

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 5.59	▼ \$ (0.05)	▲ \$ 0.05

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 98.74	▼ \$ (1.54)	▼ \$ (9.8)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 103.42	▼ \$ (4.49)	▼ \$ (11.7)

Page Menu

[Short-term Weather Model Outlooks](#)

[Lower 48 Component Models](#)

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

[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

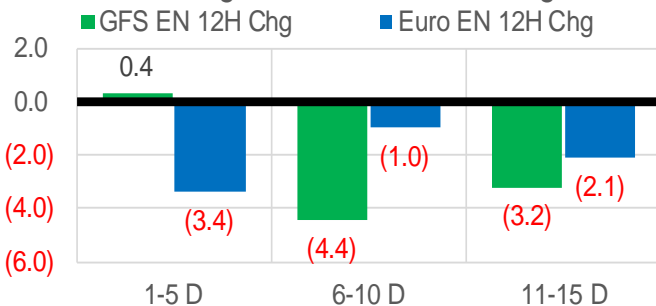
[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

[Price Summary](#)

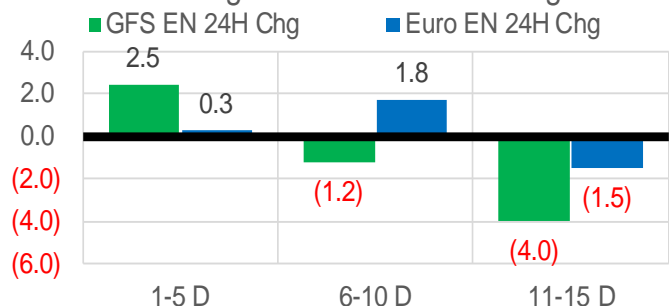
Vs. 12H Ago

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	95.0	▼ -1.39	▼ -0.95

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	26.1	▼ -1.28	▼ -0.80

	Current	Δ from YD	Δ from 7D Avg
US ResComm	26.7	▲ 2.01	▼ -3.03

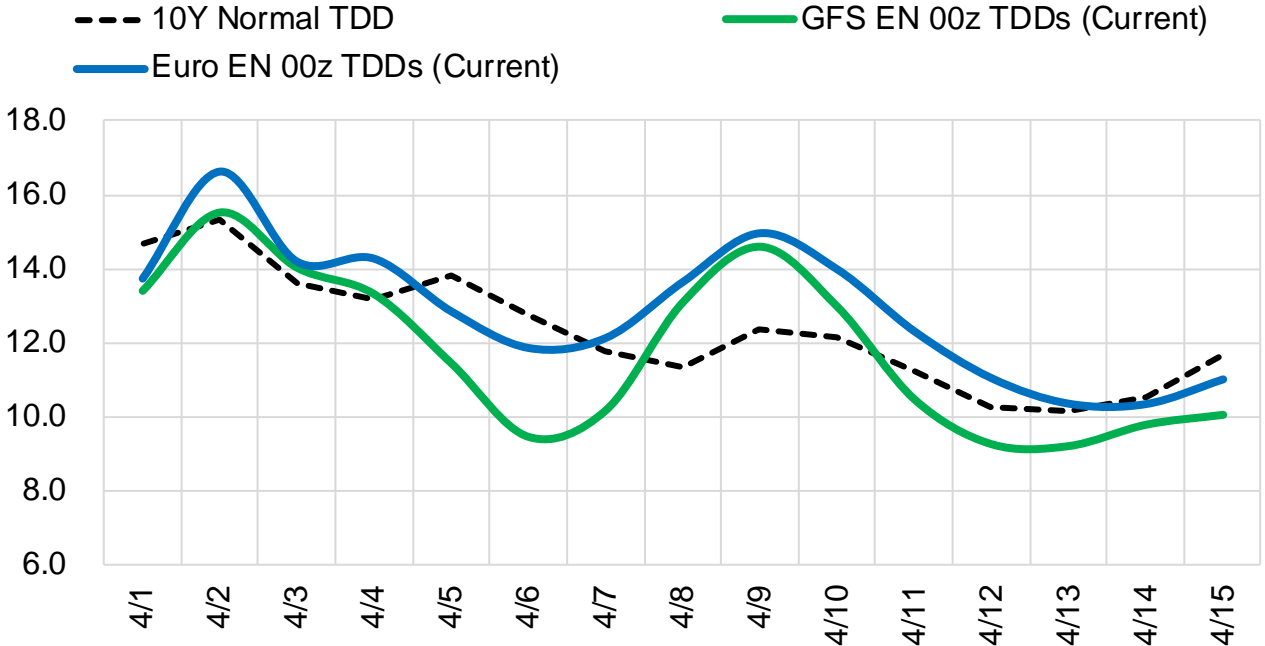
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.0	▲ 0.65	▲ 0.30

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	13.3	▼ -0.08	▲ 0.16

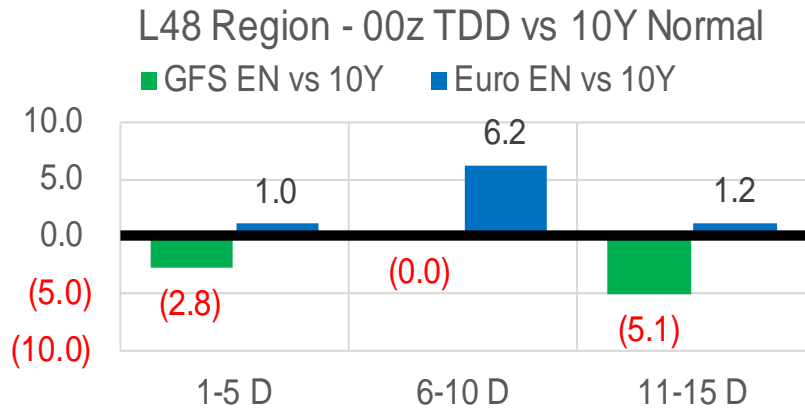
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.2	▼ -0.10	▼ -0.13

