

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 4.52 ▲	\$ 0.03 ▲	\$ 0.30 ▲

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 89.78 ▼	\$ (1.98) ▼	\$ (3.4) ▼

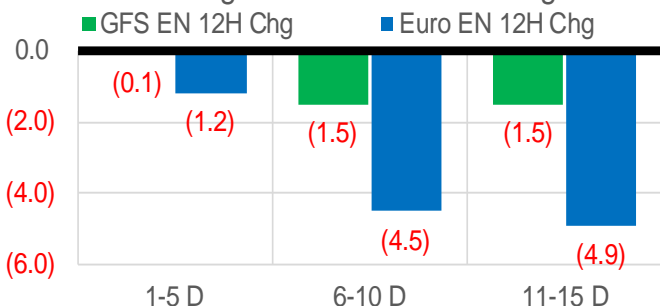
	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 91.10 ▼	\$ (1.87) ▼	\$ (3.3) ▼

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](#)

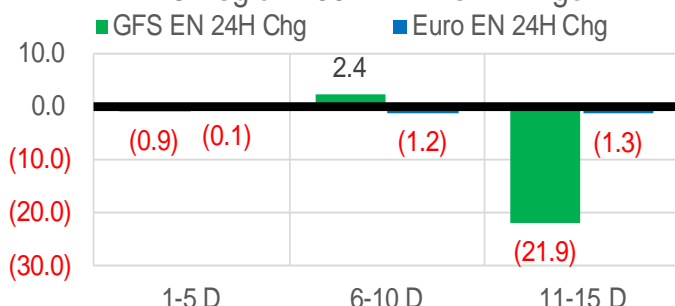
Vs. 12H Ago

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	95.6 ▼	-0.28 ▼	-0.48 ▼

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	25.4 ▲	1.55 ▲	-1.24 ▼

	Current	Δ from YD	Δ from 7D Avg
US ResComm	41.5 ▲	7.98 ▲	1.79 ▲

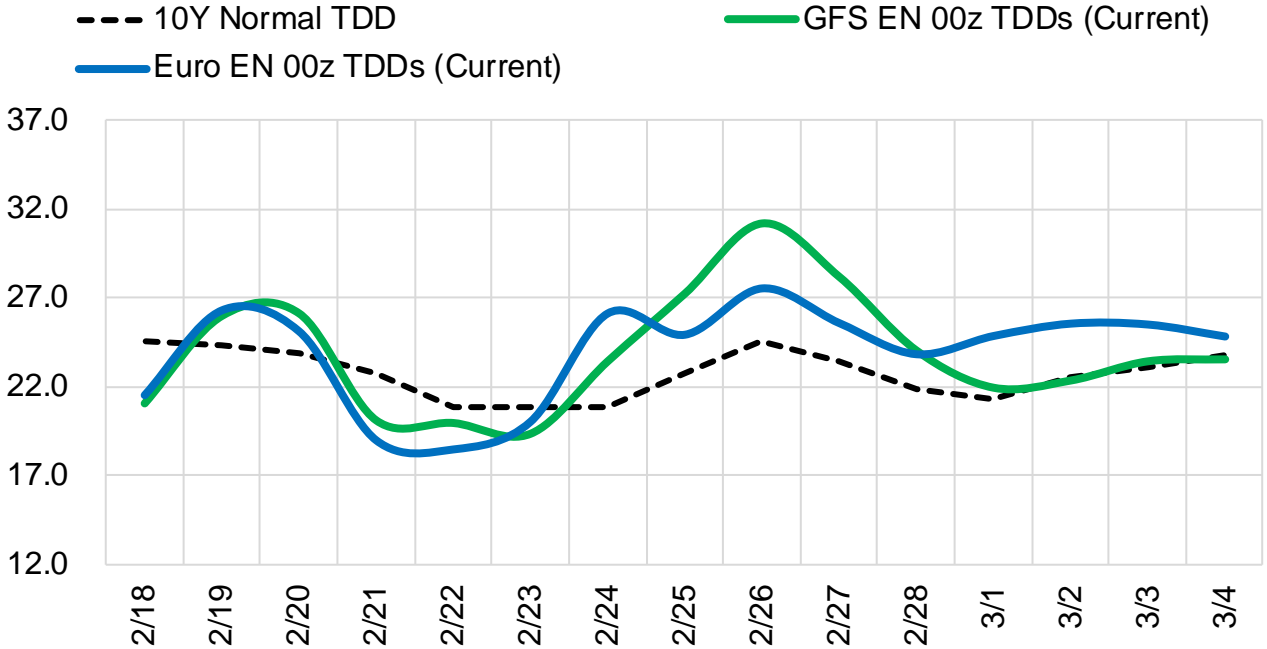
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.4 ▲	0.96 ▲	0.35 ▲

