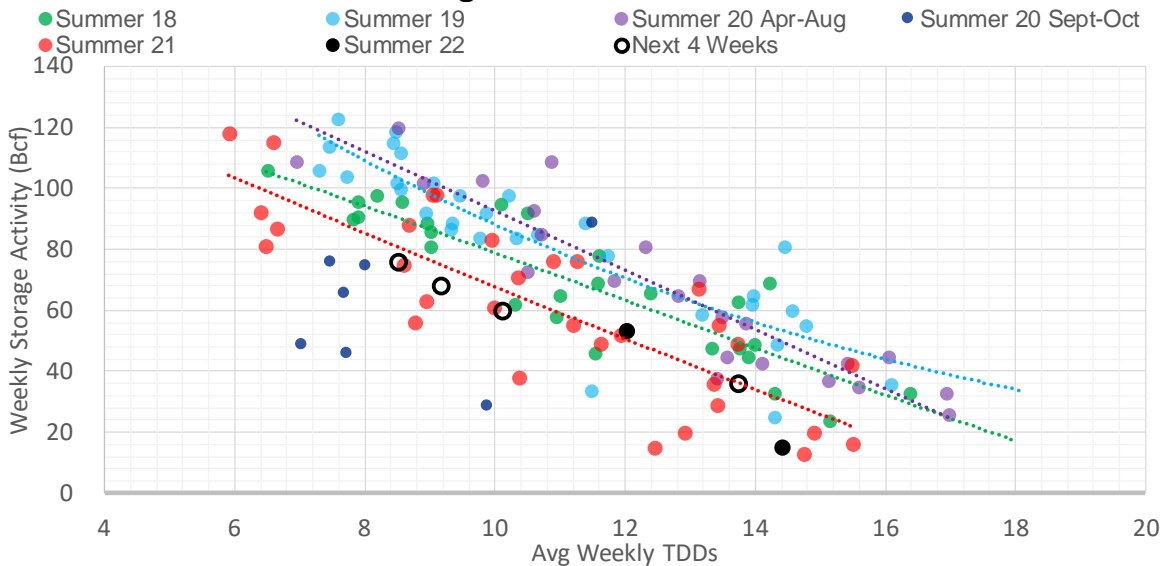
U.S. underground natural gas storage facilities by type (July 2015)



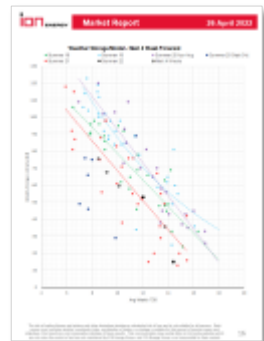
Weather Model Storage Projection

Next report and beyond		
Week Ending	TDDs	Week Storage Projection
22-Apr	13.8	35
29-Apr	10.1	60
06-May	9.2	68
13-May	8.5	75

