

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 4.75	▲ \$ 0.12	▼ \$ (0.05)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 106.48	▲ \$ 0.46	▼ \$ (8.5)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 109.53	▲ \$ 0.20	▼ \$ (8.5)

Page Menu

[Short-term Weather Model Outlooks](#)

[Lower 48 Component Models](#)

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

[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

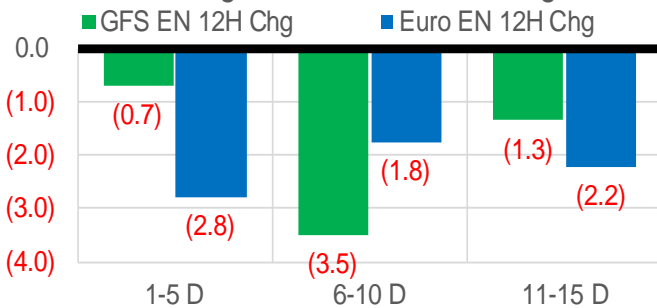
[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

[Price Summary](#)

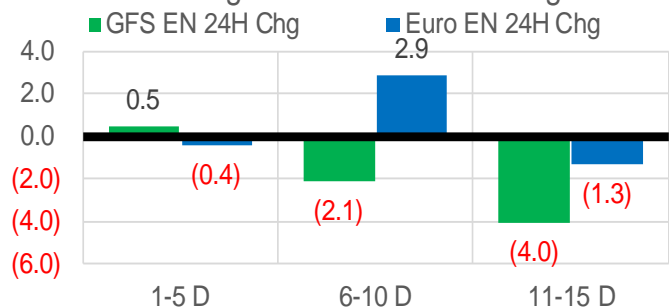
Vs. 12H Ago

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	92.4	▼ -1.46	▼ -2.34

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	28.4	▼ -0.64	▲ 1.79

	Current	Δ from YD	Δ from 7D Avg
US ResComm	37.6	▼ -2.58	▲ 3.95

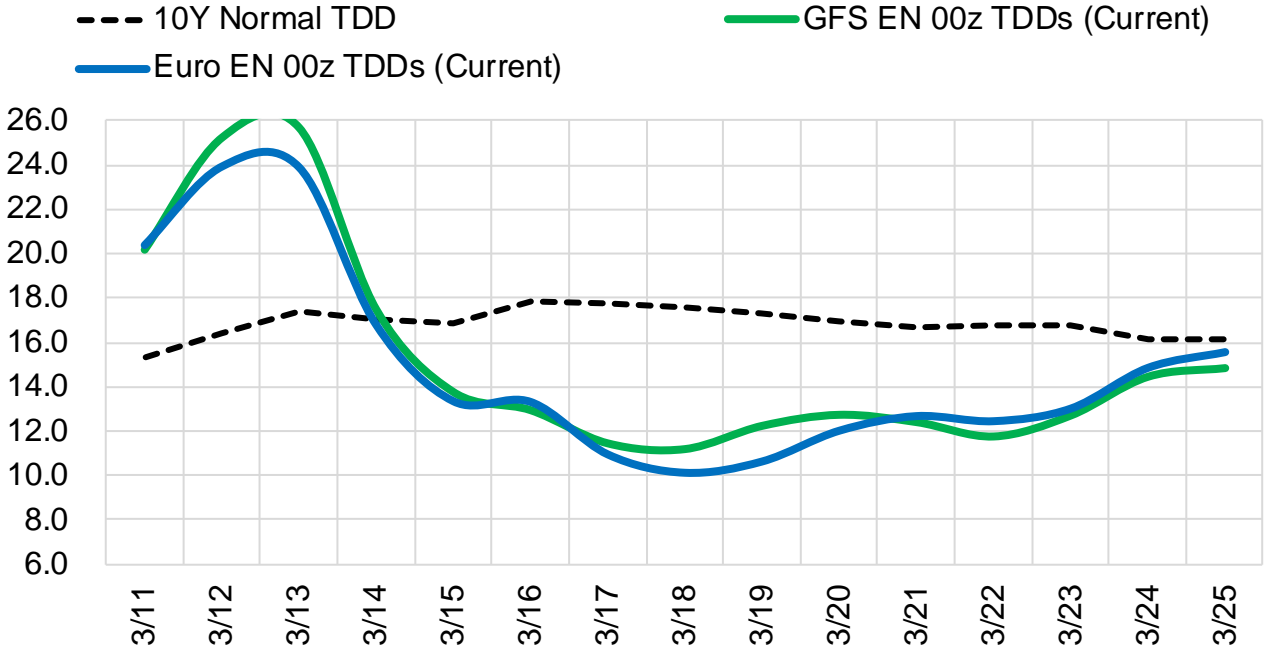
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.4	▲ 0.00	▲ 0.25

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.7	▲ 0.12	▼ -0.09

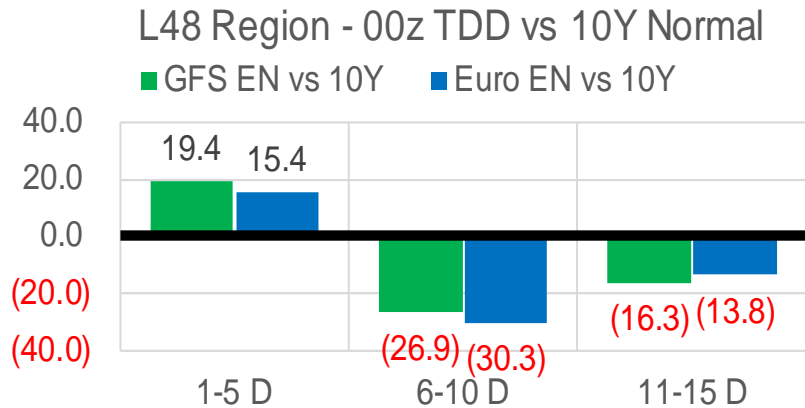
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.8	▲ 0.02	▲ 0.21