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	13.5 ▲	0.22 ▲	0.54 ▲

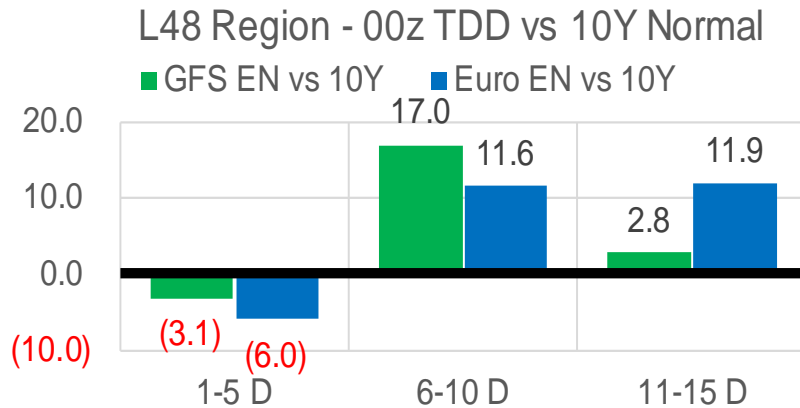
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.2 ▲	0.12 ▲	0.20 ▲

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb	17-Feb	18-Feb	DoD	vs. 7D
Lower 48 Dry Production	95.6	95.6	96.5	96.3	96.2	95.8	95.6	▼ -0.3	▼ -0.4
Canadian Imports	6.0	6.4	6.8	6.1	6.0	5.5	6.4	▲ 1.0	▲ 0.3
L48 Power	28.3	29.7	28.1	26.2	24.4	23.8	25.4	▲ 1.6	▼ -1.4
L48 Residential & Commercial	39.8	48.2	49.4	43.2	31.7	33.5	41.5	▲ 8.0	▲ 0.5
L48 Industrial	27.3	28.4	28.0	27.0	25.5	26.1	26.9	▲ 0.7	▼ -0.2
L48 Lease and Plant Fuel	5.2	5.2	5.3	5.3	5.3	5.2	5.2	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	3.2	3.7	3.7	3.3	2.7	2.7	3.2	▲ 0.5	▼ 0.0
L48 Regional Gas Consumption	103.8	115.1	114.4	105.0	89.5	91.4	102.0	▲ 10.7	▼ -1.2
Net LNG Delivered	13.31	13.06	12.33	12.97	13.02	13.24	13.46	▲ 0.2	▲ 0.5
Total Mexican Exports	5.7	5.6	6.1	6.2	6.1	6.1	6.2	▲ 0.1	▲ 0.2
Implied Daily Storage Activity	-21.3	-31.8	-29.5	-21.8	-6.4	-9.3	-19.7		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	14-Jan	21-Jan	28-Jan	4-Feb	11-Feb	18-Feb	WoW	vs. 4W
Lower 48 Dry Production	95.0	94.7	94.5	94.4	92.1	96.0	▲ 4.0	▲ 2.1
Canadian Imports	6.5	7.0	7.1	7.1	7.1	6.1	▼ -1.0	▼ -1.0
L48 Power	30.4	30.3	32.1	29.8	29.4	26.6	▼ -2.8	▼ -3.8
L48 Residential & Commercial	46.3	47.1	52.8	48.2	45.0	39.7	▼ -5.3	▼ -8.6
L48 Industrial	26.8	28.0	27.6	28.3	25.9	26.8	▲ 1.0	▼ -0.6
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.2	5.0	5.2	▲ 0.2	▲ 0.1
L48 Pipeline Distribution	3.7	3.8	4.1	3.7	3.5	3.1	▼ -0.4	▼ -0.6
L48 Regional Gas Consumption	112.4	114.3	121.7	115.2	108.8	101.5	▼ -7.3	▼ -13.5
Net LNG Exports	12.3	12.9	12.5	12.1	12.4	13.0	▲ 0.6	▲ 0.5
Total Mexican Exports	6.3	6.4	6.5	6.4	6.1	6.0	▼ -0.1	▼ -0.4
Implied Daily Storage Activity	-29.5	-32.0	-39.0	-32.1	-28.1	-18.4	9.8	
EIA Reported Daily Storage Activity	-29.4	-31.3	-38.3	-31.7	-27.1			
Daily Model Error	-0.1	-0.7	-0.7	-0.4	-1.0			

Monthly Balances

	2Yr Ago Feb-20	LY Feb-21	Oct-21	Nov-21	Dec-21	Jan-22	MTD Feb-22	MoM	vs. LY
Lower 48 Dry Production	94.2	84.3	94.3	95.6	96.9	94.9	93.7	▼ -1.2	▲ 9.4
Canadian Imports	5.3	6.4	5.4	5.3	4.8	6.7	6.7	▼ 0.0	▲ 0.3
L48 Power	30.2	27.6	30.5	29.1	28.4	30.8	28.2	▼ -2.6	▲ 0.6
L48 Residential & Commercial	40.6	48.1	12.4	27.1	32.6	48.3	42.7	▼ -5.6	▼ -5.4
L48 Industrial	25.1	21.1	21.1	24.3	25.1	27.7	26.6	▼ -1.1	▲ 5.5
L48 Lease and Plant Fuel	5.1	4.6	5.2	5.2	5.3	5.2	5.1	▼ -0.1	▲ 0.5
L48 Pipeline Distribution	3.5	3.6	2.4	2.9	3.0	3.8	3.4	▼ -0.5	▼ -0.2
L48 Regional Gas Consumption	104.5	104.9	71.6	88.7	94.4	115.8	106.0	▼ -9.8	▲ 1.1
Net LNG Exports	8.5	8.4	10.6	11.4	12.1	12.4	12.6	▲ 0.2	▲ 4.2
Total Mexican Exports	5.2	5.7	6.6	6.1	6.1	6.3	6.1	▼ -0.2	▲ 0.4
Implied Daily Storage Activity	-18.7	-28.4	10.9	-5.3	-11.0	-32.9	-24.3		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb	DoD	vs. 7D
NRC Nuclear Daily Output	88.3	88.3	87.3	88.5	88.3	88.2	88.2	0.0	0.0
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	16.6	16.5	17.6	16.4	16.5	16.7	16.7	0.0	0.0
NRC % Nuclear Cap Utilization	89.8	89.8	88.7	89.9	89.8	89.6	89.6	0.0	0.0

