

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 5.52	▼ \$ (0.05)	▲ \$ 0.18

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 107.47	▼ \$ (6.43)	▼ \$ (5.8)

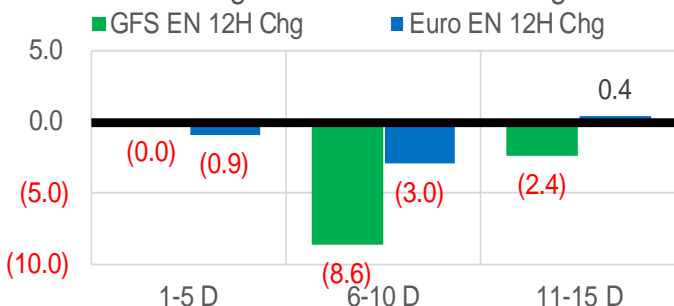
	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 114.16	▼ \$ (6.49)	▼ \$ (4.9)

### Page Menu

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- [Supply – Demand Trends](#)
- [Nat Gas Options Volume and Open Interest](#)
- [Nat Gas Futures Open Interest](#)
- [Price Summary](#)

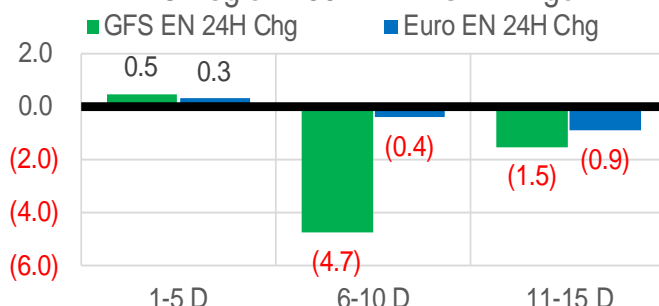
### Vs. 12H Ago

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	96.0	▼ 0.00	▲ 0.24

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	26.6	▼ -0.27	▲ 0.38

	Current	Δ from YD	Δ from 7D Avg
US ResComm	35.8	▲ 2.01	▲ 9.32

	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.2	▲ 0.20	▲ 1.06

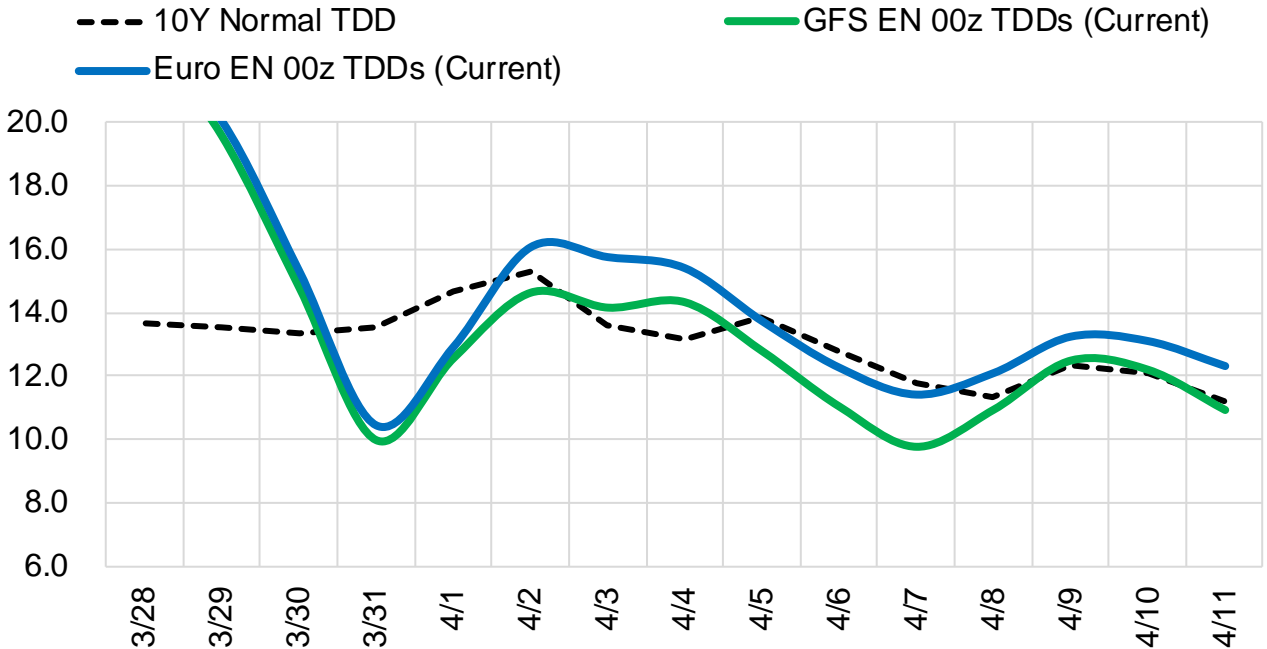
	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	13.1	▼ -0.28	▼ -0.01

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.3	▲ 0.35	▼ -0.12

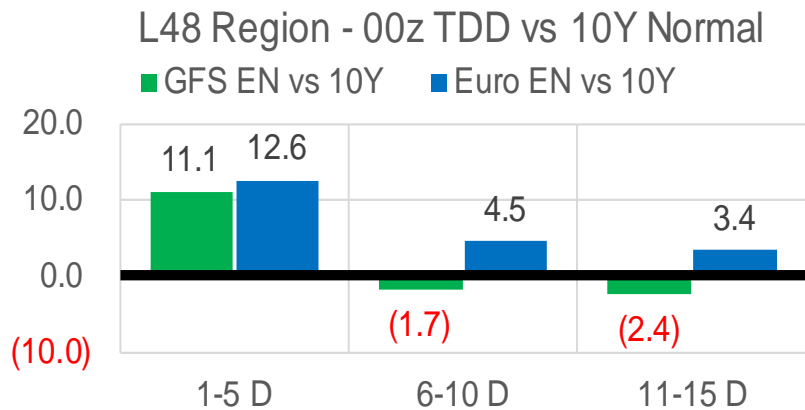
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### Short-term Weather Model Outlooks (00z)

#### L48 Region



### Vs. 10Y Normal



Source: WSI , Bloomberg

## Lower 48 Component Models

### Daily Balances

	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar	DoD	vs. 7D
<b>Lower 48 Dry Production</b>	<b>94.8</b>	<b>95.9</b>	<b>96.0</b>	<b>95.5</b>	<b>96.0</b>	<b>96.0</b>	<b>96.0</b>	▼ 0.0	▲ 0.3
<b>Canadian Imports</b>	<b>4.5</b>	<b>5.3</b>	<b>5.2</b>	<b>5.0</b>	<b>5.4</b>	<b>6.0</b>	<b>6.2</b>	▲ 0.2	▲ 1.0
L48 Power	25.8	27.6	27.0	25.6	25.6	26.8	26.6	▼ -0.3	▲ 0.1
L48 Residential & Commercial	23.5	25.2	26.6	25.5	29.1	33.8	35.8	▲ 2.0	▲ 8.5
L48 Industrial	20.7	21.1	21.7	22.0	22.6	23.2	23.1	▼ -0.1	▲ 1.3
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	2.6	2.8	2.8	2.7	2.9	3.2	3.2	▲ 0.1	▲ 0.4
<b>L48 Regional Gas Consumption</b>	<b>77.7</b>	<b>81.8</b>	<b>83.3</b>	<b>81.0</b>	<b>85.4</b>	<b>92.2</b>	<b>93.9</b>	▲ 1.8	▲ 10.4
<b>Net LNG Delivered</b>	<b>12.17</b>	<b>13.20</b>	<b>13.48</b>	<b>13.51</b>	<b>13.47</b>	<b>13.38</b>	<b>13.10</b>	▼ -0.3	▼ -0.1
<b>Total Mexican Exports</b>	<b>6.8</b>	<b>6.7</b>	<b>6.6</b>	<b>6.5</b>	<b>6.2</b>	<b>5.9</b>	<b>6.3</b>	▲ 0.3	▼ -0.1
<b>Implied Daily Storage Activity</b>	<b>2.7</b>	<b>-0.5</b>	<b>-2.1</b>	<b>-0.6</b>	<b>-3.8</b>	<b>-9.5</b>	<b>-11.1</b>		
<b>EIA Reported Daily Storage Activity</b>									
<b>Daily Model Error</b>									