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	5-Mar	6-Mar	7-Mar	8-Mar	9-Mar	10-Mar	11-Mar	DoD	vs. 7D
Lower 48 Dry Production	95.0	95.2	95.3	94.2	93.9	93.8	92.4	▼ -1.5	▼ -2.2
Canadian Imports	4.9	4.6	4.8	5.5	5.7	5.4	5.4	▲ 0.0	▲ 0.3
L48 Power	22.4	23.9	26.9	28.8	29.5	29.0	28.4	▼ -0.6	▲ 1.6
L48 Residential & Commercial	26.3	24.8	31.3	38.3	39.5	40.1	37.6	▼ -2.6	▲ 4.2
L48 Industrial	21.6	21.8	22.4	22.6	22.0	21.4	20.5	▼ -0.9	▼ -1.5
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.1	5.1	5.1	5.0	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	2.5	2.5	3.0	3.5	3.6	3.6	3.4	▼ -0.2	▲ 0.3
L48 Regional Gas Consumption	78.0	78.3	88.8	98.4	99.8	99.2	94.8	▼ -4.4	▲ 4.4
Net LNG Delivered	12.88	12.89	13.08	12.56	12.63	12.57	12.69	▲ 0.1	▼ -0.1
Total Mexican Exports	6.3	6.1	6.6	6.9	6.8	6.8	6.8	▲ 0.0	▲ 0.2
Implied Daily Storage Activity	2.9	2.5	-8.2	-18.2	-19.7	-19.3	-16.5		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	4-Feb	11-Feb	18-Feb	25-Feb	4-Mar	11-Mar	WoW	vs. 4W
Lower 48 Dry Production	93.8	91.5	95.6	94.2	94.1	94.7	▲ 0.6	▲ 0.9
Canadian Imports	7.1	7.1	6.2	6.4	5.9	5.2	▼ -0.7	▼ -1.2
L48 Power	29.7	29.4	26.8	27.3	28.2	26.6	▼ -1.6	▼ -1.3
L48 Residential & Commercial	49.0	45.8	40.3	41.4	38.6	33.6	▼ -5.0	▼ -7.9
L48 Industrial	27.0	24.6	26.1	26.2	23.7	22.0	▼ -1.7	▼ -3.1
L48 Lease and Plant Fuel	5.1	5.0	5.2	5.1	5.1	5.2	▲ 0.0	▲ 0.0
L48 Pipeline Distribution	3.8	3.5	3.2	3.2	3.3	3.1	▼ -0.1	▼ -0.2
L48 Regional Gas Consumption	114.6	108.3	101.6	103.2	98.9	90.5	▼ -8.4	▼ -12.5
Net LNG Exports	12.1	12.4	13.0	11.7	12.5	12.8	▲ 0.3	▲ 0.4
Total Mexican Exports	6.4	6.1	6.1	6.1	6.4	6.6	▲ 0.1	▲ 0.4
Implied Daily Storage Activity	-32.2	-28.2	-18.9	-20.5	-17.8	-10.0	7.8	
EIA Reported Daily Storage Activity	-31.7	-27.1	-18.4	-19.9	-17.7			
Daily Model Error	-0.5	-1.1	-0.4	-0.7	-0.1			

Monthly Balances

	2Yr Ago Mar-20	LY Mar-21	Nov-21	Dec-21	Jan-22	Feb-22	MTD Mar-22	MoM	vs. LY
Lower 48 Dry Production	94.2	91.3	95.7	96.2	94.3	93.5	94.7	▲ 1.3	▲ 3.4
Canadian Imports	4.1	4.8	5.3	4.8	6.7	6.6	5.2	▼ -1.4	▲ 0.5
L48 Power	28.3	24.5	29.2	28.5	30.7	28.2	26.5	▼ -1.6	▲ 2.0
L48 Residential & Commercial	27.6	28.9	28.4	33.8	49.1	43.0	32.8	▼ -10.3	▲ 3.9
L48 Industrial	22.3	19.3	23.0	22.9	26.4	25.6	22.1	▼ -3.5	▲ 2.8
L48 Lease and Plant Fuel	5.1	5.0	5.3	5.3	5.2	5.1	5.2	▲ 0.1	▲ 0.2
L48 Pipeline Distribution	2.9	2.8	2.9	3.2	3.9	3.4	3.1	▼ -0.3	▲ 0.3
L48 Regional Gas Consumption	86.2	80.4	88.8	93.7	115.2	105.3	89.7	▼ -15.6	▲ 9.3
Net LNG Exports	8.5	11.1	11.4	12.1	12.4	12.4	12.6	▲ 0.2	▲ 1.5
Total Mexican Exports	5.4	6.5	6.1	6.2	6.3	6.2	6.6	▲ 0.4	▲ 0.1
Implied Daily Storage Activity	-1.9	-2.0	-5.3	-11.0	-32.9	-23.8	-8.9		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	8-Mar	9-Mar	DoD	vs. 7D
NRC Nuclear Daily Output	84.2	84.8	84.8	84.8	81.9	81.7	81.2	-0.6	-2.5
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	20.7	20.1	20.1	20.1	23.0	23.1	23.7	0.6	2.5
NRC % Nuclear Cap Utilization	85.6	86.2	86.2	86.2	83.3	83.1	82.5	-0.6	-2.6

Wind Generation Daily Average - MWh (EIA)

	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	8-Mar	9-Mar	DoD	vs. 7D
CALI Wind	1458	4134	4108	2797	1691	1061	2761	1700	219
TEXAS Wind	8672	20229	17920	19626	14560	4680	11044	6364	-3237
US Wind	43315	70830	72905	69704	57009	36254	45685	9431	-12651

Generation Daily Average - MWh (EIA)

	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	8-Mar	9-Mar	DoD	vs. 7D
US Wind	43315	70830	72905	69704	57009	36254	45685	9431	-12651
US Solar	13208	10606	10640	11902	12778	13954	12156	-1798	-26
US Petroleum	2999	2288	1842	2047	2228	2251	802	-1449	-1474
US Other	6177	5829	6107	6006	6336	6584	6778	195	605
US Coal	92244	82150	74588	77060	88460	95502	94809	-693	9808
US Nuke	88795	88158	87400	86213	85888	85950	85576	-375	-1492
US Hydro	33762	35640	33736	31989	33749	33971	32375	-1596	-1433
US Gas	141991	129254	111753	106741	140795	166488	165704	-785	32866

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	4-Feb	11-Feb	18-Feb	25-Feb	4-Mar	11-Mar	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	89.5	87.6	88.2	86.9	85.8	83.0	-2.8	0.5
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	15.4	17.3	16.7	18.0	19.1	21.9	2.8	
NRC % Nuclear Cap Utilization	91.0	89.1	89.7	88.3	87.2	84.4	-2.8	

Wind Generation Weekly Average - MWh (EIA)

	4-Feb	11-Feb	18-Feb	25-Feb	4-Mar	11-Mar	WoW	WoW Bcf/d Impact
CALI Wind	1627	1156	2105	2261	872	2759	1886	-0.3
TEXAS Wind	12223	9259	16874	13068	6269	14158	7888	-1.4
US Wind	53914	53944	63320	60529	36075	56868	20793	-3.7

1.3

Generation Weekly Average - MWh (EIA)

	4-Feb	11-Feb	18-Feb	25-Feb	4-Mar	11-Mar	WoW	WoW Bcf/d Impact
						est.		
US Wind	53914	53944	63320	60529	36075	56868	20793	-3.7
US Solar	10460	12288	12314	11899	13822	12027	-1795	0.3
US Petroleum	4672	3554	4126	2961	3130	1751	-1379	0.2
US Other	9661	9373	9134	8211	7479	6346	-1134	0.2
US Coal	124851	113847	101772	99951	103469	86768	-16701	3.0
US Nuke	94661	92640	92758	91458	90165	86394	-3770	0.7
US Hydro	31810	32222	31959	33221	32212	33405	1193	-0.2
US Gas	159399	162271	137937	147268	158629	140920	-17709	3.2

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	87.2	86.8	90.3	90.2	87.6	83.6	85.9	-4.0	-0.9		
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	17.6	18.0	14.6	14.7	17.3	21.3	19.0	4.0	0.9		
NRC % Nuclear Cap Utilization	88.7	88.3	91.8	91.7	89.0	85.0	87.3	-4.1	-0.9		

