

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 7.54 ▲	\$ 0.24 ▲	\$ 0.47

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 106.80 ▼	\$ (0.15) ▲	\$ 3.0

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 111.87 ▲	\$ 0.17 ▲	\$ 3.5

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[Weather Model Storage Projection](#)

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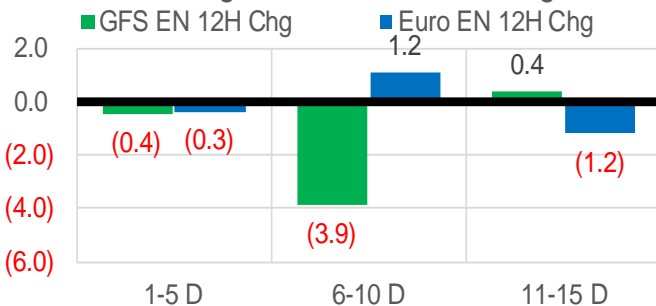
[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

[Price Summary](#)

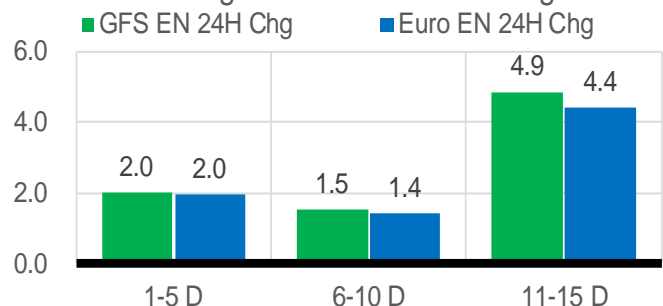
Vs. 12H Ago

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	96.9 ▲	0.71 ▲	0.56

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	27.0 ▲	0.89 ▲	0.11

	Current	Δ from YD	Δ from 7D Avg
US ResComm	25.7 ▼	-0.41 ▲	5.26

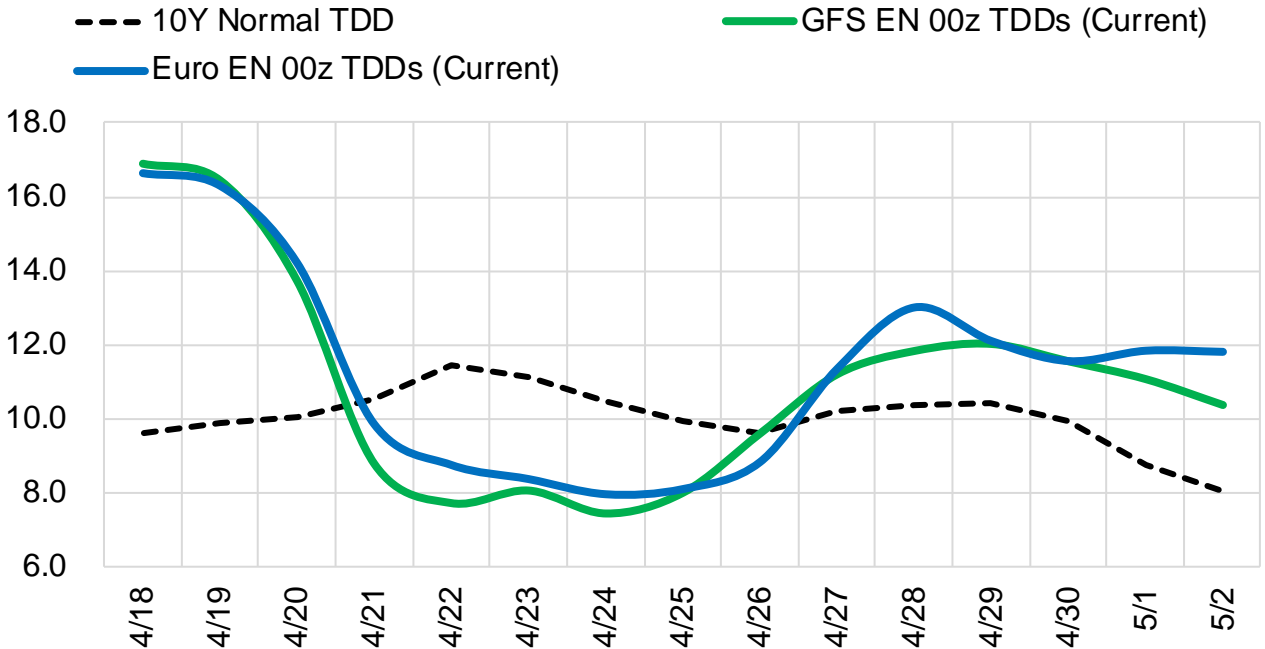
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.4 ▼	-0.76 ▼	-0.27

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.8 ▲	0.20 ▲	0.66

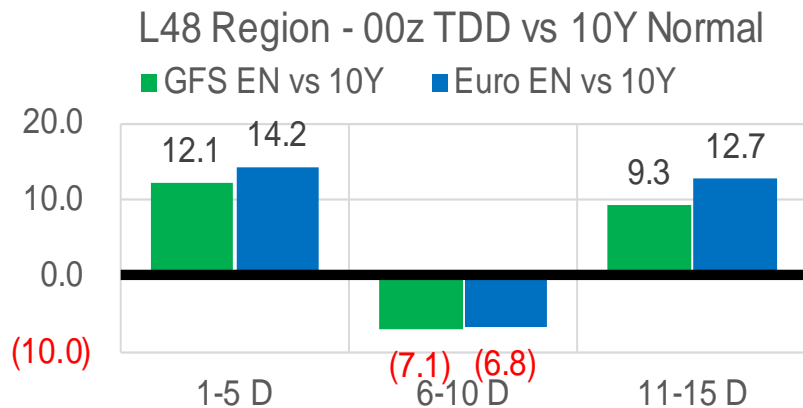
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.7 ▲	0.82 ▲	0.35