### EIA Storage Week Balances

	18-Feb	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	WoW	vs. 4W
<b>Lower 48 Dry Production</b>	<b>95.8</b>	<b>94.5</b>	<b>94.4</b>	<b>95.0</b>	<b>94.0</b>	<b>95.5</b>	▲ 1.5	▲ 1.0
<b>Canadian Imports</b>	<b>6.2</b>	<b>6.4</b>	<b>5.9</b>	<b>5.2</b>	<b>5.2</b>	<b>4.8</b>	▼ -0.4	▼ -0.8
L48 Power	26.8	27.3	28.8	27.7	27.4	25.5	▼ -1.9	▼ -2.2
L48 Residential & Commercial	40.3	41.4	38.7	33.3	31.6	23.5	▼ -8.1	▼ -12.7
L48 Industrial	26.1	26.2	23.1	22.6	20.6	21.6	▲ 1.0	▼ -1.5
L48 Lease and Plant Fuel	5.2	5.1	5.1	5.2	5.1	5.2	▲ 0.1	▲ 0.1
L48 Pipeline Distribution	3.2	3.2	3.3	3.2	3.1	2.6	▼ -0.5	▼ -0.6
<b>L48 Regional Gas Consumption</b>	<b>101.6</b>	<b>103.2</b>	<b>99.0</b>	<b>92.0</b>	<b>87.8</b>	<b>78.4</b>	▼ -9.4	▼ -17.1
<b>Net LNG Exports</b>	<b>13.0</b>	<b>11.7</b>	<b>12.5</b>	<b>12.8</b>	<b>12.9</b>	<b>13.0</b>	▲ 0.1	▲ 0.5
<b>Total Mexican Exports</b>	<b>6.1</b>	<b>6.1</b>	<b>6.4</b>	<b>6.6</b>	<b>6.6</b>	<b>6.5</b>	▼ -0.1	▲ 0.1
<b>Implied Daily Storage Activity</b>	<b>-18.6</b>	<b>-20.2</b>	<b>-17.6</b>	<b>-11.1</b>	<b>-8.0</b>	<b>2.5</b>	<b>10.4</b>	
<b>EIA Reported Daily Storage Activity</b>	<b>-18.4</b>	<b>-19.9</b>	<b>-17.7</b>	<b>-11.3</b>	<b>-7.3</b>			
<b>Daily Model Error</b>	<b>-0.2</b>	<b>-0.3</b>	<b>0.1</b>	<b>0.2</b>	<b>-0.7</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>94.5</b>	<b>93.8</b>	<b>95.0</b>	▲ 1.2	▲ 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	26.9	▼ -1.3	▲ 2.4
L48 Residential & Commercial	27.6	28.9	28.4	33.8	49.1	43.1	29.6	▼ -13.4	▲ 0.7
L48 Industrial	22.3	19.3	23.0	22.9	26.4	25.6	21.4	▼ -4.2	▲ 2.1
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	▼ -0.4	▲ 0.2
<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>105.3</b>	<b>86.0</b>	▼ -19.3	▲ 5.6
<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>12.9</b>	▲ 0.5	▲ 1.7
<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>6.5</b>	▲ 0.4	▲ 0.0
<b>Implied Daily Storage Activity</b>	<b>-1.9</b>	<b>-2.0</b>	<b>-5.3</b>	<b>-11.0</b>	<b>-32.6</b>	<b>-23.5</b>	<b>-5.3</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)

	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	DoD	vs. 7D
NRC Nuclear Daily Output	80.7	80.9	81.1	81.1	80.9	80.6	80.6	0.0	-0.3
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	24.1	23.9	23.8	23.8	24.0	24.3	24.3	0.0	0.3
NRC % Nuclear Cap Utilization	82.1	82.3	82.4	82.5	82.3	82.0	82.0	0.0	-0.3

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

	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	DoD	vs. 7D
CALI Wind	4439	2310	1350	1248	1315	1334	1721	387	-278
TEXAS Wind	21826	20711	21413	16027	9982	6543	11232	4689	-4852
US Wind	71136	73186	73379	71005	47198	47595	53322	5727	-10595

### Generation Daily Average - MWh (EIA)

	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	DoD	vs. 7D
US Wind	71136	73186	73379	71005	47198	47595	53322	5727	-10595
US Solar	12003	14866	12892	12618	13694	16275	16666	391	2941
US Petroleum	689	832	950	1125	994	965	914	-51	-12
US Other	8441	8263	6776	7327	7673	7524	7051	-474	-617
US Coal	65922	67878	70841	70721	80551	77855	75027	-2827	2733
US Nuke	84317	82890	83996	85017	84681	84650	84066	-584	-192
US Hydro	29910	34734	34252	33959	33631	34981	31585	-3395	-1992
<b>US Gas</b>	<b>104777</b>	<b>117930</b>	<b>121008</b>	<b>131372</b>	<b>144911</b>	<b>137078</b>	<b>120525</b>	<b>-16553</b>	<b>-5655</b>

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

## Storage Week Average Generation Data

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

	18-Feb	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	88.2	86.9	85.8	82.3	80.9	80.9	0.0	0.0
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	16.7	18.0	19.1	22.5	23.9	24.0	0.0	
NRC % Nuclear Cap Utilization	89.7	88.3	87.2	83.7	82.3	82.3	0.0	

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

	18-Feb	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	WoW	WoW Bcf/d Impact
CALI Wind	1900	2049	815	2602	2297	2037	-261	0.0
TEXAS Wind	16874	13068	6269	14469	17742	16108	-1634	0.3
US Wind	63118	60313	36019	56828	63173	62107	-1066	0.2
							-2%	
							-0.1	

### Generation Weekly Average - MWh (EIA)

	18-Feb	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	WoW	WoW Bcf/d Impact
							est.	
US Wind	63118	60313	36019	56828	63173	62107	-1066	<b>0.2</b>
US Solar	12313	11899	13919	12582	13879	13276	-603	<b>0.1</b>
US Petroleum	4135	2961	3130	1742	961	864	-97	<b>0.0</b>
US Other	9138	8211	7510	6621	7097	7554	457	-0.1
US Coal	101701	99888	103399	86717	86072	72503	-13568	2.4
US Nuke	92778	91458	90165	86462	84792	84027	-764	<b>0.1</b>
US Hydro	31957	33214	32196	34570	34885	33227	-1658	0.3
<b>US Gas</b>	<b>137980</b>	<b>147276</b>	<b>158688</b>	<b>140400</b>	<b>137100</b>	<b>124393</b>	<b>-12707</b>	<b>2.3</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	82.8	82.3	90.3	90.2	87.6	81.7	82.0	-5.8	-0.3
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	22.1	22.6	14.6	14.7	17.3	23.2	22.9	5.8	0.3
NRC % Nuclear Cap Utilization	84.1	83.7	91.8	91.7	89.0	83.1	83.4	-5.9	-0.3