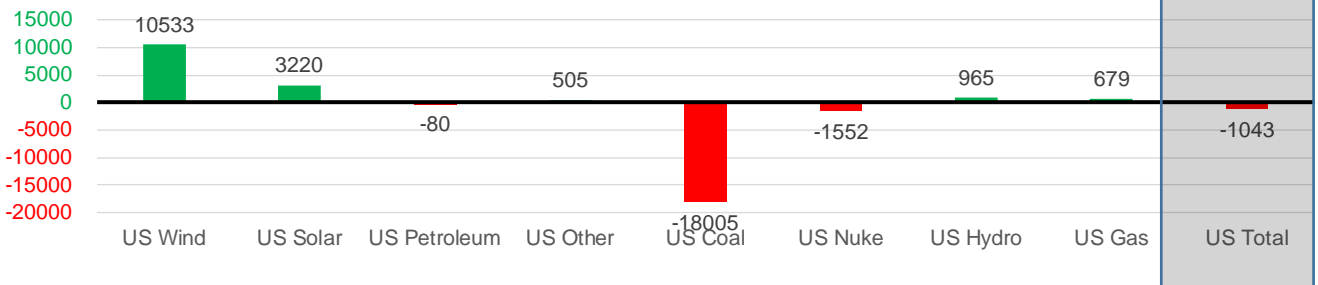
Wind Generation Monthly Average - MWh (EIA)

	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	1124	2169	1585	1364	1719	2264	2004	545	-165		
TEXAS Wind	10327	10211	12927	11355	12294	11832	12292	-462	2081		
US Wind	40988	43307	54810	51165	56700	50125	53840	-6575	10533		

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	40988	43307	54810	51165	56700	50125	53840	▲ 3715.3	▲ 10533		
US Solar	7180	9344	7376	9476	12089	12699	12564	▼ -135.6	▲ 3220		
US Petroleum	3284	3004	3135	5021	3449	2012	2924	▲ 912	▼ -80		
US Other	6663	7287	8222	8792	8831	6454	7792	▲ 1339	▲ 505		
US Coal	76664	115976	81617	118026	106657	90184	97971	▲ 7787	▼ -18005		
US Nuke	88215	91702	95449	95259	92275	87177	90149	▲ 2972	▼ -1552		
US Hydro	35656	31662	30826	34109	32221	33179	32627	▼ -552	▲ 965		
US Gas	161042	146361	152627	164026	152047	144933	147040	▲ 16038	▲ 679		
US Total	418171	446859	434177	485998	464816	428162	445816	▲ 28360	▼ -1043		

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Regional S/D Models Storage Projection

Week Ending 11-Mar

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-9.7	0.2	-9.5	-66
East	-5.9	2.1	-3.8	-26
Midwest	-3.3	-0.3	-3.6	-25
Mountain	3.1	-3.7	-0.6	-4
South Central	-3.0	2.5	-0.4	-3
Pacific	-0.6	-0.5	-1.1	-8

*Adjustment Factor is calculated based on historical regional deltas

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

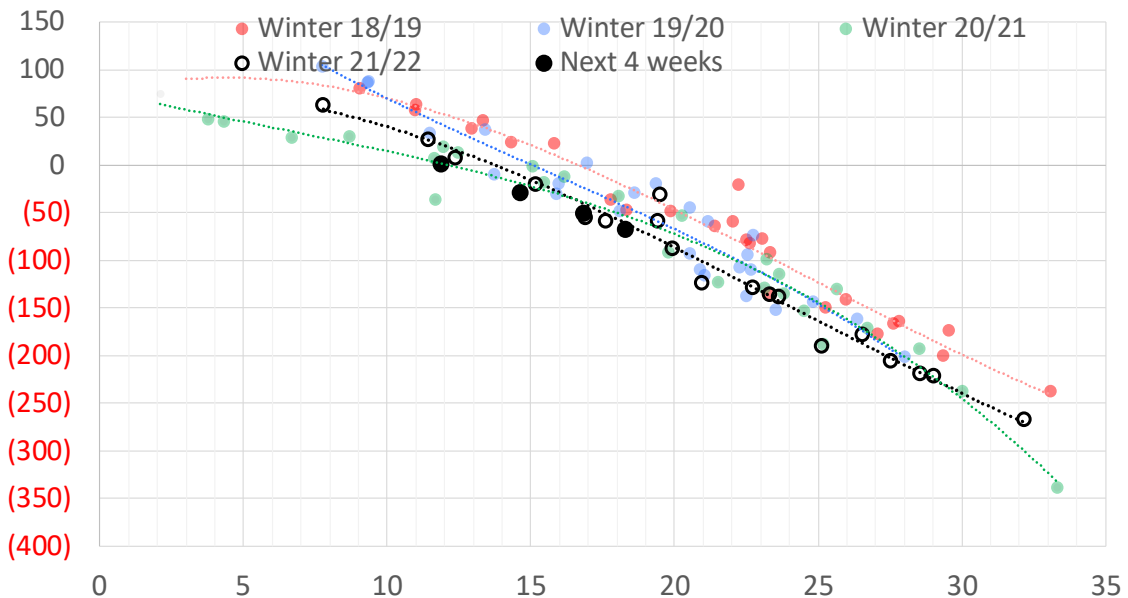


Weather Model Storage Projection

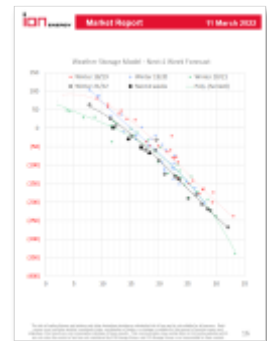
Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
11-Mar	18	-66
18-Mar	17	-50
25-Mar	12	2
01-Apr	15	-29

