

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 4.53	▼ \$ (0.30)	▼ \$ (0.31)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 121.22	▲ \$ 1.82	▲ \$ 8.6

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 125.80	▲ \$ 2.59	▲ \$ 10.7

### Page Menu

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

[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

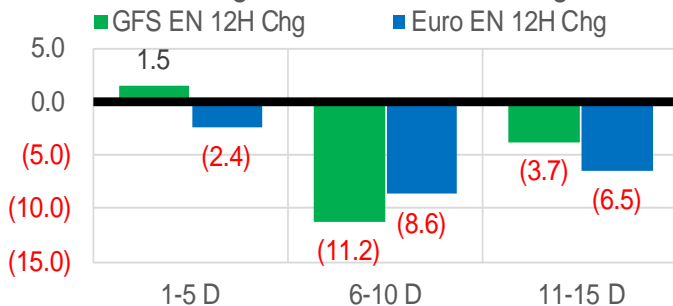
[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

[Price Summary](#)

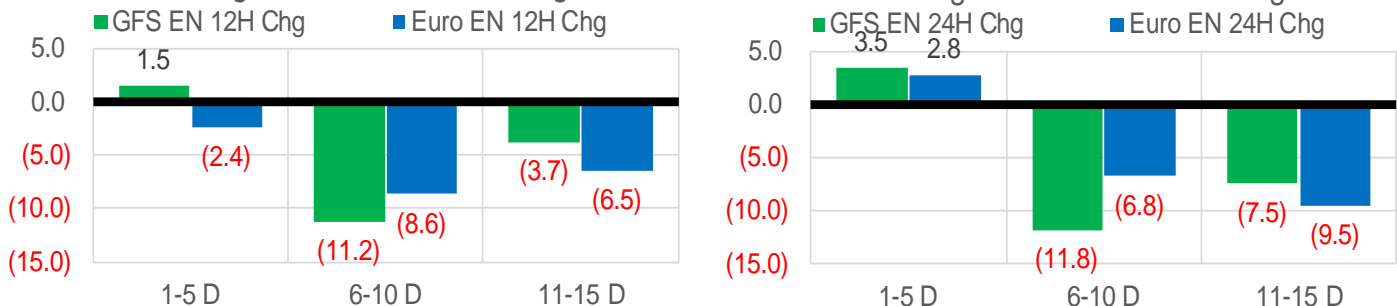
### Vs. 12H Ago

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	93.6	▼ -1.71	▼ -1.45

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	27.5	▲ 0.71	▲ 2.05

	Current	Δ from YD	Δ from 7D Avg
US ResComm	36.0	▲ 5.08	▲ 5.99

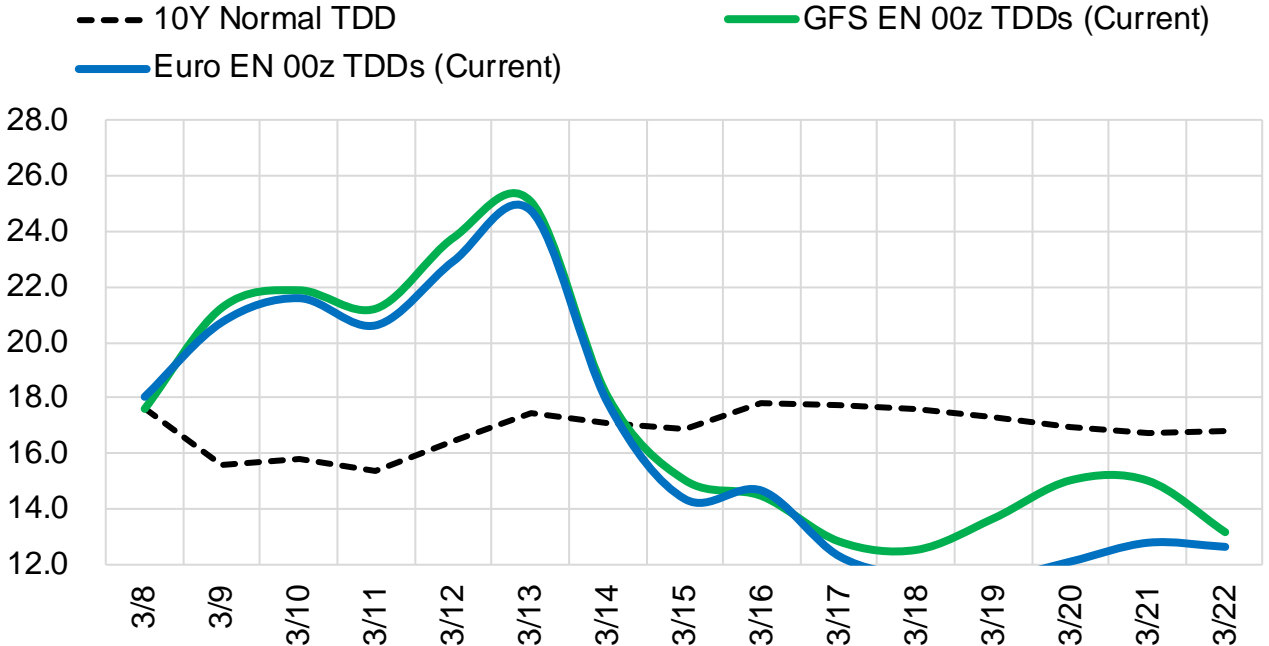
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.2	▲ 0.22	▲ 0.12

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.3	▼ -0.83	▼ -0.38

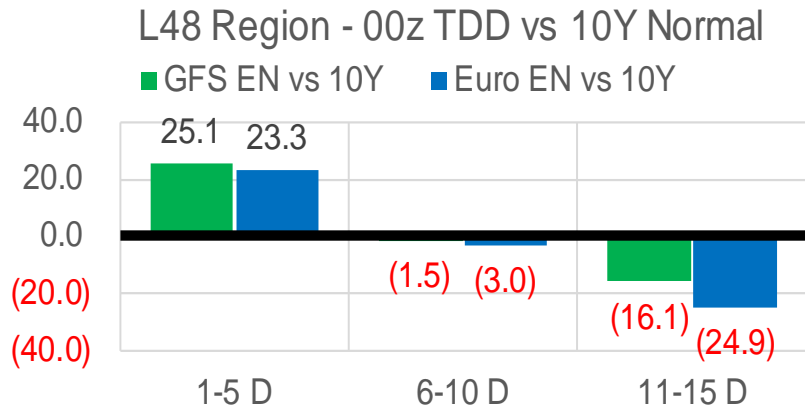
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.5	▲ 0.02	▲ 0.11