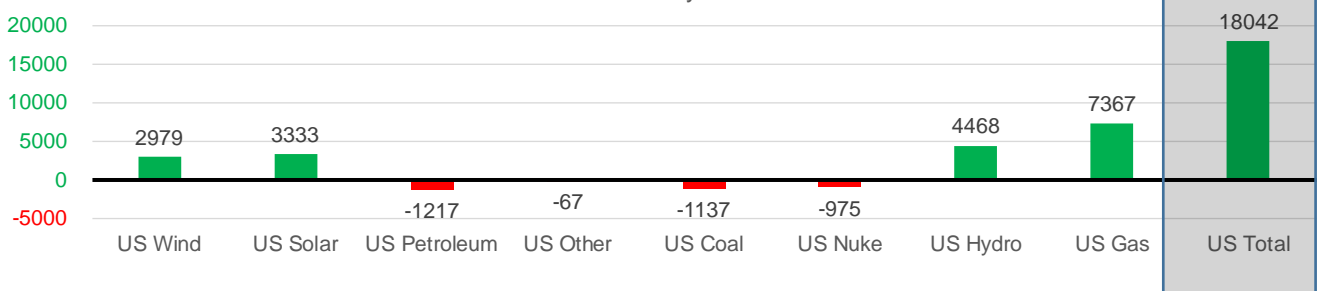
### Wind Generation Monthly Average - MWh (EIA)

	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	1442	2289	1482	1244	1559	2062	1981	504	-308
TEXAS Wind	10043	13927	12927	11355	12294	14231	13728	1937	-199
US Wind	38819	52757	54708	51045	56539	56780	55735	241	2979

### 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	38819	52757	54708	51045	56539	56780	55735	▼-1044.7	▲ 2979
US Solar	7434	10510	7375	9476	12088	13874	13843	▼-30.4	▲ 3333
US Petroleum	3393	2665	3135	5021	3451	1348	1448	▲ 100	▼-1217
US Other	7130	7167	8222	8792	8832	7057	7100	▲ 44	▼-67
US Coal	70181	84998	81462	117971	106588	82487	83861	▲ 1374	▼-1137
US Nuke	84781	86752	95449	95259	92280	85444	85776	▲ 333	▼-975
US Hydro	32388	29151	30824	34040	32213	33830	33619	▼-211	▲ 4468
<b>US Gas</b>	<b>153782</b>	<b>127984</b>	<b>152639</b>	<b>164024</b>	<b>152058</b>	<b>134087</b>	<b>135351</b>	<b>▲ 565</b>	<b>▲ 7367</b>
<b>US Total</b>	<b>396213</b>	<b>400475</b>	<b>433931</b>	<b>485812</b>	<b>464578</b>	<b>416778</b>	<b>418517</b>	<b>▲ 2174</b>	<b>▲ 18042</b>

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

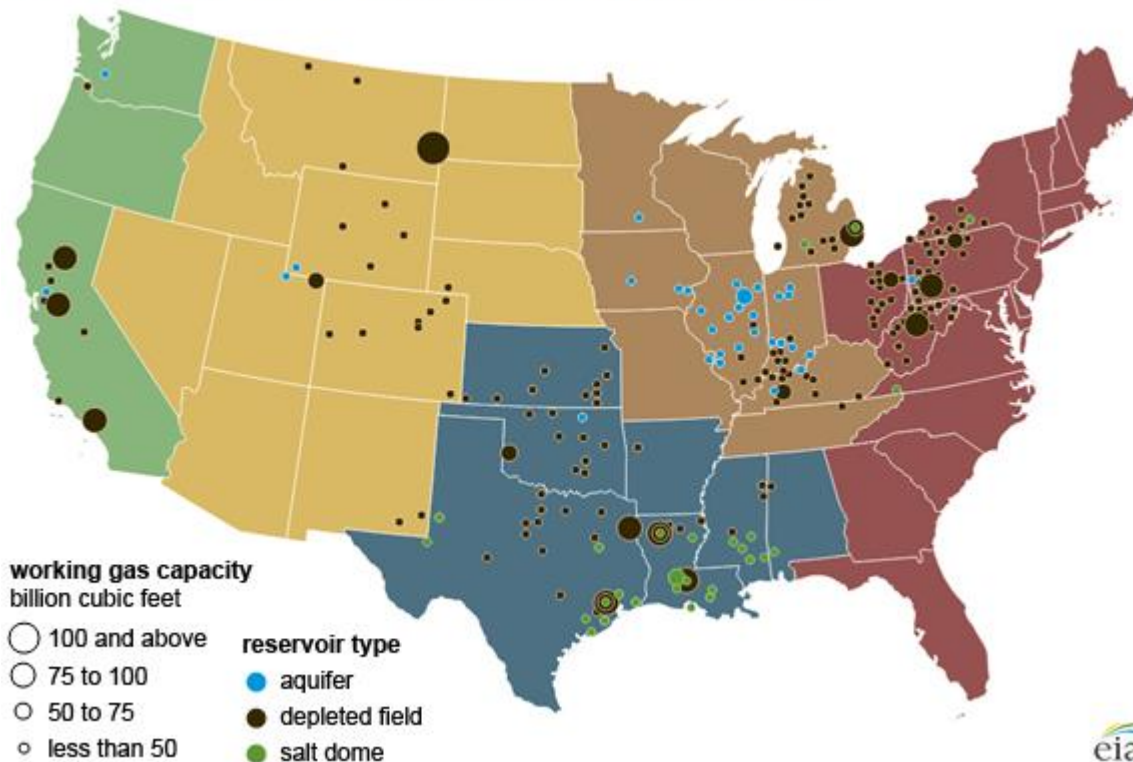
### Regional S/D Models Storage Projection

Week Ending 25-Mar

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	2.9	0.0	2.9	20
East	-2.3	2.1	-0.2	-1
Midwest	1.0	-0.4	0.6	4
Mountain	3.4	-3.7	-0.3	-2
South Central	0.2	1.9	2.1	15
Pacific	0.5	0.2	0.6	4

\*Adjustment Factor is calculated based on historical regional deltas

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

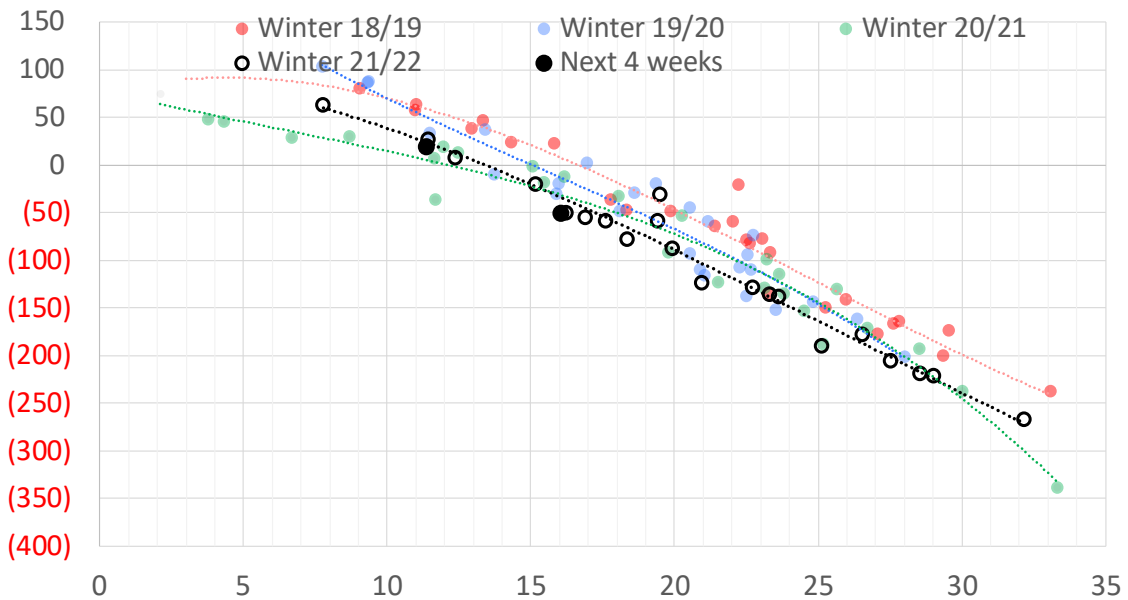


### Weather Model Storage Projection

Next report  
and beyond

Week Ending	GWDDs	Week Storage Projection
25-Mar	11	20
01-Apr	16	-50
08-Apr	We will switch to the summer model this week	
15-Apr		