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	26-Mar	27-Mar	28-Mar	29-Mar	30-Mar	31-Mar	1-Apr	DoD	vs. 7D
Lower 48 Dry Production	95.6	95.8	96.2	95.7	96.5	96.3	95.0	▼ -1.4	▼ -1.1
Canadian Imports	5.4	6.0	6.4	6.1	5.6	5.3	6.0	▲ 0.6	▲ 0.2
L48 Power	25.4	27.2	27.9	27.4	27.0	27.3	26.1	▼ -1.3	▼ -1.0
L48 Residential & Commercial	28.8	33.9	36.9	33.0	25.4	24.7	26.7	▲ 2.0	▼ -3.8
L48 Industrial	22.4	23.0	23.1	22.6	21.9	21.8	21.7	▼ -0.2	▼ -0.8
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.2	5.3	5.2	5.2	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	2.8	3.2	3.4	3.1	2.7	2.7	2.9	▲ 0.2	▼ -0.1
L48 Regional Gas Consumption	84.6	92.6	96.5	91.3	82.3	81.8	82.5	▲ 0.7	▼ -5.7
Net LNG Delivered	13.40	13.41	13.21	11.93	12.95	13.34	13.26	▼ -0.1	▲ 0.2
Total Mexican Exports	6.3	6.0	6.3	6.6	6.2	6.3	6.2	▼ -0.1	▼ -0.1
Implied Daily Storage Activity	-3.3	-10.2	-13.4	-8.1	0.7	0.3	-1.0		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	1-Apr	WoW	vs. 4W
Lower 48 Dry Production	94.3	94.2	94.8	93.9	95.4	95.9	▲ 0.5	▲ 1.4
Canadian Imports	6.4	5.9	5.2	5.2	4.8	5.7	▲ 0.9	▲ 0.4
L48 Power	28.7	29.4	27.6	27.3	25.6	26.9	▲ 1.3	▼ -0.6
L48 Residential & Commercial	41.1	38.1	33.2	31.5	23.5	29.7	▲ 6.3	▼ -1.8
L48 Industrial	25.3	23.1	22.7	20.6	20.7	20.1	▼ -0.6	▼ -1.7
L48 Lease and Plant Fuel	5.2	5.1	5.2	5.1	5.2	5.2	▲ 0.0	▲ 0.1
L48 Pipeline Distribution	3.3	3.3	3.2	3.1	2.6	2.9	▲ 0.4	▼ -0.1
L48 Regional Gas Consumption	103.5	99.0	91.8	87.6	77.5	84.9	▲ 7.4	▼ -4.1
Net LNG Exports	11.7	12.5	12.8	12.9	13.0	13.1	▲ 0.1	▲ 0.3
Total Mexican Exports	6.1	6.4	6.6	6.6	6.5	6.3	▼ -0.2	▼ -0.2
Implied Daily Storage Activity	-20.6	-17.9	-11.2	-7.9	3.2	-2.7	-5.9	
EIA Reported Daily Storage Activity	-19.9	-17.7	-11.3	-7.3	3.7			
Daily Model Error	-0.8	-0.2	0.1	-0.7	-0.5			

Monthly Balances

	2Yr Ago Apr-20	LY Apr-21	Nov-21	Dec-21	Jan-22	Feb-22	MTD Mar-22	MoM	vs. LY
Lower 48 Dry Production	92.7	92.5	95.6	96.0	93.5	93.5	95.0	▲ 1.4	▲ 2.5
Canadian Imports	4.0	4.7	5.3	4.8	6.7	6.6	5.2	▼ -1.4	▲ 0.6
L48 Power	25.6	25.0	29.2	28.7	31.4	29.0	26.9	▼ -2.1	▲ 1.9
L48 Residential & Commercial	20.5	19.6	28.0	33.9	48.6	42.7	29.6	▼ -13.2	▲ 10.0
L48 Industrial	20.4	21.4	23.2	22.5	25.4	25.2	21.6	▼ -3.5	▲ 0.3
L48 Lease and Plant Fuel	5.0	5.0	5.3	5.3	5.1	5.1	5.2	▲ 0.1	▲ 0.1
L48 Pipeline Distribution	2.4	2.5	2.9	3.2	3.8	3.4	2.9	▼ -0.4	▲ 0.5
L48 Regional Gas Consumption	74.0	73.5	88.6	93.6	114.3	105.3	86.2	▼ -19.1	▲ 12.7
Net LNG Exports	8.2	11.5	11.4	12.1	12.4	12.4	12.9	▲ 0.5	▲ 1.4
Total Mexican Exports	4.8	6.7	6.1	6.2	6.3	6.2	6.5	▲ 0.3	▼ -0.2
Implied Daily Storage Activity	9.7	5.5	-5.3	-11.0	-32.8	-23.8	-5.4		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar	29-Mar	30-Mar	DoD	vs. 7D
NRC Nuclear Daily Output	80.9	80.6	80.1	79.5	78.9	78.4	79.1	0.7	-0.6
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	24.0	24.3	24.8	25.4	26.0	26.5	25.8	-0.7	0.6
NRC % Nuclear Cap Utilization	82.3	82.0	81.4	80.9	80.2	79.7	80.4	0.7	-0.6

Wind Generation Daily Average - MWh (EIA)

	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar	29-Mar	30-Mar	DoD	vs. 7D
CALI Wind	1315	1334	1721	2509	2184	4353	3257	-1096	1021
TEXAS Wind	9982	6543	11232	17889	19121	23399	17439	-5961	2744
US Wind	47198	47623	53363	55353	61756	84024	77917	-6107	19698

Generation Daily Average - MWh (EIA)

	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar	29-Mar	30-Mar	DoD	vs. 7D
US Wind	47198	47623	53363	55353	61756	84024	77917	-6107	19698
US Solar	13701	16293	16694	16513	13367	13004	12779	-225	-2150
US Petroleum	994	966	914	952	1148	1411	1089	-322	25
US Other	7691	7532	7061	6950	7638	7361	7090	-271	-282
US Coal	80551	77738	75201	77220	84131	75790	74208	-1582	-4231
US Nuke	84681	84650	84066	83667	83307	82890	83107	217	-770
US Hydro	33631	34988	31592	30215	35483	34295	33966	-329	599
US Gas	144936	137138	121121	122876	145908	136267	132851	-3416	-1857

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	1-Apr	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	86.9	85.8	82.3	80.9	80.9	79.3	-1.6	0.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	18.0	19.1	22.5	23.9	24.0	25.5	1.6	
NRC % Nuclear Cap Utilization	88.3	87.2	83.7	82.3	82.3	80.7	-1.6	

Wind Generation Weekly Average - MWh (EIA)

	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	1-Apr	WoW	WoW Bcf/d Impact
CALI Wind	2049	815	2602	2297	2037	2659	623	-0.1
TEXAS Wind	13068	6269	14469	17742	16108	16152	44	0.0
US Wind	60313	36019	56828	63171	62107	65422	3315	-0.6
							5%	
						0.0		

Generation Weekly Average - MWh (EIA)

	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	1-Apr	WoW	WoW Bcf/d Impact
US Wind	60313	36019	56828	63171	62107	65422	3315	-0.6
US Solar	11899	13922	12600	13807	13632	14490	858	-0.2
US Petroleum	2961	3130	1742	961	864	1081	217	0.0
US Other	8211	7512	6628	7113	7699	7246	-453	0.1
US Coal	99888	103399	86717	86035	72503	76928	4425	-0.8
US Nuke	91458	90157	86449	84775	84027	83542	-485	0.1
US Hydro	33214	32196	34570	34871	33229	33501	272	0.0
US Gas	147276	158688	140400	137079	124732	132716	7984	1.4

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	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Dec-21	Jan-22	Feb-22	Mar-22			
	NRC Nuclear Daily Output	82.0	81.3	90.3	90.2	87.6			
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	22.9	23.6	14.6	14.7	17.3	18.4	24.0	1.1	0.4
NRC % Nuclear Cap Utilization	83.4	82.7	91.8	91.7	89.0	87.9	82.3	-1.1	-0.4