### Short-term Weather Model Outlooks (00z)

#### L48 Region



### Vs. 10Y Normal



Source: WSI , Bloomberg

### Lower 48 Component Models

#### Daily Balances

	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	8-Mar	DoD	vs. 7D
<b>Lower 48 Dry Production</b>	<b>94.6</b>	<b>94.9</b>	<b>95.4</b>	<b>95.0</b>	<b>95.1</b>	<b>95.3</b>	<b>93.6</b>	▼ -1.7	▼ -1.5
<b>Canadian Imports</b>	<b>5.1</b>	<b>5.5</b>	<b>5.3</b>	<b>4.9</b>	<b>4.6</b>	<b>5.0</b>	<b>5.2</b>	▲ 0.2	▲ 0.2
L48 Power	26.0	26.5	25.4	22.4	23.9	26.8	27.5	▲ 0.7	▲ 2.3
L48 Residential & Commercial	27.8	33.7	34.9	26.5	25.0	30.9	36.0	▲ 5.1	▲ 6.2
L48 Industrial	21.6	22.2	22.4	21.7	22.0	22.8	23.0	▲ 0.2	▲ 0.9
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.2	5.2	5.2	5.1	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	2.8	3.1	3.1	2.5	2.6	3.0	3.3	▲ 0.3	▲ 0.4
<b>L48 Regional Gas Consumption</b>	<b>83.3</b>	<b>90.7</b>	<b>91.0</b>	<b>78.3</b>	<b>78.6</b>	<b>88.7</b>	<b>94.8</b>	▲ 6.1	▲ 9.7
<b>Net LNG Delivered</b>	<b>12.61</b>	<b>12.52</b>	<b>12.88</b>	<b>12.88</b>	<b>12.89</b>	<b>13.10</b>	<b>12.27</b>	▼ -0.8	▼ -0.5
<b>Total Mexican Exports</b>	<b>6.5</b>	<b>6.5</b>	<b>6.6</b>	<b>6.3</b>	<b>6.1</b>	<b>6.5</b>	<b>6.5</b>	▲ 0.0	▲ 0.1
<b>Implied Daily Storage Activity</b>	<b>-2.7</b>	<b>-9.3</b>	<b>-9.8</b>	<b>2.5</b>	<b>2.1</b>	<b>-8.0</b>	<b>-14.8</b>		
<b>EIA Reported Daily Storage Activity</b>									
<b>Daily Model Error</b>									

#### EIA Storage Week Balances

	28-Jan	4-Feb	11-Feb	18-Feb	25-Feb	4-Mar	WoW	vs. 4W
<b>Lower 48 Dry Production</b>	<b>93.9</b>	<b>93.8</b>	<b>91.5</b>	<b>95.5</b>	<b>94.2</b>	<b>94.1</b>	▼ -0.1	▲ 0.3
<b>Canadian Imports</b>	<b>7.1</b>	<b>7.1</b>	<b>7.1</b>	<b>6.2</b>	<b>6.4</b>	<b>5.9</b>	▼ -0.5	▼ -0.9
L48 Power	31.9	29.7	29.4	26.8	27.3	28.2	▲ 0.9	▼ -0.1
L48 Residential & Commercial	53.5	49.0	45.8	40.3	41.4	38.5	▼ -2.8	▼ -5.6
L48 Industrial	26.4	27.0	24.6	26.1	26.2	25.2	▼ -1.0	▼ -0.8
L48 Lease and Plant Fuel	5.1	5.1	5.0	5.2	5.1	5.1	▼ 0.0	▲ 0.0
L48 Pipeline Distribution	4.1	3.8	3.5	3.2	3.2	3.3	▲ 0.0	▼ -0.2
<b>L48 Regional Gas Consumption</b>	<b>121.1</b>	<b>114.6</b>	<b>108.3</b>	<b>101.6</b>	<b>103.2</b>	<b>100.3</b>	▼ -2.9	▼ -6.6
<b>Net LNG Exports</b>	<b>12.5</b>	<b>12.1</b>	<b>12.4</b>	<b>13.0</b>	<b>11.7</b>	<b>12.5</b>	▲ 0.8	▲ 0.1
<b>Total Mexican Exports</b>	<b>6.5</b>	<b>6.4</b>	<b>6.1</b>	<b>6.0</b>	<b>6.1</b>	<b>6.4</b>	▲ 0.3	▲ 0.2
<b>Implied Daily Storage Activity</b>	<b>-39.0</b>	<b>-32.2</b>	<b>-28.2</b>	<b>-18.9</b>	<b>-20.5</b>	<b>-19.2</b>	1.3	
<b>EIA Reported Daily Storage Activity</b>	<b>-38.3</b>	<b>-31.7</b>	<b>-27.1</b>	<b>-18.4</b>	<b>-19.9</b>			
<b>Daily Model Error</b>	<b>-0.7</b>	<b>-0.5</b>	<b>-1.1</b>	<b>-0.4</b>	<b>-0.6</b>			

#### Monthly Balances

	2Yr Ago Mar-20	LY Mar-21	Nov-21	Dec-21	Jan-22	Feb-22	MTD Mar-22	MoM	vs. LY
<b>Lower 48 Dry Production</b>	<b>94.2</b>	<b>91.3</b>	<b>95.7</b>	<b>96.2</b>	<b>94.3</b>	<b>93.5</b>	<b>95.0</b>	▲ 1.5	▲ 3.7
<b>Canadian Imports</b>	<b>4.1</b>	<b>4.8</b>	<b>5.3</b>	<b>4.8</b>	<b>6.7</b>	<b>6.6</b>	<b>5.1</b>	▼ -1.5	▲ 0.3
L48 Power	28.3	24.5	29.2	28.5	30.7	28.2	25.4	▼ -2.8	▲ 0.9
L48 Residential & Commercial	27.6	28.9	28.4	33.8	49.1	43.0	30.0	▼ -13.1	▲ 1.1
L48 Industrial	22.3	19.3	23.0	22.9	26.4	25.5	22.1	▼ -3.4	▲ 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	2.9	▼ -0.5	▲ 0.1
<b>L48 Regional Gas Consumption</b>	<b>86.2</b>	<b>80.4</b>	<b>88.8</b>	<b>93.7</b>	<b>115.2</b>	<b>105.2</b>	<b>85.5</b>	▼ -19.7	▲ 5.1
<b>Net LNG Exports</b>	<b>8.5</b>	<b>11.1</b>	<b>11.4</b>	<b>12.1</b>	<b>12.4</b>	<b>12.4</b>	<b>12.6</b>	▲ 0.2	▲ 1.5
<b>Total Mexican Exports</b>	<b>5.4</b>	<b>6.5</b>	<b>6.1</b>	<b>6.2</b>	<b>6.3</b>	<b>6.2</b>	<b>6.4</b>	▲ 0.3	▼ -0.1
<b>Implied Daily Storage Activity</b>	<b>-1.9</b>	<b>-2.0</b>	<b>-5.3</b>	<b>-11.0</b>	<b>-32.9</b>	<b>-23.7</b>	<b>-4.5</b>		
<b>EIA Reported Daily Storage Activity</b>									
<b>Daily Model Error</b>									

Source: Bloomberg, analytix.ai

## Daily Average Generation Data

### Nuclear Generation Daily Average - GWh (NRC)

	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	DoD	vs. 7D
NRC Nuclear Daily Output	86.1	86.5	85.6	84.2	84.8	84.8	84.8	0.0	-0.5
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	18.8	18.4	19.3	20.7	20.1	20.1	20.1	0.0	0.5
NRC % Nuclear Cap Utilization	87.6	87.9	87.0	85.6	86.2	86.2	86.2	0.0	-0.6

### Wind Generation Daily Average - MWh (EIA)

	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	DoD	vs. 7D
CALI Wind	1131	815	556	1458	4134	4108	2797	-1312	763
TEXAS Wind	7368	5808	5527	8672	20229	17920	19626	1706	8705
US Wind	44805	33509	30790	43315	70830	72905	69704	-3201	20345