Wind Generation Daily Average - MWh (EIA)

	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb	DoD	vs. 7D
CALI Wind	1388	944	850	670	2749	4765	3356	-1409	1462
TEXAS Wind	5144	17325	14640	8876	15919	21879	21139	-740	7175
US Wind	51981	77936	47784	37941	48141	77853	83982	6130	27043

Generation Daily Average - MWh (EIA)

	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb	DoD	vs. 7D
US Wind	51981	77936	47784	37941	48141	77853	83982	6130	27043
US Solar	13687	12903	12513	12244	13886	10259	10670	411	-1912
US Petroleum	3129	2496	3904	4463	6199	5601	3121	-2480	-1178
US Other	8526	8515	8224	8954	10222	9966	8368	-1598	-700
US Coal	100612	87418	99034	108973	117860	106521	94670	-11851	-8733
US Nuke	93477	89932	92619	93651	93506	93142	93172	30	451
US Hydro	30804	31591	30532	31720	33656	32602	31434	-1168	-383
US Gas	151626	126701	133762	153384	162155	140504	120022	-20482	-24667

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	11-Feb	18-Feb	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	87.6	88.2	0.6	-0.1
NRC Nuclear Max Capacity	104.9	104.9	0.0	
NRC Nuclear Outage	17.3	16.7	-0.6	
NRC % Nuclear Cap Utilization	0.1	0.1	0.0	

Wind Generation Weekly Average - MWh (EIA)

	11-Feb	18-Feb	WoW	WoW Bcf/d Impact
CALI Wind	1156	2384	1228	-0.2
TEXAS Wind	9259	17274	8015	-1.4
US Wind	53944	65374	11430	-2.1
	30.0			
	0%			

Generation Weekly Average - MWh (EIA)

	11-Feb	18-Feb	WoW	WoW Bcf/d Impact
		est.		
US Wind	53944	65374	11430	-2.1
US Solar	12198	11878	-320	0.1
US Petroleum	3554	4129	575	-0.1
US Other	9335	8945	-390	0.1
US Coal	113847	101307	-12540	2.3
US Nuke	92640	92742	102	0.0
US Hydro	32206	31853	-354	0.1
US Gas	162185	136650	-25535	

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	Nov-21	Dec-21	Jan-22	Feb-22			
	NRC Nuclear Daily Output	92.3	90.9	82.8	90.3	90.2			
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	12.6	14.0	22.0	14.6	14.7	15.8	15.6	1.1	1.6
NRC % Nuclear Cap Utilization	93.9	92.4	84.2	91.8	91.7	89.7	90.3	-2.0	-2.1

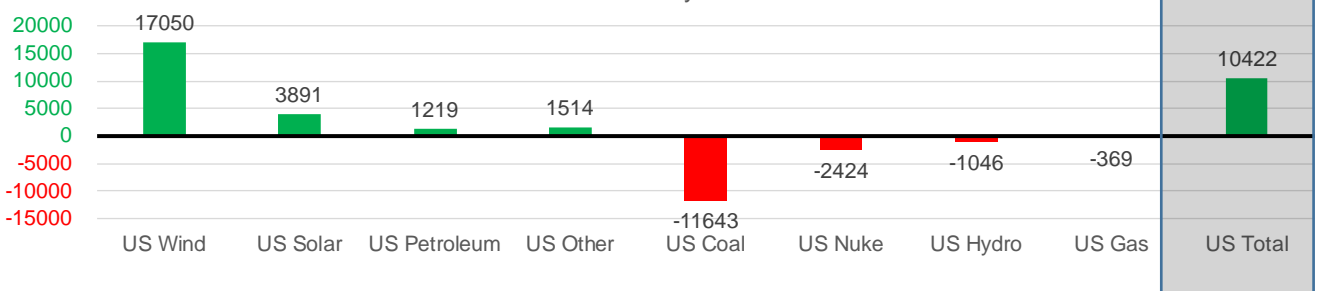
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Nov-21	Dec-21	Jan-22	Feb-22			
	CALI Wind	1308	1874	1224	1585	1364			
TEXAS Wind	9500	8915	11678	12927	11355	14046	11967	2690	3052
US Wind	34232	38256	49838	54810	51165	62075	55306	10910	17050