Weather Storage Model - Next 4 Week Forecast

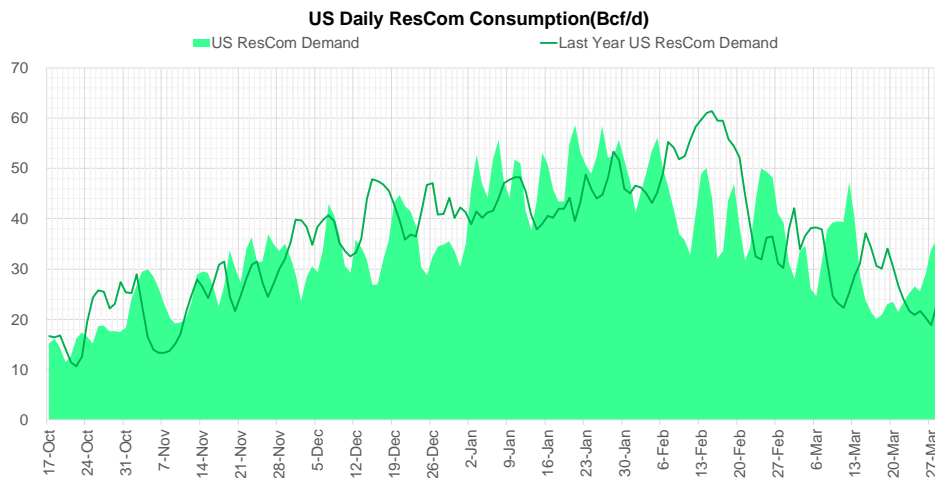
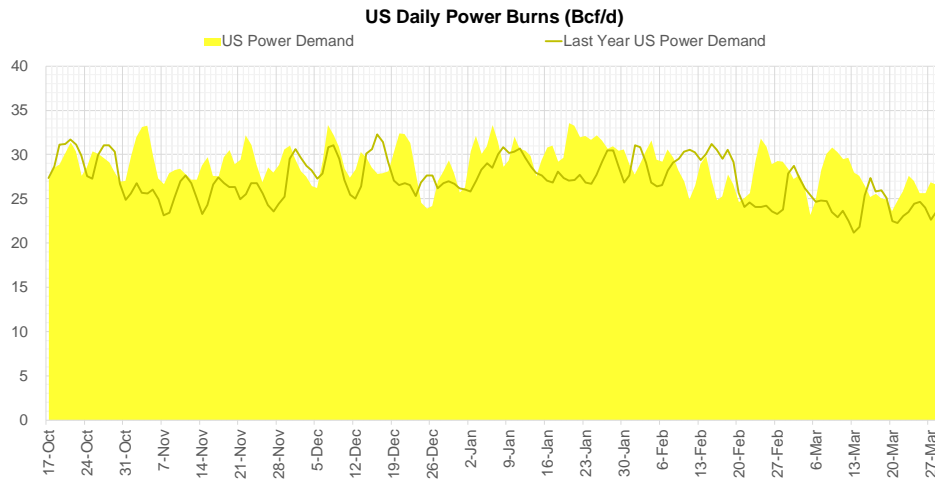
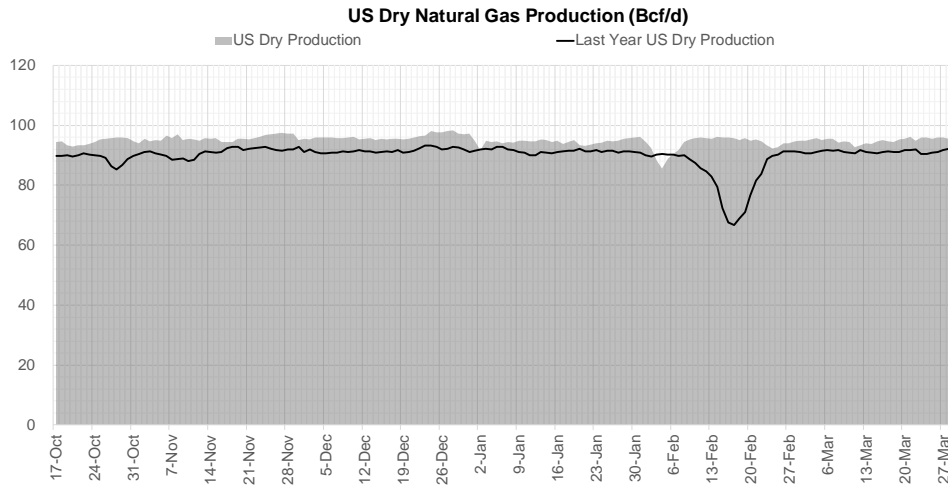


[Go to larger image](#)