### Generation Daily Average - MWh (EIA)

	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	DoD	vs. 7D
US Wind	44805	33509	30790	43315	70830	72905	69704	-3201	20345
US Solar	14095	13809	14938	13208	10606	10640	11902	1262	-981
US Petroleum	3088	3062	3005	2999	2288	1842	2047	204	-667
US Other	7508	6619	6554	6170	5829	6107	6006	-101	-458
US Coal	103169	102077	95520	92244	82130	74567	77039	2473	-14578
US Nuke	90742	90774	89044	88795	88158	87400	86213	-1188	-2939
US Hydro	31969	31548	33434	33762	35633	33727	31981	-1746	-1365
<b>US Gas</b>	<b>153444</b>	<b>153621</b>	<b>145601</b>	<b>141976</b>	<b>129254</b>	<b>111753</b>	<b>106741</b>	<b>-5013</b>	<b>-32534</b>

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	88.1	87.5	90.3	90.2	87.6	84.3			
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	16.8	17.4	14.6	14.7	17.3	20.6	18.4	3.3	1.0	
NRC % Nuclear Cap Utilization	89.6	88.9	91.8	91.7	89.0	85.7	87.9	-3.3	-1.0	

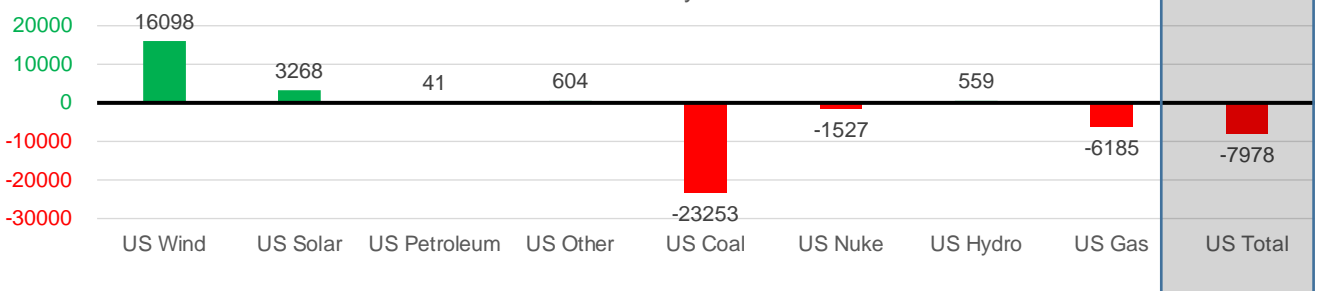
### Wind Generation Monthly Average - MWh (EIA)

	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	1318	2137	1585	1364	1719	2433			
TEXAS Wind	10538	9522	12927	11355	12294	14629	12703	2335	3181	
US Wind	41297	39993	54810	51165	56700	57558	56091	858	16098	

### 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	41297	39993	54810	51165	56700	57558			
US Solar	7194	9150	7376	9476	12081	12363	12418	▲54.3	▲3268	
US Petroleum	3227	3105	3135	5021	3449	2417	3145	▲728	▲41	
US Other	6686	7393	8222	8792	8822	6162	7997	▲1835	▲604	
US Coal	77137	122030	81617	118026	106657	84707	98777	▲14070	▼-23253	
US Nuke	89027	92366	95449	95259	92275	87851	90839	▲2988	▼-1527	
US Hydro	36108	31881	30826	34109	32221	33006	32440	▼-566	▲559	
<b>US Gas</b>	<b>161329</b>	<b>149749</b>	<b>152627</b>	<b>164026</b>	<b>152033</b>	<b>125303</b>	<b>143564</b>	<b>▲17643</b>	<b>▼-6185</b>	
<b>US Total</b>	<b>420531</b>	<b>453854</b>	<b>434177</b>	<b>485998</b>	<b>464789</b>	<b>409996</b>	<b>445876</b>	<b>▲36753</b>	<b>▼-7978</b>	

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

### Regional S/D Models Storage Projection

Week Ending 4-Mar

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-19.1	0.5	-18.6	-130
East	-8.3	2.0	-6.3	-44
Midwest	-5.7	0.0	-5.7	-40
Mountain	3.0	-3.8	-0.7	-5
South Central	-8.2	2.9	-5.2	-37
Pacific	0.0	-0.6	-0.6	-4

\*Adjustment Factor is calculated based on historical regional deltas

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

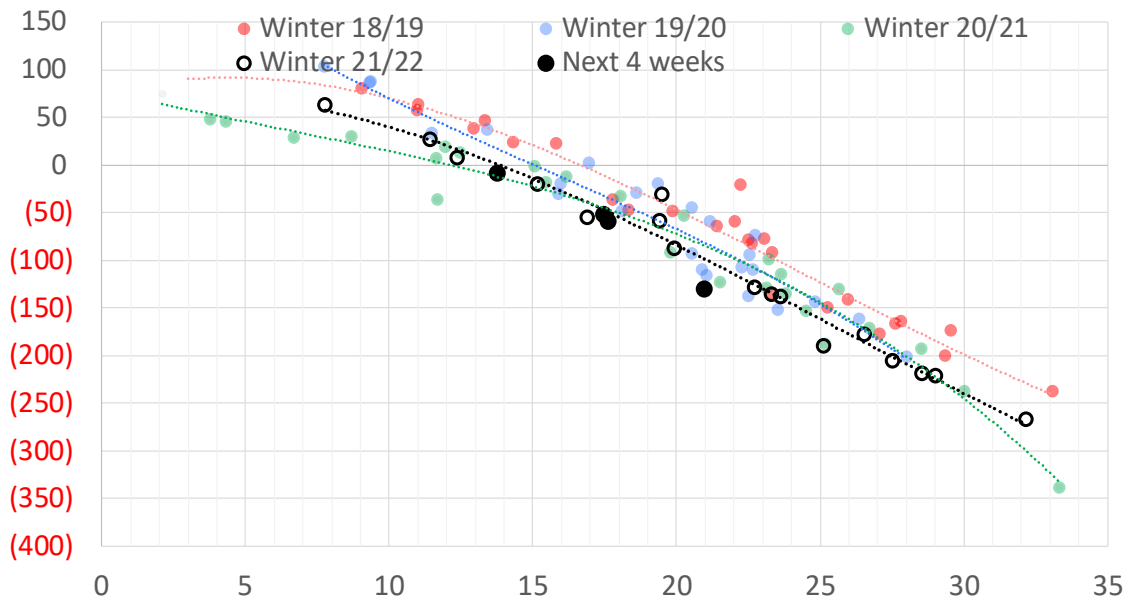


### Weather Model Storage Projection

Next report  
and beyond

Week Ending	GWDDs	Week Storage Projection
04-Mar	21	-130
11-Mar	18	-58
18-Mar	17	-52
25-Mar	14	-8