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	Nov-21	Dec-21	Jan-22	Feb-22			
	US Wind	34232	38256	49838	54810	51165			
US Solar	6215	7140	9688	7376	9476	11597	11031	▼-565.9	▲3891
US Petroleum	3580	3342	3022	3135	5021	3674	4560	▲886	▲1219
US Other	7952	7842	8445	8222	8792	9110	9356	▲247	▲1514
US Coal	80721	128906	80906	81617	118026	107985	117263	▲9278	▼-11643
US Nuke	93338	96143	87558	95449	95259	93001	93719	▲717	▼-2424
US Hydro	36087	33561	26649	30826	34108	31857	32515	▲657	▼-1046
US Gas	165138	158779	151991	152627	164026	148253	158411	▲4450	▼-369
US Total	433433	472223	418455	434177	485997	468166	482645	▲15670	▲10422

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

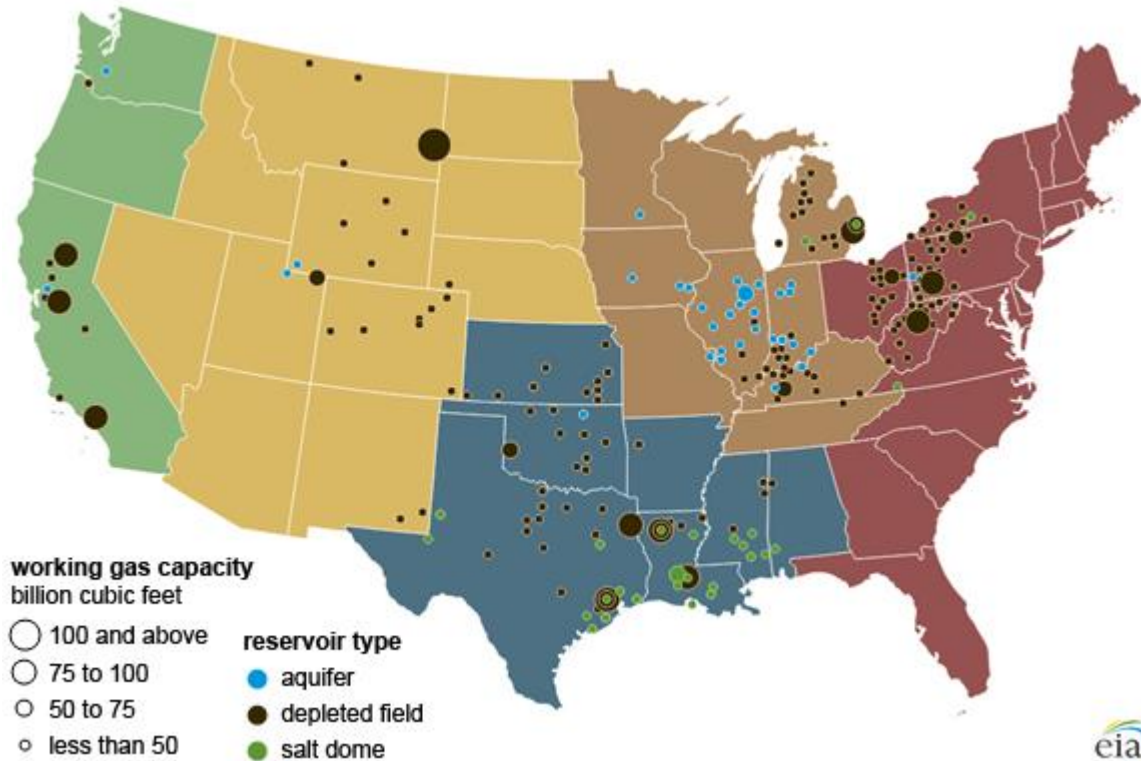
Regional S/D Models Storage Projection

Week Ending 18-Feb

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-18.3	0.8	-17.4	-122
East	-8.1	1.8	-6.3	-44
Midwest	-6.0	-0.1	-6.1	-43
Mountain	2.2	-3.3	-1.1	-7
South Central	-6.8	3.0	-3.8	-26
Pacific	0.3	-0.6	-0.2	-2