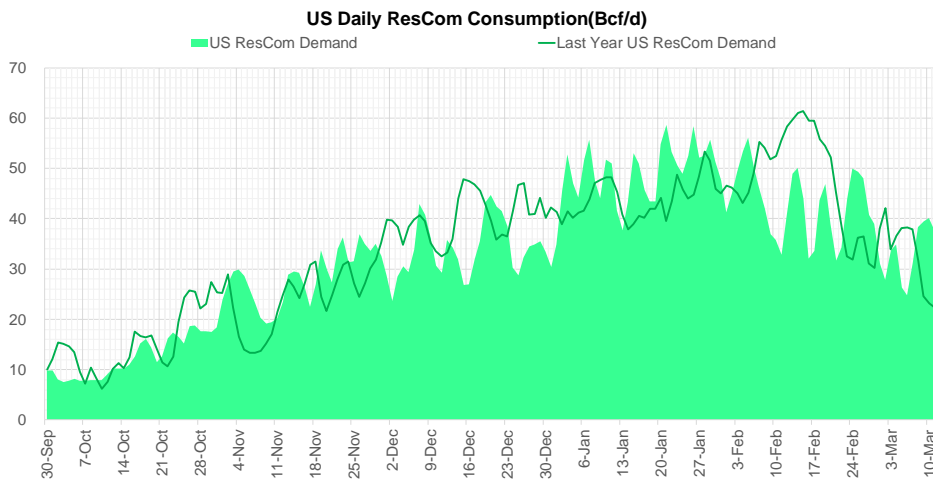
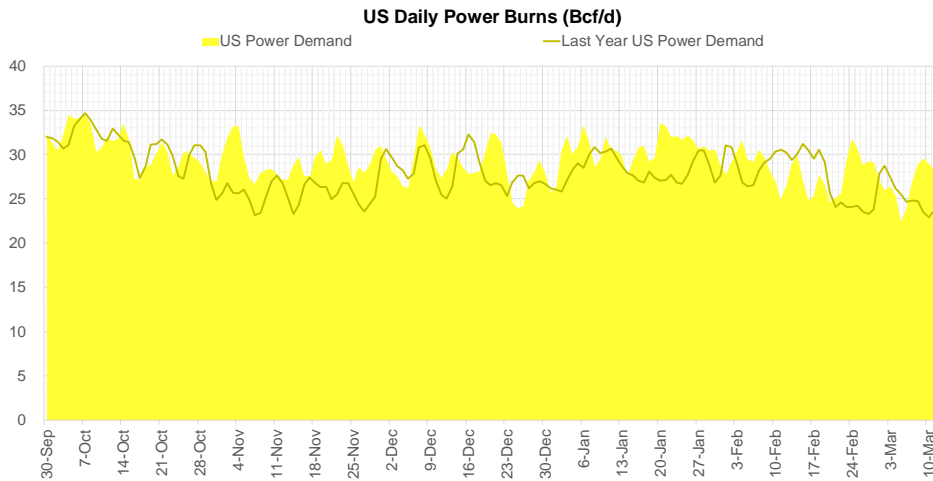
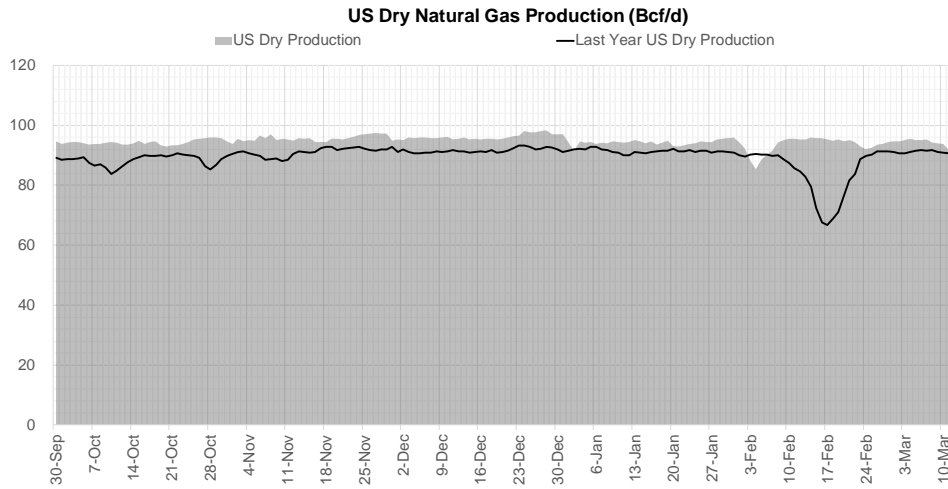
Weather Storage Model - Next 4 Week Forecast



