

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 8.50 ▲	\$ 0.08 ▲	\$ 1.00

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 109.27 ▲	\$ 1.46 ▲	\$ 4.3

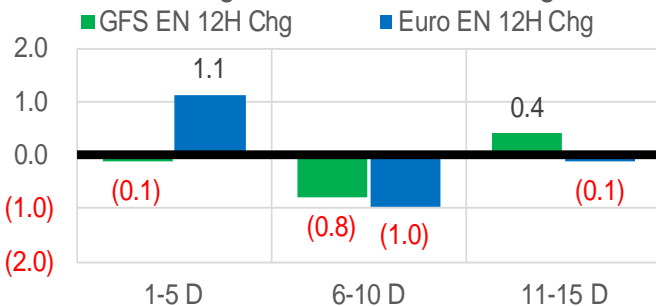
	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 111.80 ▲	\$ 1.66 ▲	\$ 3.5

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](#)

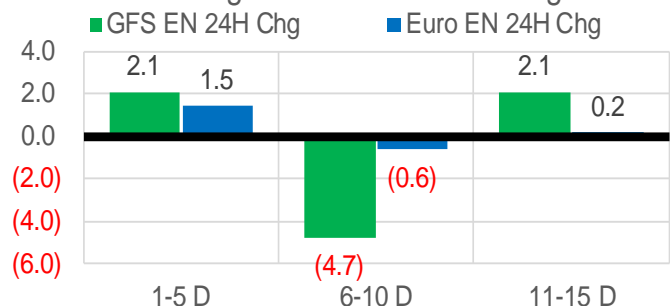
Vs. 12H Ago

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	95.1 ▼	-0.31 ▼	-0.67

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	30.9 ▼	-0.50 ▼	3.05 ▲

	Current	Δ from YD	Δ from 7D Avg
US ResComm	14.8 ▼	-2.05 ▼	-2.83

	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.2 ▼	-0.02 ▼	0.28 ▲

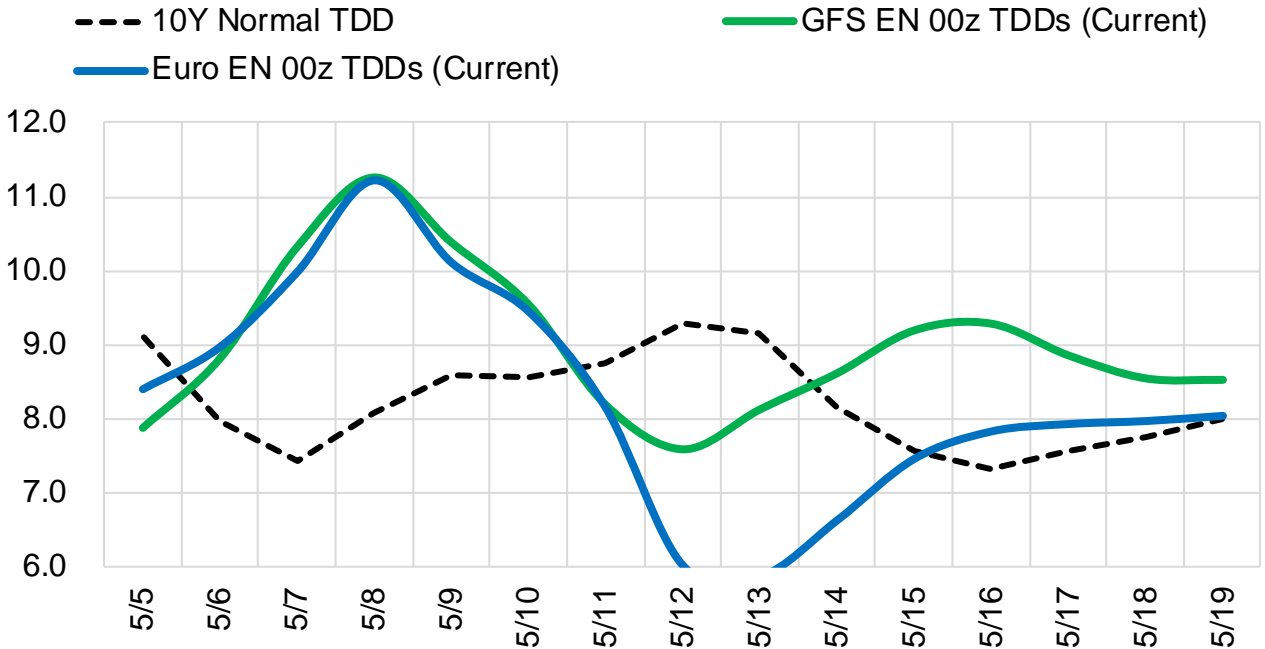
	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.3 ▲	0.09 ▲	0.19

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	7.3 ▲	0.06 ▲	0.36

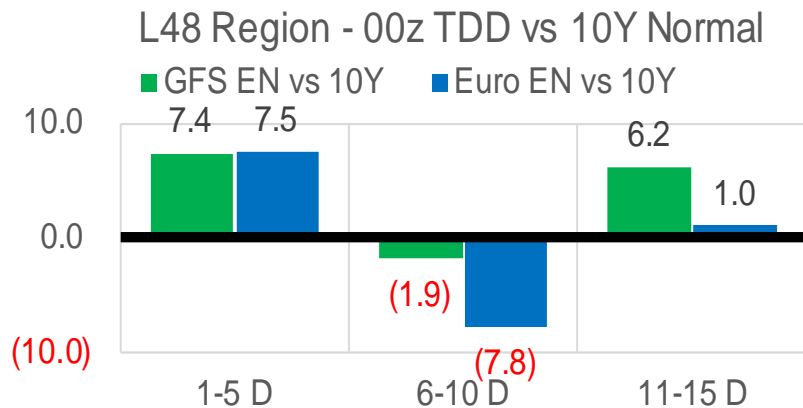
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Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI, Bloomberg

Lower 48 Component Models

Daily Balances

	29-Apr	30-Apr	1-May	2-May	3-May	4-May	5-May	DoD	vs. 7D
Lower 48 Dry Production	96.4	96.0	95.4	96.2	95.4	95.4	95.1	▼ -0.3	▼ -0.7
Canadian Imports	5.8	6.0	5.4	5.6	6.3	6.3	6.2	▼ 0.0	▲ 0.4
L48 Power	26.0	24.9	26.4	28.9	30.7	31.4	30.9	▼ -0.5	▲ 2.9
L48 Residential & Commercial	18.6	16.0	15.5	16.9	16.9	16.9	14.8	▼ -2.1	▼ -1.9
L48 Industrial	19.8	19.4	19.3	19.4	19.4	19.7	20.0	▲ 0.3	▲ 0.5
L48 Lease and Plant Fuel	5.3	5.2	5.2	5.2	5.2	5.2	5.1	▼ 0.0	▼ -0.1
L48 Pipeline Distribution	2.5	2.3	2.4	2.6	2.7	2.7	2.6	▼ -0.1	▲ 0.1
L48 Regional Gas Consumption	72.1	67.8	68.7	72.9	74.8	75.9	73.5	▼ -2.5	▲ 1.4
Net LNG Delivered	11.90	12.00	11.96	12.44	12.28	12.17	12.25	▲ 0.1	▲ 0.1
Total Mexican Exports	6.9	6.9	6.5	6.8	6.9	7.2	7.3	▲ 0.1	▲ 0.4
Implied Daily Storage Activity	11.3	15.3	13.7	9.6	7.7	6.4	8.4		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	WoW	vs. 4W
Lower 48 Dry Production	95.4	96.0	95.8	96.4	96.7	95.8	▼ -0.9	▼ -0.4
Canadian Imports	4.8	5.7	5.8	5.6	5.8	6.1	▲ 0.3	▲ 0.4
L48 Power	25.5	26.8	26.7	26.7	26.8	26.8	▼ 0.0	▲ 0.0
L48 Residential & Commercial	24.6	30.8	25.2	22.4	24.2	18.5	▼ -5.6	▼ -7.1
L48 Industrial	19.7	21.5	20.7	19.5	20.0	20.4	▲ 0.4	▼ 0.0
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.3	5.3	5.2	▼ 0.0	▼ 0.0
L48 Pipeline Distribution	2.6	3.0	2.9	2.7	2.8	2.5	▼ -0.3	▼ -0.3
L48 Regional Gas Consumption	77.6	87.3	80.7	76.6	79.1	73.4	▼ -5.6	▼ -7.5
Net LNG Exports	13.0	13.1	12.4	12.5	12.1	12.2	▲ 0.1	▼ -0.3
Total Mexican Exports	6.5	6.4	6.8	6.6	6.7	6.9	▲ 0.2	▲ 0.3
Implied Daily Storage Activity	3.2	-5.1	1.7	6.3	4.7	9.4	4.7	
EIA Reported Daily Storage Activity	3.7	-4.7	2.1	7.6	5.7			
Daily Model Error	-0.6	-0.4	-0.4	-1.2	-1.0			