*Adjustment Factor is calculated based on historical regional deltas

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

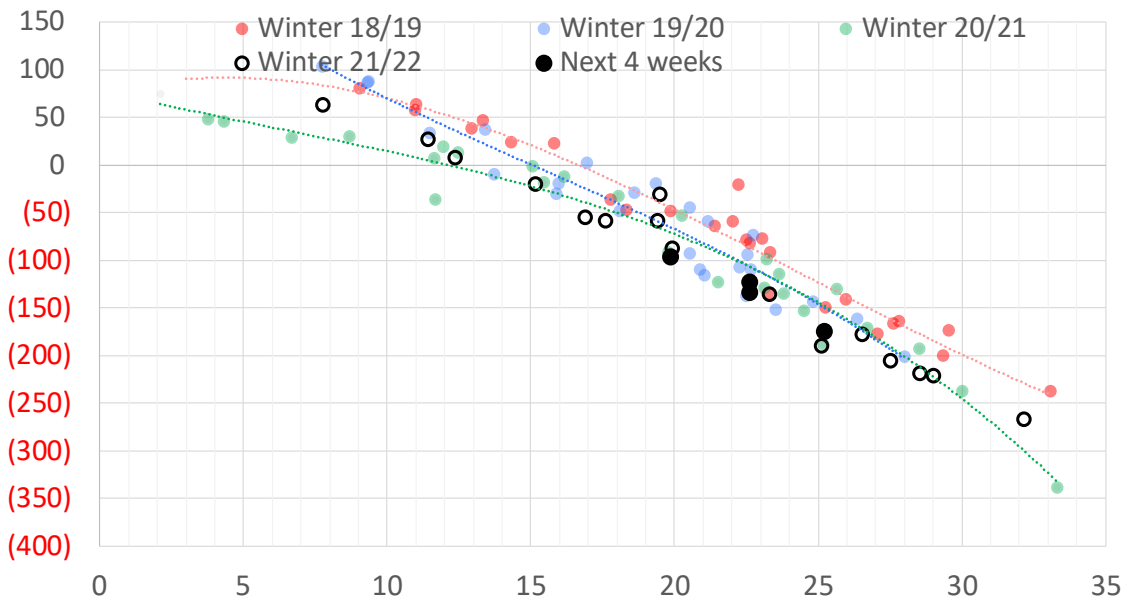


Weather Model Storage Projection

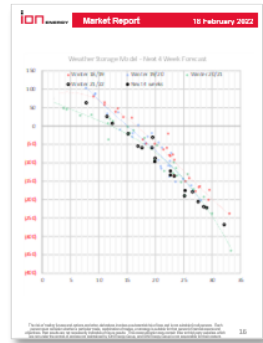
Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
18-Feb	23	-122
25-Feb	23	-133
04-Mar	25	-175
11-Mar	20	-96

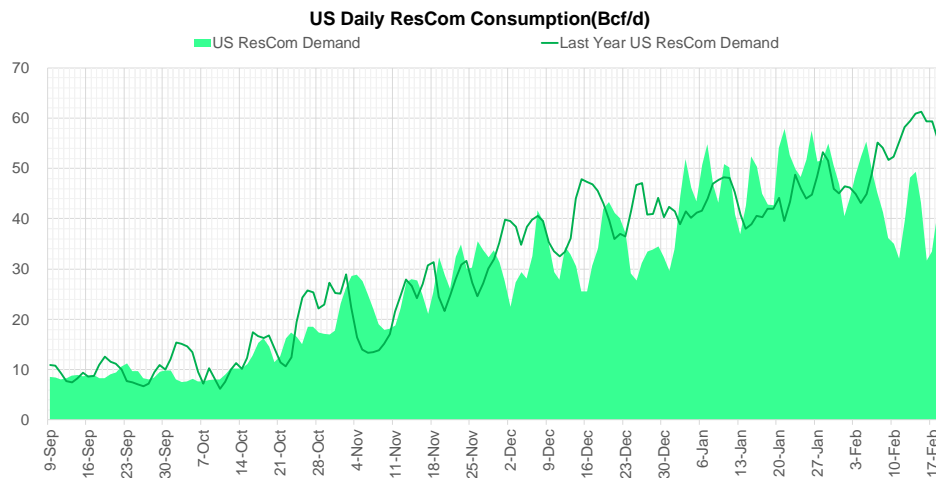
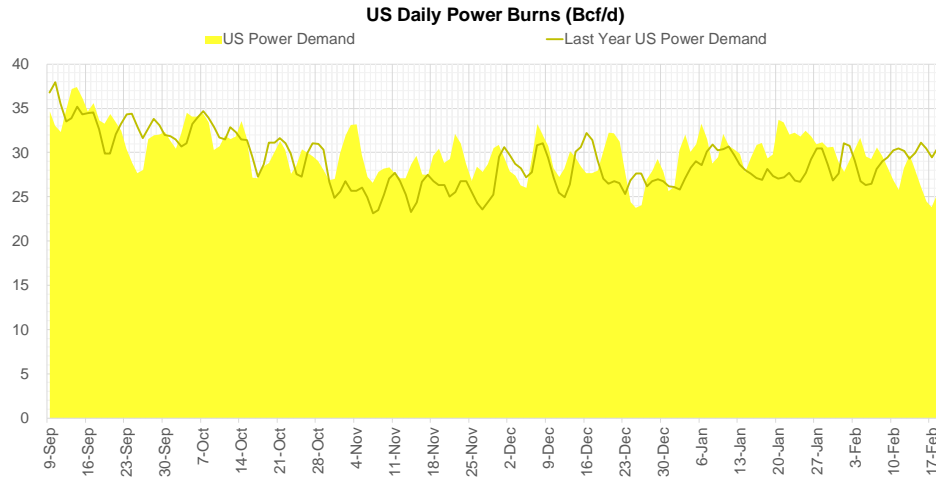
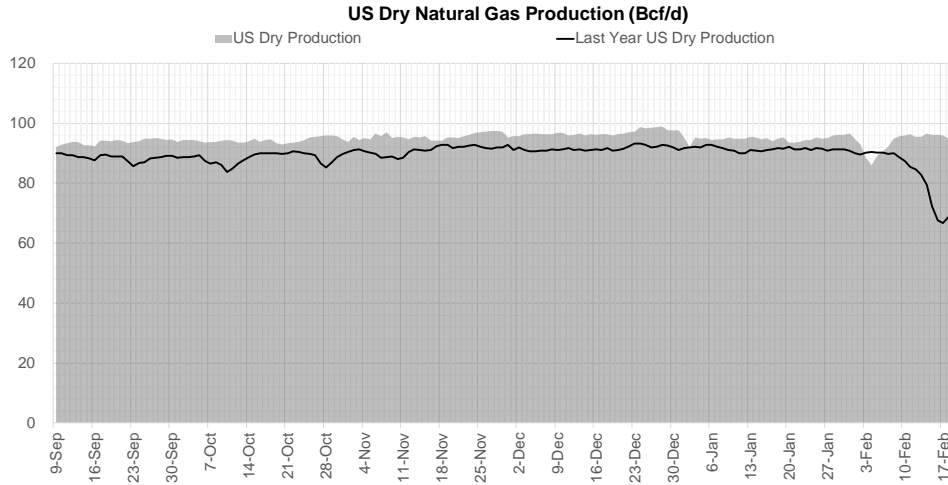
Weather Storage Model - Next 4 Week Forecast