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI, Bloomberg

Lower 48 Component Models

Daily Balances

	12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr	18-Apr	DoD	vs. 7D
Lower 48 Dry Production	97.0	96.0	96.4	95.3	96.5	96.1	96.9	▲ 0.7	▲ 0.6
Canadian Imports	5.3	5.3	6.1	5.8	5.9	6.2	5.4	▼ -0.8	▼ -0.3
L48 Power	27.2	28.0	27.6	26.1	25.6	26.1	27.0	▲ 0.9	▲ 0.2
L48 Residential & Commercial	17.4	17.4	20.5	19.7	21.7	26.1	25.7	▼ -0.4	▲ 5.2
L48 Industrial	19.8	19.9	20.7	20.7	21.1	21.7	21.7	▲ 0.0	▲ 1.1
L48 Lease and Plant Fuel	5.3	5.2	5.3	5.2	5.3	5.2	5.3	▲ 0.0	▲ 0.0
L48 Pipeline Distribution	2.5	2.5	2.7	2.5	2.6	2.9	2.9	▲ 0.0	▲ 0.3
L48 Regional Gas Consumption	72.1	73.0	76.6	74.3	76.2	82.0	82.6	▲ 0.6	▲ 6.9
Net LNG Delivered	11.53	12.27	12.86	10.87	12.47	12.59	12.79	▲ 0.2	▲ 0.7
Total Mexican Exports	6.8	6.5	6.5	6.1	6.2	5.9	6.7	▲ 0.8	▲ 0.4
Implied Daily Storage Activity	11.9	9.5	6.5	9.8	7.5	1.8	0.2		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	11-Mar	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	WoW	vs. 4W
Lower 48 Dry Production	94.8	93.9	95.4	96.1	96.0	96.4	▲ 0.4	▲ 1.0
Canadian Imports	5.2	5.2	4.8	5.7	5.8	5.6	▼ -0.2	▲ 0.2
L48 Power	27.6	27.3	25.6	27.0	26.7	26.9	▲ 0.1	▲ 0.2
L48 Residential & Commercial	33.2	31.5	23.5	29.7	24.4	21.6	▼ -2.7	▼ -5.6
L48 Industrial	22.7	20.7	20.8	22.5	21.7	20.5	▼ -1.2	▼ -0.9
L48 Lease and Plant Fuel	5.2	5.1	5.2	5.2	5.2	5.3	▲ 0.0	▲ 0.1
L48 Pipeline Distribution	3.2	3.1	2.6	3.0	2.8	2.7	▼ -0.1	▼ -0.2
L48 Regional Gas Consumption	91.8	87.7	77.5	87.3	80.8	76.9	▼ -3.9	▼ -6.4
Net LNG Exports	12.8	12.9	13.0	13.1	12.4	12.5	▲ 0.0	▼ -0.4
Total Mexican Exports	6.6	6.6	6.5	6.4	6.8	6.6	▼ -0.2	▼ 0.0
Implied Daily Storage Activity	-11.2	-7.9	3.2	-5.0	1.7	6.0	4.3	
EIA Reported Daily Storage Activity	-11.3	-7.3	3.7	-4.7	2.1			
Daily Model Error	0.1	-0.7	-0.5	-0.3	-0.4			

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	96.2	▲ 1.1	▲ 3.7
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	26.6	▼ -0.3	▲ 1.6
L48 Residential & Commercial	20.5	19.6	33.9	48.6	42.7	29.6	22.9	▼ -6.7	▲ 3.3
L48 Industrial	20.4	21.4	22.5	25.5	25.3	21.7	21.1	▼ -0.6	▼ -0.3
L48 Lease and Plant Fuel	5.0	5.0	5.3	5.1	5.1	5.2	5.2	▲ 0.1	▲ 0.2
L48 Pipeline Distribution	2.4	2.5	3.2	3.8	3.4	2.9	2.7	▼ -0.2	▲ 0.3
L48 Regional Gas Consumption	74.0	73.5	93.6	114.4	105.5	86.3	78.6	▼ -7.7	▲ 5.1
Net LNG Exports	8.2	11.5	12.1	12.4	12.4	12.9	12.4	▼ -0.5	▲ 0.9
Total Mexican Exports	4.8	6.7	6.2	6.3	6.2	6.5	6.6	▲ 0.0	▼ -0.1
Implied Daily Storage Activity	9.7	5.5	-11.0	-32.8	-23.8	-5.4	4.3		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	DoD	vs. 7D
NRC Nuclear Daily Output	72.4	70.5	71.1	72.0	72.5	71.9	71.9	0.0	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	32.5	34.4	33.8	32.9	32.4	33.0	32.9	0.0	-0.2
NRC % Nuclear Cap Utilization	73.6	71.6	72.3	73.2	73.7	73.1	73.1	0.0	0.2

Wind Generation Daily Average - MWh (EIA)

	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	DoD	vs. 7D
CALI Wind	4107	4305	3526	2788	3812	3918	4112	194	369
TEXAS Wind	19980	14089	20706	15878	15113	15603	12940	-2662	-3954
US Wind	73828	54936	76686	68817	65604	65447	59787	-5660	-7766

Generation Daily Average - MWh (EIA)

	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	DoD	vs. 7D
US Wind	73828	54936	76686	68817	65604	65447	59787	-5660	-7766
US Solar	15830	16341	15897	14725	18058	15855	13612	-2243	-2506
US Petroleum	940	980	983	957	960	944	935	-9	-25
US Other	6578	7234	7039	7293	7292	7212	7117	-95	9
US Coal	71014	80861	76477	77340	77015	75667	76016	349	-380
US Nuke	75073	74319	75125	75970	76070	76012	76018	6	590
US Hydro	27046	30306	29468	29468	29190	28300	26032	-2268	-2931
US Gas	116585	142351	134366	140553	140821	124541	122578	-1963	-10625

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	11-Mar	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	82.3	80.9	80.9	79.3	75.0	71.9	-3.1	0.5
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	22.5	23.9	24.0	25.5	29.9	32.9	3.1	
NRC % Nuclear Cap Utilization	83.7	82.3	82.3	80.7	76.3	73.2	-3.1	

Wind Generation Weekly Average - MWh (EIA)

	11-Mar	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	WoW	WoW Bcf/d Impact
CALI Wind	2602	2297	2037	2643	2611	3482	871	-0.2
TEXAS Wind	14469	17742	16108	14530	14468	16530	2062	-0.4
US Wind	56828	63171	62107	61695	60009	66409	6401	-1.2
							11%	
						0.1		

Generation Weekly Average - MWh (EIA)

	11-Mar	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	WoW	WoW Bcf/d Impact
US Wind	56828	63171	62107	61695	60009	66409	6401	-1.2
US Solar	12720	13919	13805	15451	15518	16361	843	-0.2
US Petroleum	1742	961	864	1048	1015	964	-50	0.0
US Other	6616	7114	7740	7481	7183	7025	-158	0.0
US Coal	86717	86035	72503	77743	77514	76933	-580	0.1
US Nuke	86449	84775	84027	83506	78807	75674	-3133	0.6
US Hydro	34571	34883	33229	33463	32524	29409	-3114	0.6
US Gas	140401	137079	124817	134886	134633	133835	-799	-0.1

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	79.1	77.0	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	25.8	27.9	14.7	17.3	23.6	31.7	29.0	8.2	1.1
NRC % Nuclear Cap Utilization	80.4	78.3	91.7	89.0	82.7	74.4	77.2	-8.3	-1.1

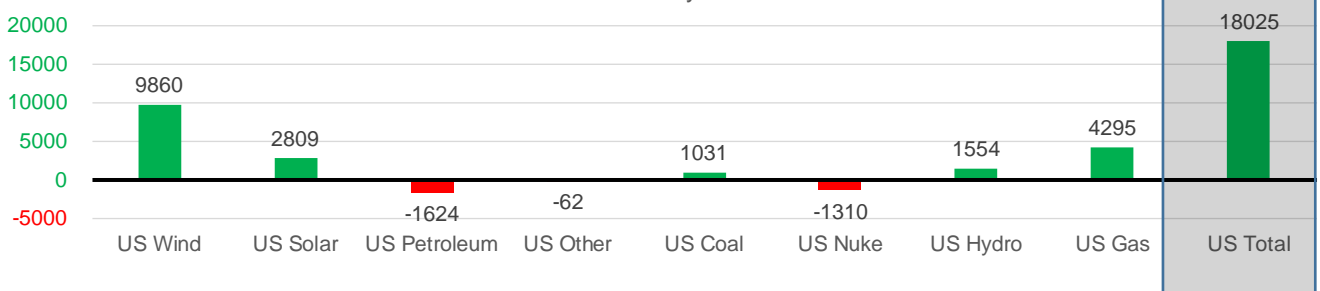
Wind Generation Monthly Average - MWh (EIA)