Weather Storage Model - Next 4 Week Forecast

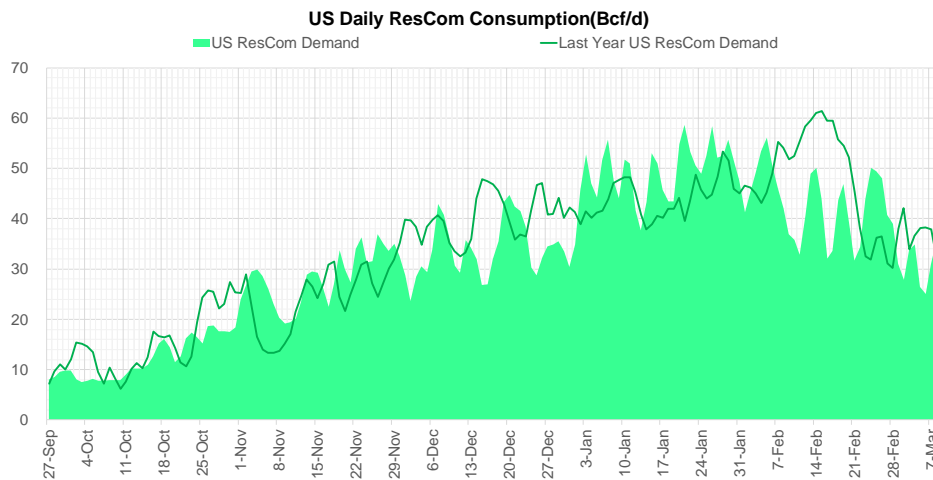
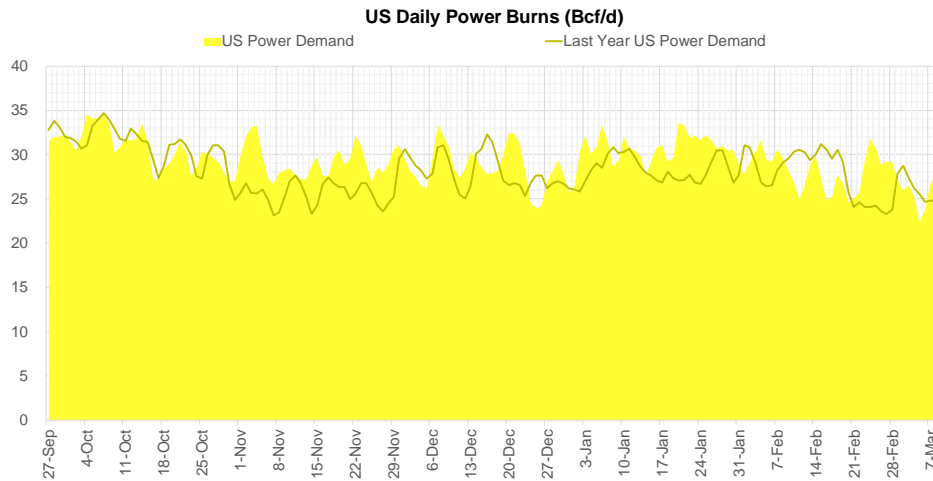
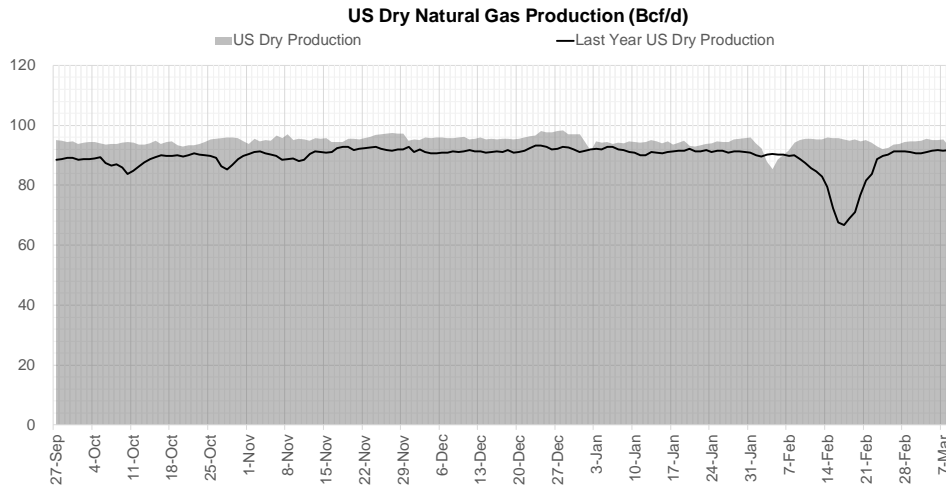


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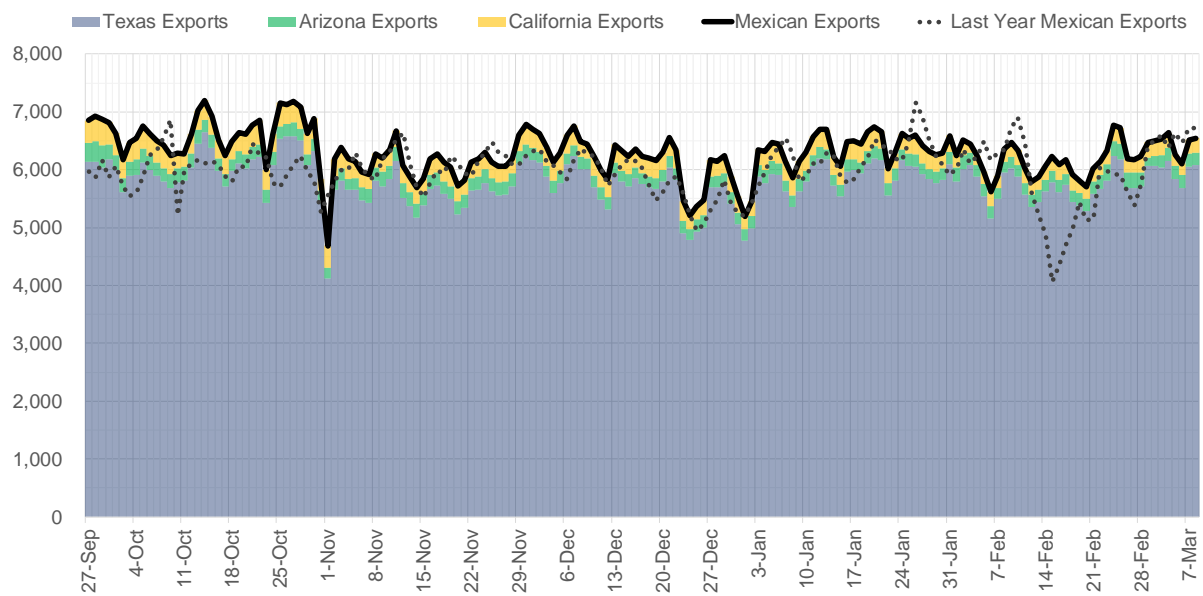
### Supply – Demand Trends