Go to larger image



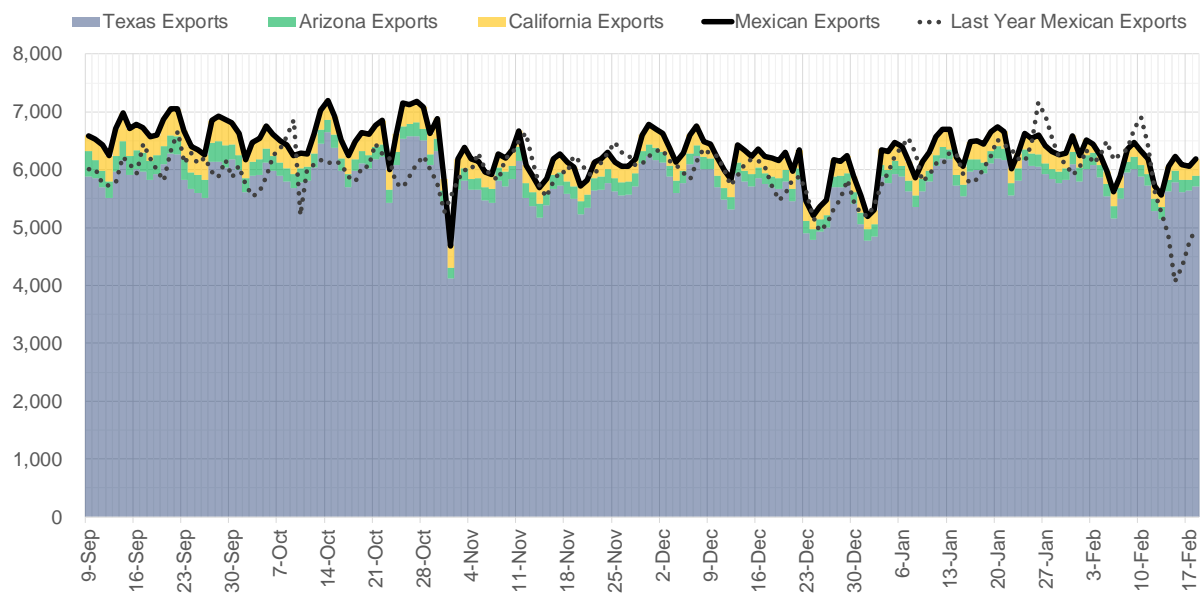
Supply – Demand Trends



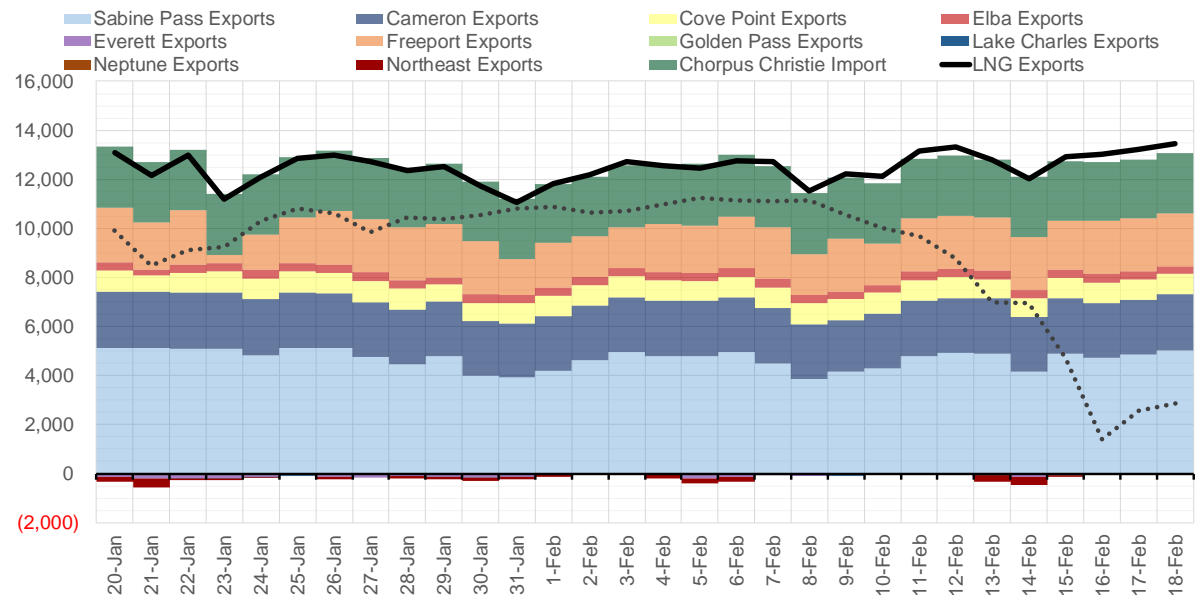
Source: Bloomberg

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

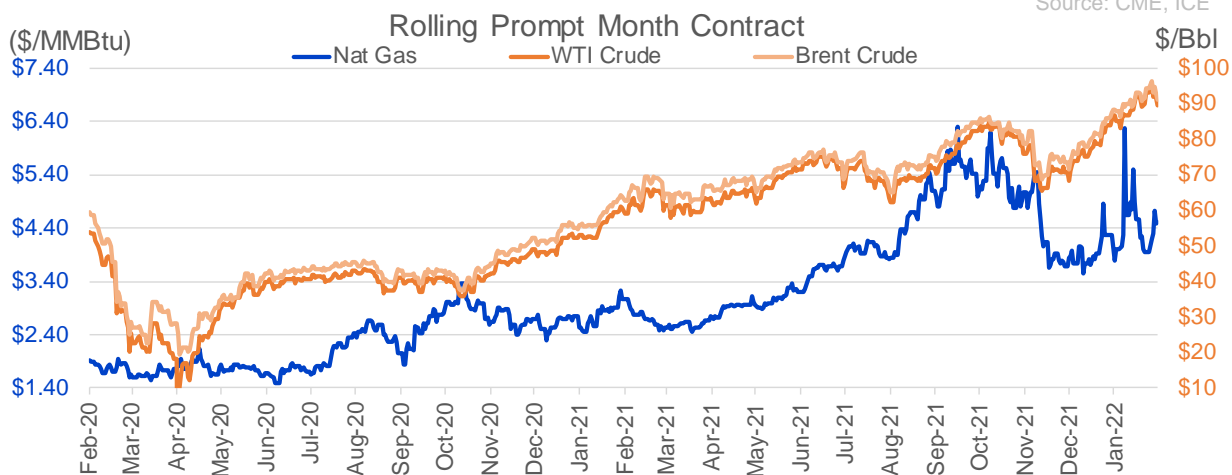
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
3	2022	C	5.00	13912	3	2022	P	3.00	45355
3	2022	C	5.50	9754	3	2022	C	10.00	41885
4	2022	C	6.00	5404	3	2022	P	4.00	39698
3	2022	P	4.00	4516	3	2022	C	5.00	37805
3	2022	C	5.25	4255	4	2022	P	3.50	33776
3	2022	P	4.25	4010	3	2022	P	3.50	32745
4	2022	P	3.50	4000	3	2022	P	3.75	30311
3	2022	C	4.75	3713	10	2022	C	6.00	27711
4	2022	P	4.00	3403	4	2022	C	5.00	26494
7	2022	C	6.00	3370	4	2022	P	3.00	26188
4	2022	P	3.75	3167	3	2022	C	8.00	25983
4	2022	C	7.00	2987	3	2022	C	6.00	25126
10	2022	C	6.00	2533	3	2022	P	2.50	24084
3	2022	C	4.80	2502	3	2022	C	4.50	24025
6	2022	C	6.00	2350	3	2022	C	4.00	23077
4	2022	C	5.00	2245	3	2022	P	4.50	22958
3	2022	C	4.50	2073	5	2022	P	3.00	22107
3	2022	P	4.30	1983	10	2022	C	5.00	21852
6	2022	C	4.50	1975	6	2022	C	6.00	21410
4	2022	P	3.65	1958	3	2022	C	7.00	20723
3	2022	C	6.00	1855	6	2022	C	5.00	20684