Go to larger image



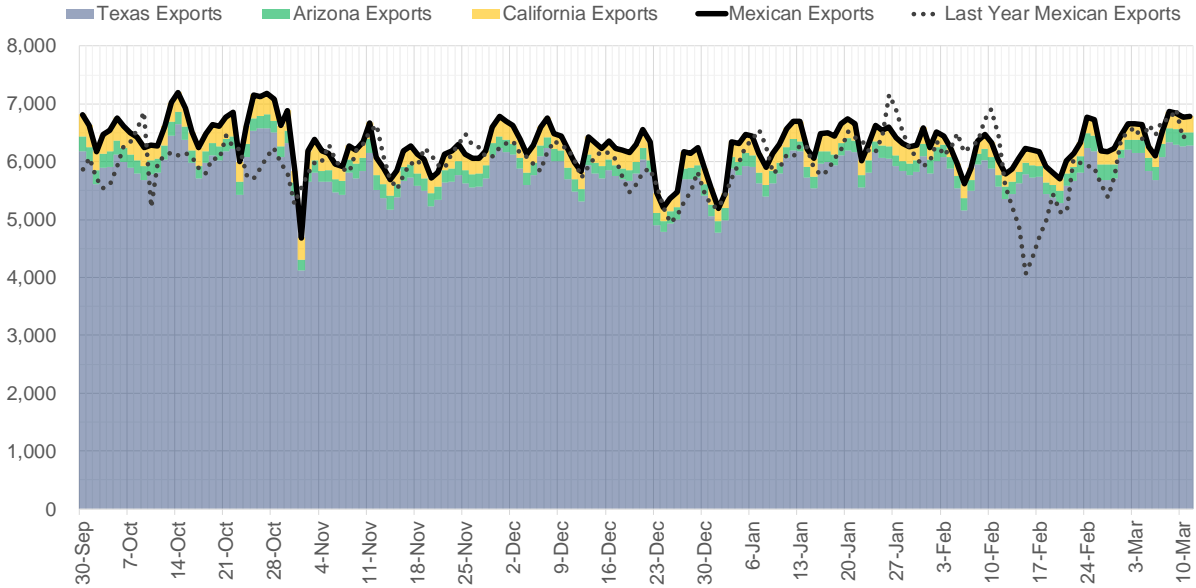
Supply – Demand Trends



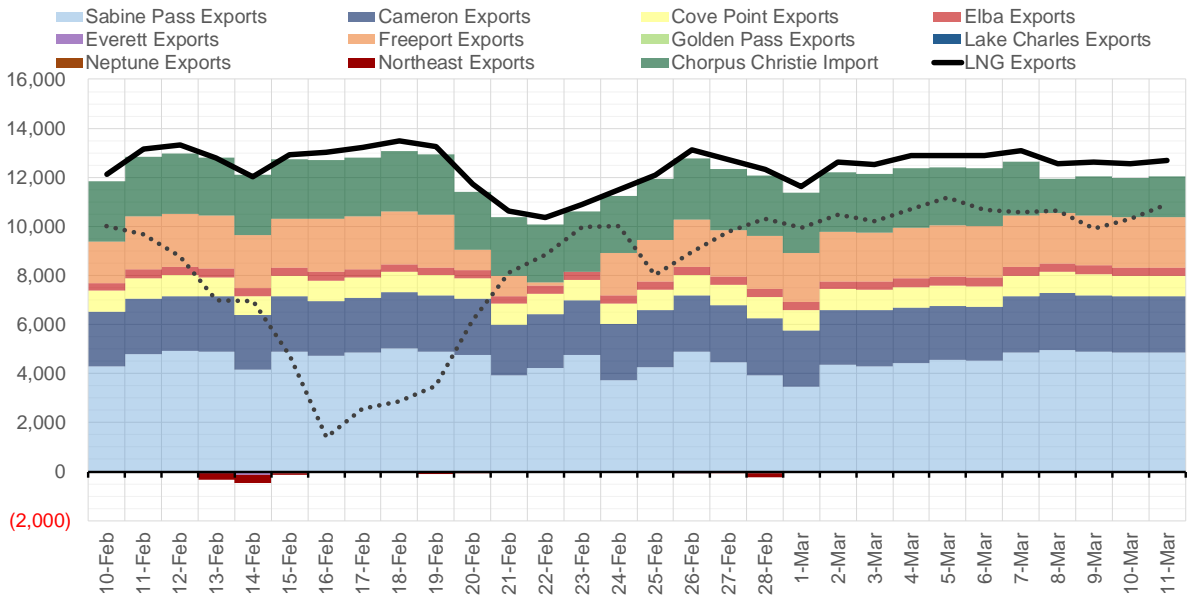
Source: Bloomberg

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

ICE Data not updated today

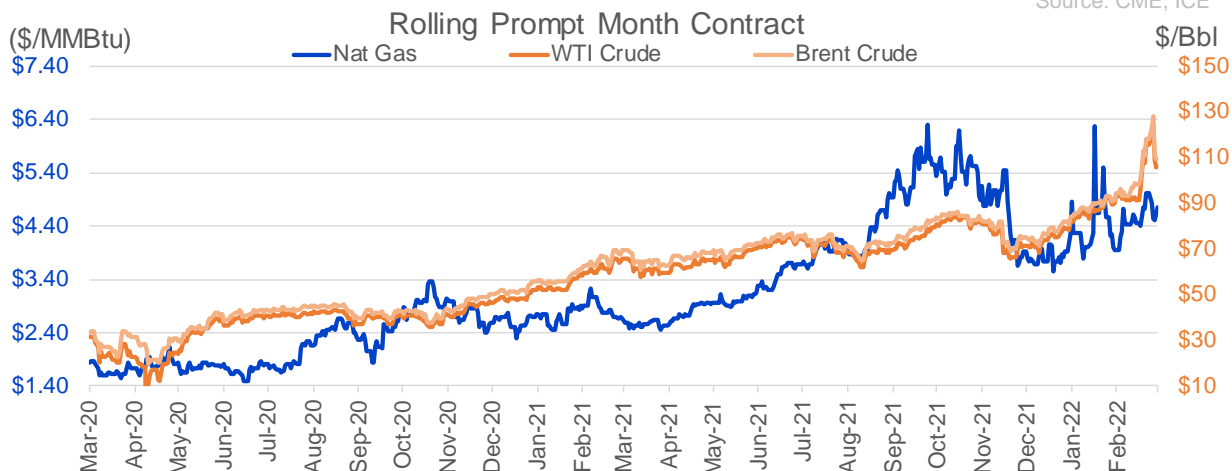
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
5	2022	P	4.00	7019	4	2022	C	5.00	37562
4	2022	P	4.00	5177	4	2022	P	3.50	34751
12	2022	C	5.25	3275	4	2022	C	4.75	28807
12	2022	C	5.50	3275	4	2022	P	3.00	28682
5	2022	P	3.75	2911	10	2022	C	6.00	27683
4	2022	P	4.50	2556	10	2022	C	5.00	26475
10	2022	P	4.00	2393	4	2022	P	3.75	24662
6	2022	P	4.00	2200	6	2022	C	6.00	22814
4	2022	P	3.75	2107	5	2022	C	5.00	22806
7	2022	P	4.00	1872	4	2022	P	4.00	22797
10	2022	C	5.00	1835	4	2022	C	6.00	22773
5	2022	P	4.50	1673	5	2022	P	3.00	22666
4	2022	C	5.25	1575	5	2022	C	6.00	21996
4	2022	P	4.10	1536	7	2022	C	6.00	21135
6	2022	P	3.50	1500	9	2022	C	6.00	20275
10	2022	C	6.00	1500	5	2022	P	2.50	19938
5	2022	P	3.50	1474	5	2022	P	3.50	19342
4	2022	P	3.50	1455	5	2022	P	4.00	19250
6	2022	P	4.25	1422	6	2022	C	5.00	19240
6	2022	P	4.50	1419	8	2022	C	6.00	19188
7	2022	P	4.50	1375	4	2022	C	4.50	18413
5	2022	P	4.25	1341	4	2022	P	4.50	18208
4	2022	C	5.00	1218	12	2022	C	5.00	18021
3	2023	C	6.00	1208	10	2022	P	3.00	17882
4	2022	C	4.75	1162	6	2022	P	3.00	17795
5	2022	C	6.00	1156	4	2022	C	3.00	17511
4	2022	P	4.25	1122	5	2022	P	2.75	17485
5	2022	P	3.90	1033	4	2022	P	2.50	17245
4	2022	C	6.50	1029	10	2022	C	7.00	16782
4	2022	P	3.95	1022	7	2022	P	3.25	16411
4	2022	C	5.75	1001	6	2022	P	4.00	16145
8	2022	C	9.00	1001	5	2022	C	7.00	16031
12	2022	C	5.00	950	4	2022	C	5.50	15976
10	2022	P	3.25	836	9	2022	P	2.50	15636
5	2022	C	5.25	816	8	2022	P	3.00	15150
4	2022	P	3.90	809	4	2022	C	8.00	15132
5	2022	C	7.00	801	6	2022	P	3.50	14988
4	2022	C	5.50	768	4	2022	P	3.25	14634
5	2022	C	5.50	733	6	2022	P	3.75	14577
4	2022	C	4.50	705	4	2022	P	4.25	14572
8	2022	P	4.25	686	7	2022	P	3.00	14443
4	2022	C	6.00	676	1	2023	C	5.00	14379
9	2022	P	4.00	676	12	2022	C	6.00	14170
8	2022	P	4.00	675	6	2022	C	4.50	13954
10	2022	P	3.50	643	9	2022	P	2.75	13933
6	2022	C	5.50	621	10	2022	P	2.00	13921
4	2023	P	2.00	550	7	2022	C	5.00	13777
4	2023	P	2.25	550	5	2022	C	3.00	13733
5	2023	P	2.00	550	4	2022	C	7.00	13465
					6	2022	C	3	13438

