

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 5.10 ▲	\$ 0.08 ▲	\$ 0.31

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 120.91 ▲	\$ 5.23 ▲	\$ 11.7

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 124.30 ▲	\$ 6.19 ▲	\$ 12.3

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

[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

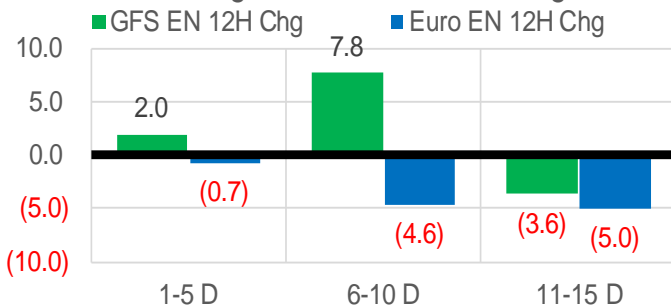
[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

[Price Summary](#)

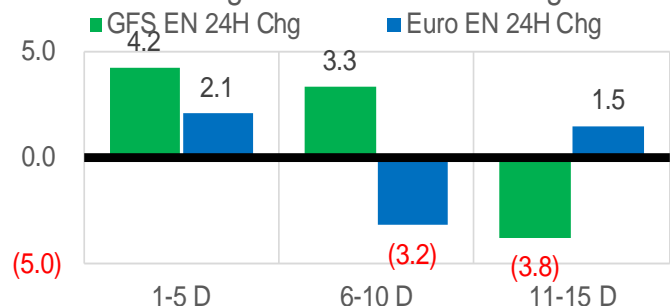
### Vs. 12H Ago

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	95.4 ▲	0.19 ▲	0.50

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	25.1 ▲	0.89 ▲	-0.72 ▼

	Current	Δ from YD	Δ from 7D Avg
US ResComm	29.2 ▲	3.94 ▲	-1.94 ▼

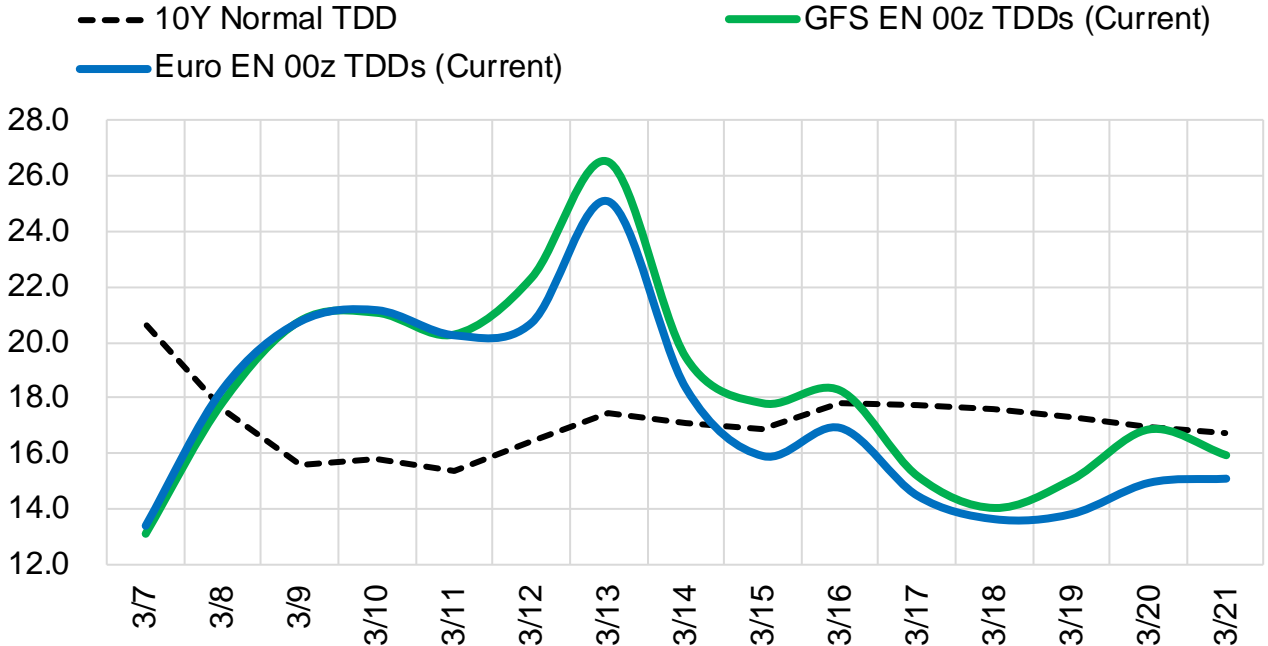
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	4.8 ▼	0.00 ▼	-0.50 ▼

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.9 ▲	0.01 ▲	0.37 ▲

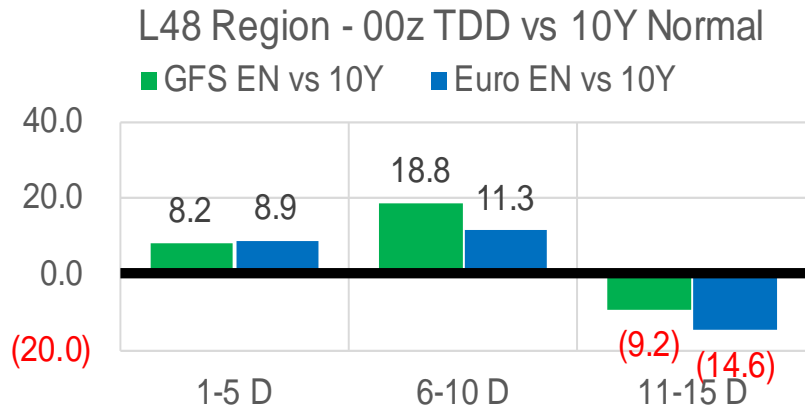
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.3 ▲	0.12 ▲	-0.11 ▼