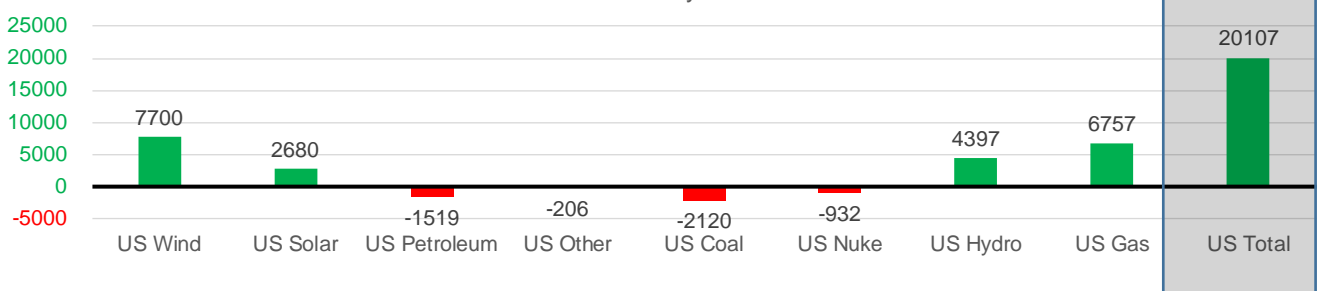
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Dec-21	Jan-22	Feb-22	Mar-22			
	CALI Wind	1534	2381	1482	1244	1559			
TEXAS Wind	10066	14344	12927	11355	12294	5808	15913	-6486	1570
US Wind	38892	54095	54708	51045	56539	33489	61796	-23050	7700

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	Dec-21	Jan-22	Feb-22	Mar-22			
	US Wind	38892	54095	54708	51045	56539			
US Solar	7585	10933	7375	9476	12088	14481	13613	▼-867.8	▲ 2680
US Petroleum	3272	2740	3135	5021	3451	3062	1221	▼-1842	▼-1519
US Other	7200	7349	8222	8792	8832	6846	7143	▲ 297	▼-206
US Coal	67340	82843	81462	117971	106588	101999	80723	▼-21275	▼-2120
US Nuke	84364	85713	95449	95259	92280	90774	84781	▼-5993	▼-932
US Hydro	32015	29634	30824	34040	32213	31542	34031	▲ 2489	▲ 4397
US Gas	151957	127234	152639	164024	152058	154087	133991	▲ 1116	▲ 6757
US Total	390888	399072	433931	485812	464578	436675	419179	▼-26075	▲ 20107

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Regional S/D Models Storage Projection

Week Ending 1-Apr

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-2.3	0.1	-2.1	-15
East	-5.9	1.8	-4.0	-28
Midwest	-1.9	-0.8	-2.7	-19
Mountain	3.6	-3.2	0.4	3
South Central	1.4	2.0	3.4	24
Pacific	0.5	0.2	0.8	5

*Adjustment Factor is calculated based on historical regional deltas

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

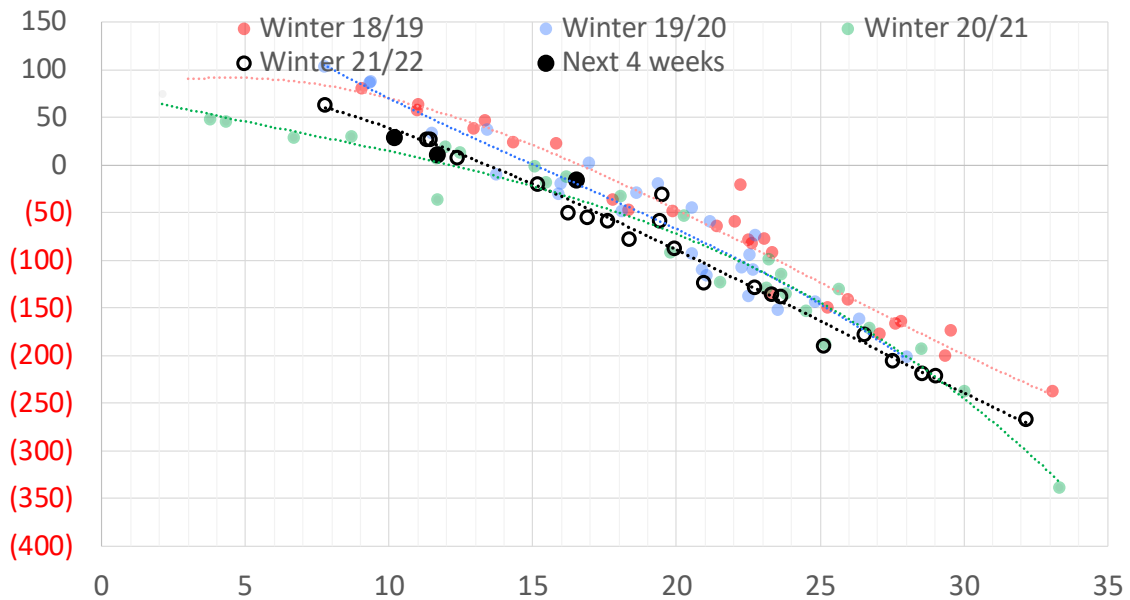


Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
01-Apr	17	-15
08-Apr	12	12
15-Apr	10	29
22-Apr	#N/A	#N/A