Monthly Balances

	2Yr Ago May-20	LY May-21	Jan-22	Feb-22	Mar-22	Apr-22	MTD May-22	MoM	vs. LY
Lower 48 Dry Production	87.0	93.0	93.4	92.7	95.0	96.2	95.6	▼ -0.6	▲ 2.6
Canadian Imports	3.9	4.5	6.7	6.6	5.2	5.8	5.9	▲ 0.1	▲ 1.4
L48 Power	26.9	26.7	31.3	29.1	26.9	26.7	29.3	▲ 2.7	▲ 2.7
L48 Residential & Commercial	12.8	12.8	49.1	44.4	30.7	22.2	16.5	▼ -5.7	▲ 3.7
L48 Industrial	19.4	20.7	24.8	22.5	20.5	20.1	19.4	▼ -0.7	▼ -1.3
L48 Lease and Plant Fuel	4.7	5.0	5.1	5.1	5.2	5.3	5.2	▼ -0.1	▲ 0.1
L48 Pipeline Distribution	2.2	2.2	3.8	3.6	3.0	2.7	2.6	▼ -0.1	▲ 0.4
L48 Regional Gas Consumption	65.9	67.5	114.2	104.6	86.3	76.9	73.1	▼ -3.9	▲ 5.6
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	6.8	▲ 0.1	▲ 0.1
Implied Daily Storage Activity	13.6	12.4	-32.9	-23.9	-5.4	6.1	9.3		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	27-Apr	28-Apr	29-Apr	30-Apr	1-May	2-May	3-May	DoD	vs. 7D
NRC Nuclear Daily Output	75.2	73.4	74.5	74.6	76.3	77.4	78.3	0.9	3.0
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	29.7	31.5	30.4	30.3	28.6	27.5	26.6	-0.9	-3.0
NRC % Nuclear Cap Utilization	76.4	74.6	75.8	75.9	77.6	78.7	79.6	0.9	3.1

Wind Generation Daily Average - MWh (EIA)

	27-Apr	28-Apr	29-Apr	30-Apr	1-May	2-May	3-May	DoD	vs. 7D
CALI Wind	4796	4682	2301	3607	4170	3505	2655	-851	-1189
TEXAS Wind	17588	21087	21568	13192	18569	20925	12638	-8287	-6183
US Wind	68033	70064	76301	64883	65393	60290	49012	-11278	-18482

Generation Daily Average - MWh (EIA)

	27-Apr	28-Apr	29-Apr	30-Apr	1-May	2-May	3-May	DoD	vs. 7D
US Wind	68033	70064	76301	64883	65393	60290	49012	-11278	-18482
US Solar	16977	17074	16778	16334	14496	16830	15959	-871	-455
US Petroleum	994	1036	1026	834	795	985	985	1	40
US Other	7475	7107	7016	6856	6790	7648	7364	-284	215
US Coal	77519	75742	69576	68843	69667	76839	81026	4187	7995
US Nuke	78196	78176	78702	79037	80302	81648	80999	-650	1655
US Hydro	26263	27426	25305	23684	23848	27620	25764	-1856	73
US Gas	132952	131079	129018	122825	118606	150291	160889	10598	30094

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	80.9	79.3	75.0	71.9	72.3	73.5	1.2	-0.2
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	24.0	25.5	29.9	32.9	32.6	31.4	-1.2	
NRC % Nuclear Cap Utilization	82.3	80.7	76.3	73.2	73.5	74.8	1.2	

Wind Generation Weekly Average - MWh (EIA)

	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	WoW	WoW Bcf/d Impact
CALI Wind	2037	2643	2611	3434	3613	3153	-460	0.1
TEXAS Wind	16108	14530	14468	16530	15612	18327	2715	-0.5
US Wind	62107	61679	59878	66240	61556	66968	5412	-1.0
							9%	

Generation Weekly Average - MWh (EIA)

	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	WoW	WoW Bcf/d Impact
								0.2
							est.	
US Wind	62107	61679	59878	66240	61556	66968	5412	-1.0
US Solar	13805	15451	15518	16118	15897	16709	812	-0.1
US Petroleum	864	1048	1015	964	984	992	8	0.0
US Other	7745	7481	7183	7154	7544	7647	103	0.0
US Coal	72503	77743	77514	77087	79632	77110	-2523	0.5
US Nuke	84027	83506	78807	75674	76478	77438	959	-0.2
US Hydro	33229	33463	32524	29415	28355	26595	-1760	0.3
US Gas	126230	136004	134633	134338	133367	131231	-2135	-0.4

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Monthly Average Generation Data

Nuclear Generation Monthly Average - GWh (NRC)

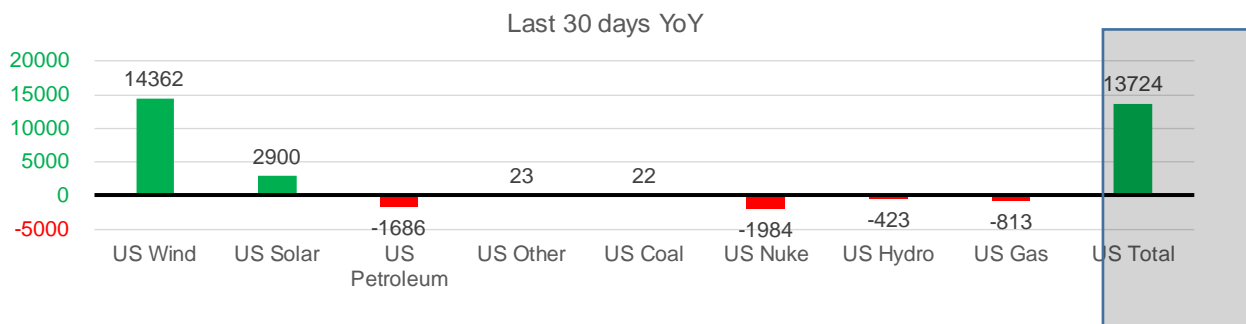
	2Yr Ago	LY	MTD				Last 30 days	Last 30 days YoY
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22		
NRC Nuclear Daily Output	78.3	75.9	87.3	81.3	73.3	77.5	73.6	-2.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0
NRC Nuclear Outage	26.6	29.0	17.5	23.6	31.6	27.4	31.3	2.3
NRC % Nuclear Cap Utilization	79.6	77.2	88.8	82.7	74.5	78.8	74.9	-2.3

Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	Last 30 days YoY
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22		
CALI Wind	2440	3122	1495	2250	3186	3128	3180	57
TEXAS Wind	10673	11656	11750	14837	16311	15482	16586	4930
US Wind	41543	49647	54541	58515	64123	54544	64009	14362

Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	Last 30 days YoY
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22		
US Wind	41543	49647	54541	58515	64123	54544	64009	▲ 14362
US Solar	10088	13287	12442	14054	16094	15840	16186	▲ 2900
US Petroleum	3090	2660	1328	981	985	947	975	▼ -1686
US Other	7795	7350	8629	7187	7352	7306	7372	▲ 23
US Coal	56391	77078	105630	82291	77261	77917	77100	▲ 22
US Nuke	82354	79456	92013	85157	77217	80989	77473	▼ -1984
US Hydro	32321	28305	32280	33927	28907	25752	27882	▼ -423
US Gas	135866	136589	153708	137092	132894	150313	135777	▼ -813
US Total	368008	394465	461067	419866	405869	416670	408189	▲ 13724



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

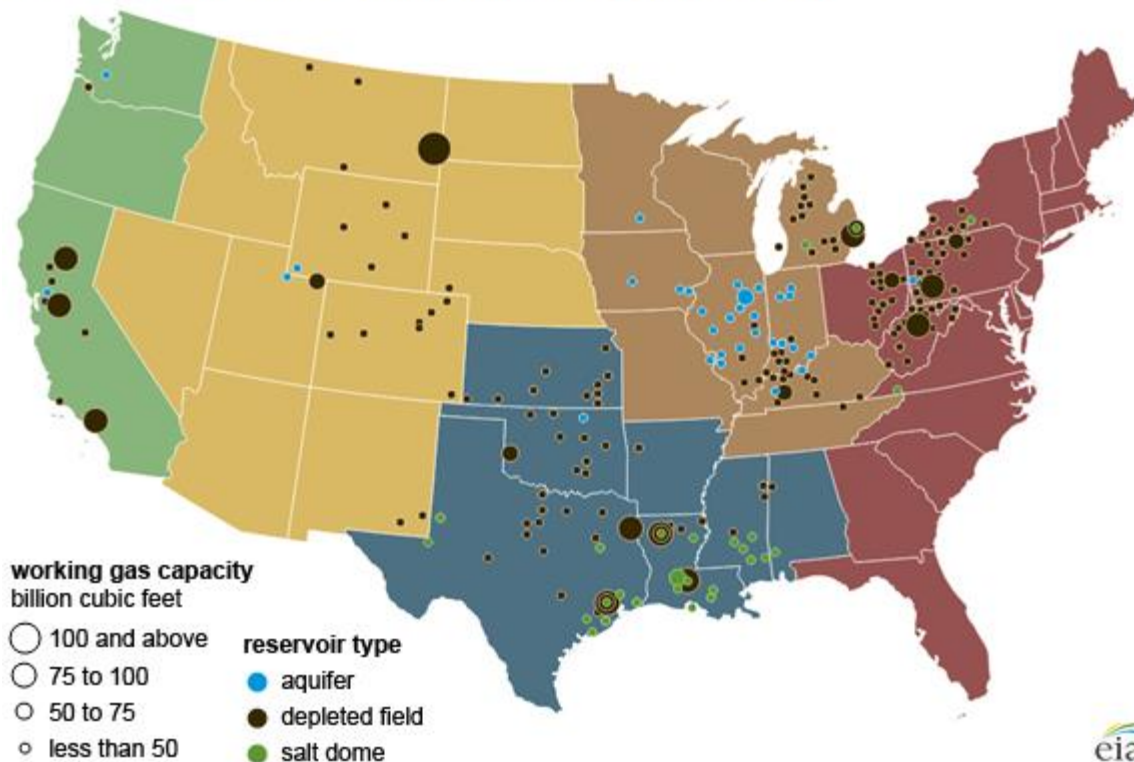
Regional S/D Models Storage Projection

Week Ending 29-Apr

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	9.9	0.3	10.3	72
East	0.1	2.1	2.2	15
Midwest	2.7	-0.3	2.3	16
Mountain	3.8	-3.4	0.4	3
South Central	3.1	1.6	4.7	33
Pacific	0.3	0.4	0.7	5

*Adjustment Factor is calculated based on historical regional deltas

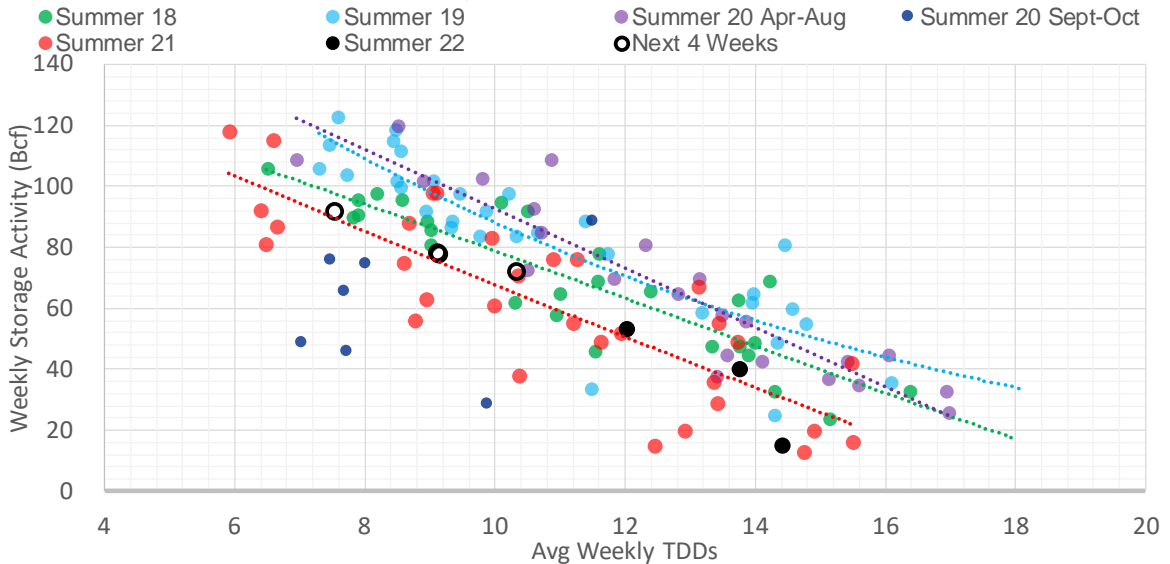
U.S. underground natural gas storage facilities by type (July 2015)



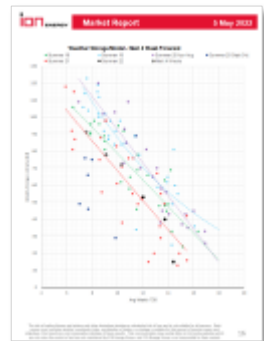
Weather Model Storage Projection

Next report and beyond		
Week Ending	TDDs	Week Storage Projection
29-Apr	10.3	72
06-May	9.1	78
13-May	9.1	78
20-May	7.6	91