	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	2004	2753	1244	1559	2250			
TEXAS Wind	9808	12801	11355	12294	14837	15078	15436	241	2635
US Wind	39487	53390	51045	56539	58520	62763	63250	4243	9860

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	39487	53390	51045	56539	58520			
US Solar	8704	12440	9541	12188	14053	15547	15249	▼ -297.6	▲ 2809
US Petroleum	3140	2608	5021	3451	1335	978	984	▲ 6	▼ -1624
US Other	7067	7400	8792	8832	7183	7112	7337	▲ 225	▼ -62
US Coal	59452	75134	117971	106588	82279	76936	76165	▼ -771	▲ 1031
US Nuke	82939	81006	95259	92280	85157	76968	79696	▲ 2727	▼ -1310
US Hydro	30460	29801	34040	32213	33927	29996	31356	▲ 1360	▲ 1554
US Gas	143207	126996	164024	152058	135574	131753	131291	▲ 3737	▲ 4295
US Total	372770	388187	485878	464678	419850	402419	406212	▲ 6987	▲ 18025

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

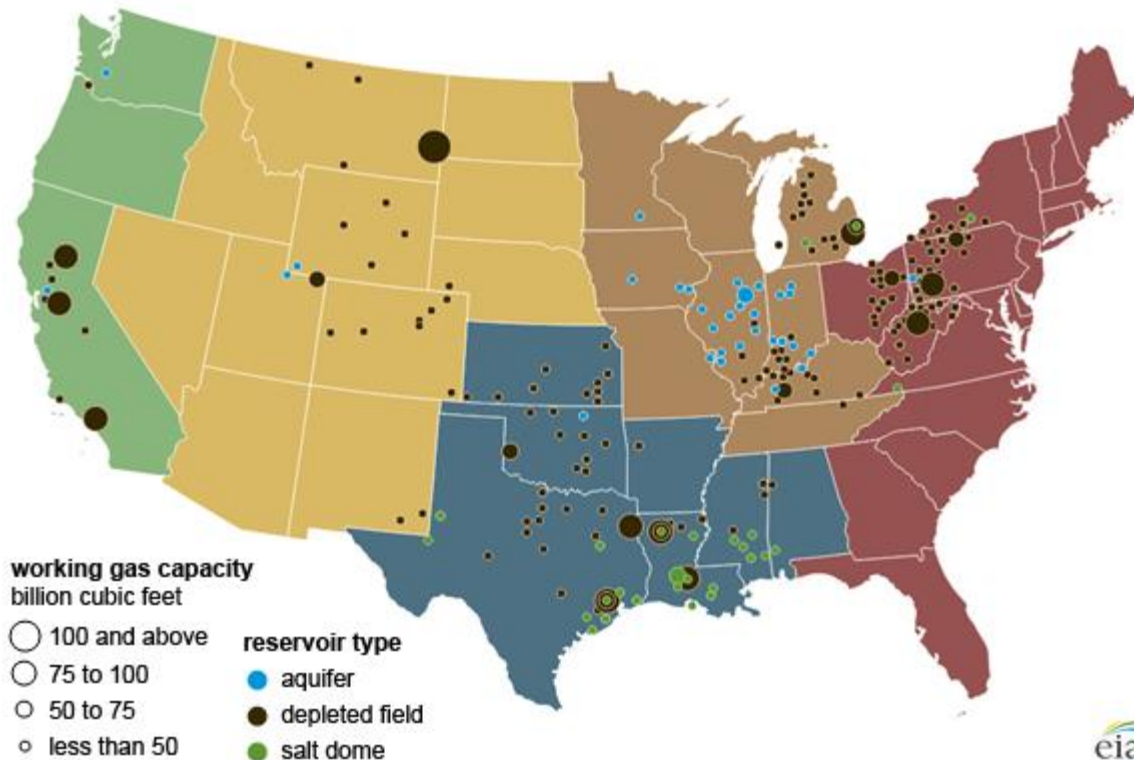
Regional S/D Models Storage Projection

Week Ending 15-Apr

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	6.5	0.0	6.5	46
East	-0.2	1.7	1.5	10
Midwest	2.2	-0.4	1.8	12
Mountain	3.5	-3.4	0.1	1
South Central	1.5	2.1	3.6	25
Pacific	-0.5	0.1	-0.4	-3

*Adjustment Factor is calculated based on historical regional deltas

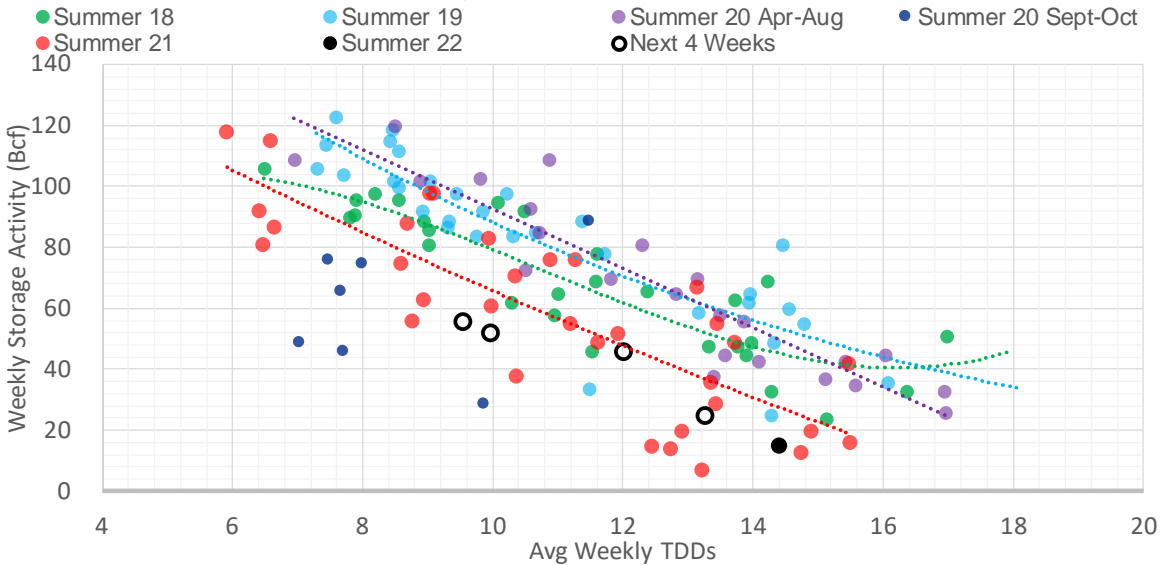
U.S. underground natural gas storage facilities by type (July 2015)



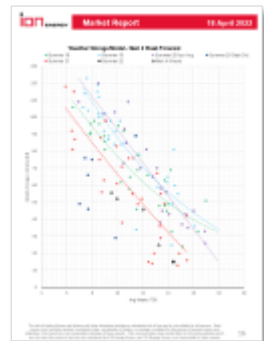
Weather Model Storage Projection

Next report and beyond		
Week Ending	GWDDs	Week Storage Projection
15-Apr	12	46
22-Apr	13	25
29-Apr	10	55
06-May	10	52