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

### L48 Region



## Vs. 10Y Normal



Source: WSI , Bloomberg

### Lower 48 Component Models

#### Daily Balances

	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	DoD	vs. 7D
<b>Lower 48 Dry Production</b>	<b>94.7</b>	<b>94.6</b>	<b>94.9</b>	<b>95.4</b>	<b>95.1</b>	<b>95.2</b>	<b>95.4</b>	▲ 0.2	▲ 0.4
<b>Canadian Imports</b>	<b>5.3</b>	<b>5.1</b>	<b>5.5</b>	<b>5.3</b>	<b>4.9</b>	<b>4.8</b>	<b>4.8</b>	▼ 0.0	▼ -0.4
L48 Power	27.1	25.9	26.4	25.4	22.5	24.2	25.1	▲ 0.9	▼ -0.2
L48 Residential & Commercial	31.0	27.7	33.7	34.9	26.5	25.3	29.2	▲ 3.9	▼ -0.6
L48 Industrial	21.4	21.5	22.2	22.5	21.9	22.2	22.8	▲ 0.6	▲ 0.8
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.2	5.2	5.2	5.2	▼ 0.0	▼ 0.0
L48 Pipeline Distribution	3.0	2.8	3.1	3.1	2.6	2.6	2.8	▲ 0.3	▼ 0.0
<b>L48 Regional Gas Consumption</b>	<b>87.7</b>	<b>83.1</b>	<b>90.5</b>	<b>91.2</b>	<b>78.7</b>	<b>79.5</b>	<b>85.1</b>	▲ 5.6	▼ 0.0
<b>Net LNG Delivered</b>	<b>11.63</b>	<b>12.61</b>	<b>12.52</b>	<b>12.88</b>	<b>12.88</b>	<b>12.89</b>	<b>12.91</b>	▲ 0.0	▲ 0.3
<b>Total Mexican Exports</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.6</b>	<b>6.3</b>	<b>6.2</b>	<b>6.3</b>	▲ 0.1	▼ -0.1
<b>Implied Daily Storage Activity</b>	<b>-5.9</b>	<b>-2.5</b>	<b>-9.2</b>	<b>-10.0</b>	<b>2.2</b>	<b>1.4</b>	<b>-4.1</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	27.2	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	25.0	▼ -1.2	▼ -0.9
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>100.1</b>	▼ -3.1	▼ -6.8
<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>-19.1</b>	1.4	
<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	▲ 0.4
L48 Power	28.3	24.5	29.2	28.5	30.7	28.2	25.2	▼ -2.9	▲ 0.7
L48 Residential & Commercial	27.6	28.9	28.4	33.8	49.1	43.0	29.9	▼ -13.2	▲ 1.0
L48 Industrial	22.3	19.3	23.0	22.9	26.4	25.5	22.0	▼ -3.5	▲ 2.7
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>105.1</b>	<b>85.1</b>	▼ -20.0	▲ 4.7
<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	▲ 1.4
<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>-23.6</b>	<b>-4.0</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)

	27-Feb	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	DoD	vs. 7D
NRC Nuclear Daily Output	85.4	86.1	86.5	85.6	84.2	84.8	84.8	0.0	-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	19.5	18.8	18.4	19.3	20.7	20.7	0.0	-20.7	-19.6
NRC % Nuclear Cap Utilization	86.8	87.6	87.9	87.0	85.6	86.2	86.2	0.0	-0.7

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

	27-Feb	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	DoD	vs. 7D
CALI Wind	693	1131	815	556	1458	4134	4108	-26	2644
TEXAS Wind	5990	7368	5808	5527	8672	20229	17920	-2309	8988
US Wind	37569	44805	33509	30790	43315	70830	72905	2075	29436

### Generation Daily Average - MWh (EIA)

	27-Feb	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	DoD	vs. 7D
US Wind	37569	44805	33509	30790	43315	70830	72905	2075	29436
US Solar	12108	14095	13809	14938	13208	10606	10640	34	-2488
US Petroleum	2610	3088	3062	3005	2999	2288	1842	-446	-1000
US Other	7427	7498	6619	6554	6170	5829	6107	278	-576
US Coal	103182	103169	102077	95520	92244	82130	74567	-7564	-21820
US Nuke	90127	90742	90774	89044	88795	88158	87400	-758	-2206
US Hydro	29396	31969	31548	33434	33762	35632	33727	-1905	1103
<b>US Gas</b>	<b>151984</b>	<b>153429</b>	<b>153621</b>	<b>145601</b>	<b>141976</b>	<b>129254</b>	<b>111753</b>	<b>-17501</b>	<b>-34224</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	88.5	87.7	90.3	90.2	87.6	85.0			
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	16.4	17.2	14.6	14.7	17.3	11.3	16.2	-6.0	-1.1	
NRC % Nuclear Cap Utilization	90.0	89.1	91.8	91.7	89.0	86.5	88.2	-2.5	-0.9	

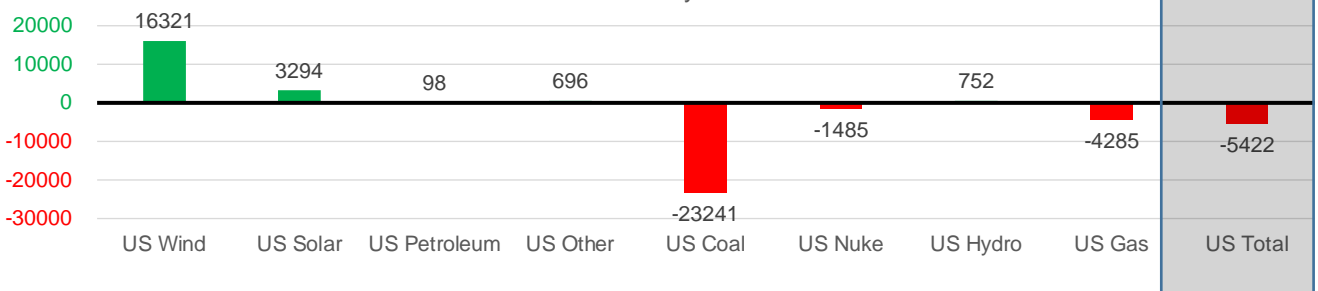
### Wind Generation Monthly Average - MWh (EIA)

	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	1282	2030	1585	1364	1719	2755			
TEXAS Wind	10212	9337	12927	11355	12294	13428	12362	1134	3024	
US Wind	40373	39661	54810	51165	56700	56737	55982	37	16321	

### 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	40373	39661	54810	51165	56700	56737			
US Solar	7156	9026	7376	9476	12066	12069	12320	▲ 251.4	▲ 3294	
US Petroleum	3269	3087	3135	5021	3449	2412	3185	▲ 773	▲ 98	
US Other	6698	7428	8222	8792	8812	6213	8124	▲ 1910	▲ 696	
US Coal	77853	123139	81617	118026	106657	85096	99898	▲ 14802	▼ -23241	
US Nuke	89368	92590	95449	95259	92275	88424	91105	▲ 2681	▼ -1485	
US Hydro	36404	31842	30826	34109	32221	33651	32594	▼ -1057	▲ 752	
<b>US Gas</b>	<b>163028</b>	<b>149708</b>	<b>152627</b>	<b>164026</b>	<b>152022</b>	<b>129387</b>	<b>145423</b>	<b>▲ 18605</b>	<b>▼ -4285</b>	
<b>US Total</b>	<b>422578</b>	<b>454670</b>	<b>434177</b>	<b>485998</b>	<b>464754</b>	<b>414699</b>	<b>449248</b>	<b>▲ 37965</b>	<b>▼ -5422</b>	