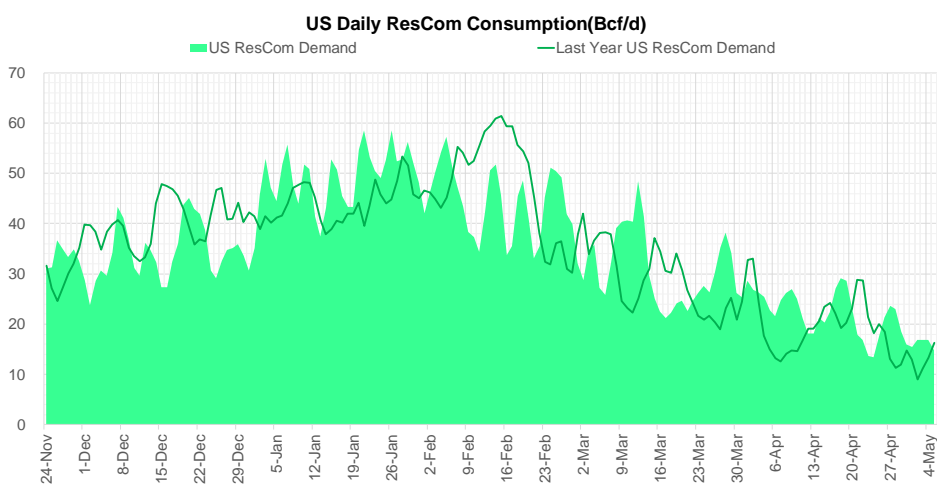
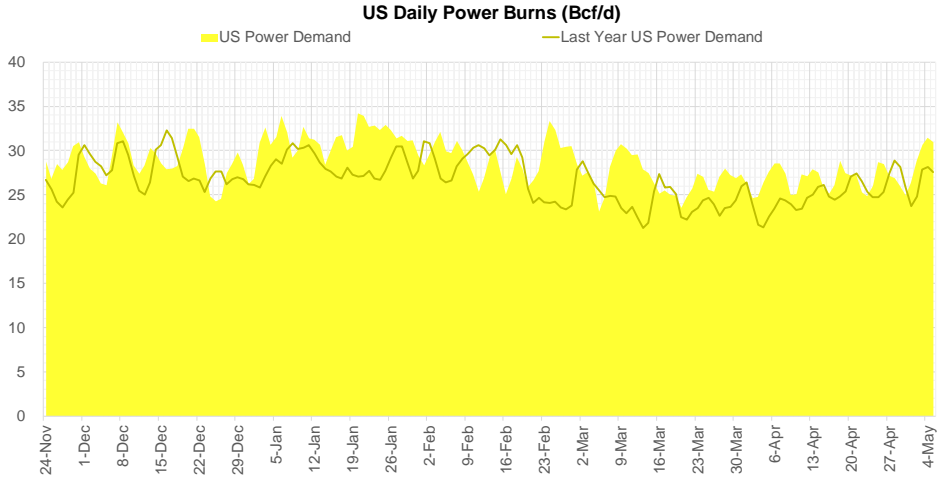
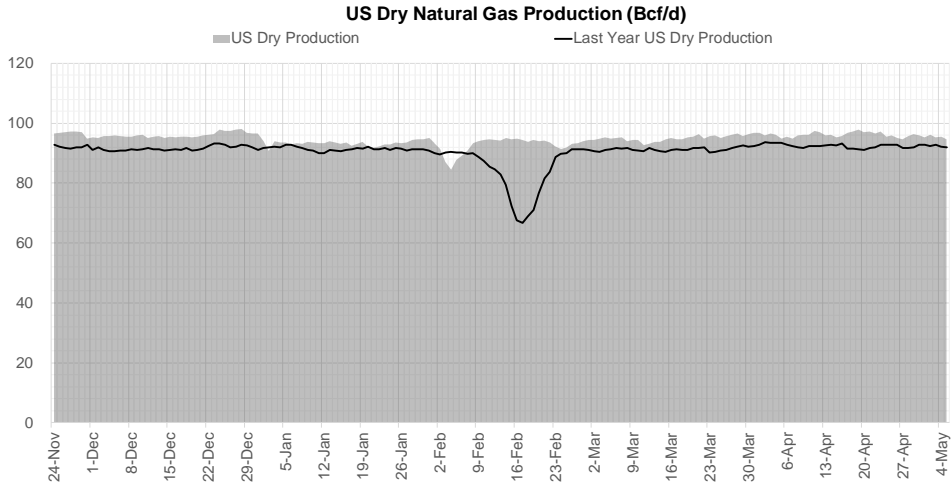
Weather Storage Model - Next 4 Week Forecast



Go to larger image



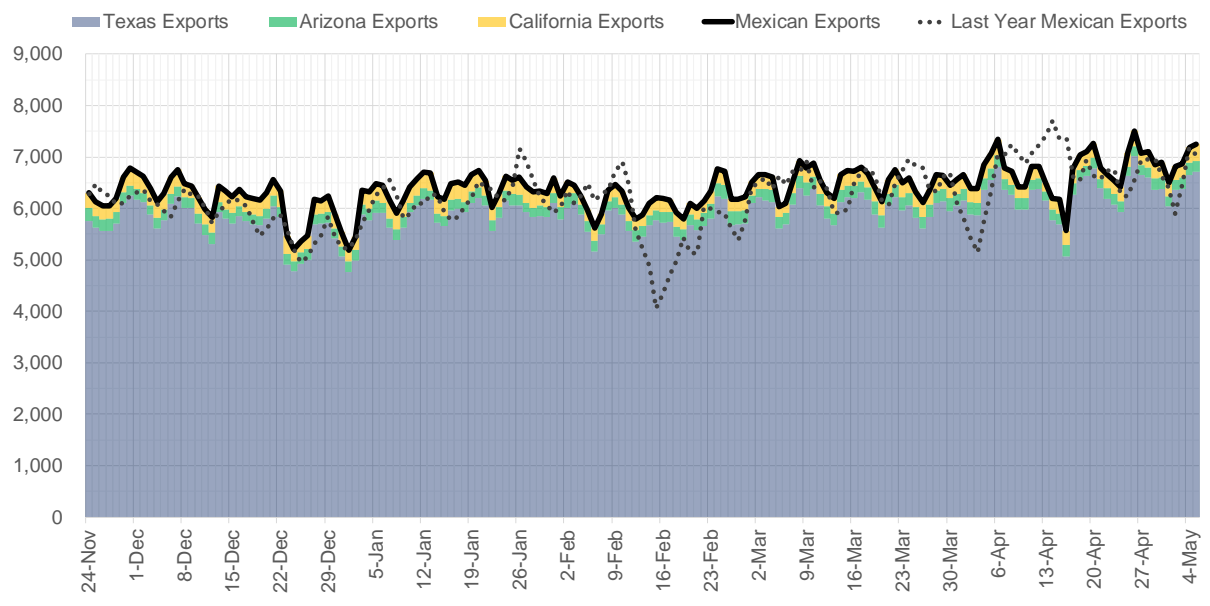
Supply – Demand Trends



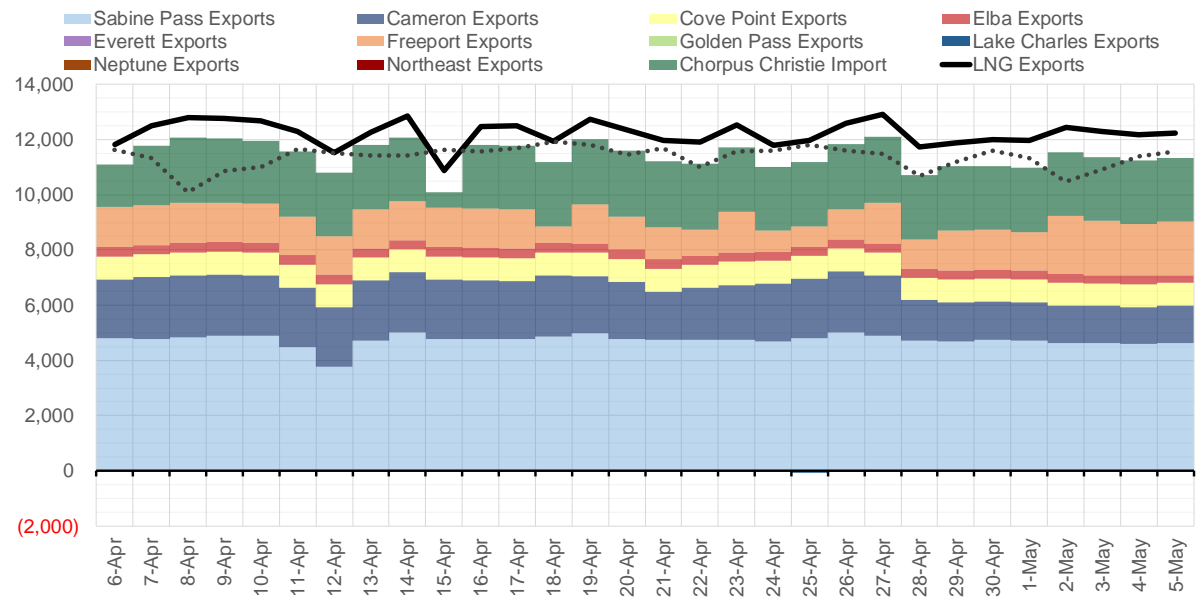
Source: Bloomberg

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Mexican Exports (MMcf/d)