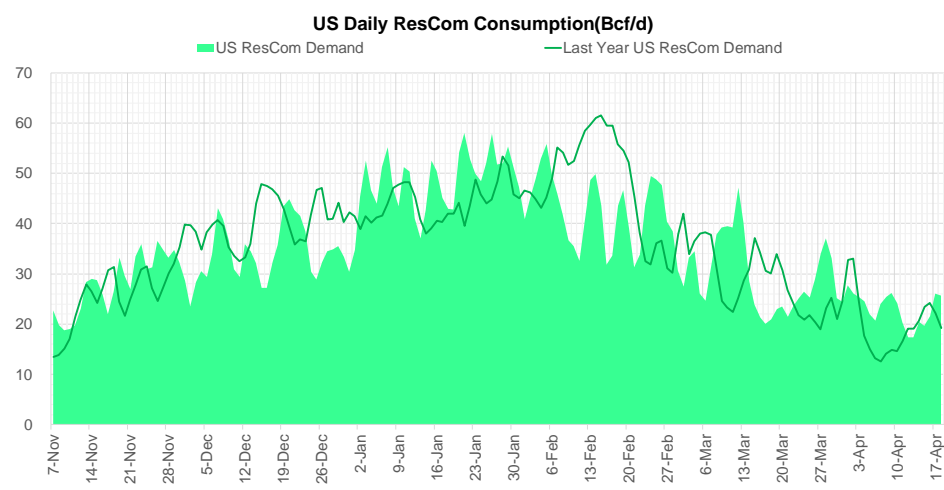
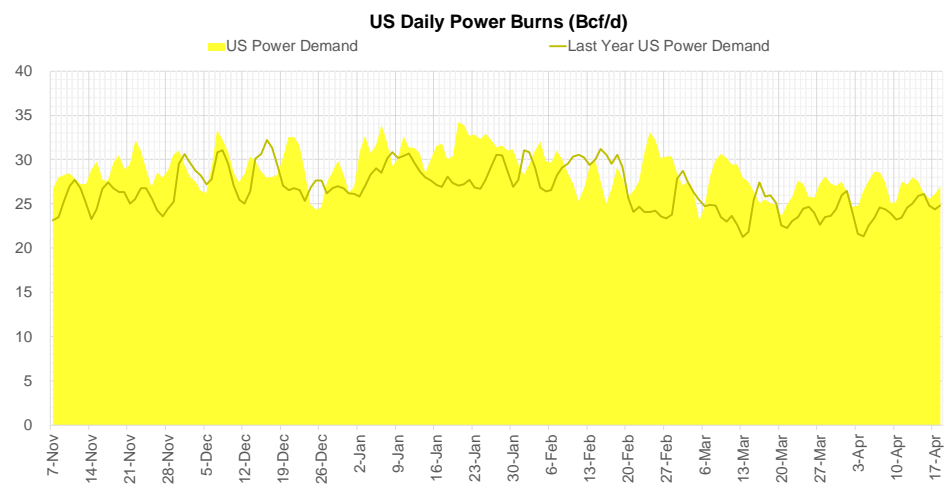
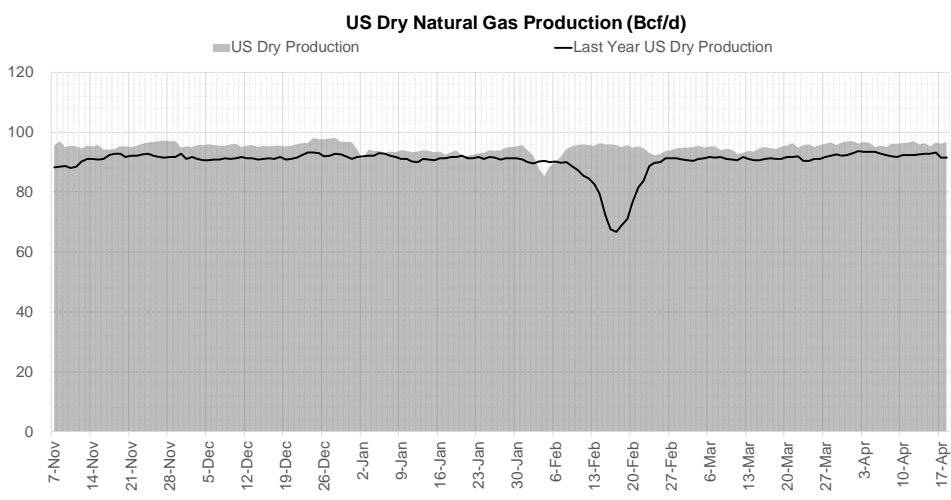
Weather Storage Model - Next 4 Week Forecast