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

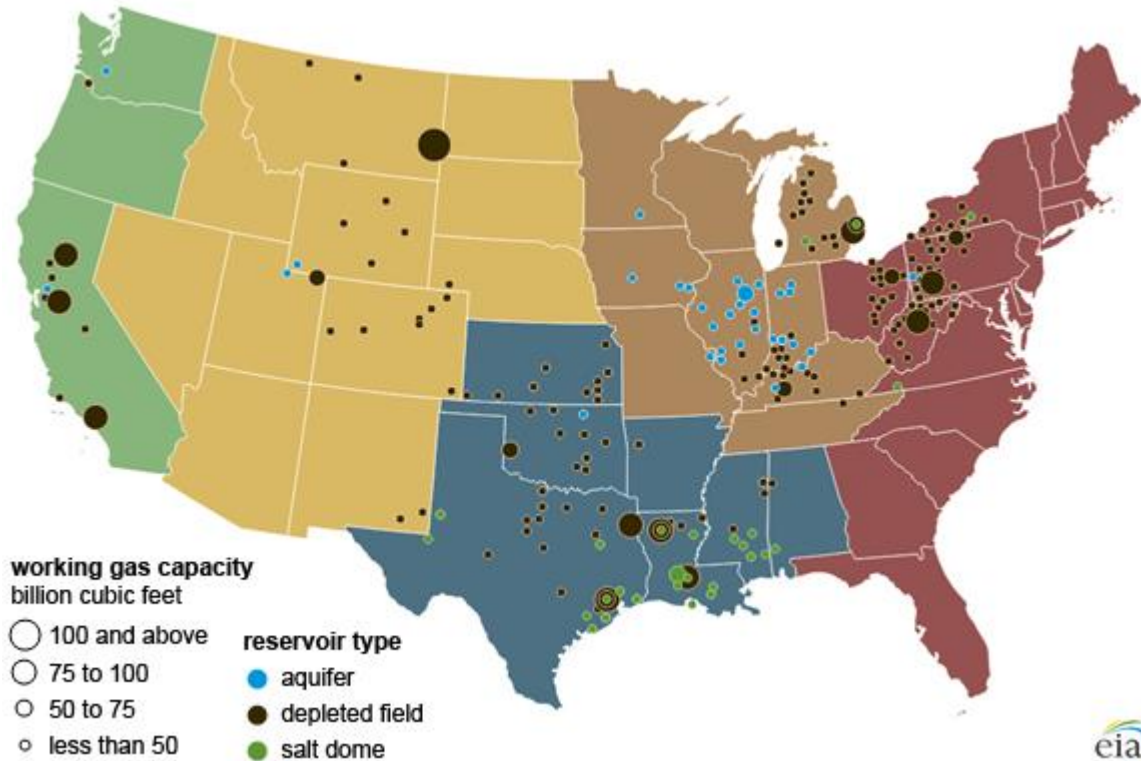
### Regional S/D Models Storage Projection

Week Ending 4-Mar

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-18.9	0.5	-18.4	-129
East	-8.2	2.0	-6.2	-44
Midwest	-5.7	0.0	-5.7	-40
Mountain	3.0	-3.8	-0.7	-5
South Central	-8.1	2.9	-5.2	-36
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)

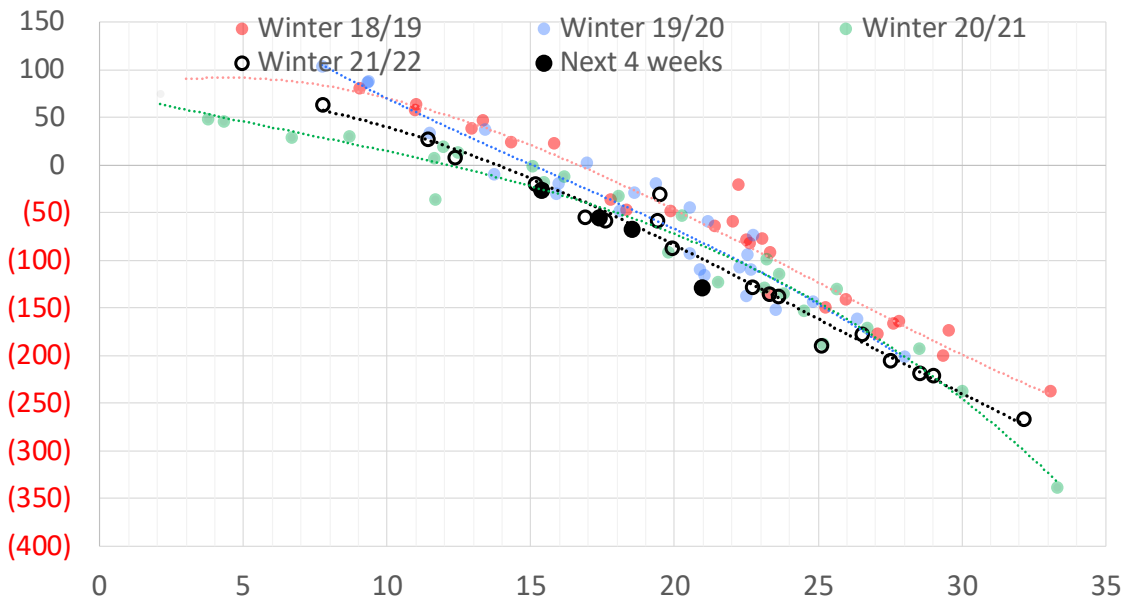


### Weather Model Storage Projection

Next report  
and beyond

Week Ending	GWDDs	Week Storage Projection
04-Mar	21	-129
11-Mar	17	-55
18-Mar	19	-66
25-Mar	15	-26