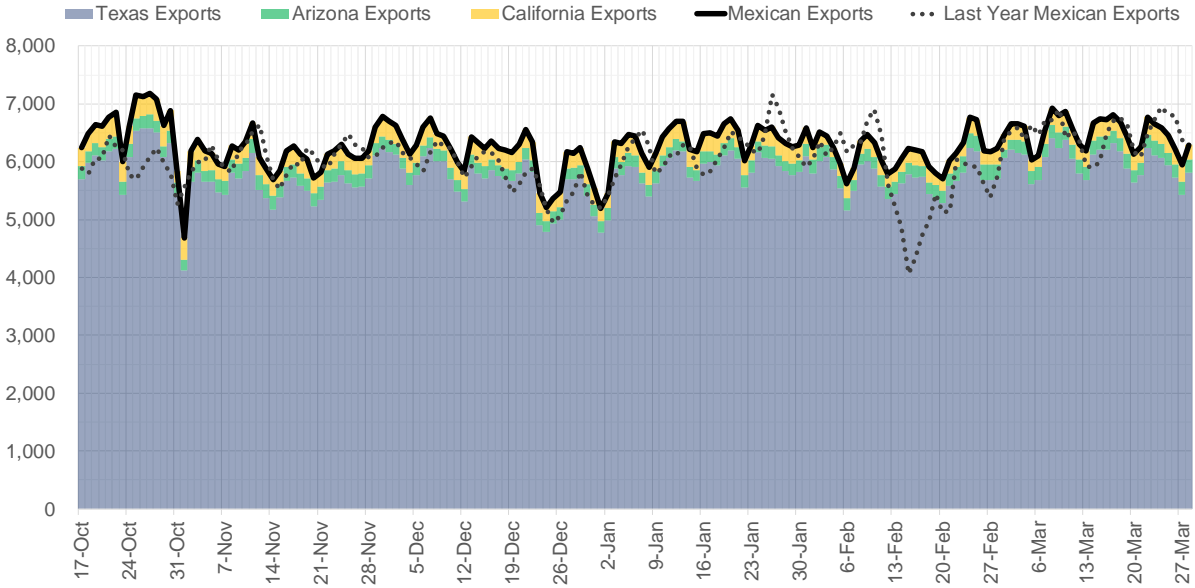
## Supply – Demand Trends



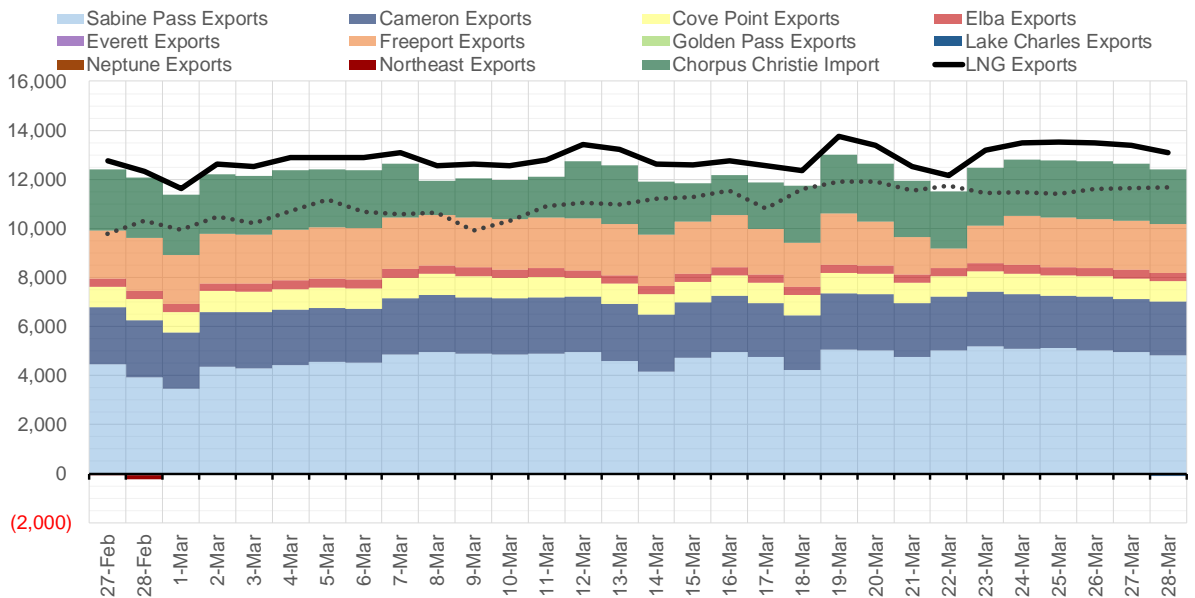
Source: Bloomberg

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### Mexican Exports (MMcf/d)



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



Source: Bloomberg

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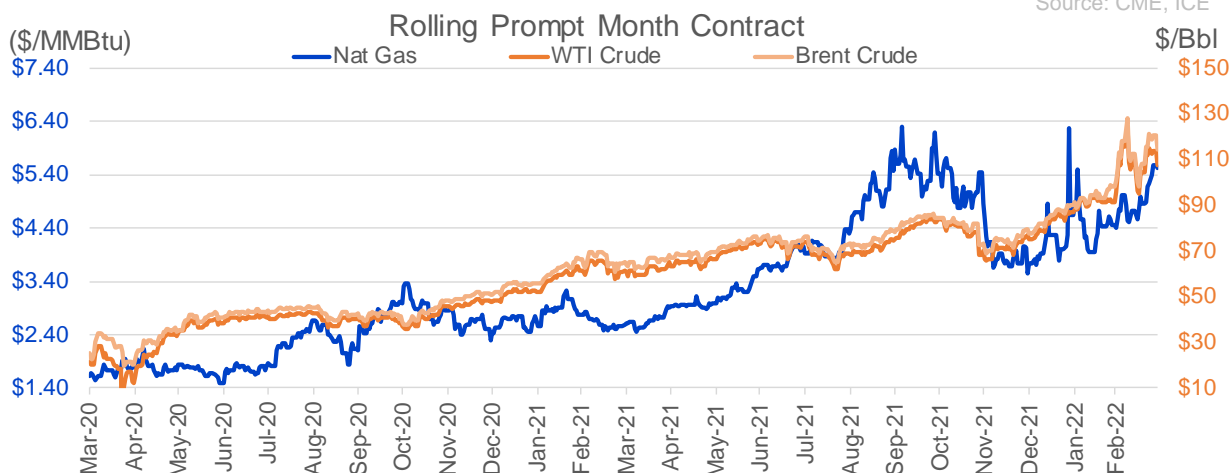
### Nat Gas Options Volume and Open Interest CME and ICE Combined

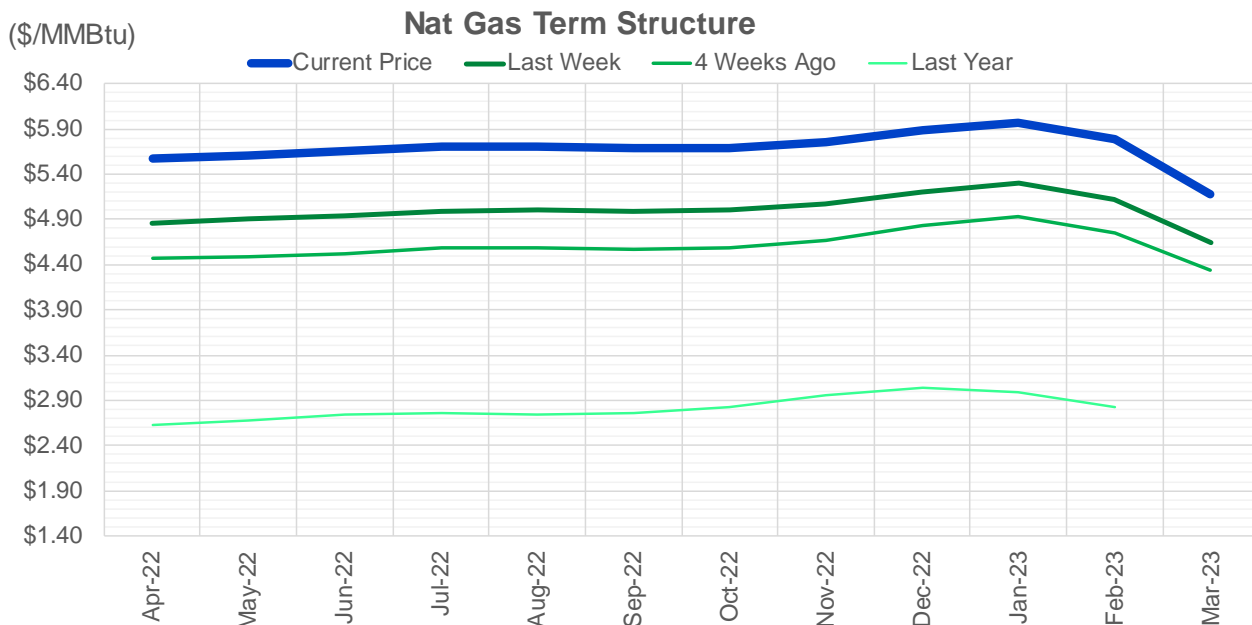
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
4	2022	C	6.00	7107	4	2022	P	3.50	34160
5	2022	C	6.00	5571	4	2022	C	4.75	30104
4	2022	P	5.25	3850	10	2022	C	6.00	28927
5	2022	P	4.50	3749	4	2022	P	3.00	28297
4	2022	C	5.75	3684	4	2022	C	6.00	27439
4	2022	C	5.50	3679	4	2022	C	5.00	27159
7	2022	C	8.50	3500	10	2022	C	5.00	26039
5	2022	C	5.50	3278	5	2022	P	4.00	25084
5	2022	P	4.00	3250	4	2022	P	4.00	24919
8	2022	C	7.00	3134	4	2022	P	4.50	23741
5	2022	C	6.20	3053	4	2022	P	3.75	23646
9	2022	P	3.50	3021	5	2022	C	6.00	23315
5	2022	C	6.10	3014	5	2022	P	3.00	22913
5	2022	C	7.00	2941	6	2022	C	6.00	22893
7	2022	C	7.00	2627	5	2022	C	5.00	22413
6	2022	C	7.00	2598	6	2022	P	4.00	21318
10	2022	P	3.50	2400	8	2022	C	6.00	21297
7	2022	C	8.00	2352	9	2022	C	6.00	21252
4	2022	P	5.30	2341	10	2022	P	3.00	20986
6	2022	C	6.50	2173	5	2022	P	2.50	19874
6	2022	C	8.50	2126	7	2022	C	6.00	19438
6	2022	C	5.80	2100	5	2022	C	7.00	19008
5	2022	P	4.75	1982	5	2022	P	3.50	18208
6	2022	P	4.00	1910	4	2022	C	5.50	18104
12	2022	C	6.50	1900	12	2022	C	5.00	17768
4	2022	P	5.00	1881	6	2022	C	5.00	17724
5	2022	P	5.50	1881	5	2022	P	2.75	17685
5	2022	P	5.00	1862	4	2022	C	4.50	17617
4	2022	P	5.20	1796	7	2022	P	3.25	17513
8	2022	C	8.00	1705	4	2022	C	3.00	17511
5	2022	C	6.50	1656	6	2022	P	3.00	17330
12	2022	C	6.25	1500	4	2022	P	2.50	17245
6	2022	P	4.50	1450	8	2022	C	7.00	17144
5	2022	C	5.00	1431	4	2022	P	4.25	17128
5	2022	P	3.75	1352	10	2022	P	2.50	16881
10	2022	C	7.00	1335	4	2022	P	3.25	15846
8	2022	C	9.00	1243	5	2022	P	3.75	15806
4	2022	P	5.15	1191	6	2022	P	3.50	15646
4	2022	P	5.50	1138	10	2022	P	4.00	15579
10	2022	C	5.50	1110	4	2022	C	8.00	15551
4	2022	P	5.35	1078	10	2022	C	7.00	15360
11	2022	C	9.00	1060	9	2022	P	2.50	15136
5	2022	P	4.85	1057	9	2022	P	2.75	14933
4	2022	P	5.40	1051	6	2022	P	3.75	14888
8	2022	C	6.00	1030	10	2022	P	2.00	14571
10	2022	C	5.60	1000	8	2022	P	3.00	14422
11	2022	C	7.00	1000	6	2022	C	7.00	14273
4	2022	C	5.30	916	4	2022	C	7.00	14235
8	2022	C	10.00	908	12	2022	C	6.00	14052
					6	2022	C	4.5	14045