Go to larger image



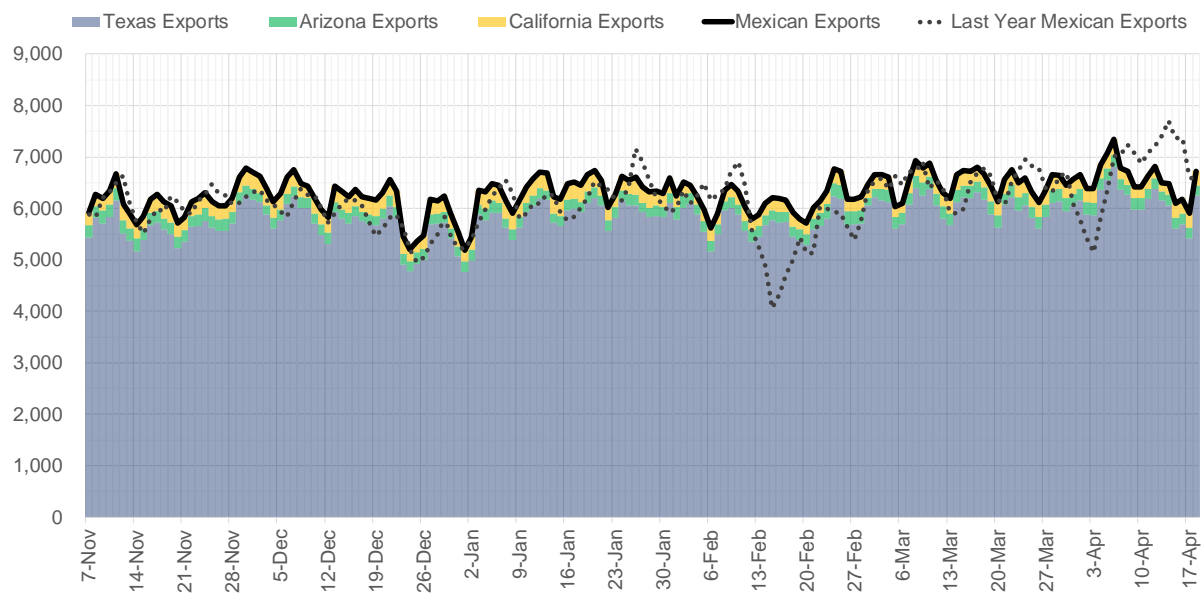
Supply – Demand Trends



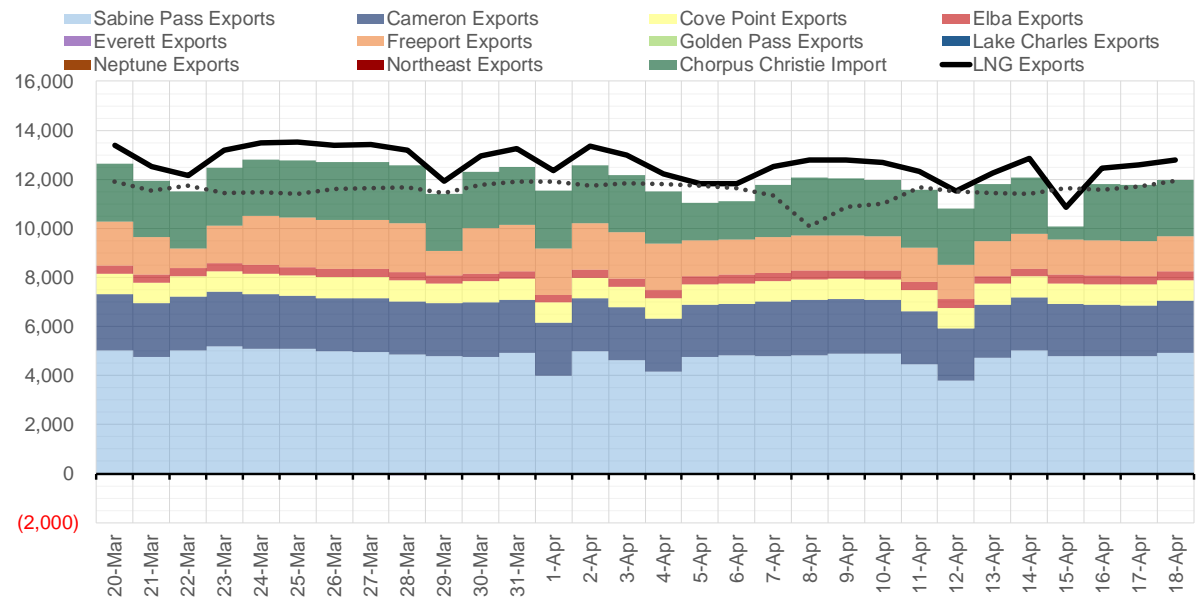
Source: Bloomberg

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Mexican Exports (MMcf/d)



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



Source: Bloomberg

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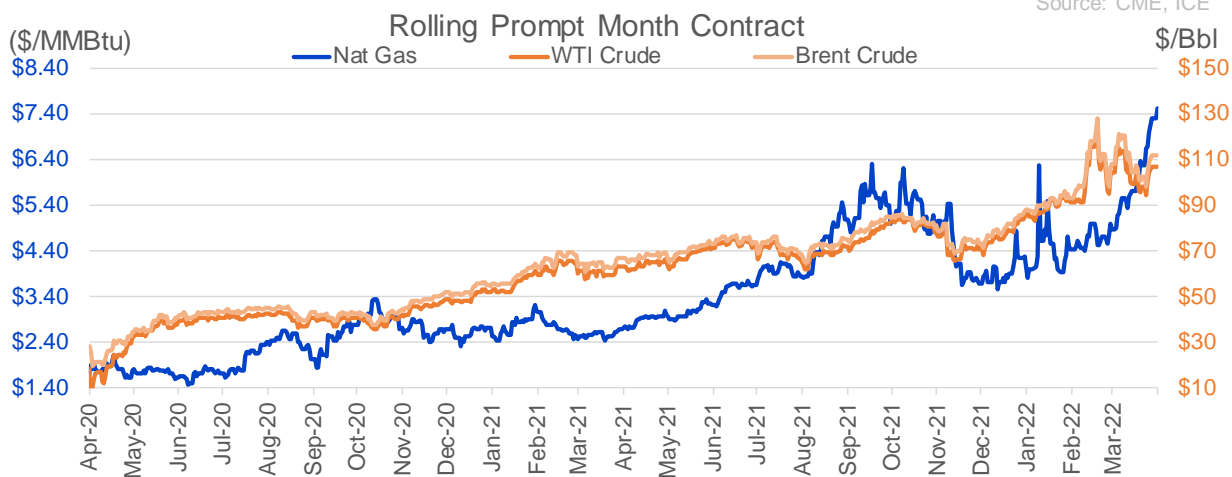
Nat Gas Options Volume and Open Interest CME and ICE Combined

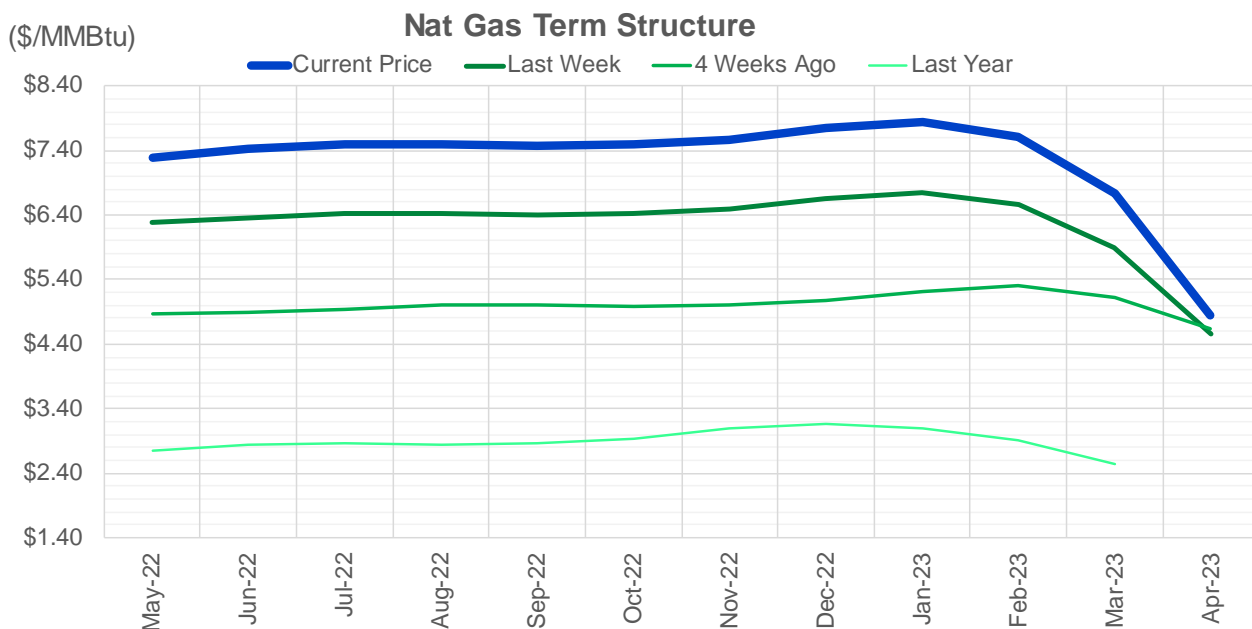
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
5	2022	C	8.00	8756	8	2022	C	10.00	48949
7	2022	C	8.00	5991	8	2022	C	10.50	43100
5	2022	P	6.00	5546	10	2022	C	6.00	29044
5	2022	C	7.50	4666	10	2022	C	5.00	26880
6	2022	C	10.00	4109	5	2022	P	4.00	25638
7	2022	C	7.50	3989	6	2022	C	6.00	24205
8	2022	C	10.00	3647	9	2022	C	6.00	23596
5	2022	C	7.00	3629	5	2022	P	3.00	22936
5	2022	C	9.00	3454	6	2022	C	8.00	21691
9	2022	C	10.00	3125	5	2022	C	7.00	21617
3	2023	C	1.00	3000	5	2022	C	5.00	21337
3	2023	P	1.00	3000	5	2022	C	6.00	21166
5	2022	P	5.00	2898	8	2022	C	6.00	20887
5	2022	C	10.00	2813	10	2022	P	3.00	20512
10	2022	C	10.00	2485	5	2022	P	4.50	20052
6	2022	P	5.50	2443	5	2022	P	2.50	19874
7	2022	C	8.50	2427	6	2022	C	7.00	19044
5	2022	P	6.50	2320	6	2022	P	4.00	18977
6	2022	C	8.00	2283	8	2022	C	7.00	18707
5	2022	C	7.25	2256	7	2022	C	7.00	18451
10	2022	P	4.00	2256	9	2022	C	10.00	18317
6	2022	C	7.50	2230	7	2022	C	6.00	18155
10	2022	P	5.00	2114	6	2022	C	5.00	17850
6	2022	P	4.00	2110	12	2022	C	5.00	17771
9	2022	C	10.50	2085	7	2022	P	3.25	17655
8	2022	C	8.00	2083	5	2022	P	2.75	17585
5	2022	P	6.75	2055	10	2022	P	2.50	17361
5	2022	P	7.00	1964	5	2022	P	3.50	17295
7	2022	C	7.25	1860	6	2022	P	3.00	17197
10	2022	C	8.00	1859	1	2023	C	6.00	17056
8	2022	C	7.00	1799	5	2022	P	5.00	16970
12	2022	C	5.25	1700	6	2022	C	10.00	16884
12	2022	C	6.25	1700	9	2022	C	7.00	16785
6	2022	P	6.00	1693	5	2022	P	3.75	16302
6	2022	P	4.50	1644	7	2022	C	8.00	16218
8	2022	C	7.50	1638	10	2022	P	4.00	15453
6	2022	C	8.50	1609	1	2023	C	10.00	15422
2	2023	C	14.00	1475	9	2022	P	2.50	15366
5	2022	P	5.75	1417	6	2022	P	3.50	15366
6	2022	C	7.00	1364	10	2022	P	3.50	15317
7	2022	P	6.00	1349	1	2023	C	5.00	15277
6	2022	C	6.50	1302	6	2022	P	3.75	15066
8	2022	C	10.50	1275	9	2022	P	2.75	14933
12	2023	C	5.50	1250	10	2022	P	2.00	14715
6	2022	P	5.25	1203	7	2022	P	3.50	14384
10	2023	P	3.00	1200	12	2022	C	6.00	13959
5	2022	P	6.25	1199	5	2022	C	8.00	13865
7	2022	C	7.00	1180	6	2022	P	5.50	13818
5	2022	C	7.10	1176	5	2022	C	3.00	13733
					8	2022	P	3	13700