Weather Storage Model - Next 4 Week Forecast

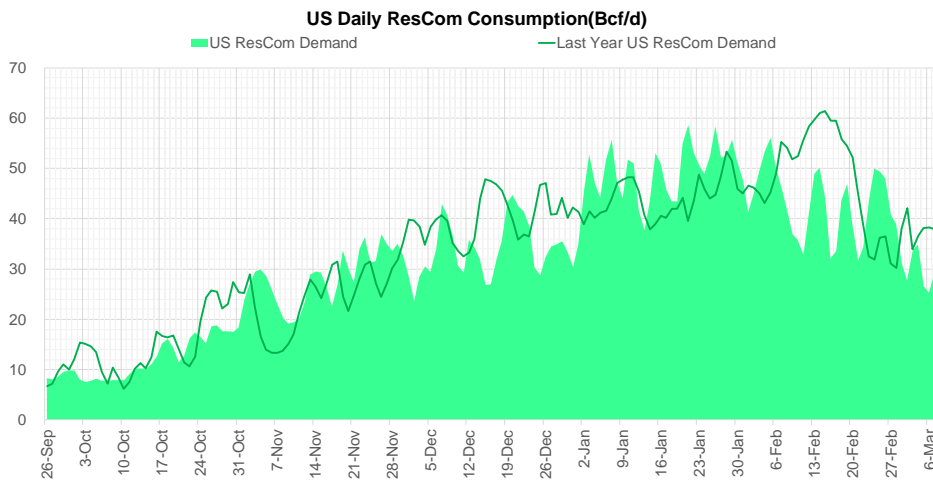
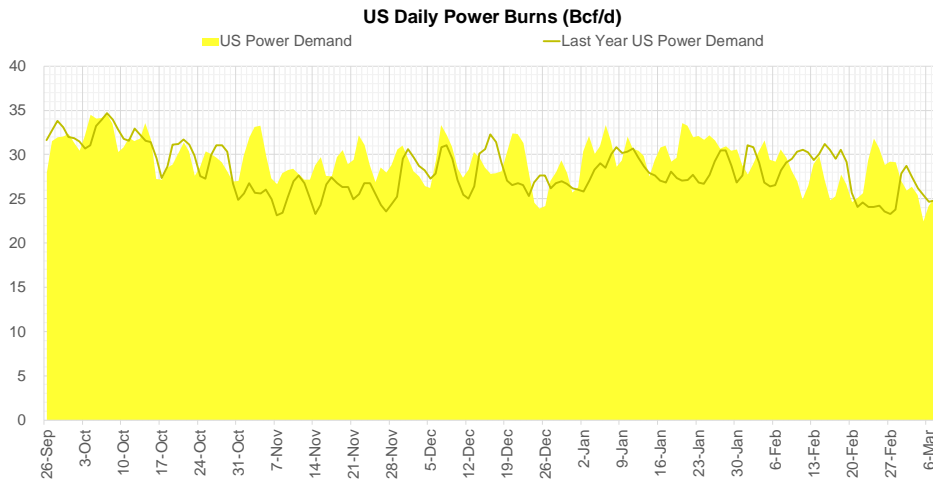
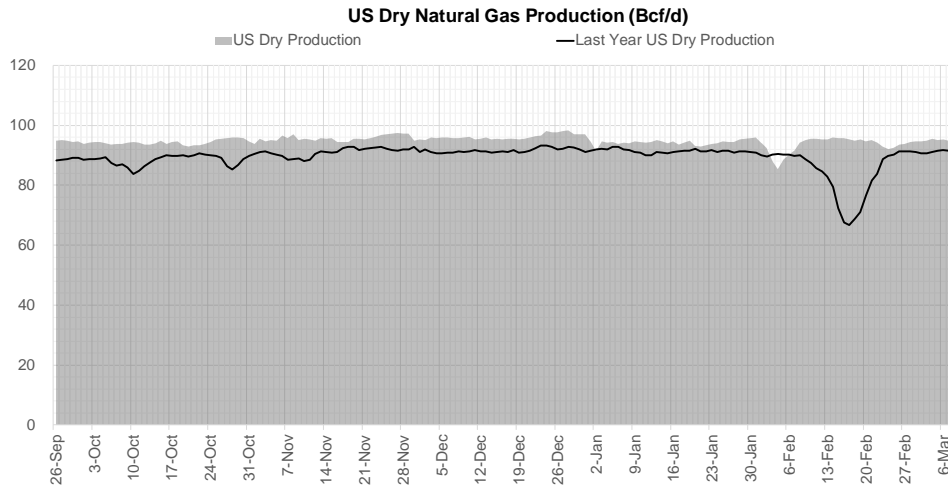


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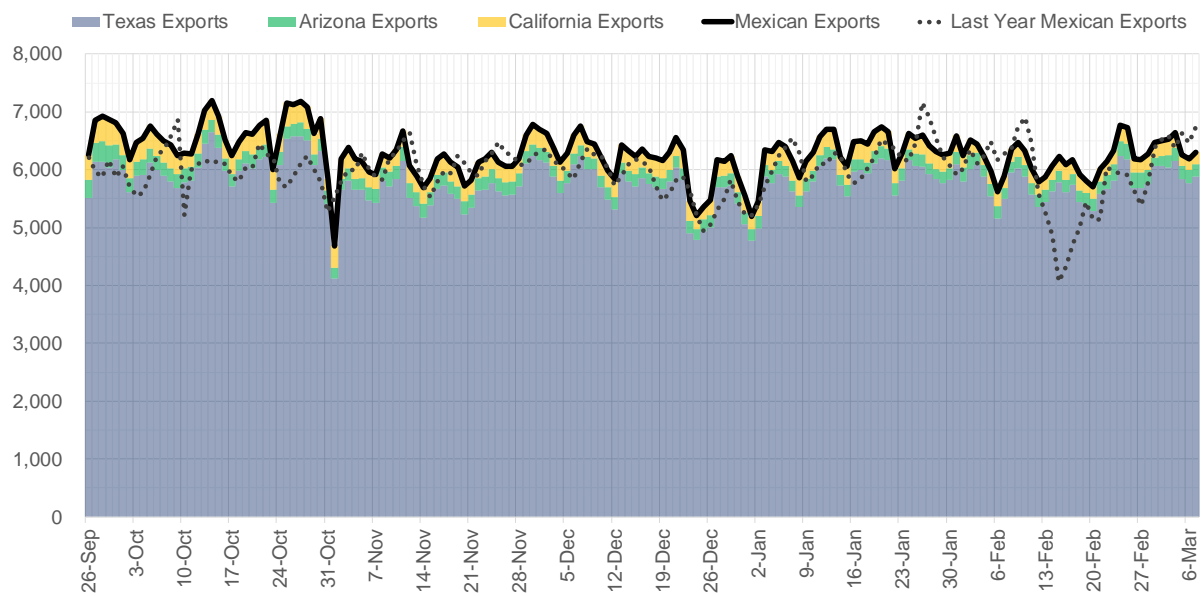
## Supply – Demand Trends



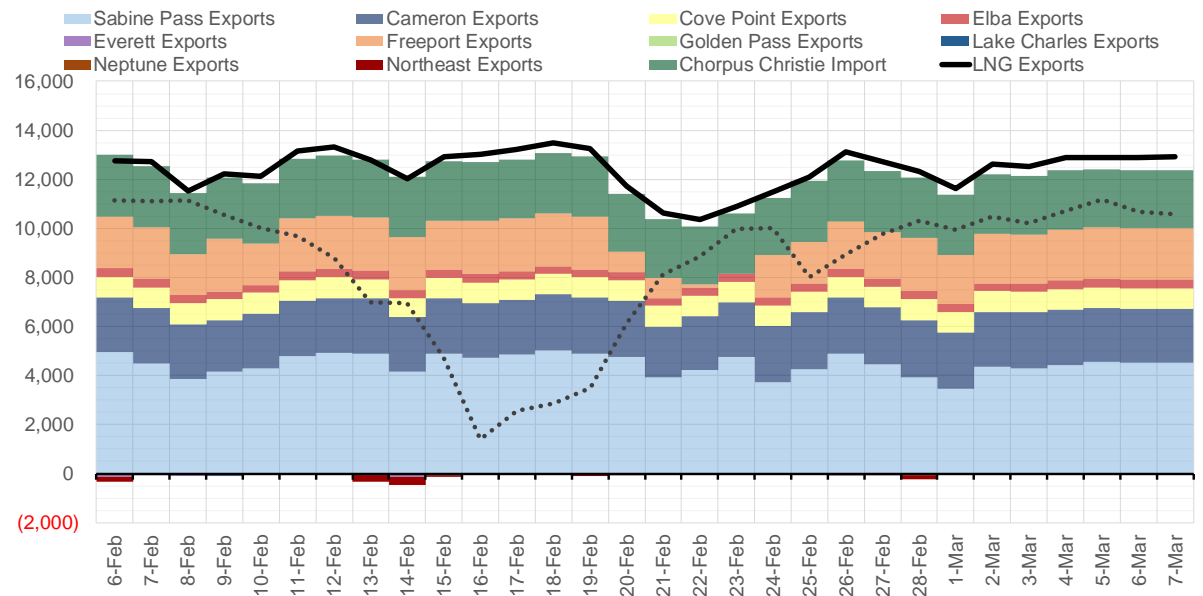
Source: Bloomberg

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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