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



Source: Bloomberg

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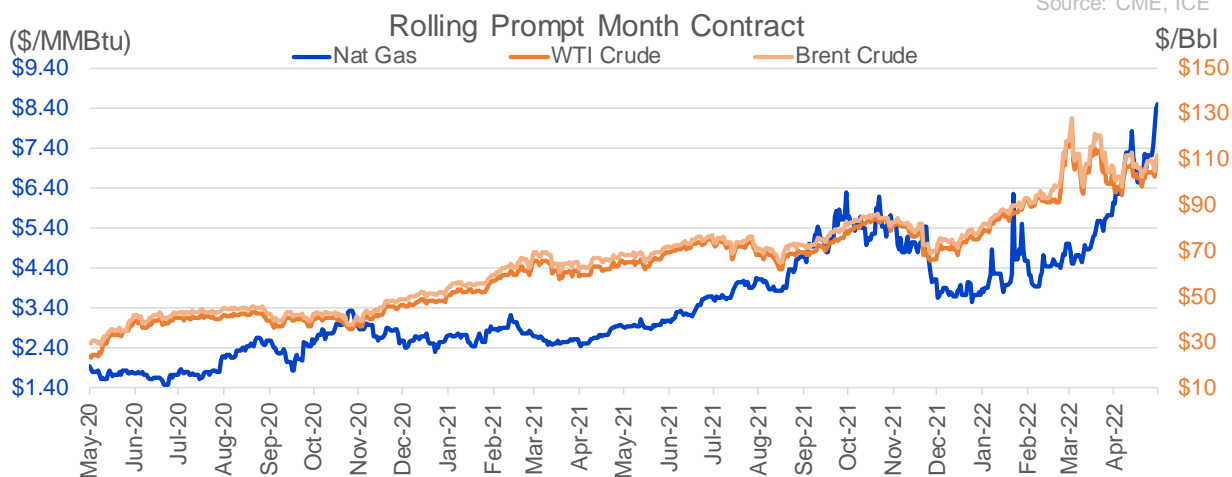
Nat Gas Options Volume and Open Interest CME and ICE Combined

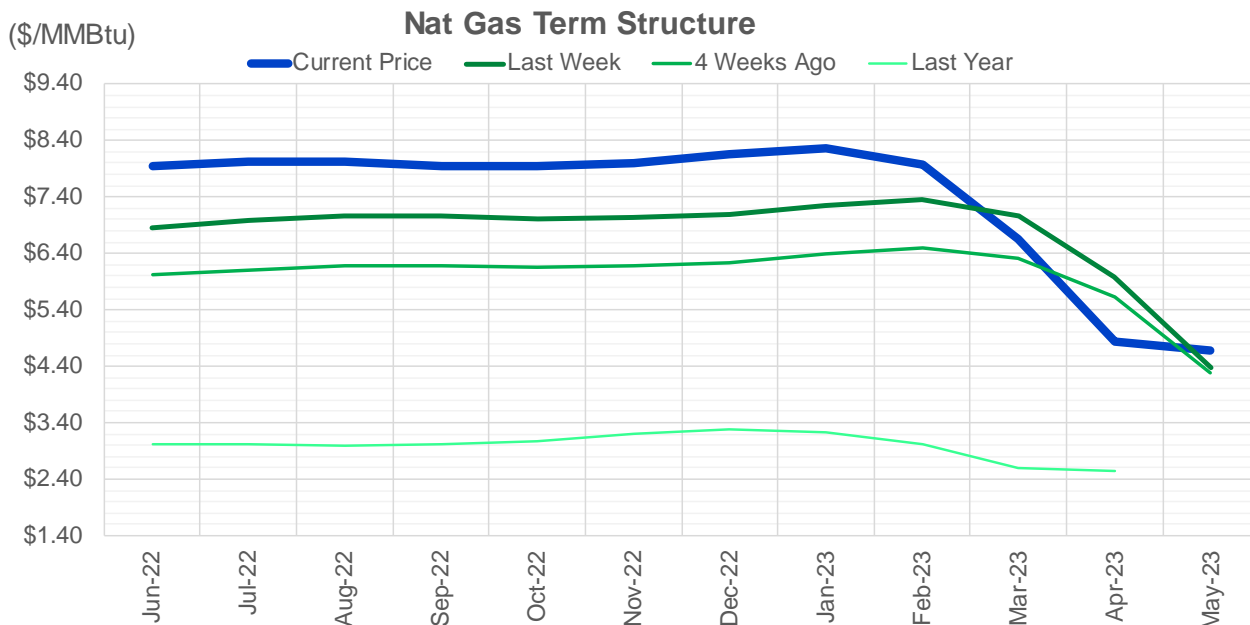
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
6	2022	C	10.00	11779	8	2022	C	10.00	51621
6	2022	C	9.50	8732	8	2022	C	10.50	44026
6	2022	P	7.00	7588	10	2022	C	6.00	34834
6	2022	P	6.25	6408	10	2022	C	5.00	25500
10	2022	C	11.00	4054	6	2022	C	6.00	25146
6	2022	P	4.00	4000	9	2022	C	6.00	23730
7	2022	C	10.00	3553	10	2022	P	3.00	21535
6	2022	P	4.50	3005	7	2022	C	8.00	20870
6	2022	C	9.00	2810	6	2022	C	10.00	20486
6	2022	C	8.00	2725	6	2022	P	4.00	20397
6	2022	P	6.50	2674	8	2022	C	6.00	19670
8	2022	C	10.00	2340	6	2022	C	7.00	19196
6	2022	P	6.00	2286	7	2022	C	6.00	19058
10	2022	P	5.00	2154	6	2022	P	6.00	18383
9	2022	C	10.00	2099	9	2022	C	10.00	18364
6	2022	C	8.50	1843	12	2022	C	5.00	18221
6	2022	C	12.00	1707	10	2022	P	3.50	18212
7	2022	C	8.00	1672	6	2022	P	4.75	18119
10	2022	C	8.00	1661	8	2022	C	7.00	18115
7	2022	P	6.00	1632	9	2022	C	7.00	17870
6	2022	C	11.00	1482	6	2022	C	5.00	17862
8	2022	C	8.00	1480	7	2022	C	10.00	17806
6	2022	P	8.00	1468	7	2022	C	7.00	17771
7	2022	P	7.00	1373	7	2022	P	3.25	17645
11	2022	C	9.00	1325	10	2022	P	2.50	17436
10	2022	C	9.00	1280	6	2022	P	3.00	17223
6	2022	P	5.50	1270	10	2022	P	4.00	16452
6	2022	P	7.50	1147	6	2022	P	5.50	16200
10	2022	C	10.00	1094	1	2023	C	10.00	15980
10	2022	C	8.50	1075	6	2022	P	3.50	15976
8	2022	C	10.50	1050	2	2023	C	10.00	15664
3	2023	C	10.00	1018	7	2022	P	5.00	15640
11	2022	P	6.00	1000	10	2022	P	6.00	15460
11	2022	P	7.00	1000	11	2022	P	4.00	15371
12	2022	P	6.00	1000	9	2022	P	2.50	15291
12	2022	P	7.00	1000	5	2023	P	2.00	15236
6	2022	P	7.20	960	8	2022	C	9.00	15234
10	2022	P	4.00	953	6	2022	C	9.00	15060
3	2023	C	9.00	925	9	2022	P	2.75	14933
8	2022	C	12.00	912	7	2022	P	3.50	14931
7	2022	C	12.00	811	10	2022	P	2.00	14664
7	2022	C	9.00	807	7	2022	P	3.00	14500
10	2022	P	3.00	795	8	2022	P	3.00	14453
8	2022	P	7.50	776	9	2022	P	3.00	14341
9	2022	C	7.00	771	6	2022	P	3.75	14279
10	2022	P	2.00	750	10	2022	P	3.25	14249
10	2022	P	2.50	750	10	2022	C	8.00	14017
11	2022	C	10.00	714	3	2023	C	10.00	13992
10	2022	P	2.80	664	12	2022	C	6.00	13951
					7	2022	C	9	13850.25