5	2022	P	3.50	1799	3	2022	P	3.25	20555
3	2022	C	4.85	1784	5	2022	C	5.00	20145
5	2022	C	5.00	1735	5	2022	P	2.50	19877
4	2022	C	5.50	1718	4	2022	C	6.00	19652
4	2022	C	4.50	1667	3	2022	P	3.90	19613
4	2022	C	5.25	1581	4	2022	C	4.50	18856
5	2022	P	3.25	1463	3	2022	C	5.50	17950
3	2022	P	3.75	1457	6	2022	P	3.00	17634
4	2022	P	3.25	1398	4	2022	C	3.00	17511
3	2022	P	4.50	1389	5	2022	C	6.00	17488
5	2022	P	3.75	1376	10	2022	P	3.00	17380
7	2022	C	5.00	1316	12	2022	C	5.00	17369
10	2022	C	7.00	1306	4	2022	P	2.50	17193
11	2022	P	3.00	1300	9	2022	C	6.00	17075
6	2022	C	5.00	1235	5	2022	P	2.75	17019
4	2022	P	4.25	1233	7	2022	P	3.25	16590
10	2022	C	5.00	1228	7	2022	C	6.00	15602
10	2022	P	4.00	1205	4	2022	P	4.00	15495
5	2022	P	4.00	1204	3	2022	P	5.00	15406
3	2022	C	4.60	1171	4	2022	C	4.75	15086
9	2022	C	6.00	1128	4	2022	C	8.00	15044
4	2022	C	4.75	1115	4	2022	P	2.00	14981
6	2022	P	3.50	1109	4	2022	P	3.25	14901
7	2022	P	3.25	1080	8	2022	C	6.00	14796
3	2022	P	4.35	1016	8	2022	P	3.00	14741
3	2022	C	6.50	1002	6	2022	C	4.50	14652
3	2022	P	4.20	993	10	2022	C	7.00	14600
3	2022	C	5.75	913	7	2022	P	3.00	14537
					4	2022	C	4	14247