ICE Data not  
updated today

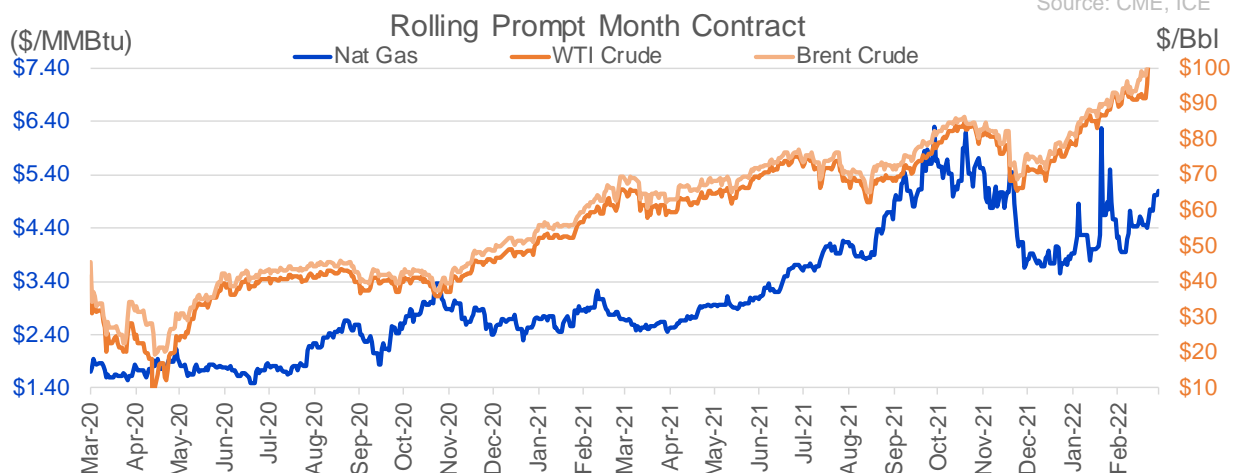
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
4	2022	P	3.75	16250	4	2022	P	3.50	32924
6	2022	P	3.75	10793	4	2022	C	5.00	31830
4	2022	P	4.00	7501	4	2022	P	3.00	29065
4	2022	C	6.00	4205	10	2022	C	6.00	28464
4	2022	P	4.50	3845	4	2022	C	4.75	28460
7	2022	C	6.00	3727	10	2022	C	5.00	25566
10	2022	C	6.00	3526	4	2022	P	4.00	24638
4	2022	C	5.00	3489	6	2022	C	6.00	23319
8	2022	C	6.00	3446	5	2022	P	3.00	22451
5	2022	C	6.00	3417	4	2022	C	6.00	22010
9	2022	C	6.00	3344	5	2022	C	5.00	21786
4	2022	P	3.50	3226	4	2022	P	3.75	21691
5	2022	P	3.50	3079	5	2022	P	2.50	20088
4	2022	C	5.50	2689	5	2022	C	6.00	19651
5	2022	C	5.50	2420	9	2022	C	6.00	18644
8	2022	C	7.00	2387	6	2022	C	5.00	18606
7	2022	C	7.00	2287	12	2022	C	5.00	18346
9	2022	C	7.00	2275	4	2022	C	4.50	18324
10	2022	C	7.00	2261	6	2022	P	3.00	18106
7	2022	C	8.00	2255	10	2022	P	3.00	17954
12	2022	C	6.25	2200	8	2022	C	6.00	17734
3	2023	C	6.00	2100	4	2022	P	4.50	17529
4	2022	C	7.00	2085	4	2022	C	3.00	17511
5	2022	C	5.00	2053	5	2022	P	2.75	17385
3	2023	C	20.00	2050	4	2022	C	5.50	17338
5	2022	P	4.00	2038	4	2022	P	2.50	17295
7	2022	C	7.50	1751	7	2022	C	6.00	16854
12	2022	C	5.25	1700	7	2022	P	3.25	16736
4	2022	P	4.25	1619	5	2022	P	4.00	16318
4	2022	P	4.75	1548	6	2022	P	3.75	16078
5	2022	C	7.00	1426	4	2022	C	8.00	15130
6	2022	P	3.25	1420	4	2022	P	3.25	14830
4	2022	P	5.00	1407	10	2022	C	7.00	14773
6	2022	C	6.00	1401	7	2022	P	3.00	14709
4	2022	C	5.25	1318	5	2022	P	3.50	14537
6	2022	P	3.50	1216	8	2022	P	3.00	14478
4	2022	C	5.10	1206	7	2022	C	5.00	14358
2	2023	C	10.00	1000	5	2022	C	7.00	14290
4	2023	C	10.00	1000	1	2023	C	5.00	14279
5	2023	C	10.00	1000	6	2022	C	4.50	13949
6	2023	C	10.00	1000	10	2022	P	2.00	13921
5	2022	C	6.50	997	4	2022	C	7.00	13794
5	2022	C	5.75	968	9	2022	P	3.00	13787
1	2023	C	10.00	965	5	2022	C	3.00	13733
3	2023	C	10.00	950	12	2022	C	6.25	13633
6	2022	C	6.50	876	6	2022	C	3.00	13438
8	2022	C	5.50	844	5	2022	C	4.00	13430
10	2022	C	6.50	819	7	2022	C	3.00	13230
4	2022	P	4.65	814	8	2022	C	3.00	13226
					9	2022	C	3	13225