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
APR 22	15882	19304	-3422	APR 22	77951	75775	2177
MAY 22	232189	232144	45	MAY 22	84637	84546	92
JUN 22	72274	72212	62	JUN 22	70716	70934	-218
JUL 22	93928	93184	744	JUL 22	67963	67543	420
AUG 22	44844	45158	-314	AUG 22	60902	60719	183
SEP 22	77138	77208	-70	SEP 22	64849	64718	132
OCT 22	80488	81313	-825	OCT 22	69683	69351	332
NOV 22	43498	42708	790	NOV 22	53142	53694	-552
DEC 22	46634	46233	401	DEC 22	63202	63118	84
JAN 23	64368	63600	768	JAN 23	67142	66073	1069
FEB 23	20146	20606	-460	FEB 23	46001	46033	-33
MAR 23	39202	38133	1069	MAR 23	51064	50817	248
APR 23	47153	47123	30	APR 23	50452	49851	602
MAY 23	28596	28255	341	MAY 23	44062	43959	103
JUN 23	15925	15734	191	JUN 23	41391	41252	140
JUL 23	14073	13884	189	JUL 23	40630	40484	146
AUG 23	10932	10925	7	AUG 23	40251	40106	146
SEP 23	14108	13910	198	SEP 23	40097	39973	124
OCT 23	25805	25673	132	OCT 23	44684	44266	418
NOV 23	10690	10509	181	NOV 23	41107	40928	179
DEC 23	14301	14240	61	DEC 23	36392	36200	192
JAN 24	18969	18668	301	JAN 24	32623	32487	136
FEB 24	4290	4183	107	FEB 24	22962	22821	141
MAR 24	14971	15051	-80	MAR 24	28309	27930	380
APR 24	7800	7881	-81	APR 24	21335	21163	173
MAY 24	2384	2280	104	MAY 24	19840	19709	131
JUN 24	1304	1304	0	JUN 24	20148	19913	235
JUL 24	1491	1489	2	JUL 24	20570	20312	258
AUG 24	1556	1556	0	AUG 24	20736	20478	258
SEP 24	1204	1204	0	SEP 24	19737	19610	127