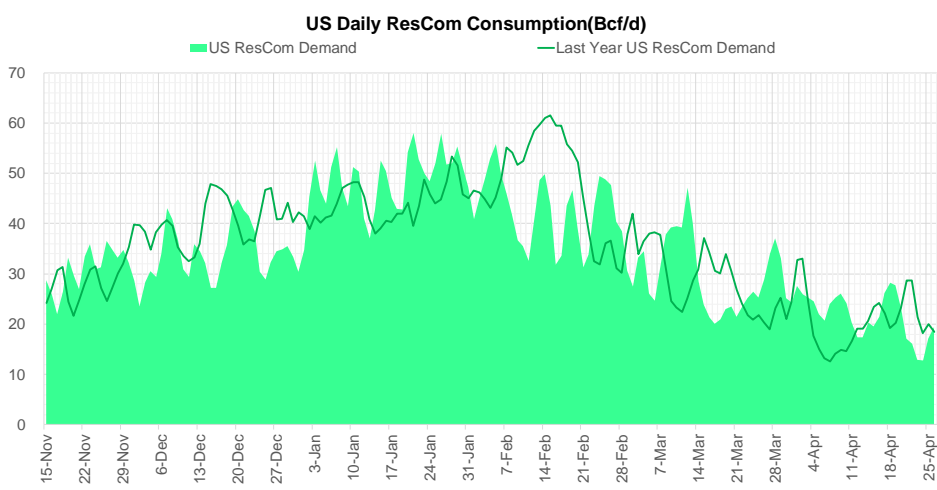
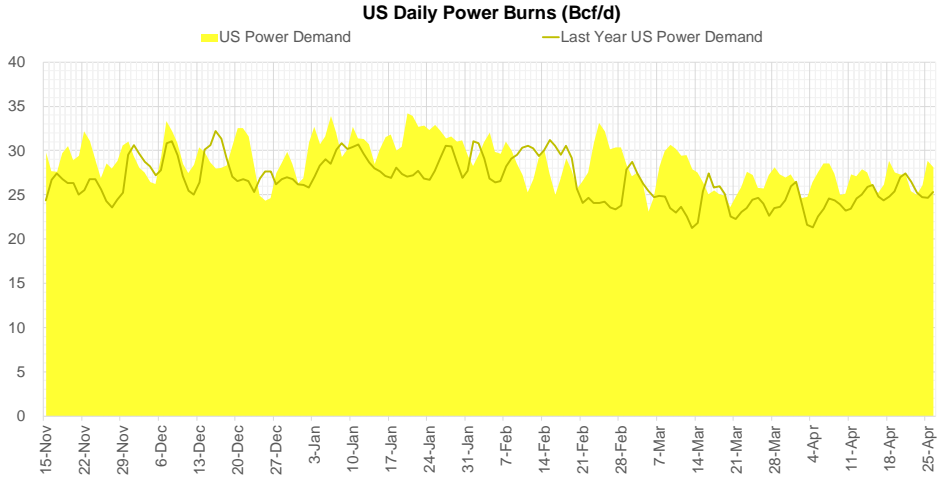
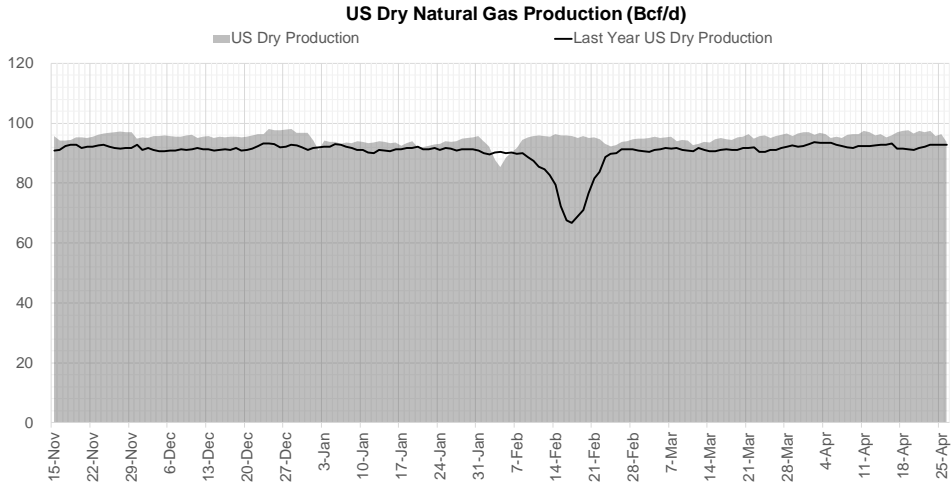
Weather Storage Model - Next 4 Week Forecast