Source: CME, ICE

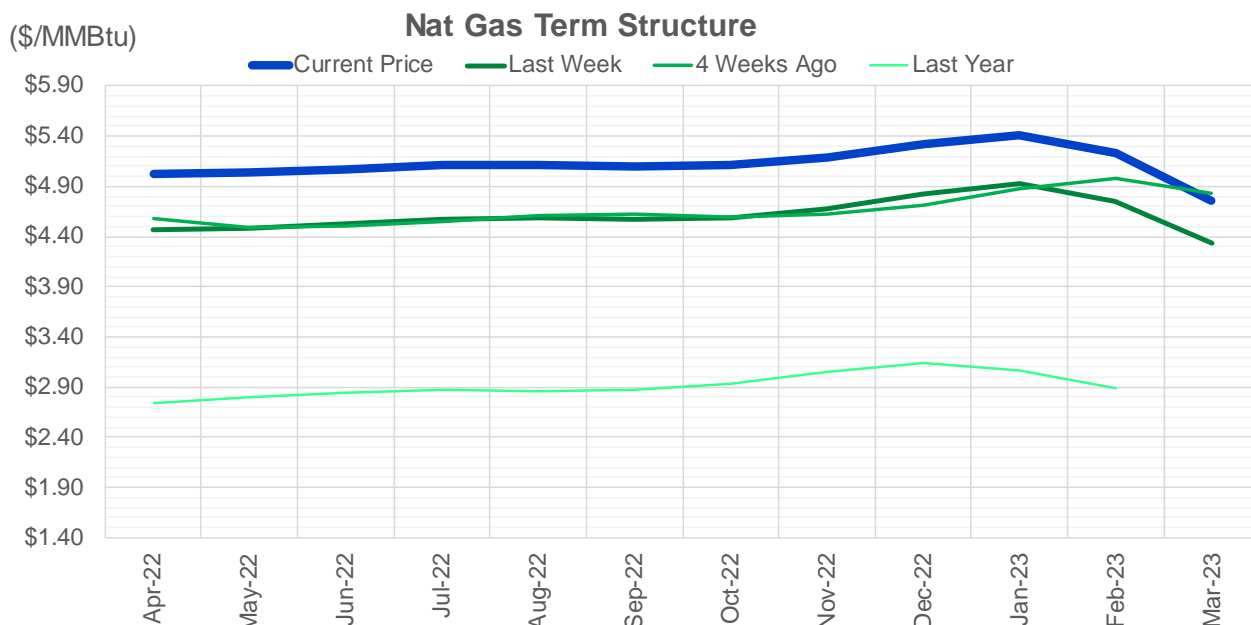
### Nat Gas Futures Open Interest CME and ICE Combined

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	122128	124138	-2010	APR 22	79956	82059	-2103
MAY 22	195672	193456	2216	MAY 22	80896	80438	458
JUN 22	70114	71808	-1694	JUN 22	72388	71986	402
JUL 22	79937	79624	313	JUL 22	67208	66620	589
AUG 22	45798	45240	558	AUG 22	61661	61592	69
SEP 22	66885	66511	374	SEP 22	62654	62470	184
OCT 22	81907	83118	-1211	OCT 22	71379	70549	830
NOV 22	42963	43193	-230	NOV 22	55948	56044	-96
DEC 22	44639	43641	998	DEC 22	65601	65767	-166
JAN 23	60163	61760	-1597	JAN 23	63970	62603	1367
FEB 23	20984	21179	-195	FEB 23	45593	45472	122
MAR 23	39194	39229	-35	MAR 23	50346	50142	204
APR 23	39675	39157	518	APR 23	48455	48388	67
MAY 23	24865	24263	602	MAY 23	43030	43123	-93
JUN 23	14168	14141	27	JUN 23	39963	39848	115
JUL 23	10816	10536	280	JUL 23	39740	39622	119
AUG 23	8732	7884	848	AUG 23	39334	39388	-54
SEP 23	12315	12017	298	SEP 23	38851	38721	130
OCT 23	22062	22143	-81	OCT 23	43145	43061	85
NOV 23	10513	11095	-582	NOV 23	40695	40693	2
DEC 23	14203	14226	-23	DEC 23	35433	35401	32
JAN 24	16271	15860	411	JAN 24	29268	28818	450
FEB 24	3396	3392	4	FEB 24	20056	19941	115
MAR 24	14483	14197	286	MAR 24	25915	25941	-26
APR 24	7126	7008	118	APR 24	20183	20037	147
MAY 24	2393	2392	1	MAY 24	19037	19025	12
JUN 24	1079	1077	2	JUN 24	18881	18764	117
JUL 24	868	868	0	JUL 24	19607	19587	19
AUG 24	988	988	0	AUG 24	19356	19306	51
SEP 24	1124	1124	0	SEP 24	19050	19039	12