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	74348	86241	-11893	MAY 22	78615	77586	1029
JUN 22	122900	120100	2800	JUN 22	64925	64593	332
JUL 22	158251	155101	3150	JUL 22	79377	77392	1985
AUG 22	53838	54169	-331	AUG 22	62066	61631	435
SEP 22	81842	82587	-745	SEP 22	65116	64834	283
OCT 22	99729	99464	265	OCT 22	75226	74518	708
NOV 22	42168	41944	224	NOV 22	54436	53799	637
DEC 22	45551	45532	19	DEC 22	60005	59326	679
JAN 23	64588	64441	147	JAN 23	68917	68456	461
FEB 23	21372	21507	-135	FEB 23	47477	47368	110
MAR 23	42488	42419	69	MAR 23	53114	53324	-211
APR 23	54827	54547	280	APR 23	52042	51659	383
MAY 23	52399	52662	-263	MAY 23	46009	45492	517
JUN 23	22647	22487	160	JUN 23	43677	43472	205
JUL 23	17946	17068	878	JUL 23	43393	43085	308
AUG 23	15012	14707	305	AUG 23	43176	42820	356
SEP 23	18071	17952	119	SEP 23	42858	42555	303
OCT 23	37100	35660	1440	OCT 23	49789	48836	953
NOV 23	12416	12413	3	NOV 23	42019	41860	158
DEC 23	14670	14660	10	DEC 23	39229	37973	1256
JAN 24	22789	22747	42	JAN 24	35610	35927	-317
FEB 24	5293	4966	327	FEB 24	24980	24363	617
MAR 24	15365	15551	-186	MAR 24	30530	30806	-276
APR 24	11276	11169	107	APR 24	24481	23762	720
MAY 24	5719	5008	711	MAY 24	24241	23941	300
JUN 24	1787	1750	37	JUN 24	21355	21124	231
JUL 24	1842	1773	69	JUL 24	21126	20918	208
AUG 24	3050	3044	6	AUG 24	22123	22472	-349
SEP 24	1385	1380	5	SEP 24	21028	20836	193
OCT 24	6942	7026	-84	OCT 24	22876	22677	199