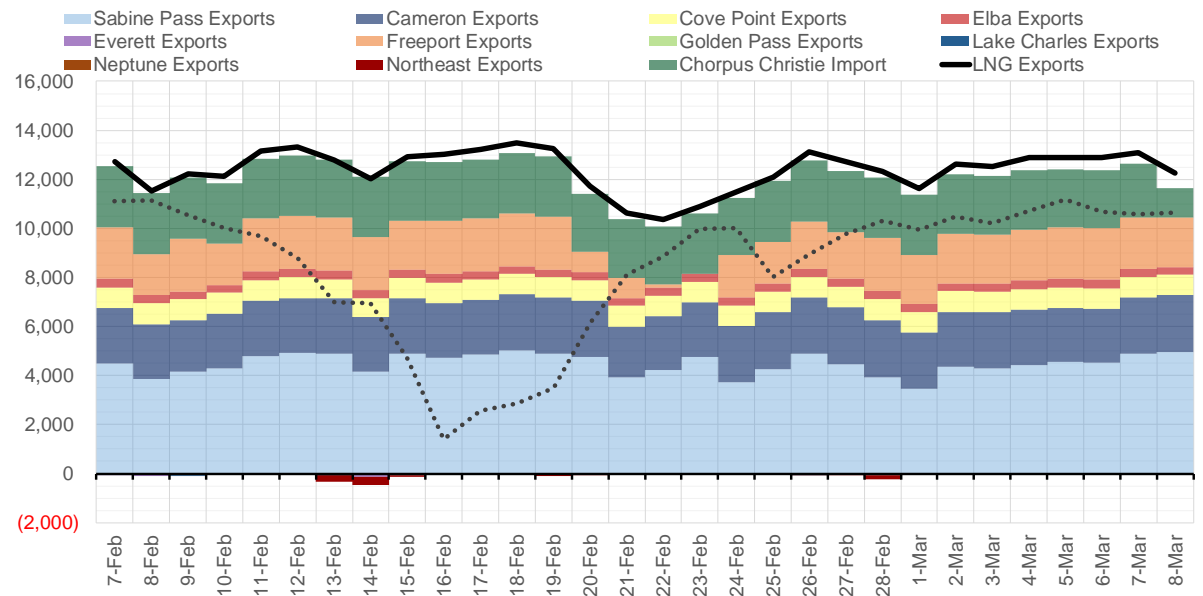
Source: Bloomberg

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

ICE Data not  
updated today

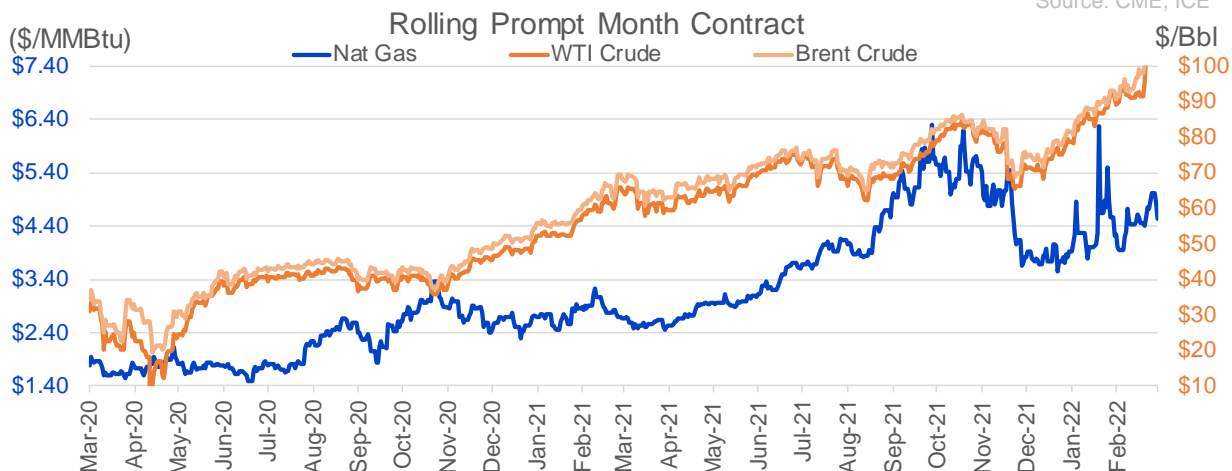
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
4	2022	P	4.50	5153	4	2022	P	3.50	33880
9	2022	P	2.50	5000	4	2022	C	5.00	33833
9	2022	P	2.75	5000	10	2022	C	6.00	30155
4	2022	P	4.00	3974	4	2022	P	3.00	28765
4	2022	P	4.25	3549	4	2022	C	4.75	28297
6	2022	P	4.25	3339	10	2022	C	5.00	25862
12	2022	C	6.00	3227	4	2022	P	4.00	25252
12	2022	C	6.25	2951	4	2022	P	3.75	24818
4	2022	C	6.00	2211	6	2022	C	6.00	23469
6	2022	P	3.75	1966	4	2022	C	6.00	22928
10	2022	P	3.00	1935	5	2022	P	3.00	22501
4	2022	C	5.00	1892	5	2022	C	5.00	22309
1	2023	C	7.00	1850	5	2022	C	6.00	20577
5	2022	C	5.50	1779	9	2022	C	6.00	20375
5	2022	C	5.25	1703	5	2022	P	2.50	20088
3	2023	P	4.25	1703	8	2022	C	6.00	19589
1	2023	C	20.00	1700	7	2022	C	6.00	19498
2	2023	P	5.00	1700	6	2022	C	5.00	18958
6	2022	P	4.75	1650	12	2022	C	5.00	18346
6	2022	C	6.00	1512	4	2022	C	4.50	18320
4	2022	P	4.40	1351	6	2022	P	3.00	17956
7	2022	P	4.00	1007	4	2022	P	4.50	17591
2	2023	C	10.00	1000	10	2022	P	3.00	17575
2	2023	C	11.00	1000	4	2022	C	3.00	17511
7	2022	P	3.50	980	5	2022	P	2.75	17385
4	2022	C	5.50	970	4	2022	P	2.50	17295
7	2022	C	5.00	966	5	2022	P	4.00	17063
10	2022	P	3.50	940	5	2022	P	3.50	17058
6	2022	C	7.00	901	4	2022	C	5.50	16902
4	2022	P	4.75	846	7	2022	P	3.25	16736
10	2022	P	3.75	830	10	2022	C	7.00	16382
3	2023	C	1.00	800	6	2022	P	3.75	15959
3	2023	P	1.00	800	4	2022	C	8.00	14992
5	2022	C	5.00	795	4	2022	P	3.25	14830
4	2022	P	4.30	782	7	2022	P	3.00	14759
7	2022	C	7.50	768	7	2022	C	5.00	14543
4	2022	C	5.25	758	8	2022	P	3.00	14379
7	2022	C	6.00	756	5	2022	C	7.00	14371
5	2022	P	4.00	755	1	2023	C	5.00	14279
9	2022	P	3.75	730	6	2022	C	4.50	13948
4	2022	C	6.45	729	10	2022	P	2.00	13921
7	2022	C	8.00	715	5	2022	C	3.00	13733
5	2022	C	6.00	699	9	2022	P	3.00	13687
5	2022	P	3.50	694	6	2022	C	3.00	13438
5	2022	C	7.00	688	5	2022	C	4.00	13430
6	2022	P	4.00	674	4	2022	C	7.00	13368
4	2022	P	3.50	662	8	2022	C	7.00	13347
6	2022	C	5.00	628	7	2022	C	3.00	13230
9	2022	P	3.00	620	8	2022	C	3.00	13226
					9	2022	C	3	13225