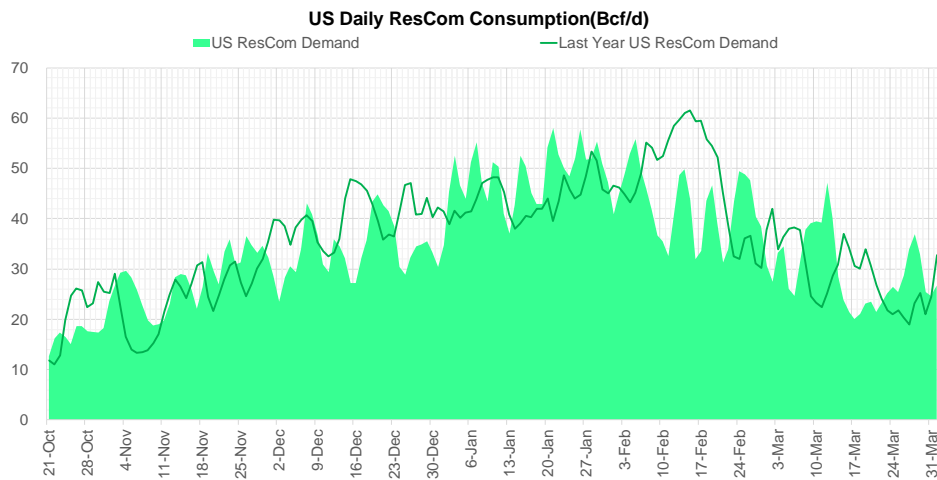
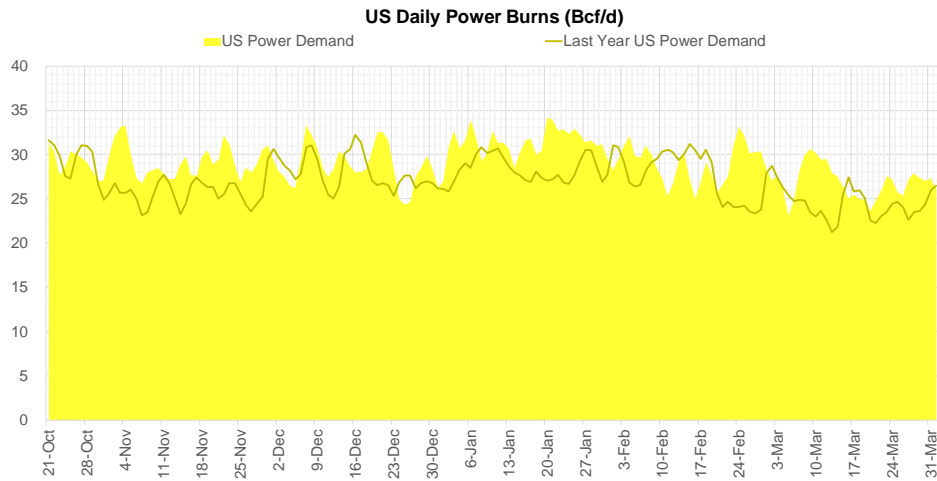
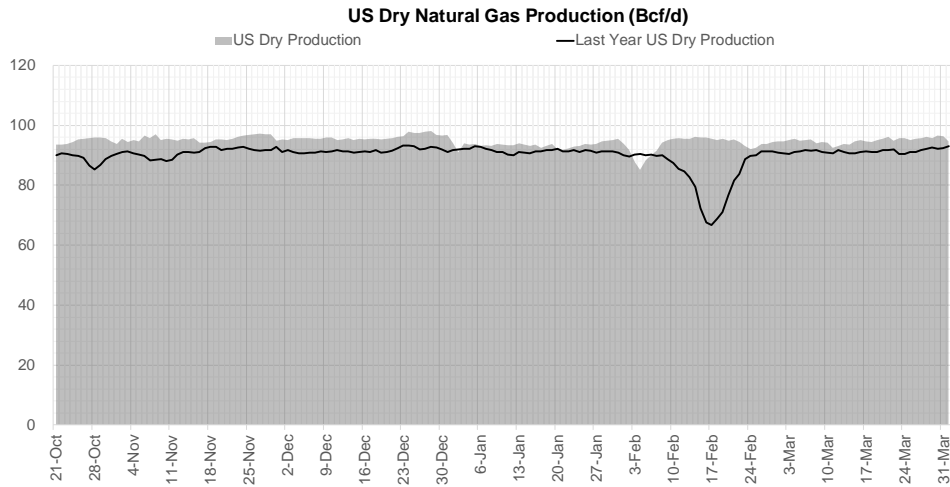
Weather Storage Model - Next 4 Week Forecast



Go to larger image



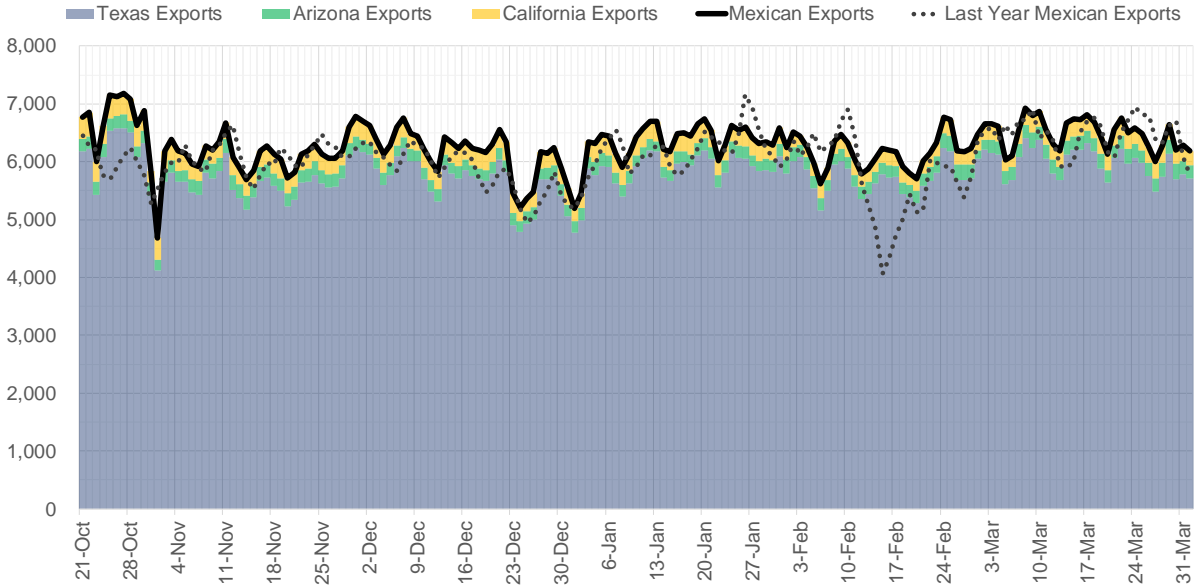
Supply – Demand Trends



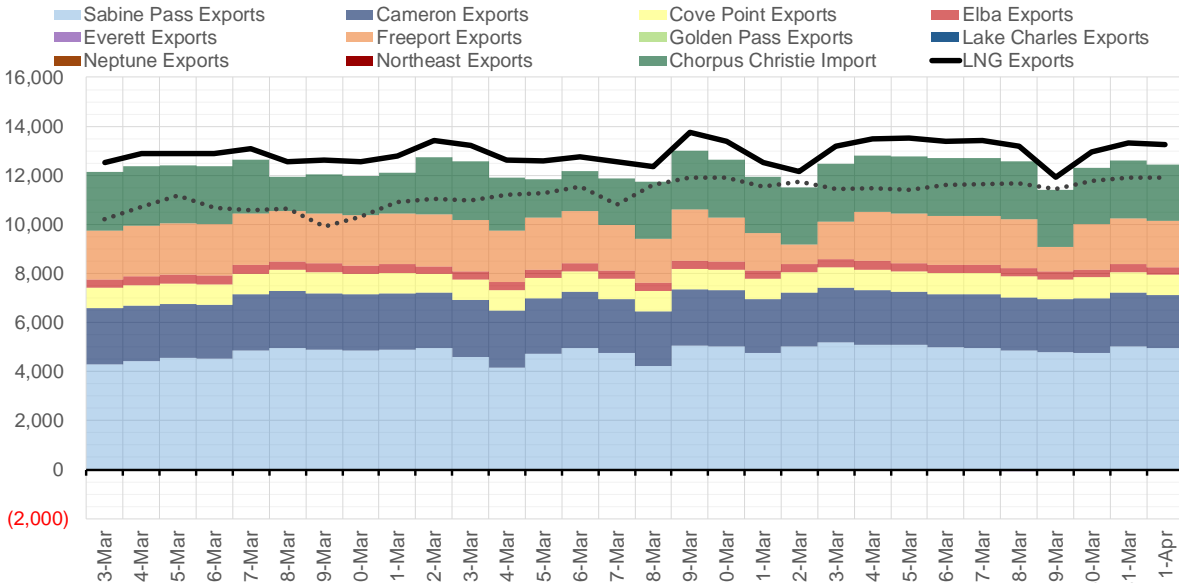
Source: Bloomberg

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

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.