Source: CME, ICE

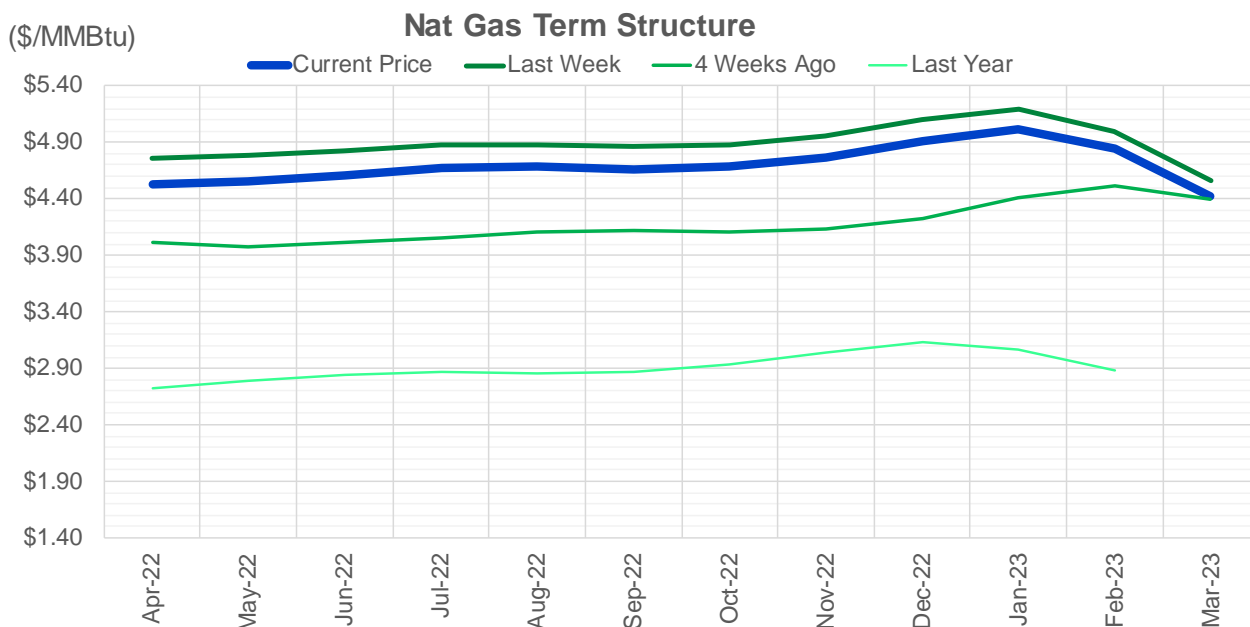
Nat Gas Futures Open Interest CME and ICE Combined

ICE Data not updated today

CME Henry Hub Futures (10,000 MMBtu)				ICE Henry Hub Futures Contract Equivalent (10,000 MM			
	Current	Prior	Daily Change		Current	Prior	Daily Change
APR 22	94204	101160	-6956	APR 22	73620	74046	-426
MAY 22	203713	198887	4826	MAY 22	79614	79635	-22
JUN 22	68931	67973	958	JUN 22	72380	72497	-116
JUL 22	84750	82088	2662	JUL 22	68162	67383	779
AUG 22	42539	42960	-421	AUG 22	61524	61509	15
SEP 22	71147	70431	716	SEP 22	65277	63370	1907
OCT 22	81073	82698	-1625	OCT 22	70875	71279	-404
NOV 22	43419	43055	364	NOV 22	55726	55813	-87
DEC 22	44749	44715	34	DEC 22	64758	64845	-87
JAN 23	60496	60196	300	JAN 23	64150	64282	-132
FEB 23	19631	19811	-180	FEB 23	45718	45739	-22
MAR 23	37544	37807	-263	MAR 23	50598	50564	34
APR 23	42374	41770	604	APR 23	49399	49069	330
MAY 23	24256	24357	-101	MAY 23	43997	43972	26
JUN 23	14390	13874	516	JUN 23	40659	40435	224
JUL 23	11179	11208	-29	JUL 23	40067	39952	115
AUG 23	8955	8923	32	AUG 23	39862	39864	-2
SEP 23	12583	12773	-190	SEP 23	39409	39321	89
OCT 23	23104	22840	264	OCT 23	44066	44005	61
NOV 23	10542	10758	-216	NOV 23	40999	40950	49
DEC 23	14183	14214	-31	DEC 23	36433	35836	597
JAN 24	16497	16555	-58	JAN 24	30177	30016	161
FEB 24	3486	3469	17	FEB 24	20766	20689	77
MAR 24	14485	14476	9	MAR 24	26521	26503	18
APR 24	6952	6947	5	APR 24	20156	20194	-39
MAY 24	2441	2441	0	MAY 24	19426	19347	79
JUN 24	1106	1098	8	JUN 24	19140	19156	-16
JUL 24	1358	890	468	JUL 24	19813	19734	79
AUG 24	1042	1034	8	AUG 24	19776	19823	-48
SEP 24	1159	1151	8	SEP 24	19326	19249	77



Source: CME, ICE



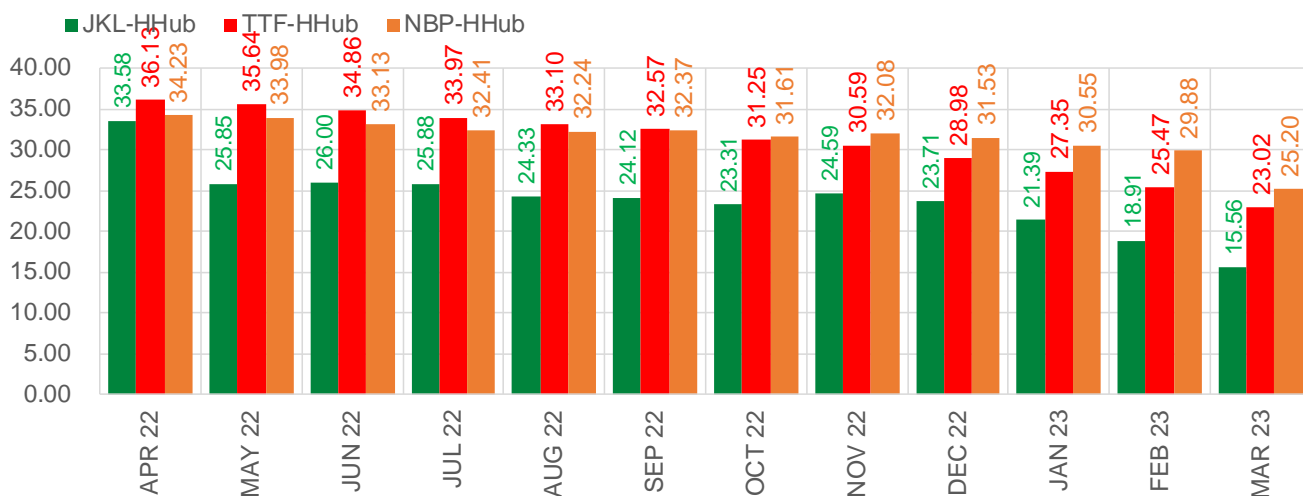
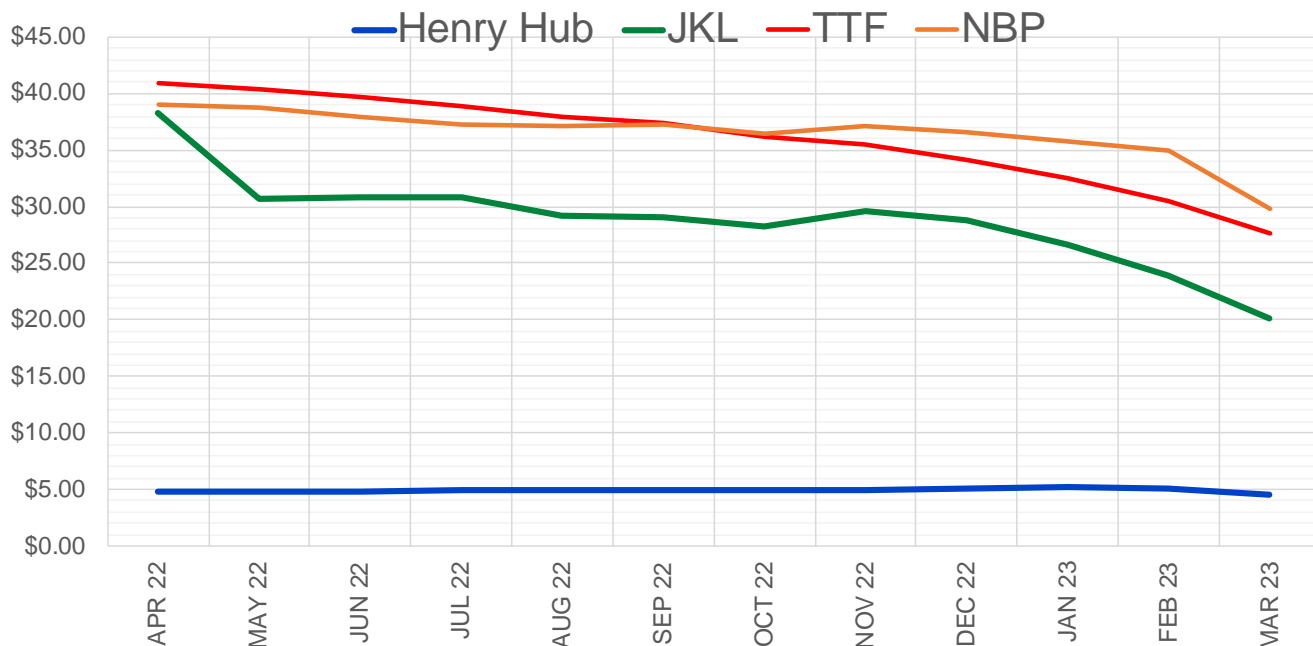
	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
Current Price	\$4.526	\$4.561	\$4.610	\$4.670	\$4.682	\$4.666	\$4.683	\$4.765	\$4.914	\$5.010	\$4.844	\$4.417
Last Week	\$4.762	\$4.787	\$4.826	\$4.874	\$4.880	\$4.859	\$4.879	\$4.953	\$5.102	\$5.199	\$5.001	\$4.561
vs. Last Week	-\$0.236	-\$0.226	-\$0.216	-\$0.204	-\$0.198	-\$0.193	-\$0.196	-\$0.188	-\$0.188	-\$0.189	-\$0.157	-\$0.144
4 Weeks Ago	\$4.009	\$3.980	\$4.009	\$4.058	\$4.113	\$4.125	\$4.109	\$4.133	\$4.231	\$4.406	\$4.516	\$4.395
vs. 4 Weeks Ago	\$0.517	\$0.581	\$0.601	\$0.612	\$0.569	\$0.541	\$0.574	\$0.632	\$0.683	\$0.604	\$0.328	\$0.022
Last Year	\$2.692	\$2.728	\$2.785	\$2.842	\$2.864	\$2.853	\$2.865	\$2.930	\$3.046	\$3.128	\$3.063	\$2.881
vs. Last Year	\$1.834	\$1.833	\$1.825	\$1.828	\$1.818	\$1.813	\$1.818	\$1.835	\$1.868	\$1.882	\$1.781	\$1.536