Source: CME, ICE

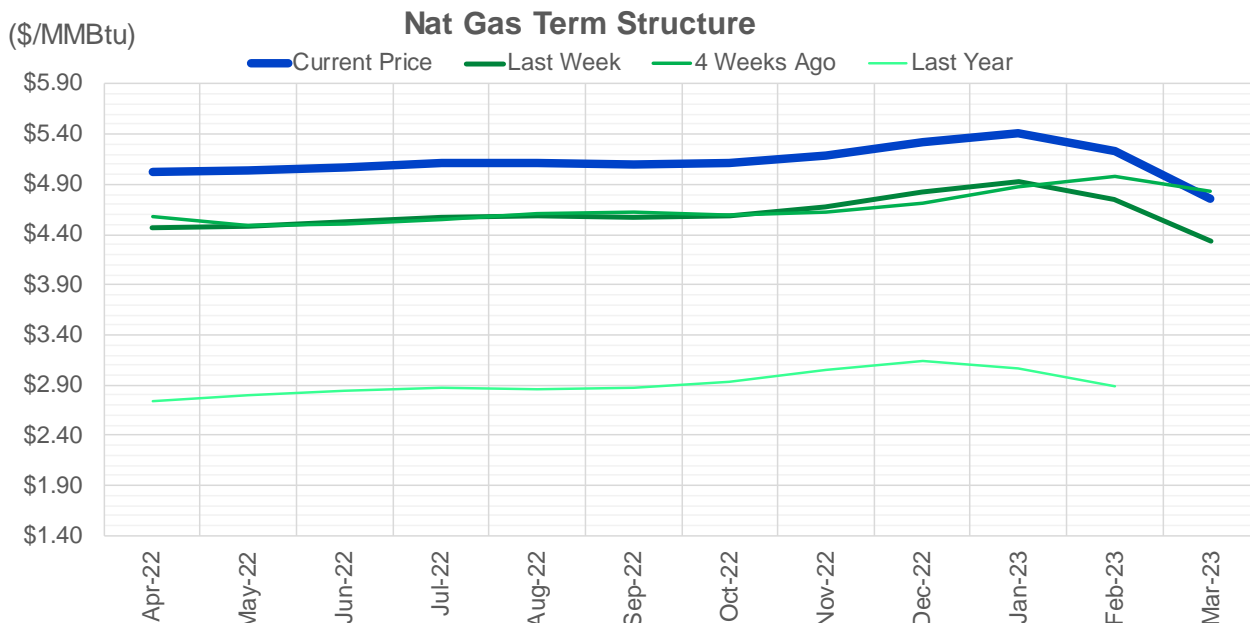
### Nat Gas Futures Open Interest CME and ICE Combined

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	118121	122135	-4014	APR 22	75823	75619	204
MAY 22	198634	195702	2932	MAY 22	79057	79740	-683
JUN 22	70204	70114	90	JUN 22	71915	71907	8
JUL 22	80878	79937	941	JUL 22	67107	67168	-61
AUG 22	45812	45798	14	AUG 22	61910	61683	228
SEP 22	69490	66891	2599	SEP 22	63170	62939	231
OCT 22	82478	81887	591	OCT 22	70924	71844	-920
NOV 22	42473	42962	-489	NOV 22	56268	55983	285
DEC 22	45049	44639	410	DEC 22	65963	65946	17
JAN 23	59318	60161	-843	JAN 23	64250	64439	-189
FEB 23	20916	20985	-69	FEB 23	45792	45678	114
MAR 23	39905	39194	711	MAR 23	50637	50538	99
APR 23	40764	39675	1089	APR 23	48617	48513	104
MAY 23	25334	24865	469	MAY 23	43545	43491	55
JUN 23	14201	14168	33	JUN 23	40159	40069	90
JUL 23	11105	10816	289	JUL 23	39849	39794	55
AUG 23	8851	8732	119	AUG 23	39556	39507	49
SEP 23	12274	12315	-41	SEP 23	39046	38956	90
OCT 23	22335	22062	273	OCT 23	43484	43207	277
NOV 23	10271	10513	-242	NOV 23	40811	40728	83
DEC 23	14215	14203	12	DEC 23	35654	35546	108
JAN 24	16345	16271	74	JAN 24	29914	29906	8
FEB 24	3442	3396	46	FEB 24	20615	20582	34
MAR 24	14453	14483	-30	MAR 24	26325	26267	58
APR 24	6967	7126	-159	APR 24	19996	20028	-32
MAY 24	2395	2393	2	MAY 24	19229	19224	6
JUN 24	1088	1079	9	JUN 24	19044	19065	-22
JUL 24	879	868	11	JUL 24	19786	19793	-7
AUG 24	1022	988	34	AUG 24	19625	19643	-18
SEP 24	1141	1124	17	SEP 24	19299	19234	65



Source: CME, ICE



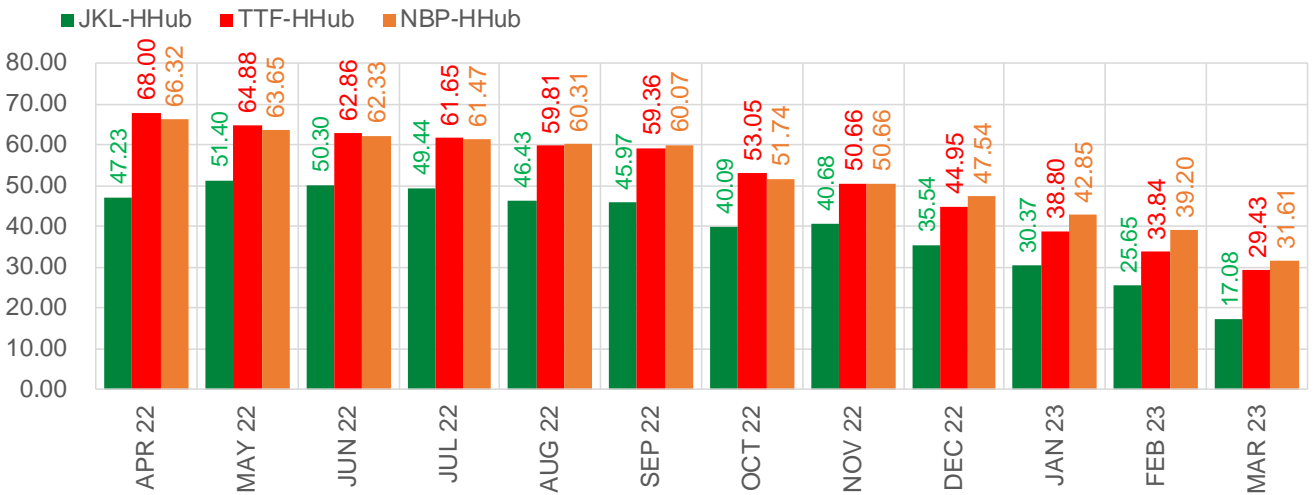
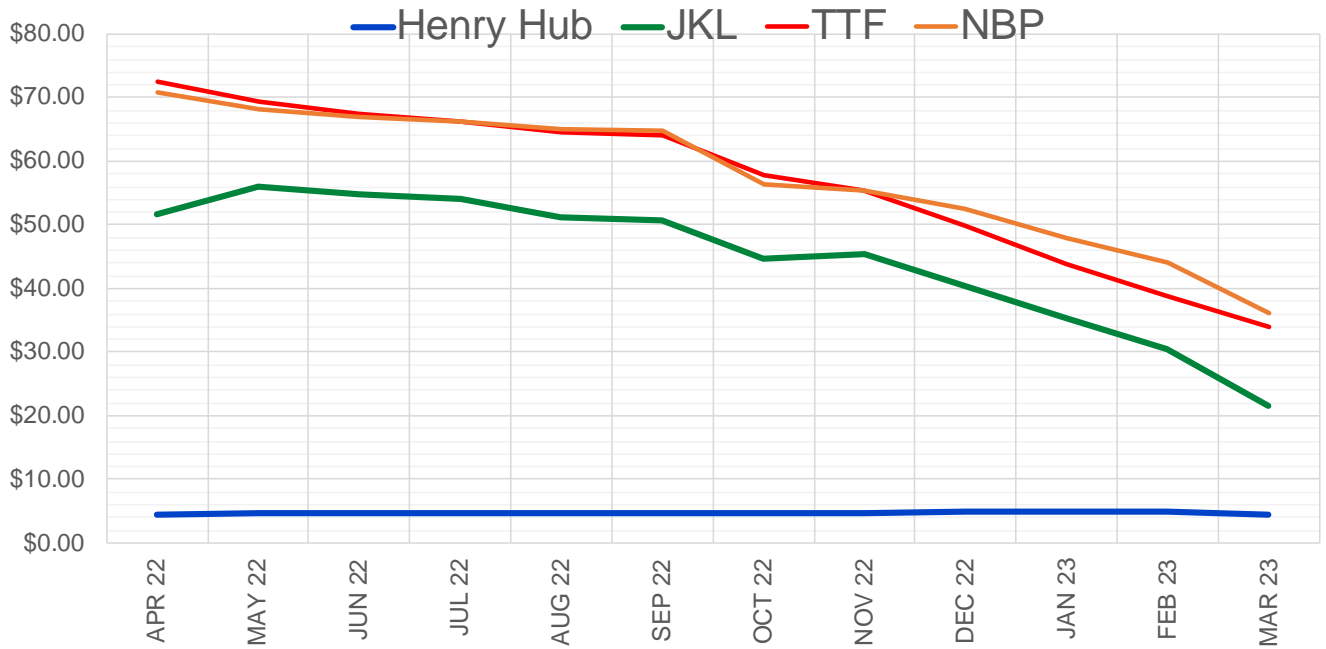
	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
<b>Current Price</b>	<b>\$5.016</b>	<b>\$5.036</b>	<b>\$5.071</b>	<b>\$5.113</b>	<b>\$5.119</b>	<b>\$5.099</b>	<b>\$5.118</b>	<b>\$5.184</b>	<b>\$5.323</b>	<b>\$5.414</b>	<b>\$5.224</b>	<b>\$4.751</b>
Last Week	\$4.470	\$4.485	\$4.528	\$4.578	\$4.585	\$4.568	\$4.589	\$4.673	\$4.830	\$4.927	\$4.753	\$4.341
vs. Last Week	\$0.546	\$0.551	\$0.543	\$0.535	\$0.534	\$0.531	\$0.529	\$0.511	\$0.493	\$0.487	\$0.471	\$0.410
4 Weeks Ago	\$4.572	\$4.492	\$4.511	\$4.554	\$4.606	\$4.617	\$4.598	\$4.620	\$4.705	\$4.873	\$4.980	\$4.831
vs. 4 Weeks Ago	\$0.444	\$0.544	\$0.560	\$0.559	\$0.513	\$0.482	\$0.520	\$0.564	\$0.618	\$0.541	\$0.244	-\$0.080
Last Year	\$2.701	\$2.739	\$2.793	\$2.846	\$2.869	\$2.859	\$2.871	\$2.935	\$3.053	\$3.137	\$3.069	\$2.885
vs. Last Year	\$2.315	\$2.297	\$2.278	\$2.267	\$2.250	\$2.240	\$2.247	\$2.249	\$2.270	\$2.277	\$2.155	\$1.866