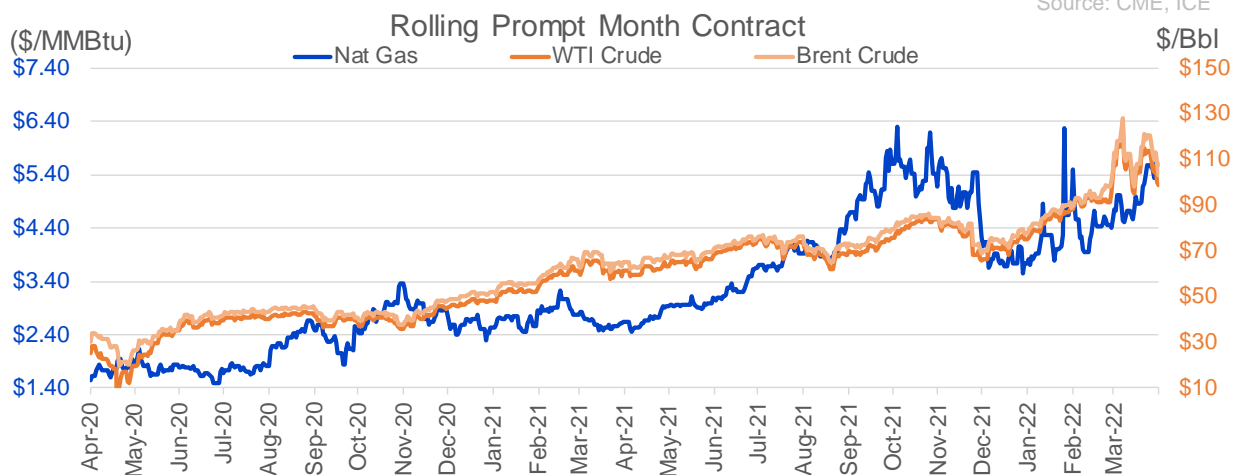
Nat Gas Options Volume and Open Interest CME and ICE Combined

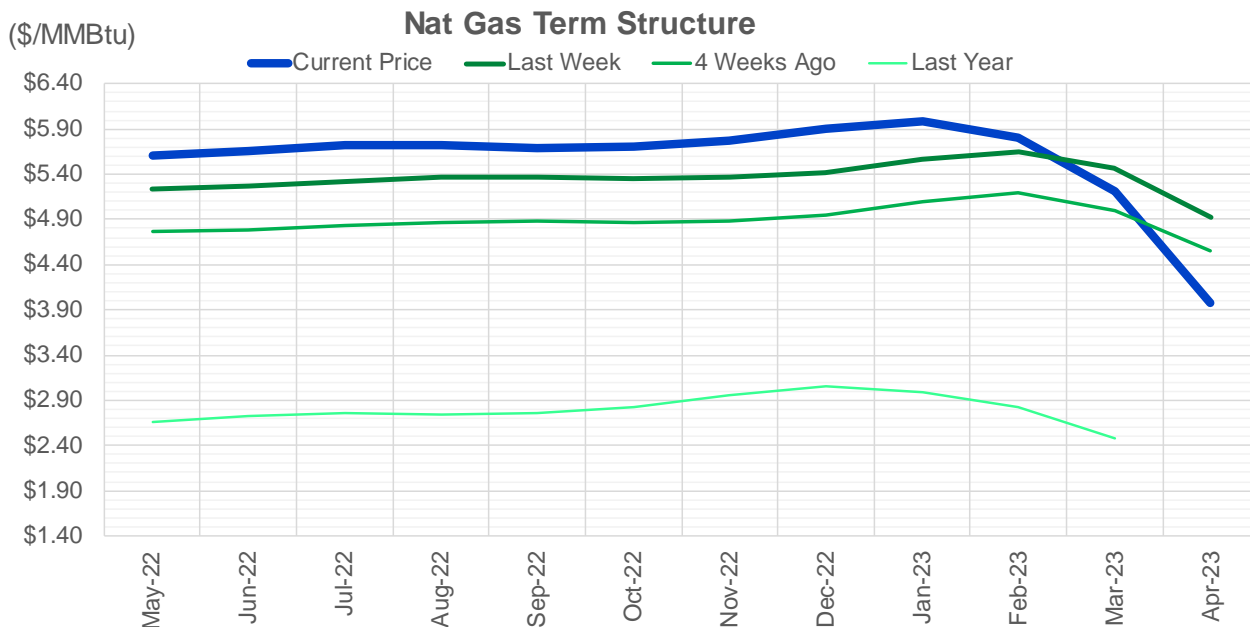
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
8	2022	C	10.00	31507	10	2022	C	6.00	28778
8	2022	C	10.50	31382	10	2022	C	5.00	27711
5	2022	C	8.00	8410	5	2022	P	4.00	27227
6	2022	C	8.00	6362	5	2022	C	6.00	25213
5	2022	C	7.00	5988	9	2022	C	6.00	23487
5	2022	C	6.00	5058	5	2022	P	3.00	22661
6	2022	P	4.00	3837	6	2022	C	6.00	22618
5	2022	P	5.00	3369	8	2022	C	6.00	21969
6	2022	C	10.00	3065	5	2022	C	5.00	21857
6	2022	C	7.00	2812	5	2022	P	4.50	20999
5	2022	C	6.50	2771	10	2022	P	3.00	20826
6	2022	P	3.75	2622	5	2022	P	2.50	19874
5	2022	P	5.50	2542	7	2022	C	6.00	19785
10	2022	P	5.00	2060	6	2022	P	4.00	19758
6	2022	P	4.50	1842	5	2022	C	7.00	19308
6	2022	P	5.00	1756	5	2022	P	3.50	18138
6	2022	P	5.50	1668	6	2022	C	5.00	17822
5	2022	C	7.50	1564	12	2022	C	5.00	17768
5	2022	P	5.25	1563	5	2022	P	2.75	17685
5	2022	P	4.50	1558	7	2022	P	3.25	17514
7	2022	P	5.00	1547	10	2022	P	2.50	17361
7	2022	P	5.50	1547	6	2022	P	3.00	17220
5	2022	C	6.25	1474	8	2022	C	7.00	17028
12	2022	C	8.00	1360	9	2022	C	7.00	16267
12	2022	C	10.00	1355	10	2022	P	4.00	16104
6	2022	C	6.50	1277	5	2022	P	3.75	16065
10	2022	C	6.00	1187	6	2022	P	3.50	15950
5	2022	C	7.75	1076	1	2023	C	6.00	15769
5	2022	C	7.25	1058	9	2022	P	2.50	15366
5	2022	C	6.10	1003	1	2023	C	5.00	15340
8	2022	C	6.00	936	10	2022	C	7.00	15336
5	2022	C	5.75	925	9	2022	P	2.75	14933
5	2022	C	5.50	905	10	2022	P	3.50	14648
8	2022	P	5.00	831	10	2022	P	2.00	14575
4	2023	P	3.00	825	7	2022	P	3.50	14531
5	2023	P	3.00	825	12	2022	C	6.00	14495
6	2023	P	3.00	825	6	2022	P	3.75	14327
7	2023	P	3.00	825	6	2022	C	7.00	14308
8	2023	P	3.00	825	8	2022	P	3.00	14172
9	2023	P	3.00	825	7	2022	P	3.00	13763
10	2023	P	3.00	825	5	2022	C	3.00	13733
9	2022	P	5.00	802	7	2022	C	5.00	13727
7	2022	C	5.75	800	6	2022	P	3.25	13517
5	2022	C	6.75	789	6	2022	C	3.00	13438
10	2022	P	4.50	774	6	2022	C	4.50	13371
2	2023	C	6.25	760	5	2022	C	4.00	13259
2	2023	C	7.25	760	7	2022	C	3.00	13231
5	2022	C	5.00	729	8	2022	C	3.00	13226
4	2023	C	6.00	725	9	2022	C	3.00	13225
					9	2022	P	3	13114