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	4.63	5.26	0.63
TETCO M3	\$/MMBtu	4.12	4.21	0.09
FGT Zone 3	\$/MMBtu	4.10	4.80	0.70
Zone 6 NY	\$/MMBtu	4.10	4.20	0.10
Chicago Citygate	\$/MMBtu	4.48	4.56	0.08
Michcon	\$/MMBtu	4.50	4.56	0.06
Columbia TCO Pool	\$/MMBtu	4.22	4.22	0.00
Ventura	\$/MMBtu	4.42	4.51	0.09
Rockies/Opal	\$/MMBtu	4.50	4.24	-0.26
El Paso Permian Basin	\$/MMBtu	4.42	4.06	-0.37
Socal Citygate	\$/MMBtu	4.54	4.33	-0.22
Malin	\$/MMBtu	4.30	4.32	0.02
Houston Ship Channel	\$/MMBtu	4.54	4.55	0.01
Henry Hub Cash	\$/MMBtu	4.59	4.47	-0.12
AECO Cash	C\$/GJ	3.87	3.71	-0.16
Station2 Cash	C\$/GJ	3.79	4.25	0.46
Dawn Cash	C\$/GJ	4.51	4.60	0.09

Source: CME, Bloomberg

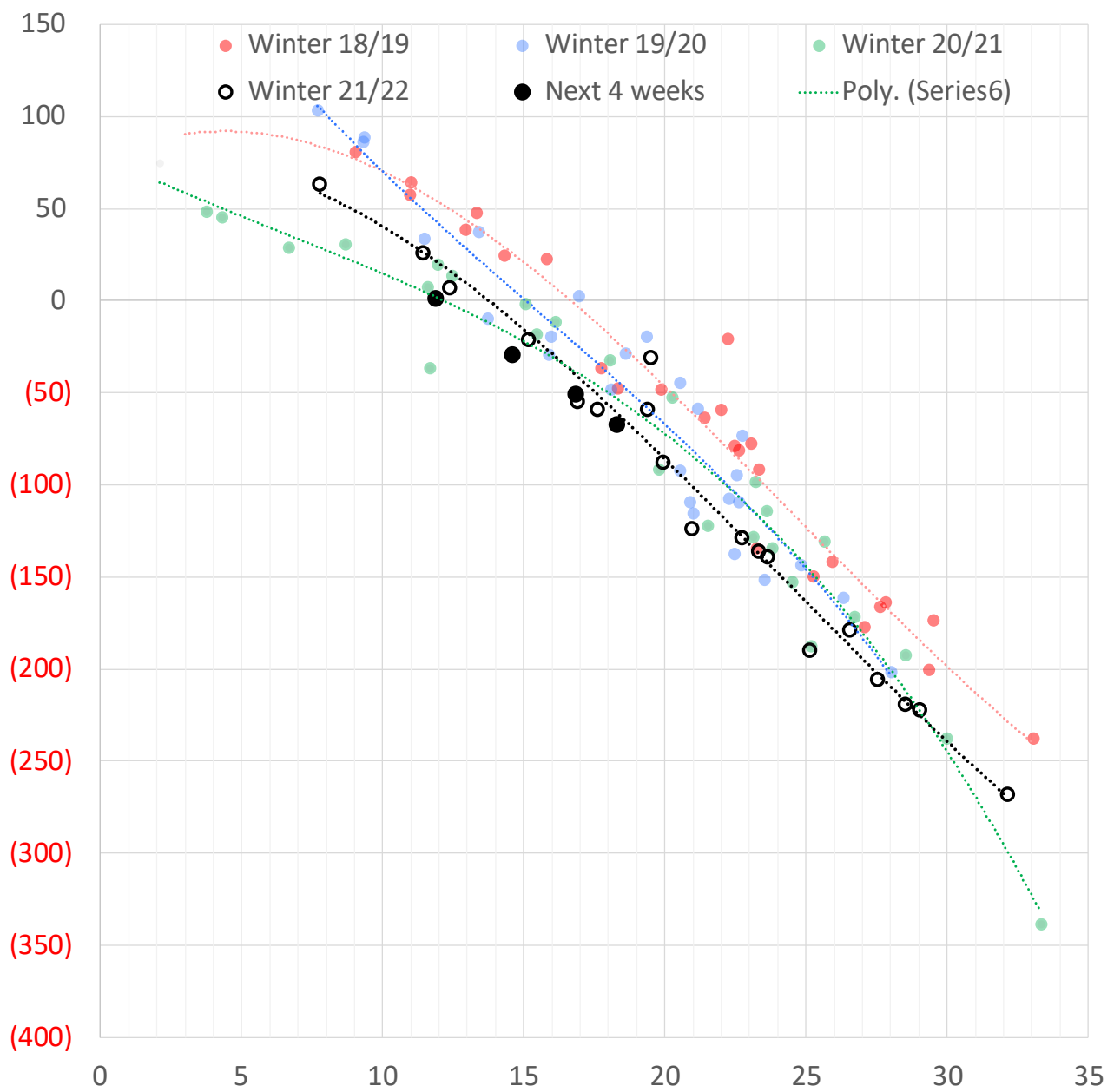
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.201
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.296
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.082
NatGas Apr22/Oct22	\$/MMBtu	0.161	▲ 0.060	▼ -0.004	▲ 0.129
WTI Crude	\$/Bbl	106.02	▼ -1.650	▲ 16.140	▲ 40.000
Brent Crude	\$/Bbl	109.33	▼ -1.130	▲ 17.920	▲ 39.700
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	329.62	▼ -20.720	▲ 46.900	▲ 133.680
Propane, Mt. Bel	cents/Gallon	1.46	▼ -0.069	▲ 0.213	▲ 0.519
Ethane, Mt. Bel	cents/Gallon	0.42	▼ -0.001	▲ 0.034	▲ 0.195
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)