Go to larger image



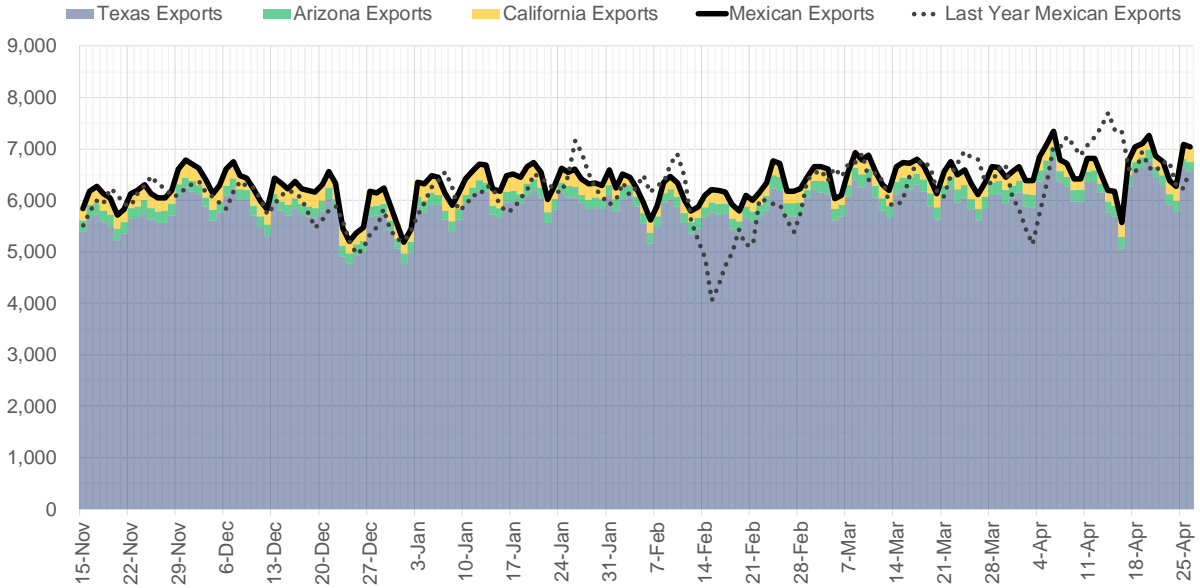
Supply – Demand Trends



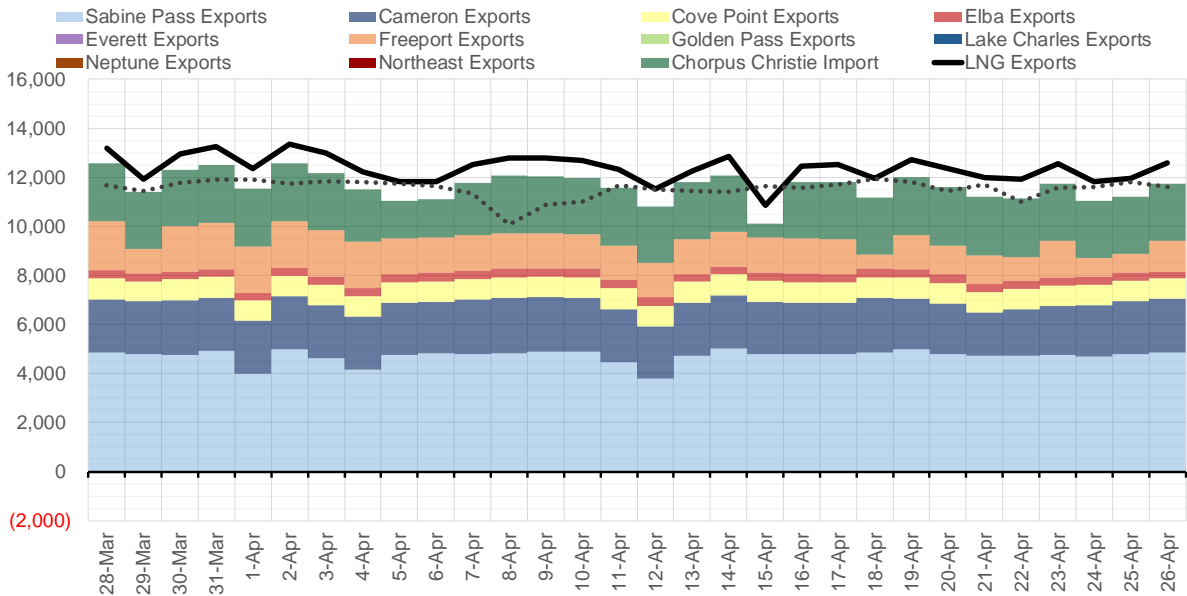
Source: Bloomberg

The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are not necessarily indicative of future results. This communication may contain links to third party websites which are not under the control of and are not maintained by ION Energy Group, and ION Energy Group is not responsible for their content.

Mexican Exports (MMcf/d)



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



Source: Bloomberg

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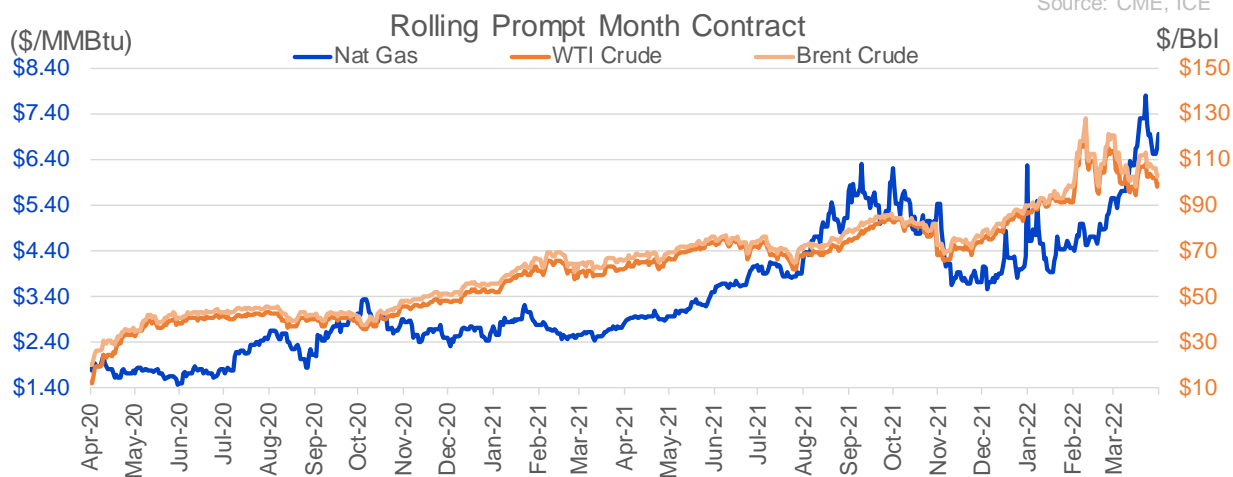
Nat Gas Options Volume and Open Interest CME and ICE Combined