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	4.95	4.67	-0.28
TETCO M3	\$/MMBtu	4.48	3.81	-0.67
FGT Zone 3	\$/MMBtu	4.65	4.52	-0.13
Zone 6 NY	\$/MMBtu	4.65	3.80	-0.85
Chicago Citygate	\$/MMBtu	4.73	4.25	-0.48
Michcon	\$/MMBtu	4.73	4.25	-0.48
Columbia TCO Pool	\$/MMBtu	4.37	3.88	-0.49
Ventura	\$/MMBtu	4.63	4.21	-0.42
Rockies/Opal	\$/MMBtu	4.57	3.90	-0.68
El Paso Permian Basin	\$/MMBtu	4.36	3.78	-0.58
Socal Citygate	\$/MMBtu	4.75	4.03	-0.72
Malin	\$/MMBtu	4.18	4.04	-0.14
Houston Ship Channel	\$/MMBtu	4.77	4.21	-0.56
Henry Hub Cash	\$/MMBtu	4.93	4.15	-0.79
AECO Cash	C\$/GJ	4.04	3.39	-0.65
Station2 Cash	C\$/GJ	3.90	3.96	0.06
Dawn Cash	C\$/GJ	4.74	4.29	-0.45

Source: CME, Bloomberg

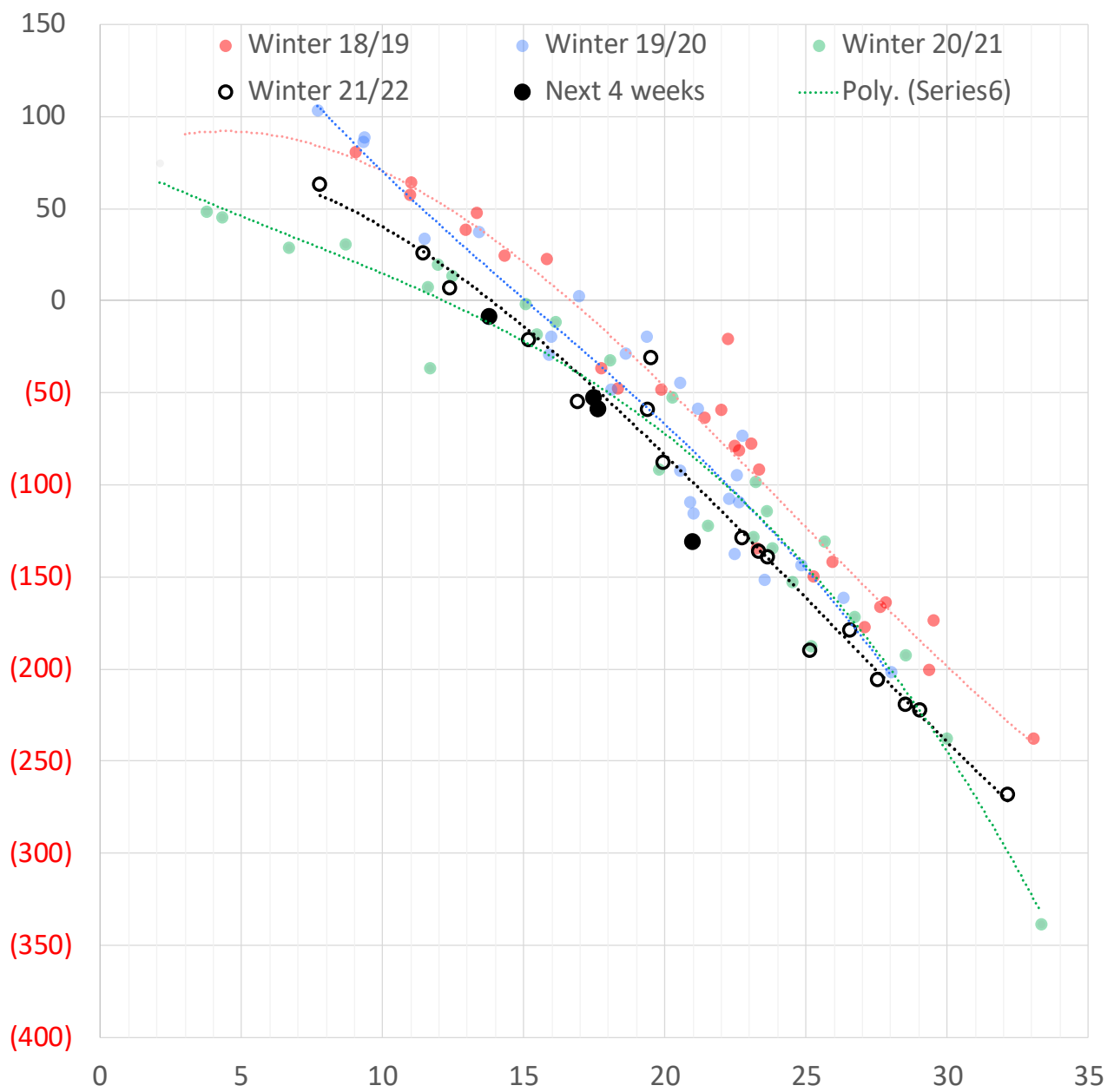
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.200
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.293
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.085
NatGas Apr22/Oct22	\$/MMBtu	0.128	▲ 0.002	▼ -0.010	▲ 0.084
WTI Crude	\$/Bbl	119.40	▲ 23.680	▲ 28.080	▲ 54.350
Brent Crude	\$/Bbl	123.21	▲ 22.220	▲ 30.520	▲ 54.970
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	392.15	▲ 90.810	▲ 106.610	▲ 201.300
Propane, Mt. Bel	cents/Gallon	1.60	▲ 0.287	▲ 0.354	▲ 0.652