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
JUN 22	124286	123917	369	JUN 22	83746	83744	2
JUL 22	173115	168905	4210	JUL 22	74435	73916	519
AUG 22	58773	60673	-1900	AUG 22	61695	61984	-290
SEP 22	88981	88444	537	SEP 22	66549	66947	-399
OCT 22	98345	96267	2078	OCT 22	76746	78464	-1718
NOV 22	46230	45359	871	NOV 22	59170	58769	401
DEC 22	47573	47423	150	DEC 22	63202	62783	420
JAN 23	66423	64583	1840	JAN 23	65991	65862	129
FEB 23	26656	26122	534	FEB 23	55798	54349	1449
MAR 23	38987	38516	471	MAR 23	54797	54743	54
APR 23	59382	58628	754	APR 23	53036	52398	639
MAY 23	60316	59283	1033	MAY 23	49354	48420	934
JUN 23	22642	23522	-880	JUN 23	44302	44088	214
JUL 23	19541	19187	354	JUL 23	43644	43524	121
AUG 23	13788	13415	373	AUG 23	43465	43244	222
SEP 23	17987	17656	331	SEP 23	42842	42620	221
OCT 23	34122	33781	341	OCT 23	50109	50255	-145
NOV 23	12347	12359	-12	NOV 23	43299	43279	20
DEC 23	13548	13496	52	DEC 23	39560	39599	-39
JAN 24	20774	20466	308	JAN 24	37891	37435	457
FEB 24	5906	5969	-63	FEB 24	25498	25408	90
MAR 24	14819	15079	-260	MAR 24	30358	30355	3
APR 24	11135	11067	68	APR 24	25901	25740	161
MAY 24	6363	6409	-46	MAY 24	25455	25342	113
JUN 24	1862	1862	0	JUN 24	21943	21856	87
JUL 24	1948	1948	0	JUL 24	22043	21961	82
AUG 24	3144	3143	1	AUG 24	22156	22373	-218
SEP 24	1397	1398	-1	SEP 24	21544	21463	80
OCT 24	6661	6661	0	OCT 24	23921	23887	34
NOV 24	4844	4843	1	NOV 24	22306	22138	168





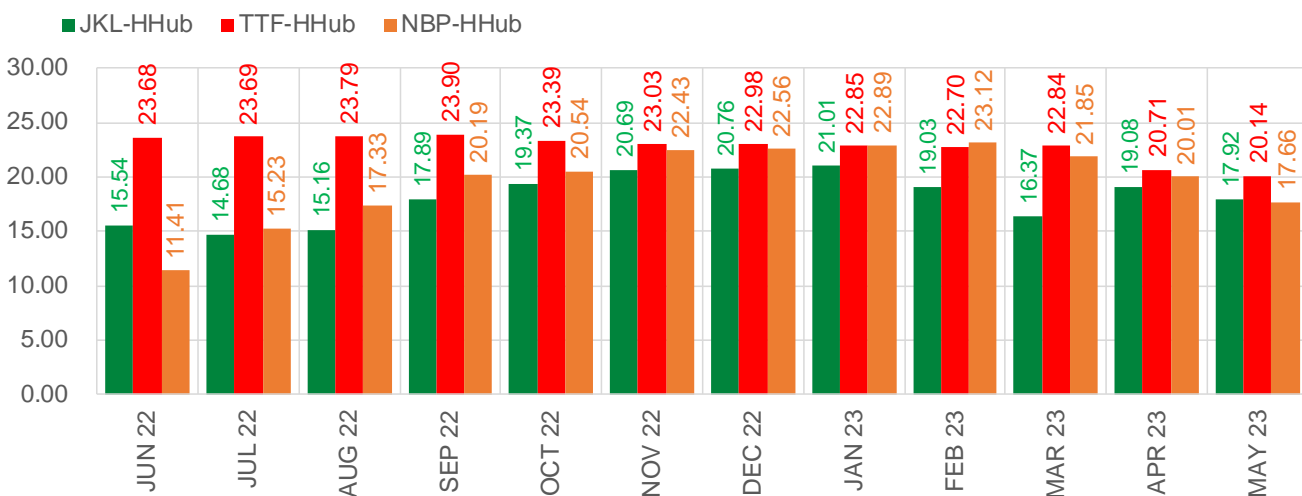
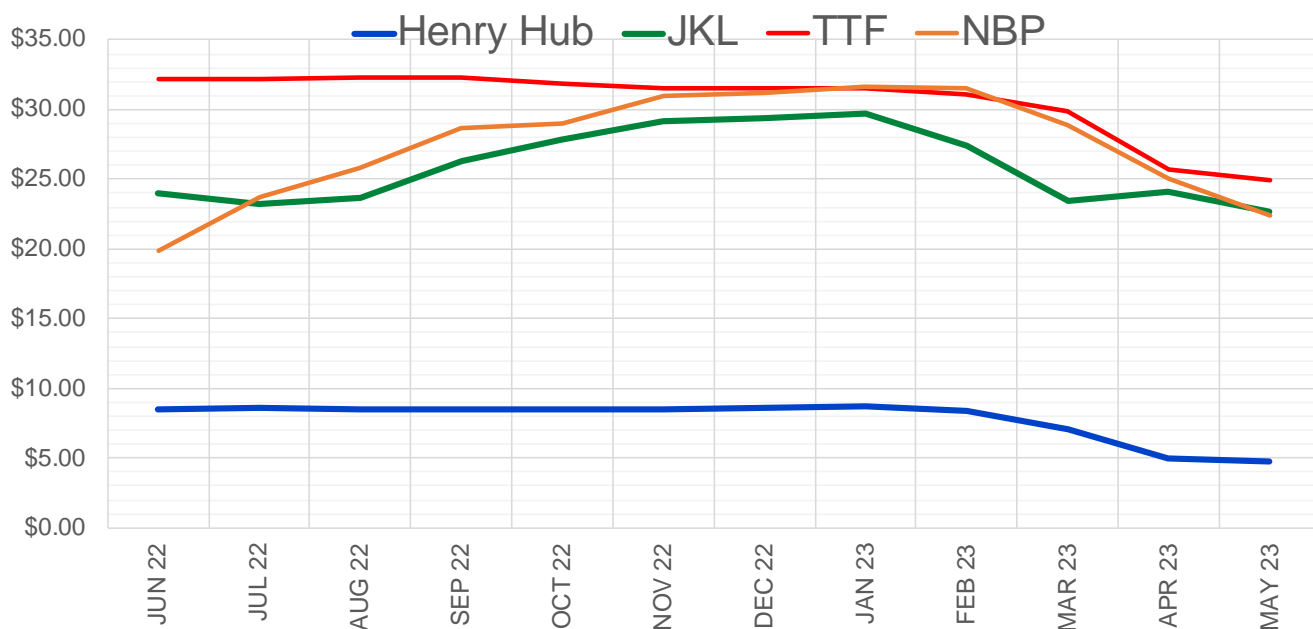
	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23
Current Price	\$7.954	\$8.025	\$8.015	\$7.956	\$7.951	\$8.012	\$8.154	\$8.256	\$7.965	\$6.664	\$4.849	\$4.668
Last Week	\$6.850	\$6.978	\$7.068	\$7.068	\$7.024	\$7.029	\$7.103	\$7.245	\$7.350	\$7.074	\$5.986	\$4.367
vs. Last Week	\$1.104	\$1.047	\$0.947	\$0.888	\$0.927	\$0.983	\$1.051	\$1.011	\$0.615	-\$0.410	-\$1.137	\$0.301
4 Weeks Ago	\$6.032	\$6.108	\$6.170	\$6.175	\$6.156	\$6.172	\$6.242	\$6.395	\$6.491	\$6.305	\$5.631	\$4.273
vs. 4 Weeks Ago	\$1.922	\$1.917	\$1.845	\$1.781	\$1.795	\$1.840	\$1.912	\$1.861	\$1.474	\$0.359	-\$0.782	\$0.395
Last Year	\$2.967	\$3.012	\$3.020	\$3.004	\$3.021	\$3.081	\$3.211	\$3.292	\$3.217	\$3.007	\$2.602	\$2.545
vs. Last Year	\$4.987	\$5.013	\$4.995	\$4.952	\$4.930	\$4.931	\$4.943	\$4.964	\$4.748	\$3.657	\$2.247	\$2.123