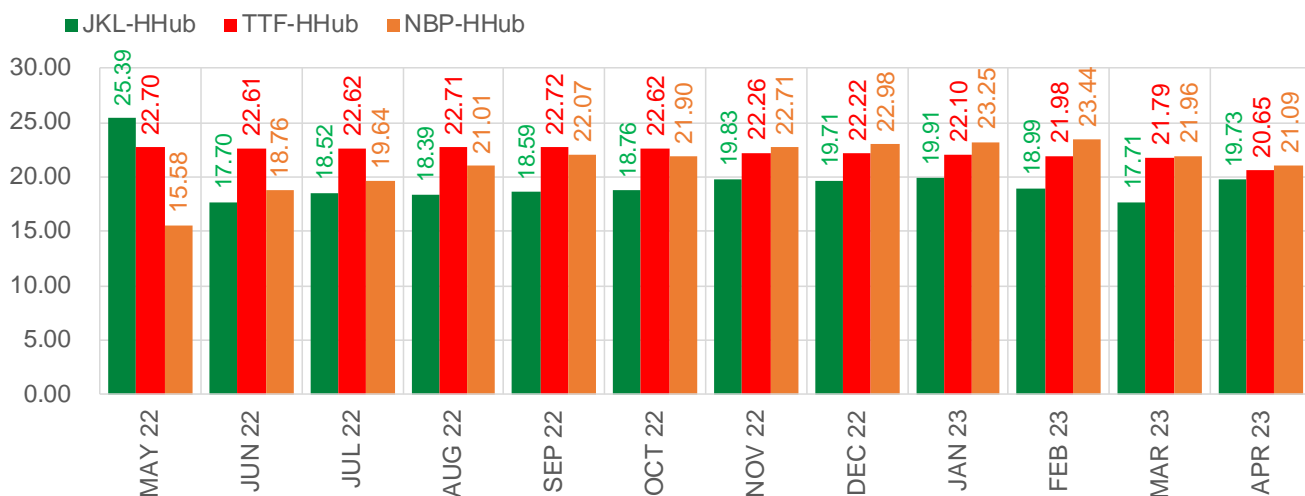
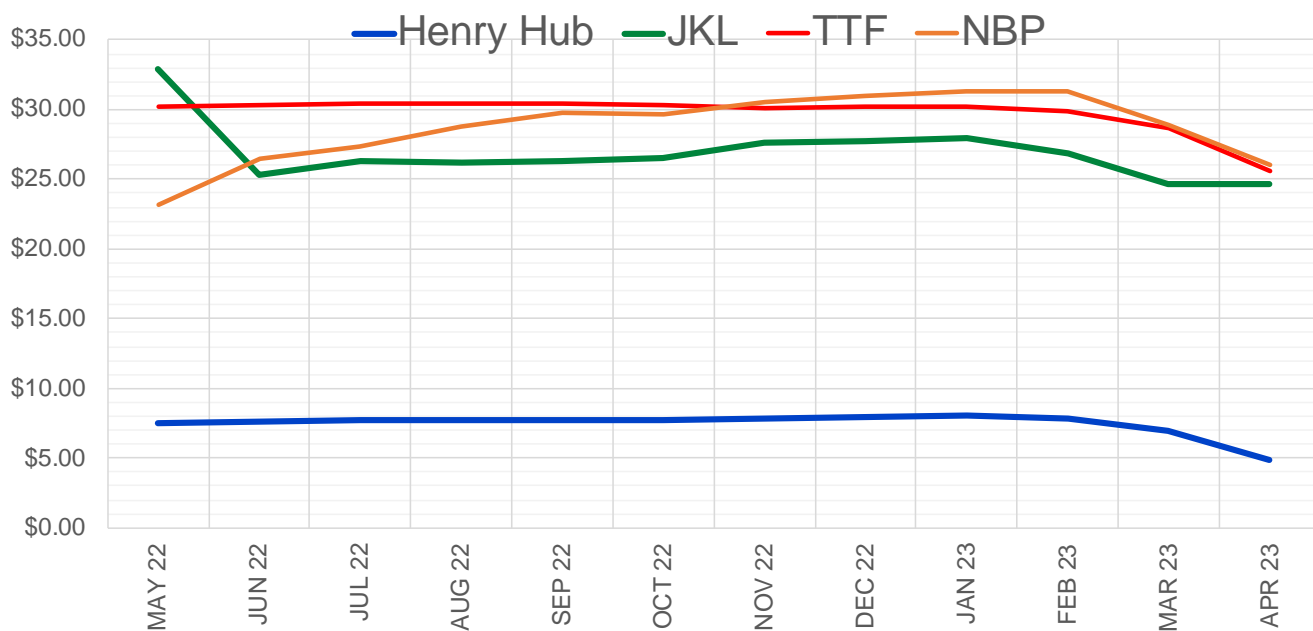
	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Current Price	\$7.300	\$7.423	\$7.501	\$7.499	\$7.473	\$7.486	\$7.561	\$7.740	\$7.846	\$7.610	\$6.734	\$4.841
Last Week	\$6.278	\$6.356	\$6.420	\$6.423	\$6.402	\$6.418	\$6.487	\$6.651	\$6.751	\$6.566	\$5.896	\$4.557
vs. Last Week	\$1.022	\$1.067	\$1.081	\$1.076	\$1.071	\$1.068	\$1.074	\$1.089	\$1.095	\$1.044	\$0.838	\$0.284
4 Weeks Ago	\$4.863	\$4.902	\$4.946	\$4.997	\$5.004	\$4.984	\$4.999	\$5.069	\$5.208	\$5.301	\$5.126	\$4.641
vs. 4 Weeks Ago	\$2.437	\$2.521	\$2.555	\$2.502	\$2.469	\$2.502	\$2.562	\$2.671	\$2.638	\$2.309	\$1.608	\$0.200
Last Year	\$2.680	\$2.754	\$2.829	\$2.858	\$2.843	\$2.862	\$2.940	\$3.085	\$3.174	\$3.104	\$2.908	\$2.540
vs. Last Year	\$4.620	\$4.669	\$4.672	\$4.641	\$4.630	\$4.624	\$4.621	\$4.655	\$4.672	\$4.506	\$3.826	\$2.301

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	5.85	5.77	-0.08
TETCO M3	\$/MMBtu	6.77	5.71	-1.06
FGT Zone 3	\$/MMBtu	6.80	6.36	-0.44
Zone 6 NY	\$/MMBtu	6.80	5.64	-1.17
Chicago Citygate	\$/MMBtu	6.94	6.11	-0.83
Michcon	\$/MMBtu	6.87	6.12	-0.75
Columbia TCO Pool	\$/MMBtu	6.46	5.74	-0.72
Ventura	\$/MMBtu	6.10	5.98	-0.12
Rockies/Opal	\$/MMBtu	6.87	5.82	-1.05
El Paso Permian Basin	\$/MMBtu	6.17	5.39	-0.78
Socal Citygate	\$/MMBtu	7.00	5.90	-1.10
Malin	\$/MMBtu	6.85	5.84	-1.01
Houston Ship Channel	\$/MMBtu	6.82	6.17	-0.65
Henry Hub Cash	\$/MMBtu	6.90	6.00	-0.90
AECO Cash	C\$/GJ	6.30	4.90	-1.40
Station2 Cash	C\$/GJ	6.19	5.61	-0.58
Dawn Cash	C\$/GJ	6.90	6.11	-0.79

Source: CME, Bloomberg

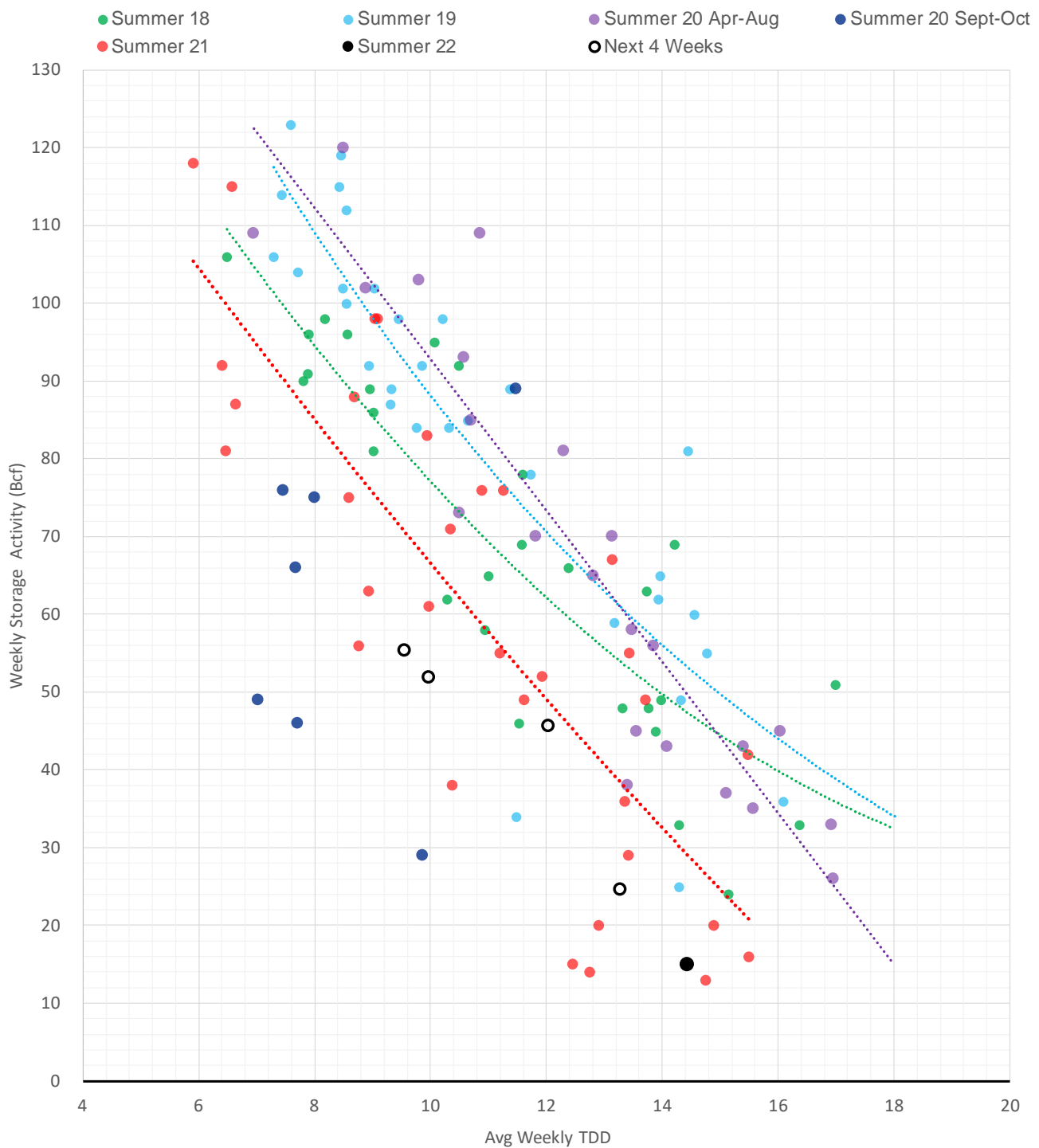
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.191
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.283
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.129
NatGas Apr22/Oct22	\$/MMBtu	2.150	▲ 1.068	▲ 2.014	▲ 2.117
WTI Crude	\$/Bbl	106.95	▲ 8.690	▲ 2.250	▲ 43.820
Brent Crude	\$/Bbl	111.70	▲ 8.920	▲ 3.770	▲ 44.930
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	385.48	▲ 53.720	▲ 25.670	▲ 195.910
Propane, Mt. Bel	cents/Gallon	1.34	▲ 0.048	▼ -0.067	▲ 0.526
Ethane, Mt. Bel	cents/Gallon	0.51	▲ 0.020	▲ 0.084	▲ 0.275
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)