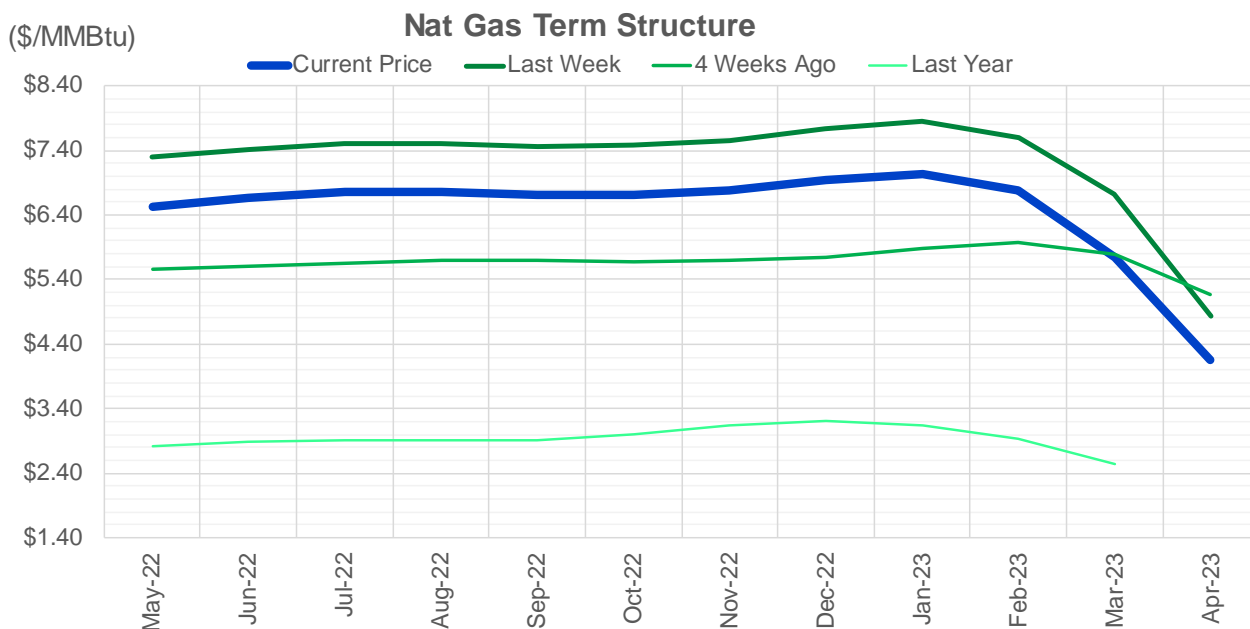
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
5	2022	C	7.00	7957	8	2022	C	10.00	48817
5	2022	P	6.50	4887	8	2022	C	10.50	41204
6	2022	P	6.00	3859	10	2022	C	6.00	34944
5	2022	P	6.00	3366	5	2022	P	4.00	25938
6	2022	C	12.00	2636	6	2022	C	6.00	25599
5	2022	P	6.25	2193	10	2022	C	5.00	25550
5	2022	C	7.25	2038	9	2022	C	6.00	23730
6	2022	C	8.50	2032	7	2022	C	8.00	23174
2	2023	C	8.00	1680	5	2022	P	3.00	22811
10	2022	P	3.50	1550	10	2022	P	3.00	21367
5	2022	P	5.75	1540	5	2022	C	5.00	21233
5	2022	P	6.60	1341	5	2022	C	6.00	21034
10	2022	P	4.00	1318	8	2022	C	6.00	20533
8	2022	C	8.00	1253	6	2022	P	4.00	20121
8	2022	P	3.00	1250	5	2022	P	2.50	19874
5	2022	C	6.80	1211	6	2022	C	7.00	19188
5	2022	C	7.50	1159	5	2022	C	8.00	18866
6	2022	C	9.00	1121	5	2022	C	7.00	18842
9	2022	P	5.50	1121	12	2022	C	5.00	18421
7	2022	C	10.00	1090	7	2022	C	6.00	18219
6	2022	P	6.75	1006	8	2022	C	7.00	18160
8	2022	C	8.10	1000	9	2022	C	10.00	18130
6	2022	C	8.00	994	9	2022	C	7.00	17920
3	2023	C	6.00	981	6	2022	C	5.00	17862
5	2022	C	6.75	944	7	2022	P	3.25	17644
5	2022	P	6.10	940	6	2022	C	10.00	17593
3	2023	C	20.00	896	5	2022	P	2.75	17585
5	2022	P	6.40	893	10	2022	P	2.50	17436
6	2022	C	5.80	786	10	2022	P	3.50	17391
6	2022	C	7.00	743	7	2022	C	7.00	17306
9	2022	P	5.00	698	5	2022	P	3.50	17295
8	2022	C	10.00	682	6	2022	P	3.00	17223
5	2022	C	6.85	667	5	2022	P	4.50	17044
1	2023	P	7.00	650	5	2022	P	3.75	16402
5	2022	C	6.50	647	5	2022	P	5.00	16381
7	2022	C	8.00	638	10	2022	P	4.00	16213
7	2022	C	9.90	621	7	2022	C	10.00	16086
5	2022	P	6.75	609	6	2022	P	3.50	16077
8	2022	C	10.50	608	6	2022	P	4.75	15932
8	2022	C	15.00	600	1	2023	C	10.00	15499
4	2024	P	3.00	600	2	2023	C	10.00	15394
5	2024	P	3.00	600	9	2022	P	2.50	15291
6	2024	P	3.00	600	7	2022	P	3.50	14935
7	2024	P	3.00	600	9	2022	P	2.75	14933
8	2024	P	3.00	600	5	2022	C	9.00	14854
9	2024	P	3.00	600	10	2022	P	2.00	14764
10	2024	P	3.00	600	6	2022	P	5.50	14570
5	2022	C	6.90	597	7	2022	P	3.00	14511
5	2022	P	6.30	590	10	2022	C	7.00	14453
					8	2022	P	3	14350