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	233959	235066	-1107	MAY 22	84922	85696	-774
JUN 22	76390	75397	993	JUN 22	68624	69483	-859
JUL 22	102873	101045	1828	JUL 22	68673	68425	249
AUG 22	46312	47880	-1568	AUG 22	60176	60289	-114
SEP 22	74750	76289	-1539	SEP 22	64960	64913	47
OCT 22	79995	79417	578	OCT 22	72471	71609	862
NOV 22	44197	43471	726	NOV 22	53298	53166	132
DEC 22	47040	47023	17	DEC 22	59194	59782	-588
JAN 23	65965	64381	1584	JAN 23	67289	66749	541
FEB 23	20318	20664	-346	FEB 23	46470	46316	154
MAR 23	41138	39957	1181	MAR 23	51838	51694	144
APR 23	50743	49257	1486	APR 23	50642	50544	98
MAY 23	28900	28293	607	MAY 23	44796	44859	-63
JUN 23	17101	17143	-42	JUN 23	41532	41505	27
JUL 23	14356	14176	180	JUL 23	40927	40908	19
AUG 23	10961	11063	-102	AUG 23	40546	40531	16
SEP 23	14725	14376	349	SEP 23	40375	40363	12
OCT 23	30799	29218	1581	OCT 23	44822	44816	6
NOV 23	11563	11323	240	NOV 23	41294	41296	-2
DEC 23	13694	14106	-412	DEC 23	36604	36497	107
JAN 24	20258	19665	593	JAN 24	33304	33165	140
FEB 24	4559	4462	97	FEB 24	23457	23364	94
MAR 24	15227	15002	225	MAR 24	29387	29010	377
APR 24	10629	9285	1344	APR 24	22171	21851	320
MAY 24	2514	2386	128	MAY 24	20841	20768	73
JUN 24	1646	1303	343	JUN 24	20989	20714	275
JUL 24	1637	1491	146	JUL 24	21703	21287	416
AUG 24	2978	2859	119	AUG 24	21869	21453	416
SEP 24	1322	1198	124	SEP 24	20437	20235	202
OCT 24	6595	6071	524	OCT 24	22307	22175	132





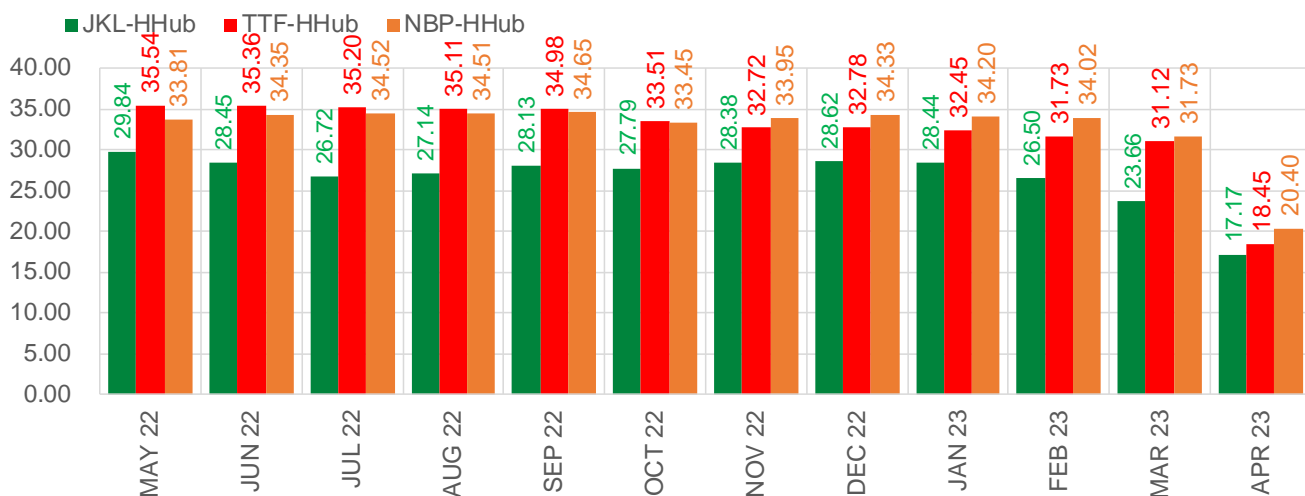
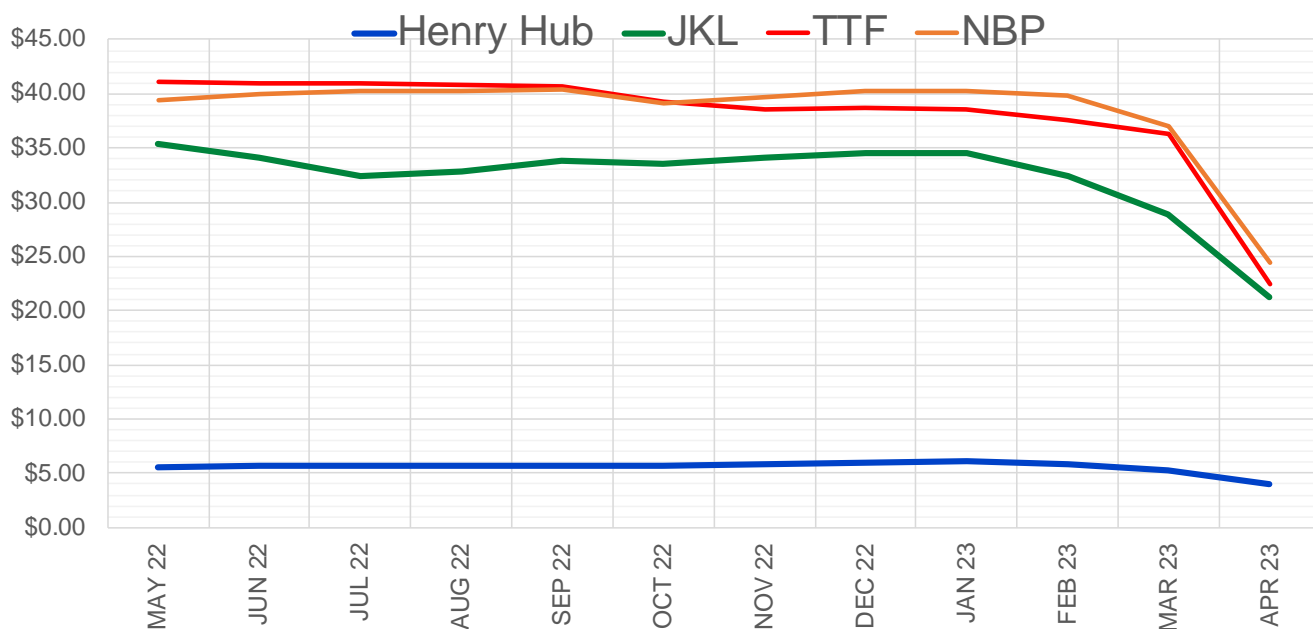
	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Current Price	\$5.605	\$5.658	\$5.714	\$5.717	\$5.695	\$5.702	\$5.766	\$5.903	\$5.992	\$5.808	\$5.204	\$3.970
Last Week	\$5.232	\$5.274	\$5.316	\$5.366	\$5.371	\$5.350	\$5.362	\$5.423	\$5.562	\$5.653	\$5.474	\$4.925
vs. Last Week	\$0.373	\$0.384	\$0.398	\$0.351	\$0.324	\$0.352	\$0.404	\$0.480	\$0.430	\$0.155	-\$0.270	-\$0.955
4 Weeks Ago	\$4.762	\$4.787	\$4.826	\$4.874	\$4.880	\$4.859	\$4.879	\$4.953	\$5.102	\$5.199	\$5.001	\$4.561
vs. 4 Weeks Ago	\$0.843	\$0.871	\$0.888	\$0.843	\$0.815	\$0.843	\$0.887	\$0.950	\$0.890	\$0.609	\$0.203	-\$0.591
Last Year	\$2.608	\$2.667	\$2.732	\$2.753	\$2.740	\$2.755	\$2.830	\$2.961	\$3.049	\$2.992	\$2.818	\$2.483
vs. Last Year	\$2.997	\$2.991	\$2.982	\$2.964	\$2.955	\$2.947	\$2.936	\$2.942	\$2.943	\$2.816	\$2.386	\$1.487