Source: CME, ICE



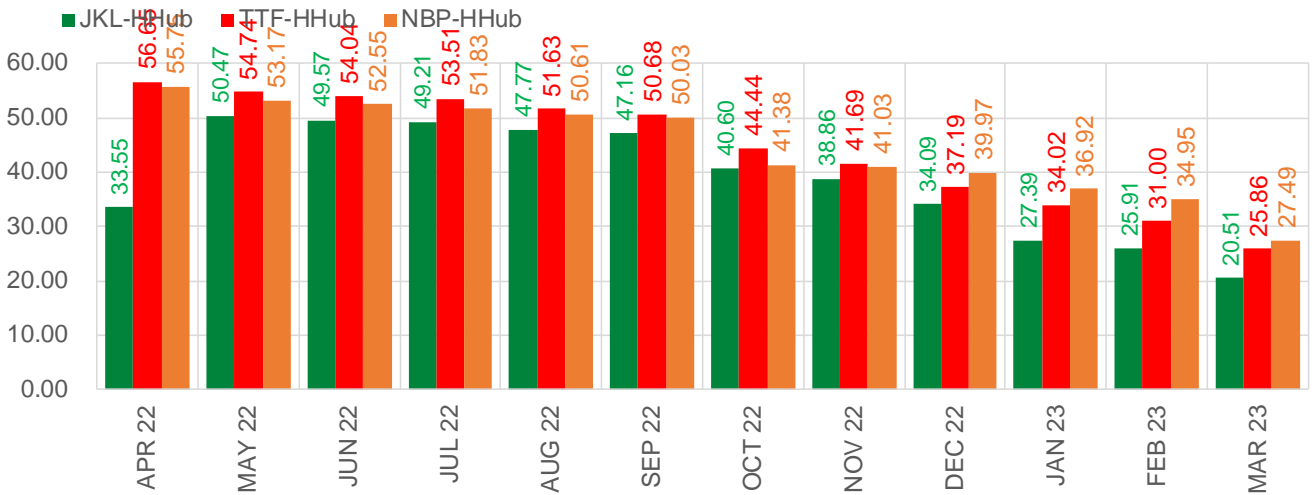
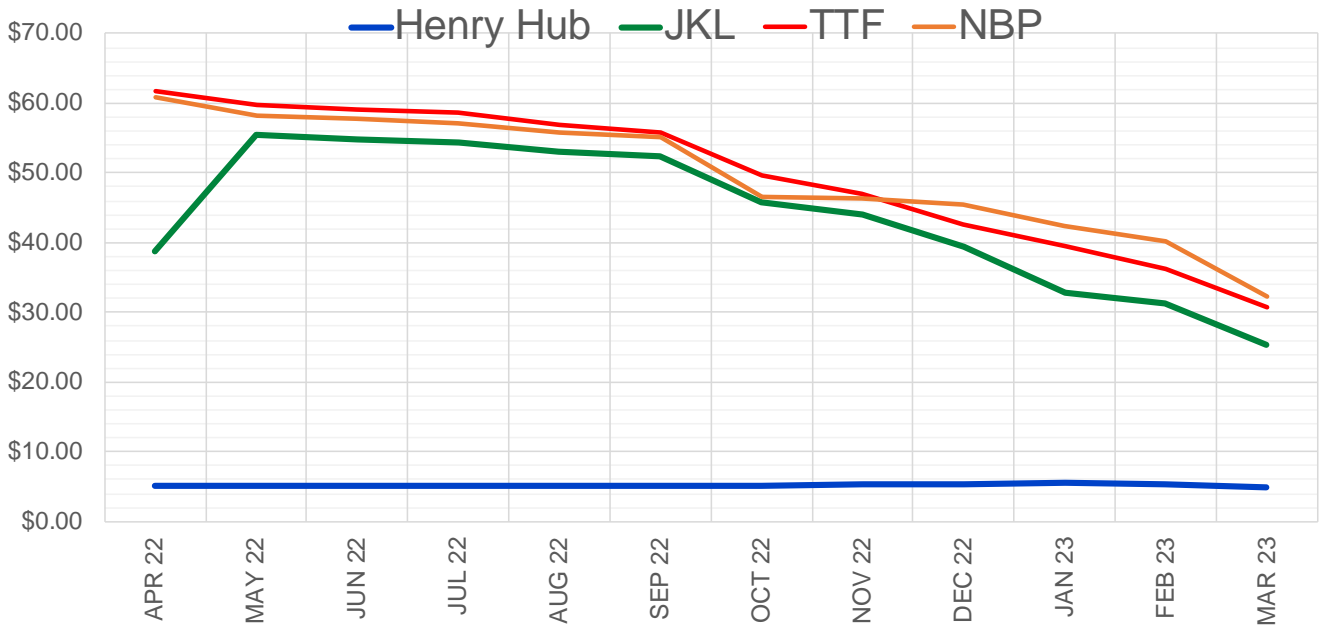
	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
<b>Current Price</b>	\$5.016	\$5.036	\$5.071	\$5.113	\$5.119	\$5.099	\$5.118	\$5.184	\$5.323	\$5.414	\$5.224	\$4.751
Last Week	\$4.470	\$4.485	\$4.528	\$4.578	\$4.585	\$4.568	\$4.589	\$4.673	\$4.830	\$4.927	\$4.753	\$4.341
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	4.67	4.79	0.12
TETCO M3	\$/MMBtu	3.94	3.87	-0.07
FGT Zone 3	\$/MMBtu	0.29	4.60	4.31
Zone 6 NY	\$/MMBtu	0.29	3.87	3.58
Chicago Citygate	\$/MMBtu	4.56	4.34	-0.23
Michcon	\$/MMBtu	4.58	4.33	-0.25
Columbia TCO Pool	\$/MMBtu	4.09	3.94	-0.15
Ventura	\$/MMBtu	4.38	4.29	-0.09
Rockies/Opal	\$/MMBtu	4.26	3.98	-0.28
El Paso Permian Basin	\$/MMBtu	4.02	3.85	-0.17
Socal Citygate	\$/MMBtu	4.64	4.11	-0.53
Malin	\$/MMBtu	4.18	4.12	-0.06
Houston Ship Channel	\$/MMBtu	4.50	4.29	-0.21
Henry Hub Cash	\$/MMBtu	4.74	4.23	-0.51
AECO Cash	C\$/GJ	4.07	3.51	-0.56
Station2 Cash	C\$/GJ	4.02	4.04	0.02
Dawn Cash	C\$/GJ	4.68	4.37	-0.31

Source: CME, Bloomberg

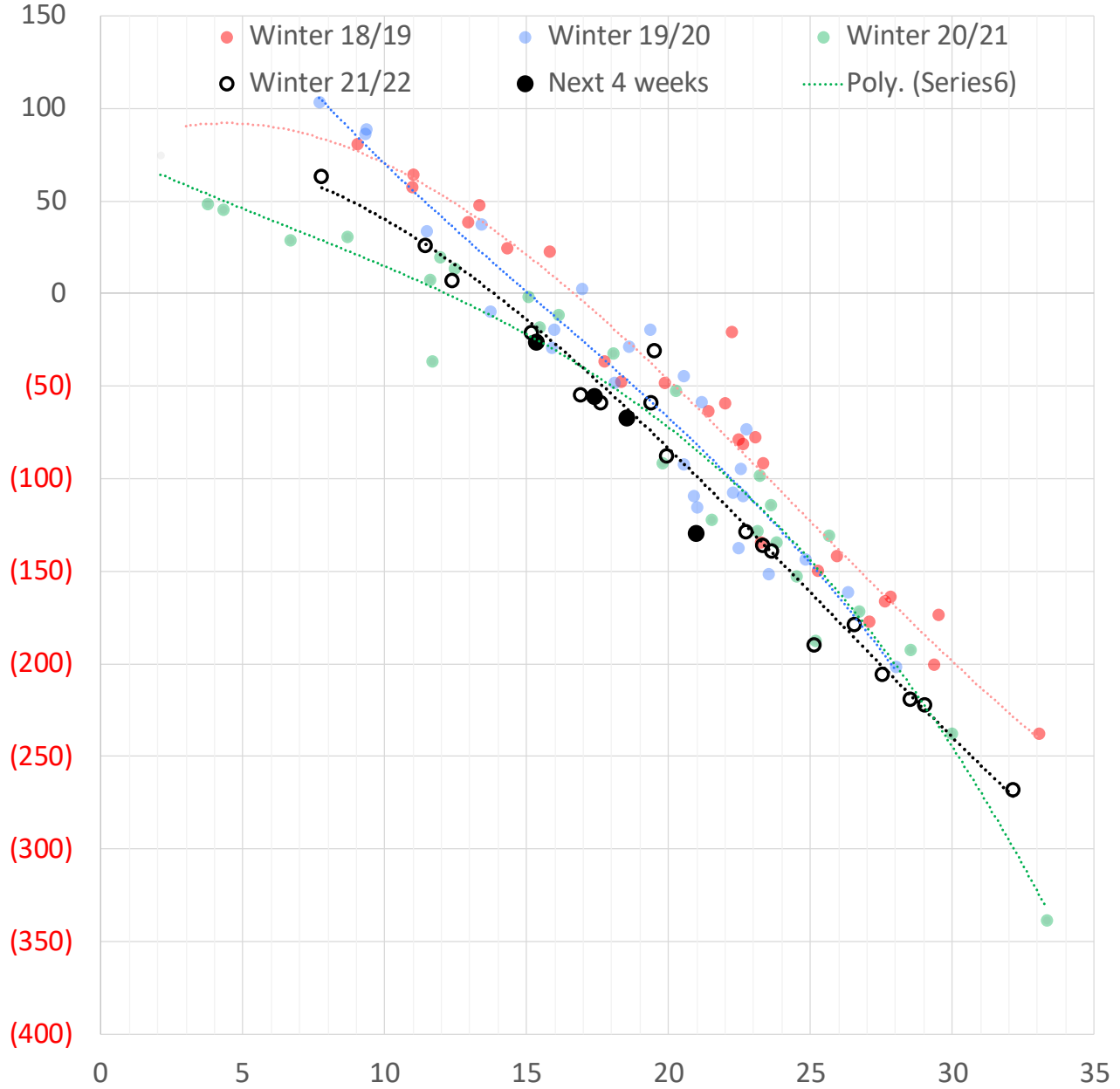
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.199
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.297
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.083
NatGas Apr22/Oct22	\$/MMBtu	0.102	▼ -0.017	▼ -0.026	▲ 0.068
WTI Crude	\$/Bbl	115.68	▲ 24.090	▲ 23.370	▲ 49.590
Brent Crude	\$/Bbl	118.11	▲ 20.180	▲ 24.840	▲ 48.750
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	377.63	▲ 92.680	▲ 90.120	▲ 183.230
Propane, Mt. Bel	cents/Gallon	1.60	▲ 0.290	▲ 0.319	▲ 0.634
Ethane, Mt. Bel	cents/Gallon	0.43	▲ 0.031	▲ 0.025	▲ 0.219
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
<b>Henry Hub</b>	\$5.099	\$5.113	\$5.150	\$5.192	\$5.197	\$5.180	\$5.198	\$5.273	\$5.404	\$5.504	\$5.314	\$4.813
<b>JKL</b>	\$38.650	\$55.580	\$54.715	\$54.405	\$52.970	\$52.335	\$45.800	\$44.135	\$39.490	\$32.890	\$31.220	\$25.320
<b>JKL-HH</b>	\$33.551	\$50.467	\$49.565	\$49.213	\$47.773	\$47.155	\$40.602	\$38.862	\$34.086	\$27.386	\$25.906	\$20.507
<b>TTF</b>	\$61.747	\$59.850	\$59.192	\$58.697	\$56.826	\$55.859	\$49.637	\$46.966	\$42.592	\$39.527	\$36.309	\$30.668
<b>TTF-HH</b>	\$56.648	\$54.737	\$54.042	\$53.505	\$51.629	\$50.679	\$44.439	\$41.693	\$37.188	\$34.023	\$30.995	\$25.855
<b>NBP</b>	\$60.844	\$58.286	\$57.702	\$57.024	\$55.808	\$55.210	\$46.579	\$46.304	\$45.374	\$42.428	\$40.265	\$32.304
<b>NBP-HH</b>	\$55.745	\$53.173	\$52.552	\$51.832	\$50.611	\$50.030	\$41.381	\$41.031	\$39.970	\$36.924	\$34.951	\$27.491