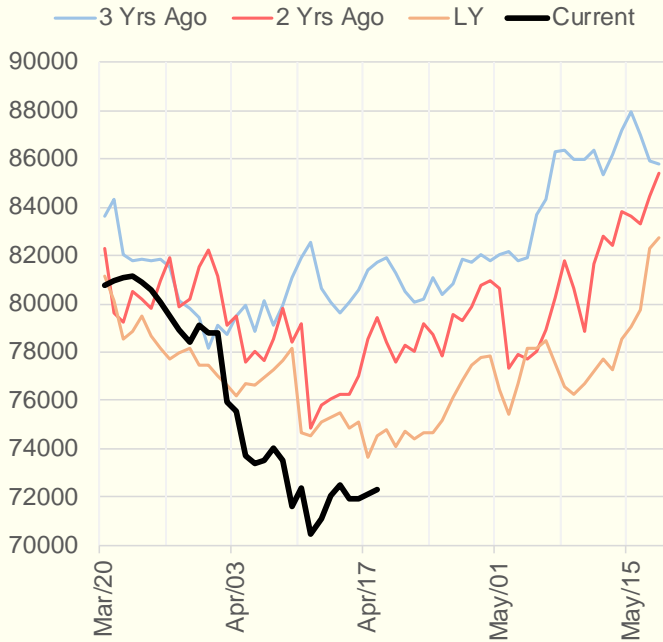
	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23
Henry Hub	\$7.542	\$7.666	\$7.765	\$7.761	\$7.733	\$7.732	\$7.805	\$7.986	\$8.105	\$7.885	\$6.932	\$4.909
JKL	\$32.930	\$25.365	\$26.280	\$26.150	\$26.320	\$26.490	\$27.630	\$27.695	\$28.010	\$26.870	\$24.640	\$24.640
JKL-HHub	\$25.388	\$17.699	\$18.515	\$18.389	\$18.587	\$18.758	\$19.825	\$19.709	\$19.905	\$18.985	\$17.708	\$19.731
TTF	\$30.238	\$30.275	\$30.387	\$30.466	\$30.456	\$30.350	\$30.063	\$30.208	\$30.205	\$29.860	\$28.723	\$25.557
TTF-HHub	\$22.696	\$22.609	\$22.622	\$22.705	\$22.723	\$22.618	\$22.258	\$22.222	\$22.100	\$21.975	\$21.791	\$20.648
NBP	\$23.123	\$26.424	\$27.400	\$28.775	\$29.806	\$29.630	\$30.514	\$30.964	\$31.357	\$31.327	\$28.895	\$25.997
NBP-HHub	\$15.581	\$18.758	\$19.635	\$21.014	\$22.073	\$21.898	\$22.709	\$22.978	\$23.252	\$23.442	\$21.963	\$21.088

Weather Storage Model - Next 4 Week Forecast

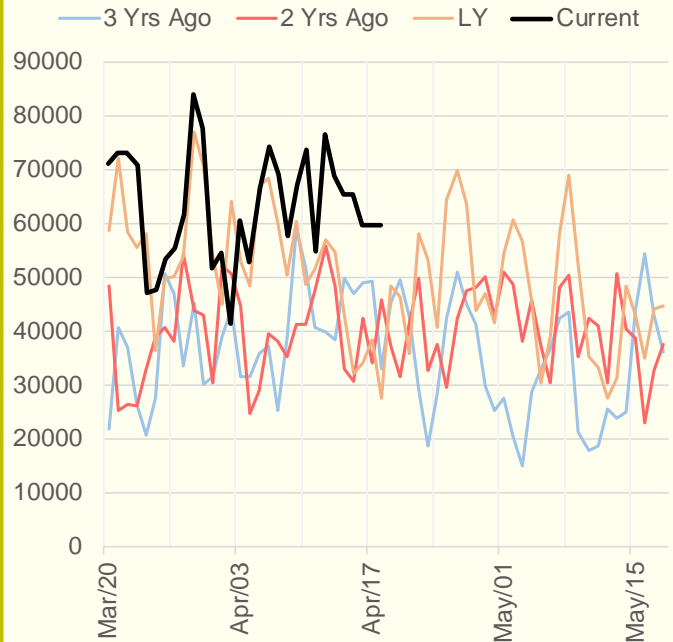


The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are 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.

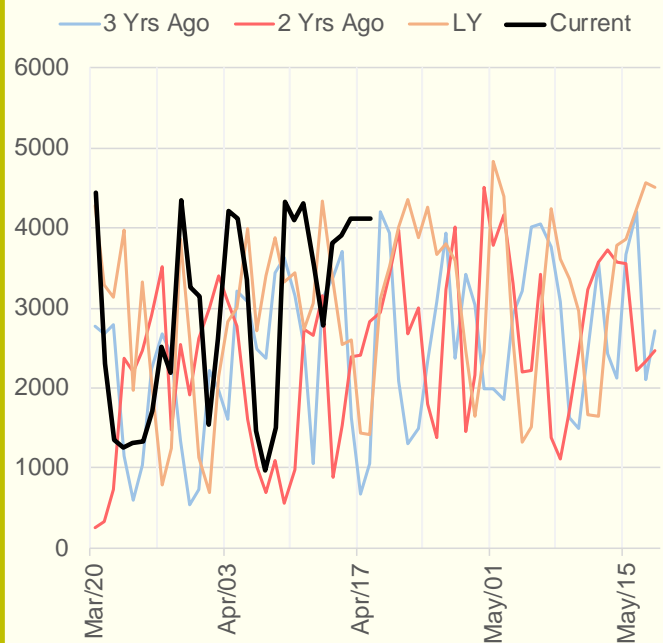
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