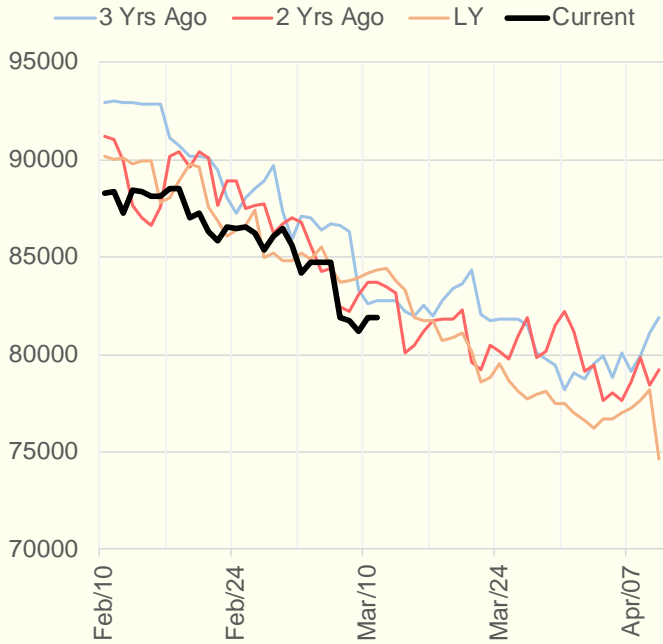
	APR 22	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23
Henry Hub	\$4.748	\$4.782	\$4.835	\$4.894	\$4.898	\$4.881	\$4.897	\$4.980	\$5.118	\$5.208	\$5.023	\$4.572
JKL	\$38.325	\$30.635	\$30.835	\$30.775	\$29.230	\$29.000	\$28.205	\$29.570	\$28.830	\$26.595	\$23.930	\$20.135
JKL-HHub	\$33.577	\$25.853	\$26.000	\$25.881	\$24.332	\$24.119	\$23.308	\$24.590	\$23.712	\$21.387	\$18.907	\$15.563
TTF	\$40.882	\$40.417	\$39.693	\$38.859	\$37.998	\$37.455	\$36.142	\$35.565	\$34.100	\$32.559	\$30.496	\$27.592
TTF-HHub	\$36.134	\$35.635	\$34.858	\$33.965	\$33.100	\$32.574	\$31.245	\$30.585	\$28.982	\$27.351	\$25.473	\$23.020
NBP	\$38.974	\$38.762	\$37.968	\$37.301	\$37.142	\$37.255	\$36.502	\$37.063	\$36.652	\$35.753	\$34.903	\$29.773
NBP-HHub	\$34.226	\$33.980	\$33.133	\$32.407	\$32.244	\$32.374	\$31.605	\$32.083	\$31.534	\$30.545	\$29.880	\$25.201

Weather Storage Model - Next 4 Week Forecast

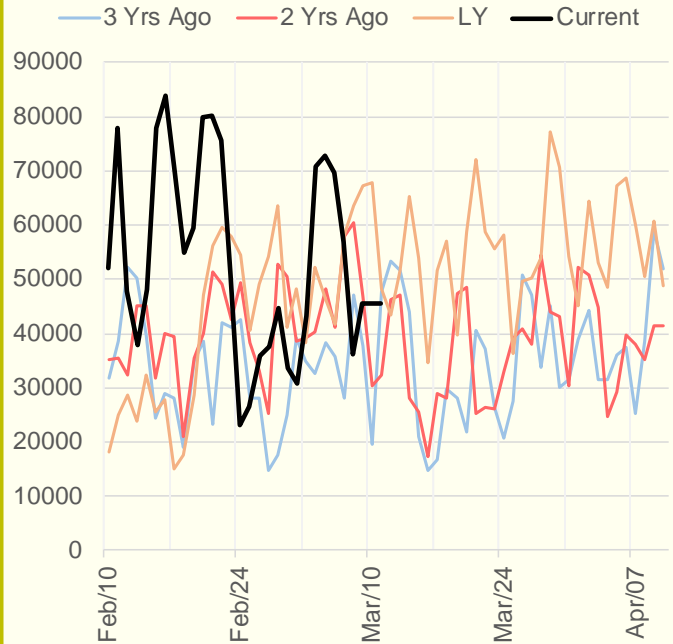


The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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

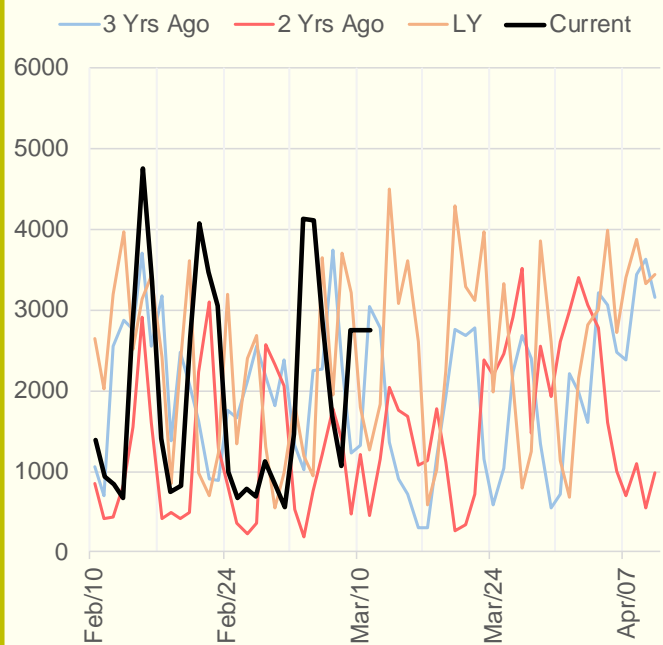
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