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
MAY 22	14691	19626	-4935	MAY 22	77980	77723	257
JUN 22	133995	130948	3047	JUN 22	74016	71646	2370
JUL 22	163512	162905	607	JUL 22	75323	75053	271
AUG 22	57233	56485	748	AUG 22	61971	62105	-134
SEP 22	82945	81508	1437	SEP 22	66409	66648	-240
OCT 22	93571	94179	-608	OCT 22	75200	75453	-254
NOV 22	44905	43588	1317	NOV 22	57380	57604	-224
DEC 22	47145	47232	-87	DEC 22	61860	61052	809
JAN 23	61175	61127	48	JAN 23	62793	63513	-719
FEB 23	23833	23030	803	FEB 23	50002	49120	882
MAR 23	38907	39384	-477	MAR 23	52588	52490	98
APR 23	56403	56523	-120	APR 23	51651	51462	189
MAY 23	57486	56327	1159	MAY 23	47481	46914	567
JUN 23	22788	23560	-772	JUN 23	43206	43338	-133
JUL 23	18870	18137	733	JUL 23	42760	42867	-107
AUG 23	14125	14002	123	AUG 23	42526	42695	-169
SEP 23	18095	17945	150	SEP 23	42205	42341	-136
OCT 23	33045	35293	-2248	OCT 23	48570	49255	-685
NOV 23	12521	12504	17	NOV 23	42335	42274	61
DEC 23	14995	15041	-46	DEC 23	38501	38447	55
JAN 24	22525	22823	-298	JAN 24	37434	37428	6
FEB 24	5435	5546	-111	FEB 24	25156	25108	47
MAR 24	14664	15234	-570	MAR 24	29871	29769	102
APR 24	11164	10799	365	APR 24	24235	24094	141
MAY 24	6134	6138	-4	MAY 24	24246	24212	34
JUN 24	1831	1831	0	JUN 24	21344	21417	-74
JUL 24	1910	1912	-2	JUL 24	21605	21573	33
AUG 24	3111	3111	0	AUG 24	22572	22580	-8
SEP 24	1420	1420	0	SEP 24	21075	21177	-103
OCT 24	6996	6893	103	OCT 24	22985	23113	-129