Ethane, Mt. Bel	cents/Gallon	0.42	▲ 0.026	▲ 0.033	▲ 0.206
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	\$4.534	\$4.570	\$4.613	\$4.670	\$4.696	\$4.658	\$4.679	\$4.762	\$4.927	\$5.025	\$4.852	\$4.431
JKL	\$51.765	\$55.965	\$54.910	\$54.105	\$51.125	\$50.630	\$44.765	\$45.445	\$40.465	\$35.395	\$30.505	\$21.515
JKL-HHub	\$47.231	\$51.395	\$50.297	\$49.435	\$46.429	\$45.972	\$40.086	\$40.683	\$35.538	\$30.370	\$25.653	\$17.084
TTF	\$72.534	\$69.449	\$67.476	\$66.322	\$64.504	\$64.013	\$57.733	\$55.422	\$49.878	\$43.820	\$38.689	\$33.862
TTF-HHub	\$68.000	\$64.879	\$62.863	\$61.652	\$59.808	\$59.355	\$53.054	\$50.660	\$44.951	\$38.795	\$33.837	\$29.431
NBP	\$70.858	\$68.218	\$66.946	\$66.141	\$65.003	\$64.724	\$56.417	\$55.418	\$52.463	\$47.873	\$44.047	\$36.040
NBP-HHub	\$66.324	\$63.648	\$62.333	\$61.471	\$60.307	\$60.066	\$51.738	\$50.656	\$47.536	\$42.848	\$39.195	\$31.609

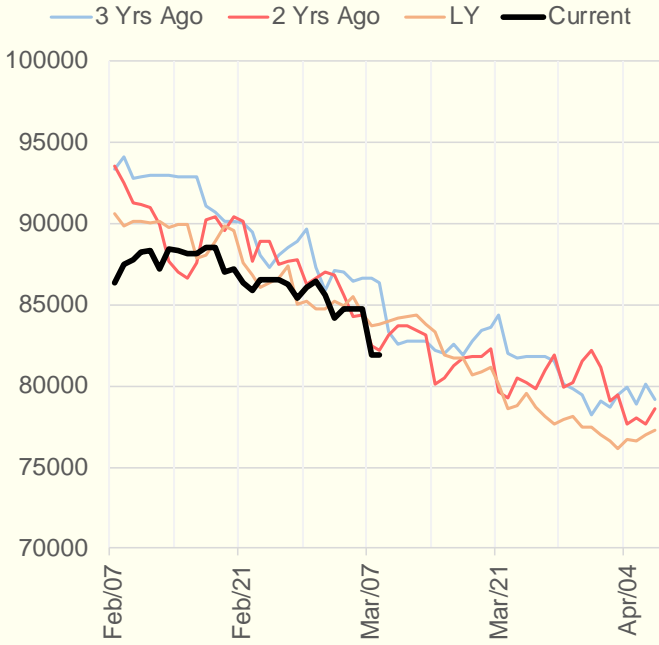
### Weather Storage Model - Next 4 Week Forecast



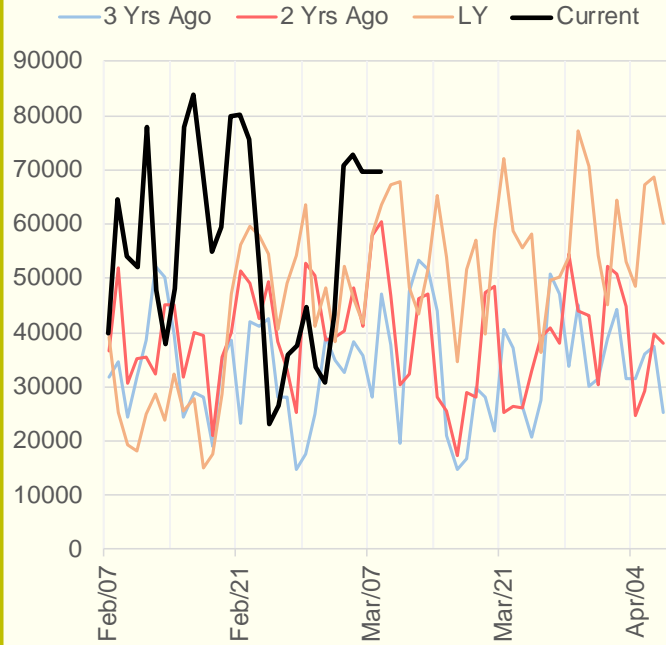
The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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



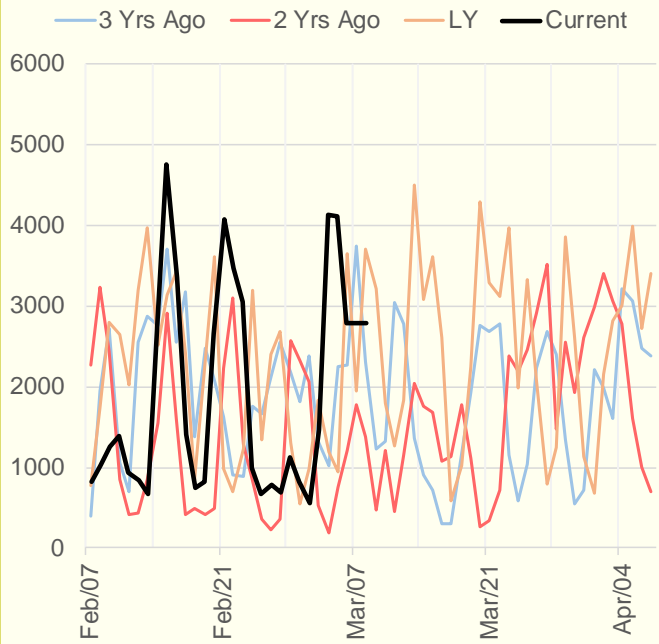
### NRC Nuclear Daily Output



### US Wind



### CALI Wind



### TEXAS Wind