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	5.35	5.14	-0.21
TETCO M3	\$/MMBtu	5.34	4.59	-0.75
FGT Zone 3	\$/MMBtu	5.32	5.41	0.09
Zone 6 NY	\$/MMBtu	5.32	4.53	-0.79
Chicago Citygate	\$/MMBtu	5.37	5.12	-0.25
Michcon	\$/MMBtu	5.41	5.19	-0.23
Columbia TCO Pool	\$/MMBtu	5.27	4.68	-0.59
Ventura	\$/MMBtu	4.89	4.99	0.10
Rockies/Opal	\$/MMBtu	5.25	4.83	-0.42
El Paso Permian Basin	\$/MMBtu	4.95	4.54	-0.41
Socal Citygate	\$/MMBtu	5.25	4.87	-0.38
Malin	\$/MMBtu	4.78	4.89	0.11
Houston Ship Channel	\$/MMBtu	5.33	5.06	-0.27
Henry Hub Cash	\$/MMBtu	5.49	5.01	-0.48
AECO Cash	C\$/GJ	4.46	4.01	-0.45
Station2 Cash	C\$/GJ	4.40	4.65	0.25
Dawn Cash	C\$/GJ	5.38	5.21	-0.17

Source: CME, Bloomberg

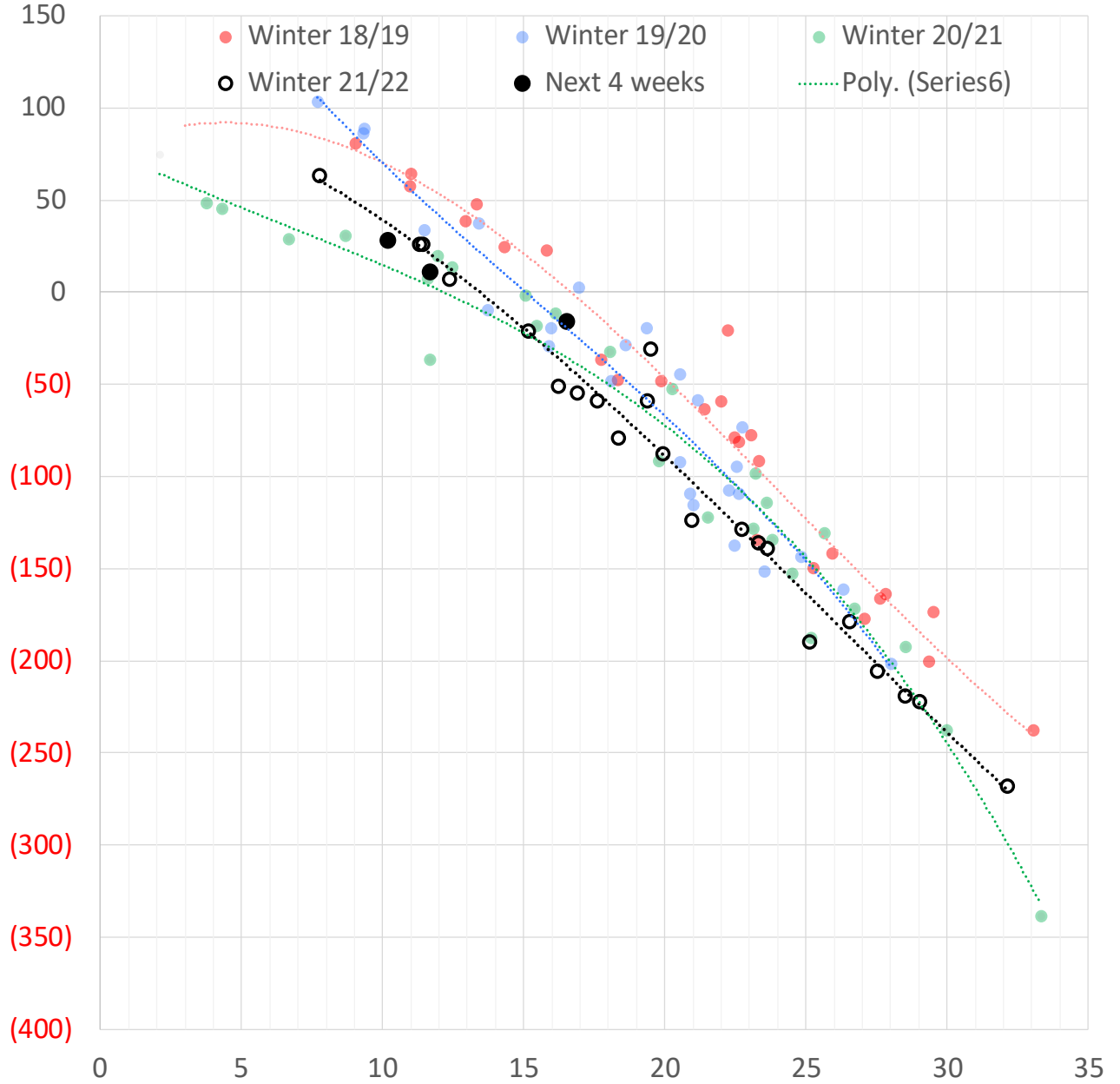
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.202
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.289
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.104
NatGas Apr22/Oct22	\$/MMBtu	0.404	▲ 0.276	▲ 0.303	▲ 0.364
WTI Crude	\$/Bbl	100.28	▼ -12.060	▼ -7.390	▲ 38.830
Brent Crude	\$/Bbl	107.91	▼ -11.120	▼ -2.550	▲ 43.050
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	369.12	▼ -46.220	▲ 18.780	▲ 185.960
Propane, Mt. Bel	cents/Gallon	1.44	▼ -0.007	▼ -0.093	▲ 0.492
Ethane, Mt. Bel	cents/Gallon	0.43	▼ 0.000	▲ 0.009	▲ 0.204
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)