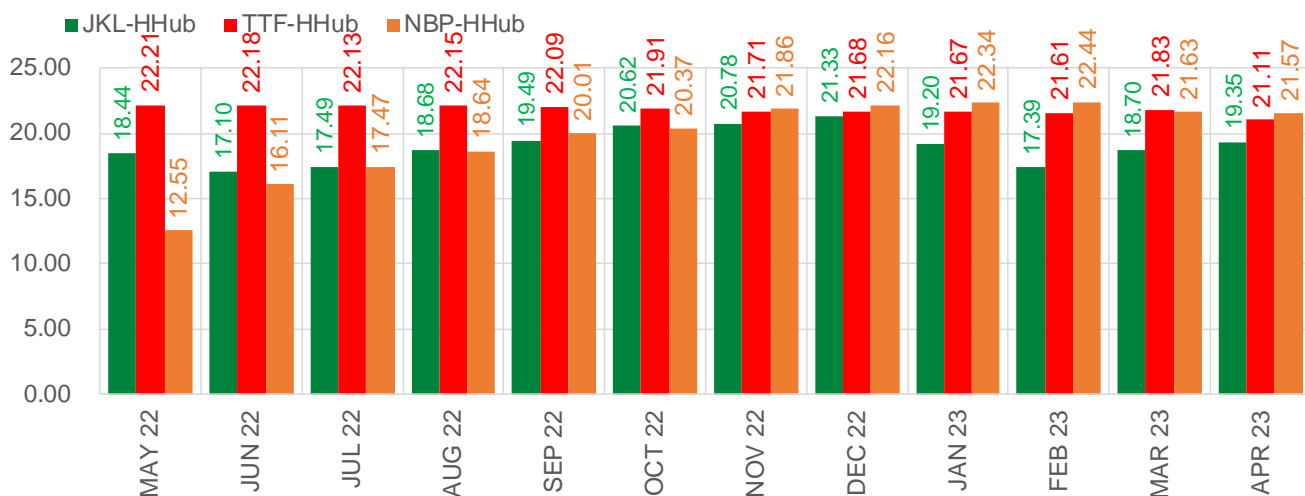
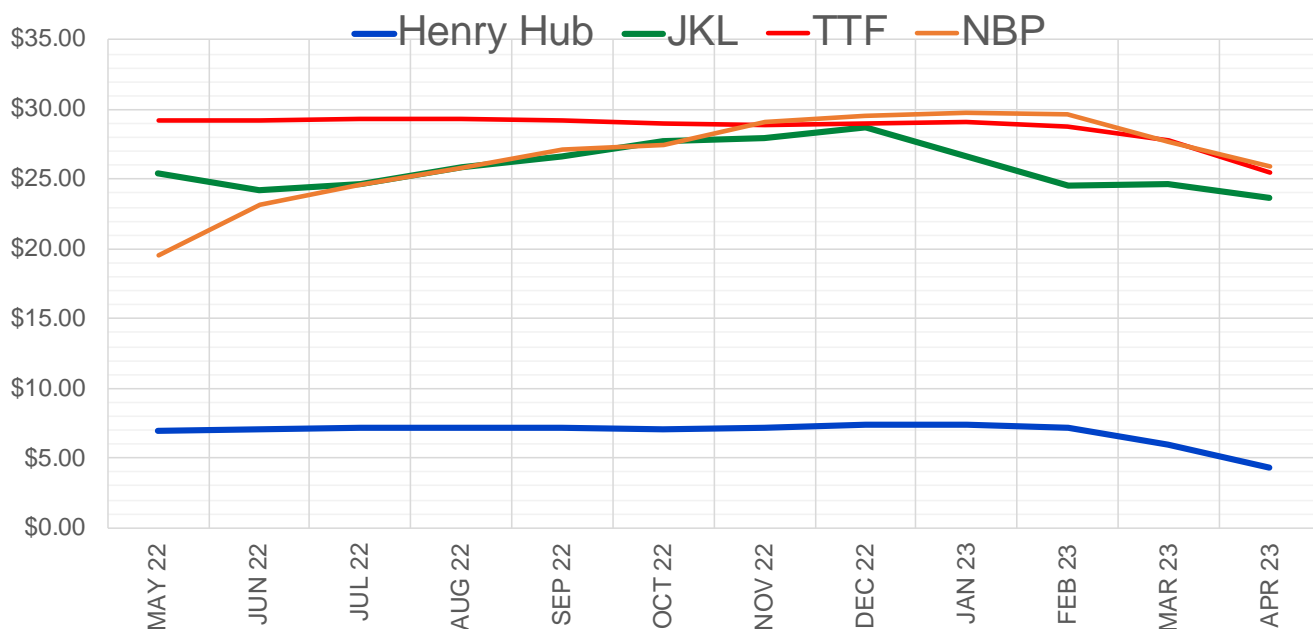
	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Current Price	\$6.534	\$6.663	\$6.753	\$6.754	\$6.702	\$6.713	\$6.788	\$6.939	\$7.034	\$6.776	\$5.747	\$4.149
Last Week	\$7.300	\$7.423	\$7.501	\$7.499	\$7.473	\$7.486	\$7.561	\$7.740	\$7.846	\$7.610	\$6.734	\$4.841
vs. Last Week	-\$0.766	-\$0.760	-\$0.748	-\$0.745	-\$0.771	-\$0.773	-\$0.773	-\$0.801	-\$0.812	-\$0.834	-\$0.987	-\$0.692
4 Weeks Ago	\$5.571	\$5.611	\$5.651	\$5.701	\$5.706	\$5.684	\$5.693	\$5.750	\$5.880	\$5.968	\$5.781	\$5.176
vs. 4 Weeks Ago	\$0.963	\$1.052	\$1.102	\$1.053	\$0.996	\$1.029	\$1.095	\$1.189	\$1.154	\$0.808	-\$0.034	-\$1.027
Last Year	\$2.730	\$2.818	\$2.884	\$2.910	\$2.899	\$2.919	\$2.992	\$3.131	\$3.220	\$3.142	\$2.934	\$2.545
vs. Last Year	\$3.804	\$3.845	\$3.869	\$3.844	\$3.803	\$3.794	\$3.796	\$3.808	\$3.814	\$3.634	\$2.813	\$1.604

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	5.94	7.29	1.35
TETCO M3	\$/MMBtu	5.85	7.16	1.31
FGT Zone 3	\$/MMBtu	5.68	7.79	2.11
Zone 6 NY	\$/MMBtu	5.68	7.12	1.44
Chicago Citygate	\$/MMBtu	6.60	7.52	0.92
Michcon	\$/MMBtu	6.53	7.52	0.99
Columbia TCO Pool	\$/MMBtu	5.94	7.17	1.23
Ventura	\$/MMBtu	6.75	7.45	0.70
Rockies/Opal	\$/MMBtu	6.40	7.24	0.84
El Paso Permian Basin	\$/MMBtu	6.12	6.77	0.65
Socal Citygate	\$/MMBtu	6.86	7.35	0.48
Malin	\$/MMBtu	6.48	7.31	0.82
Houston Ship Channel	\$/MMBtu	6.35	7.60	1.25
Henry Hub Cash	\$/MMBtu	6.40	7.46	1.06
AECO Cash	C\$/GJ	5.42	5.99	0.57
Station2 Cash	C\$/GJ	5.61	7.06	1.45
Dawn Cash	C\$/GJ	6.53	7.58	1.05