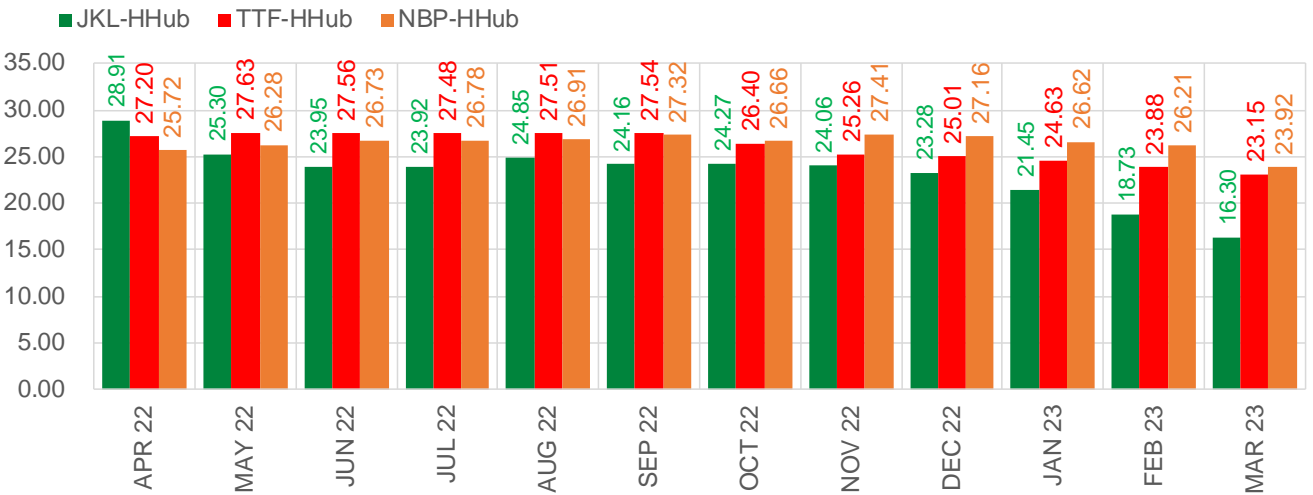
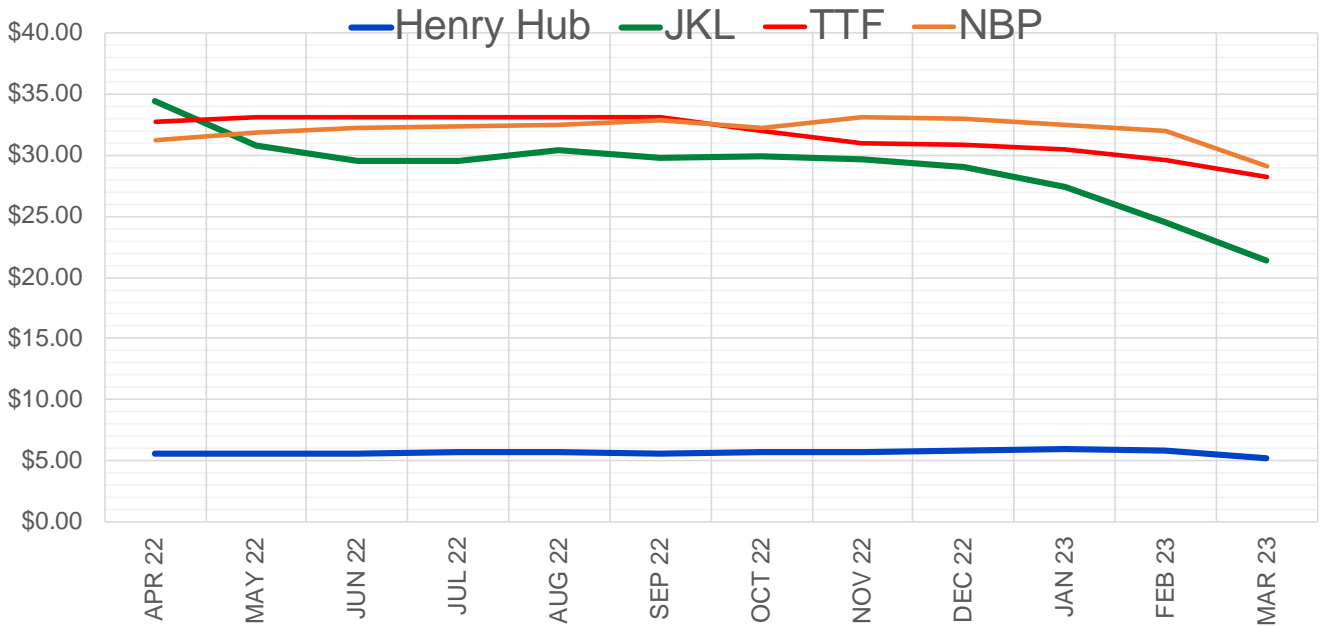
	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
<b>Current Price</b>	<b>\$5.571</b>	<b>\$5.611</b>	<b>\$5.651</b>	<b>\$5.701</b>	<b>\$5.706</b>	<b>\$5.684</b>	<b>\$5.693</b>	<b>\$5.750</b>	<b>\$5.880</b>	<b>\$5.968</b>	<b>\$5.781</b>	<b>\$5.176</b>
Last Week	\$4.863	\$4.902	\$4.946	\$4.997	\$5.004	\$4.984	\$4.999	\$5.069	\$5.208	\$5.301	\$5.126	\$4.641
vs. Last Week	\$0.708	\$0.709	\$0.705	\$0.704	\$0.702	\$0.700	\$0.694	\$0.681	\$0.672	\$0.667	\$0.655	\$0.535
4 Weeks Ago	\$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. 4 Weeks Ago	\$1.101	\$1.126	\$1.123	\$1.123	\$1.121	\$1.116	\$1.104	\$1.077	\$1.050	\$1.041	\$1.028	\$0.835
Last Year	\$2.557	\$2.619	\$2.679	\$2.739	\$2.754	\$2.741	\$2.755	\$2.827	\$2.955	\$3.045	\$2.989	\$2.816
vs. Last Year	\$3.014	\$2.992	\$2.972	\$2.962	\$2.952	\$2.943	\$2.938	\$2.923	\$2.925	\$2.923	\$2.792	\$2.360

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	4.71	4.87	0.16
TETCO M3	\$/MMBtu	5.36	4.21	-1.15
FGT Zone 3	\$/MMBtu	4.44	4.97	0.53
Zone 6 NY	\$/MMBtu	4.44	4.14	-0.30
Chicago Citygate	\$/MMBtu	5.19	4.68	-0.51
Michcon	\$/MMBtu	5.19	4.70	-0.49
Columbia TCO Pool	\$/MMBtu	5.11	4.29	-0.83
Ventura	\$/MMBtu	4.62	4.63	0.01
Rockies/Opal	\$/MMBtu	4.93	4.41	-0.52
El Paso Permian Basin	\$/MMBtu	4.50	4.15	-0.35
Socal Citygate	\$/MMBtu	5.05	4.43	-0.62
Malin	\$/MMBtu	4.90	4.45	-0.45
Houston Ship Channel	\$/MMBtu	5.05	4.68	-0.37
Henry Hub Cash	\$/MMBtu	5.45	4.65	-0.80
AECO Cash	C\$/GJ	4.50	3.78	-0.72
Station2 Cash	C\$/GJ	4.35	4.26	-0.09
Dawn Cash	C\$/GJ	5.21	4.74	-0.47