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	8.70	6.77	-1.93
TETCO M3	\$/MMBtu	7.48	6.56	-0.92
FGT Zone 3	\$/MMBtu	7.58	7.32	-0.27
Zone 6 NY	\$/MMBtu	7.58	6.58	-1.00
Chicago Citygate	\$/MMBtu	8.19	7.14	-1.05
Michcon	\$/MMBtu	8.16	7.09	-1.07
Columbia TCO Pool	\$/MMBtu	7.69	6.61	-1.08
Ventura	\$/MMBtu	8.03	6.95	-1.08
Rockies/Opal	\$/MMBtu	7.90	6.81	-1.09
El Paso Permian Basin	\$/MMBtu	7.75	6.44	-1.32
Socal Citygate	\$/MMBtu	8.60	7.06	-1.54
Malin	\$/MMBtu	7.90	6.93	-0.97
Houston Ship Channel	\$/MMBtu	8.24	7.10	-1.14
Henry Hub Cash	\$/MMBtu	8.29	6.91	-1.38
AECO Cash	C\$/GJ	6.89	5.42	-1.47
Station2 Cash	C\$/GJ	6.82	6.63	-0.19
Dawn Cash	C\$/GJ	8.12	7.12	-1.00

Source: CME, Bloomberg

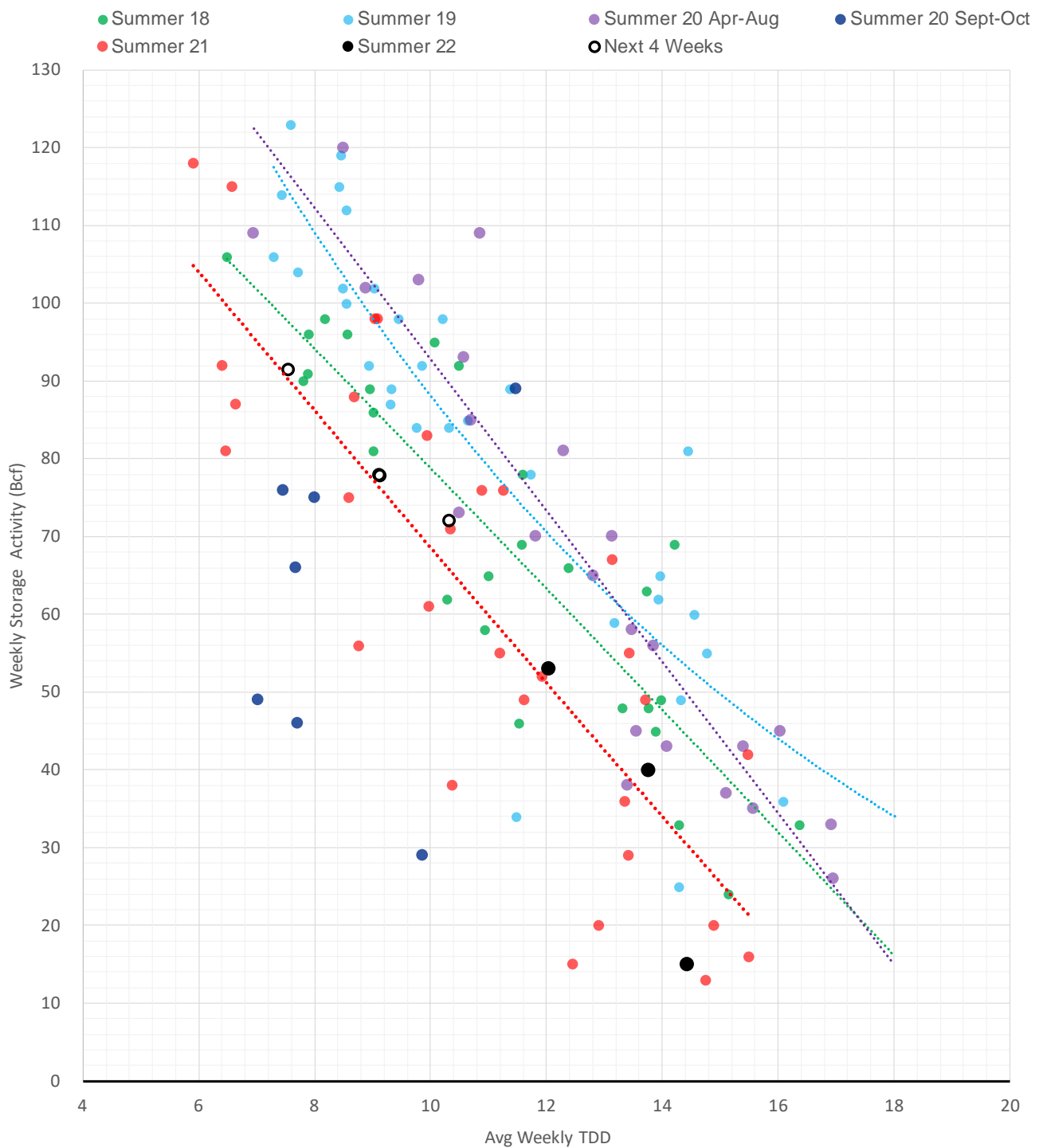
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.211
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.300
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.086
NatGas Apr22/Oct22	\$/MMBtu	3.071	▲ 1.020	▲ 2.230	▲ 3.047
WTI Crude	\$/Bbl	107.81	▲ 5.790	▲ 11.580	▲ 42.180
Brent Crude	\$/Bbl	110.14	▲ 4.820	▲ 9.070	▲ 41.180
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	419.70	▼ -47.730	▲ 85.180	▲ 219.450
Propane, Mt. Bel	cents/Gallon	1.28	▼ -0.028	▼ -0.012	▲ 0.459
Ethane, Mt. Bel	cents/Gallon	0.62	▲ 0.107	▲ 0.139	▲ 0.359
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)