Source: CME, Bloomberg

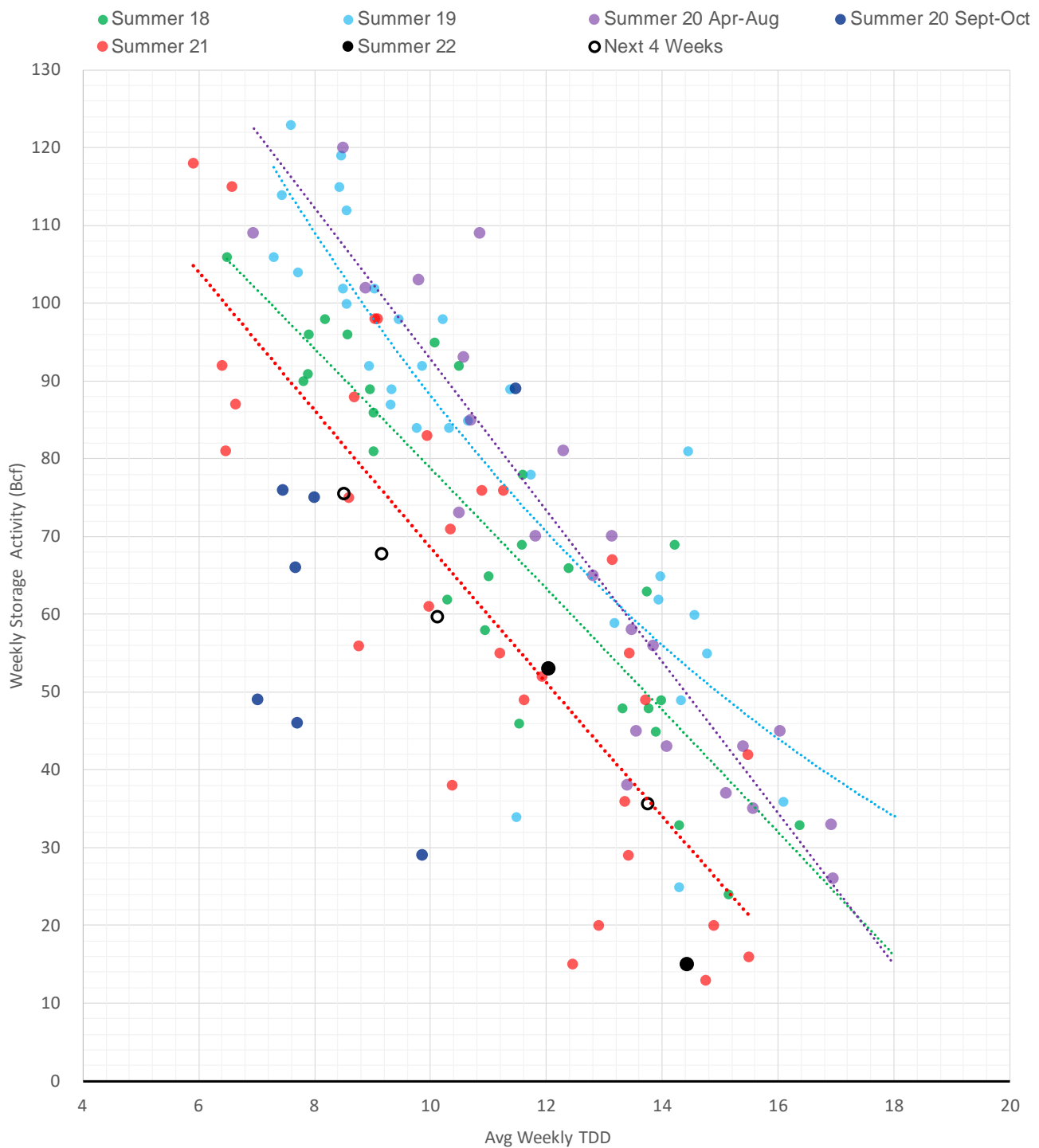
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.204
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.291
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.100
NatGas Apr22/Oct22	\$/MMBtu	1.516	▼ -1.161	▲ 1.398	▲ 1.489
WTI Crude	\$/Bbl	98.54	▼ -9.670	▼ -7.420	▲ 36.630
Brent Crude	\$/Bbl	102.32	▼ -10.840	▼ -10.160	▲ 36.670
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	409.09	▲ 20.010	▲ 30.750	▲ 221.240
Propane, Mt. Bel	cents/Gallon	1.30	▼ -0.046	▼ -0.138	▲ 0.489
Ethane, Mt. Bel	cents/Gallon	0.50	▼ -0.026	▲ 0.073	▲ 0.266
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)