Source: CME, Bloomberg

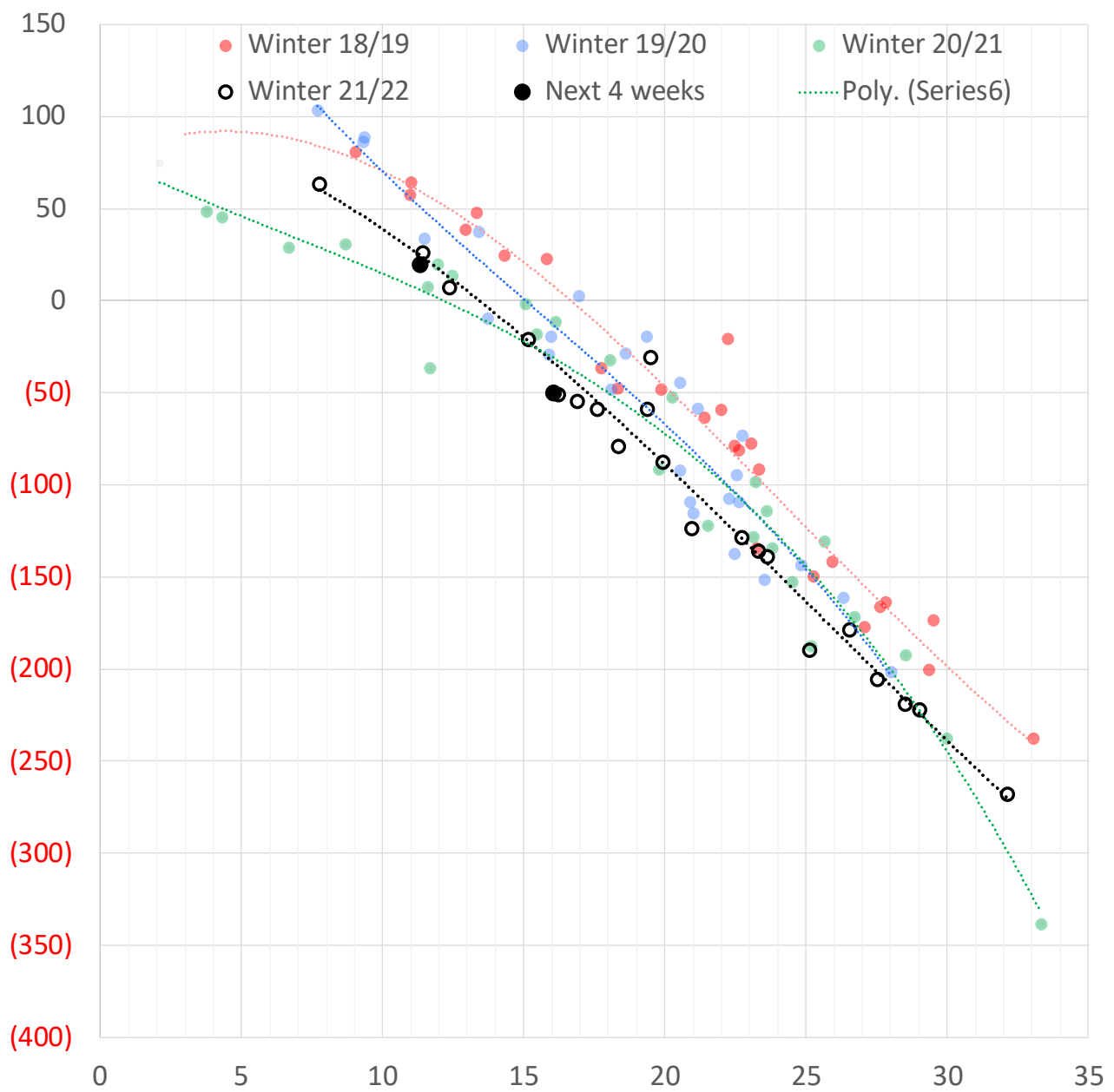
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.208
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.289
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.107
NatGas Apr22/Oct22	\$/MMBtu	0.122	▼ -0.014	▲ 0.003	▲ 0.081
WTI Crude	\$/Bbl	113.90	▲ 9.200	▲ 22.310	▲ 52.930
Brent Crude	\$/Bbl	120.65	▲ 12.720	▲ 22.720	▲ 56.080
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	411.46	▲ 51.650	▲ 126.510	▲ 230.460
Propane, Mt. Bel	cents/Gallon	1.45	▲ 0.043	▲ 0.139	▲ 0.531
Ethane, Mt. Bel	cents/Gallon	0.43	▲ 0.007	▲ 0.030	▲ 0.211
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>	\$5.524	\$5.554	\$5.585	\$5.640	\$5.643	\$5.622	\$5.629	\$5.693	\$5.827	\$5.922	\$5.750	\$5.153
<b>JKL</b>	\$34.430	\$30.850	\$29.535	\$29.560	\$30.490	\$29.785	\$29.900	\$29.750	\$29.110	\$27.370	\$24.475	\$21.450
<b>JKL-HHub</b>	\$28.906	\$25.296	\$23.950	\$23.920	\$24.847	\$24.163	\$24.271	\$24.057	\$23.283	\$21.448	\$18.725	\$16.297
<b>TTF</b>	\$32.726	\$33.185	\$33.144	\$33.119	\$33.153	\$33.159	\$32.025	\$30.954	\$30.840	\$30.548	\$29.626	\$28.299
<b>TTF-HHub</b>	\$27.202	\$27.631	\$27.559	\$27.479	\$27.510	\$27.537	\$26.396	\$25.261	\$25.013	\$24.626	\$23.876	\$23.146
<b>NBP</b>	\$31.241	\$31.833	\$32.315	\$32.420	\$32.556	\$32.939	\$32.289	\$33.101	\$32.991	\$32.542	\$31.963	\$29.069
<b>NBP-HHub</b>	\$25.717	\$26.279	\$26.730	\$26.780	\$26.913	\$27.317	\$26.660	\$27.408	\$27.164	\$26.620	\$26.213	\$23.916

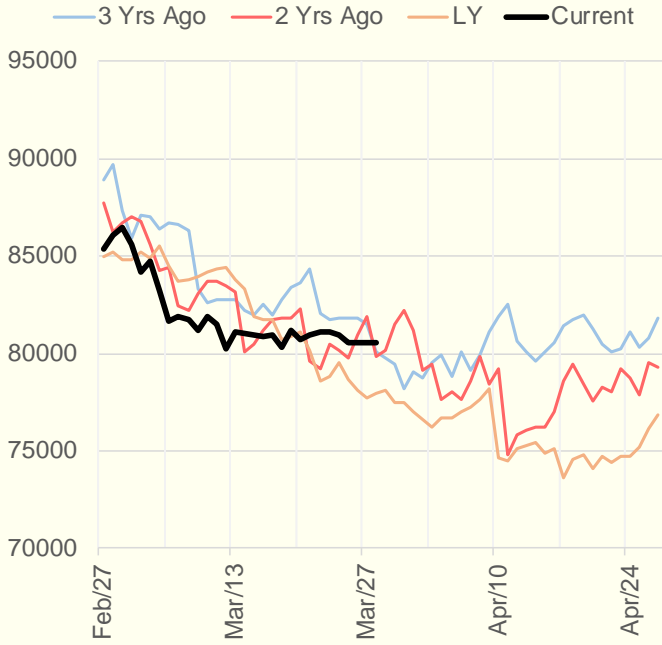
### Weather Storage Model - Next 4 Week Forecast



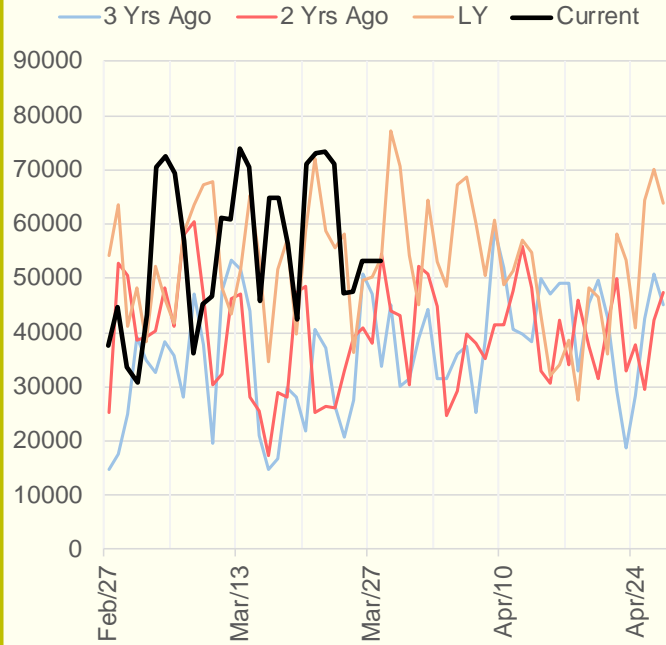
The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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



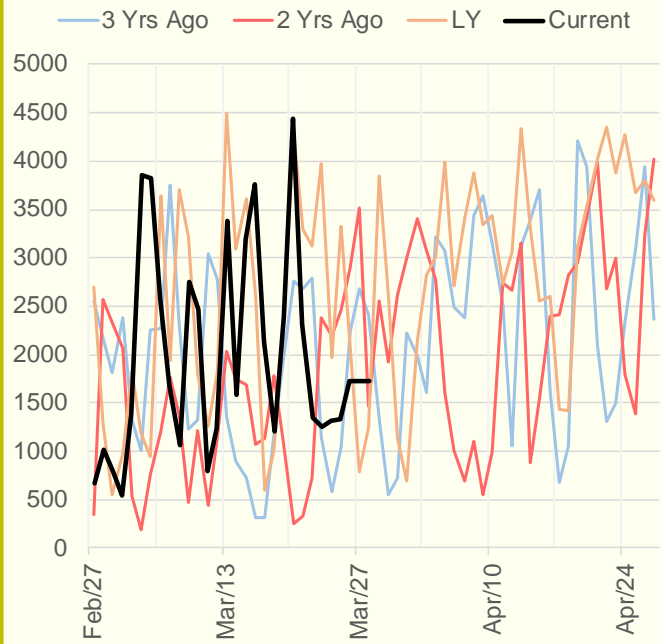
### NRC Nuclear Daily Output



### US Wind



### CALI Wind



### TEXAS Wind