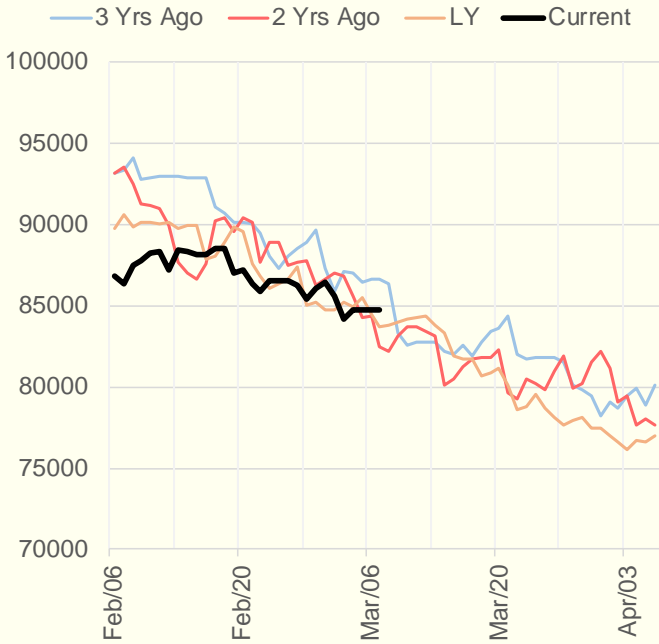
### Weather Storage Model - Next 4 Week Forecast



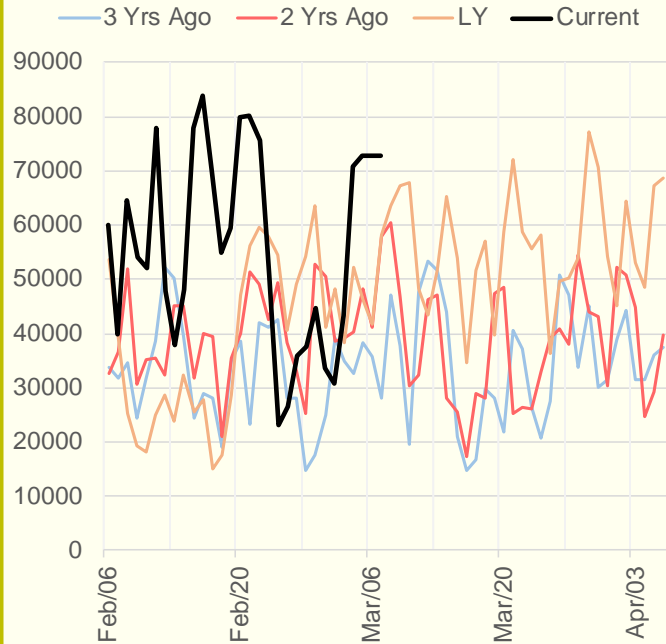
The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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



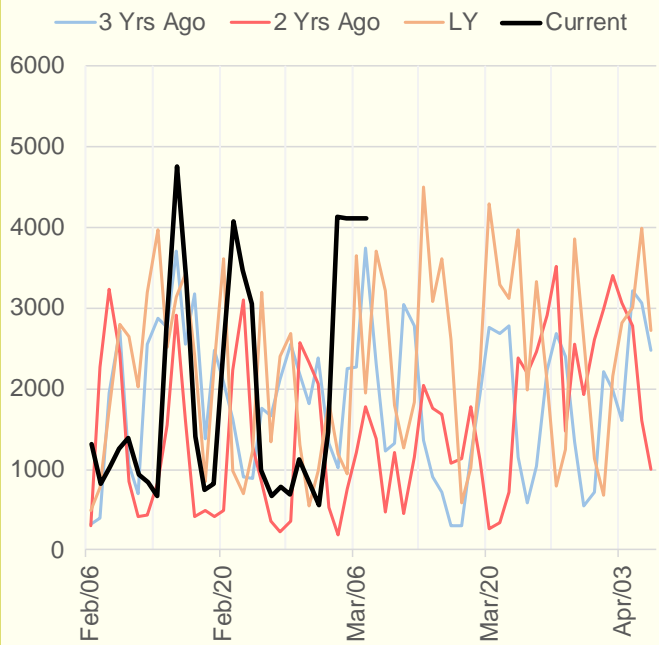
### NRC Nuclear Daily Output



### US Wind



### CALI Wind



### TEXAS Wind