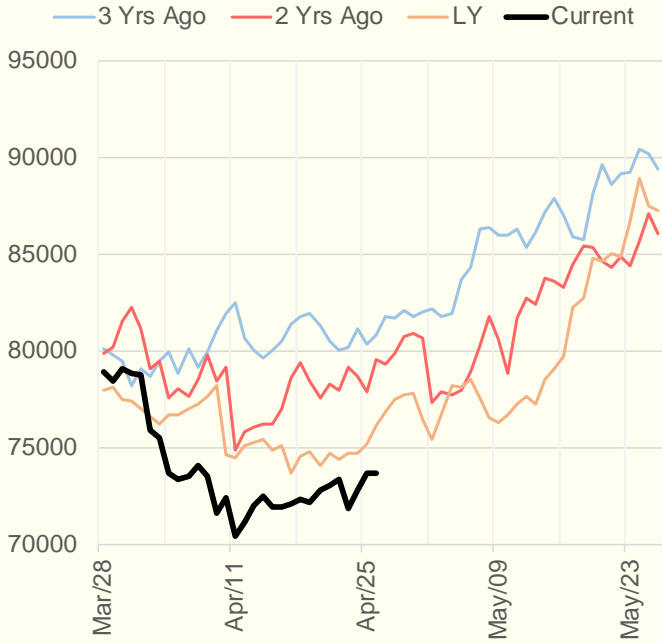
	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23
Henry Hub	\$6.957	\$7.088	\$7.165	\$7.176	\$7.134	\$7.119	\$7.206	\$7.355	\$7.443	\$7.172	\$6.013	\$4.330
JKL	\$25.395	\$24.190	\$24.650	\$25.855	\$26.625	\$27.740	\$27.985	\$28.685	\$26.640	\$24.560	\$24.710	\$23.675
JKL-HHub	\$18.438	\$17.102	\$17.485	\$18.679	\$19.491	\$20.621	\$20.779	\$21.330	\$19.197	\$17.388	\$18.697	\$19.345
TTF	\$29.167	\$29.268	\$29.296	\$29.328	\$29.226	\$29.027	\$28.919	\$29.035	\$29.108	\$28.777	\$27.846	\$25.437
TTF-HHub	\$22.210	\$22.180	\$22.131	\$22.152	\$22.092	\$21.908	\$21.713	\$21.680	\$21.665	\$21.605	\$21.833	\$21.107
NBP	\$19.503	\$23.196	\$24.636	\$25.816	\$27.142	\$27.491	\$29.069	\$29.516	\$29.783	\$29.607	\$27.645	\$25.904
NBP-HHub	\$12.546	\$16.108	\$17.471	\$18.640	\$20.008	\$20.372	\$21.863	\$22.161	\$22.340	\$22.435	\$21.632	\$21.574

Weather Storage Model - Next 4 Week Forecast

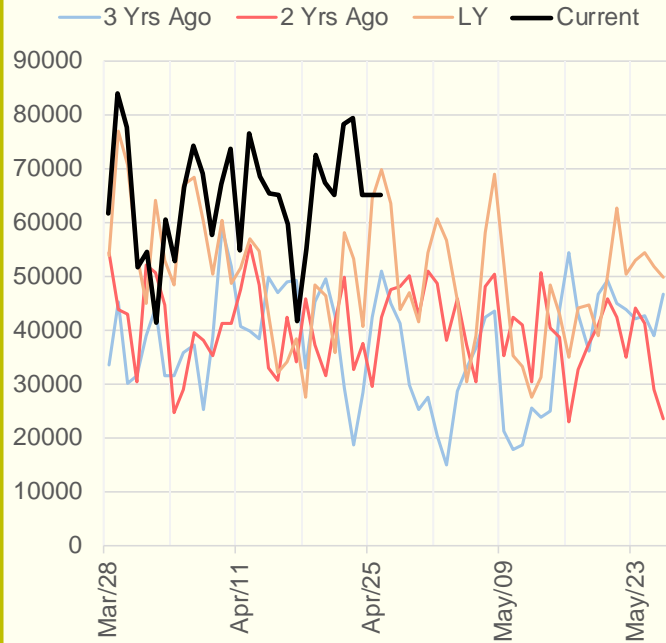


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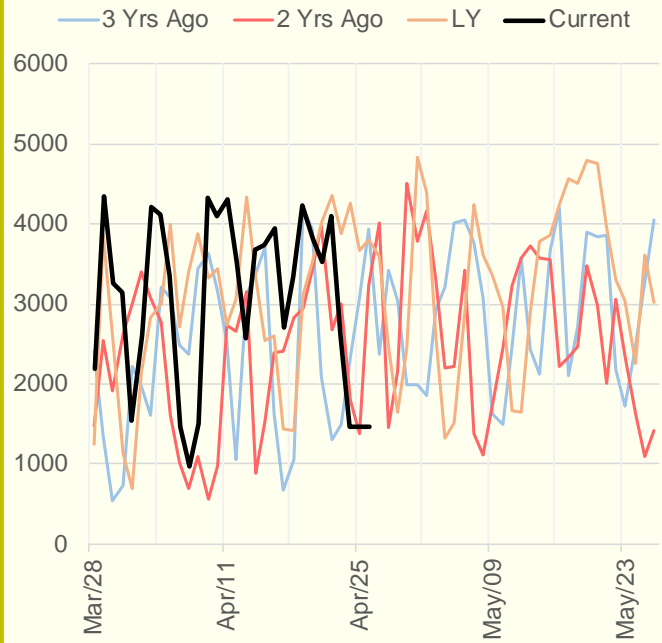
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