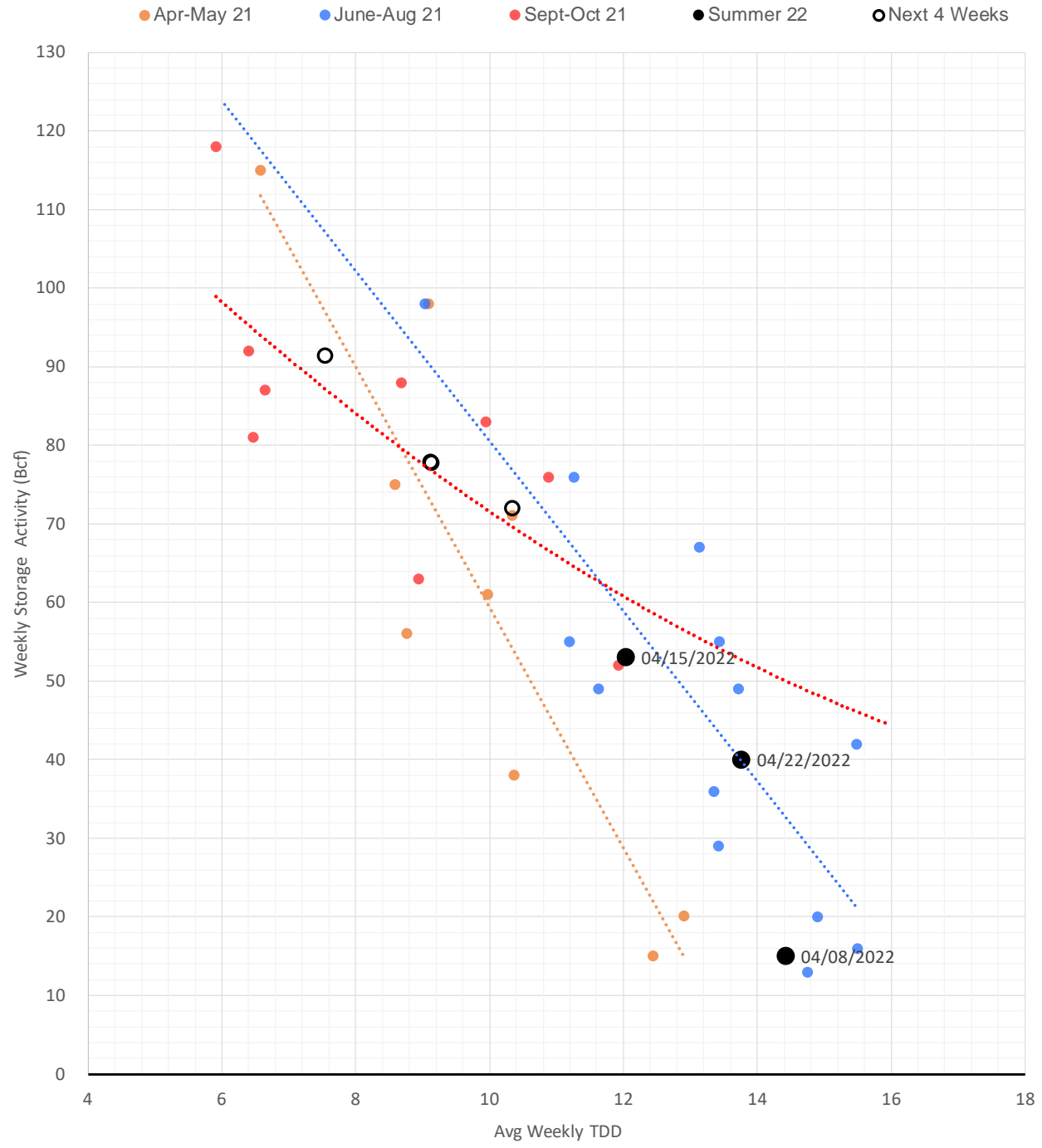
	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23
Henry Hub	\$8.499	\$8.550	\$8.531	\$8.442	\$8.459	\$8.500	\$8.601	\$8.706	\$8.403	\$7.035	\$4.995	\$4.795
JKL	\$24.040	\$23.225	\$23.695	\$26.330	\$27.825	\$29.185	\$29.365	\$29.715	\$27.435	\$23.405	\$24.070	\$22.715
JKL-HHub	\$15.541	\$14.675	\$15.164	\$17.888	\$19.366	\$20.685	\$20.764	\$21.009	\$19.032	\$16.370	\$19.075	\$17.920
TTF	\$32.179	\$32.241	\$32.318	\$32.340	\$31.853	\$31.525	\$31.585	\$31.558	\$31.103	\$29.871	\$25.703	\$24.931
TTF-HHub	\$23.680	\$23.691	\$23.787	\$23.898	\$23.394	\$23.025	\$22.984	\$22.852	\$22.700	\$22.836	\$20.708	\$20.136
NBP	\$19.904	\$23.775	\$25.864	\$28.633	\$28.999	\$30.932	\$31.156	\$31.598	\$31.525	\$28.885	\$25.009	\$22.454
NBP-HHub	\$11.405	\$15.225	\$17.333	\$20.191	\$20.540	\$22.432	\$22.555	\$22.892	\$23.122	\$21.850	\$20.014	\$17.659

Weather Storage Model - Next 4 Week Forecast



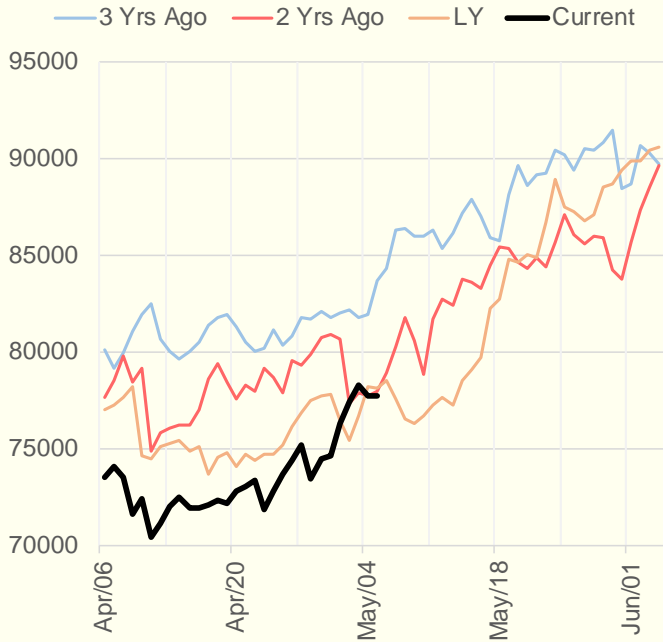
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Weather Storage Model for Summer 2021 & 2022

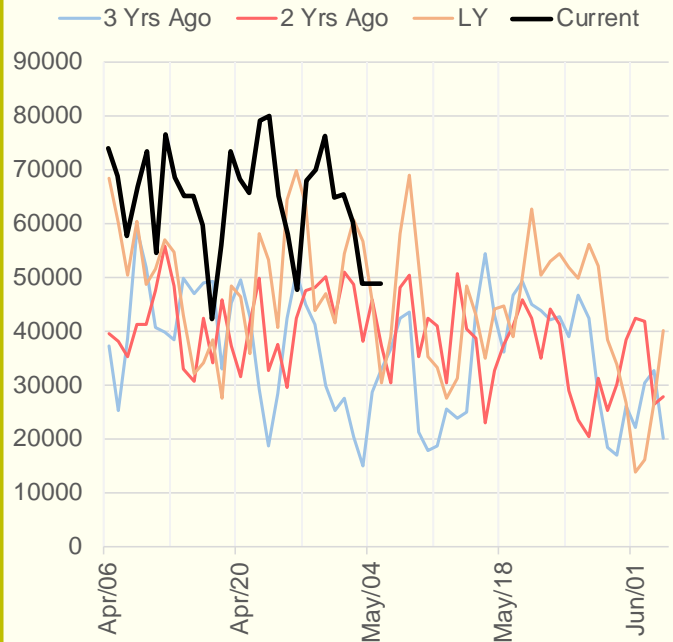


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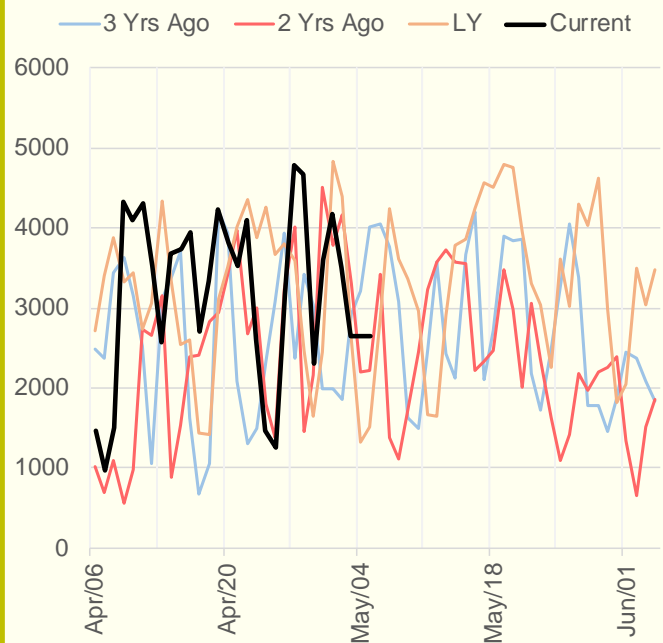
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