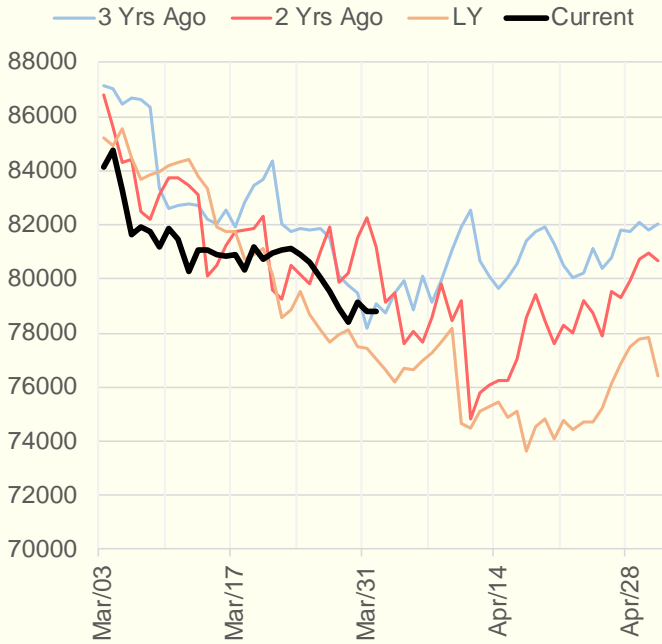
	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23
Henry Hub	\$5.591	\$5.650	\$5.706	\$5.723	\$5.695	\$5.730	\$5.779	\$5.910	\$6.044	\$5.841	\$5.244	\$4.020
JKL	\$35.435	\$34.095	\$32.425	\$32.865	\$33.820	\$33.520	\$34.160	\$34.525	\$34.485	\$32.340	\$28.900	\$21.190
JKL-HHHub	\$29.844	\$28.445	\$26.719	\$27.142	\$28.125	\$27.790	\$28.381	\$28.615	\$28.441	\$26.499	\$23.656	\$17.170
TTF	\$41.129	\$41.014	\$40.910	\$40.835	\$40.677	\$39.238	\$38.503	\$38.688	\$38.498	\$37.575	\$36.359	\$22.473
TTF-HHHub	\$35.538	\$35.364	\$35.204	\$35.112	\$34.982	\$33.508	\$32.724	\$32.778	\$32.454	\$31.734	\$31.115	\$18.453
NBP	\$39.404	\$39.997	\$40.224	\$40.230	\$40.341	\$39.183	\$39.725	\$40.244	\$40.240	\$39.859	\$36.972	\$24.416
NBP-HHHub	\$33.813	\$34.347	\$34.518	\$34.507	\$34.646	\$33.453	\$33.946	\$34.334	\$34.196	\$34.018	\$31.728	\$20.396

Weather Storage Model - Next 4 Week Forecast

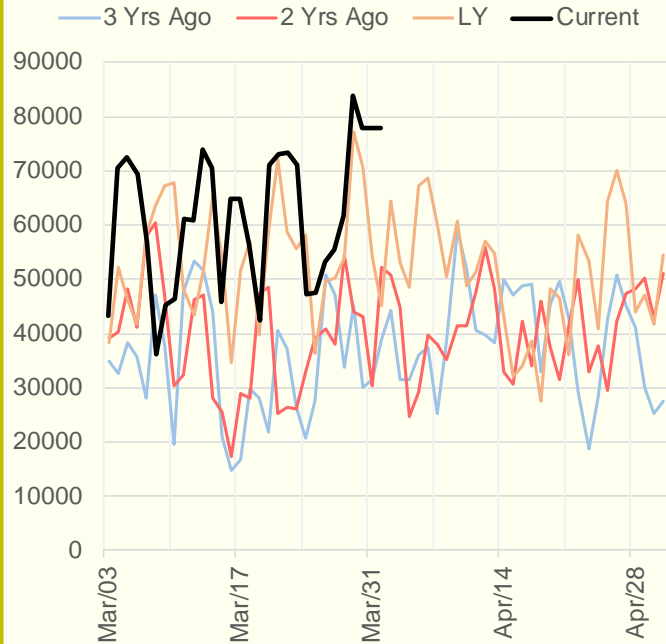


The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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

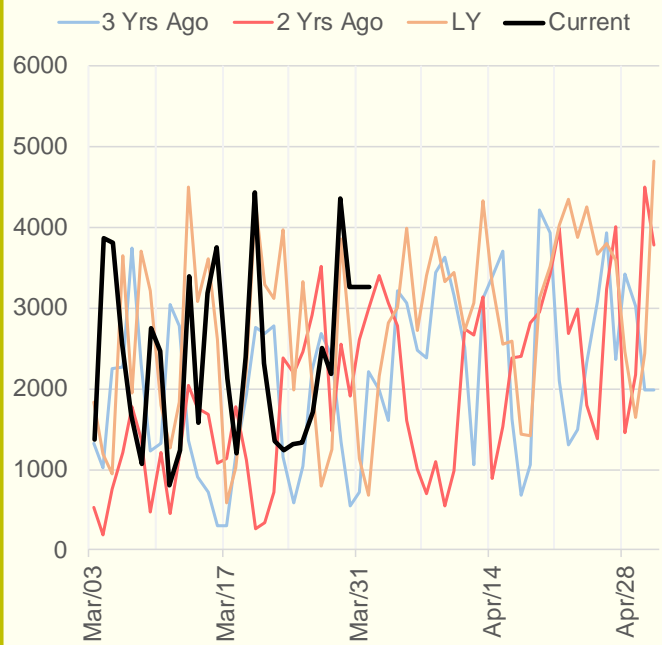
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