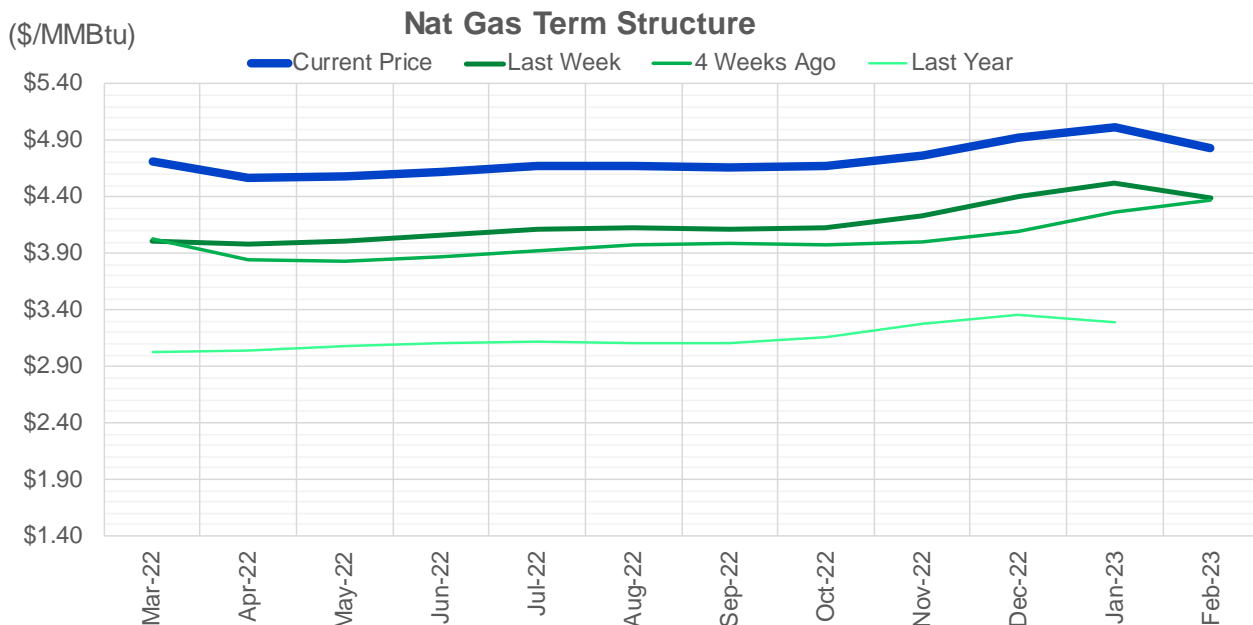
Source: CME, ICE

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
MAR 22	34715	48184	-13469	MAR 22	77839	77378	461
APR 22	135446	135636	-190	APR 22	81183	81410	-228
MAY 22	179905	180131	-226	MAY 22	79994	80331	-337
JUN 22	70795	70570	225	JUN 22	72171	71493	678
JUL 22	83468	82747	721	JUL 22	66935	66992	-57
AUG 22	43270	43117	153	AUG 22	61227	61366	-140
SEP 22	67190	66612	578	SEP 22	61511	61330	181
OCT 22	78690	77995	695	OCT 22	67936	69630	-1694
NOV 22	44674	44442	232	NOV 22	55138	55036	102
DEC 22	42307	41410	897	DEC 22	65306	65056	250
JAN 23	57513	57846	-333	JAN 23	58161	57340	821
FEB 23	21721	21656	65	FEB 23	44705	44649	56
MAR 23	43160	42145	1015	MAR 23	47666	47472	194
APR 23	33896	33624	272	APR 23	47466	47477	-12
MAY 23	22269	21746	523	MAY 23	41429	41093	337
JUN 23	13178	12832	346	JUN 23	38457	38123	334
JUL 23	10357	10109	248	JUL 23	38370	38040	330
AUG 23	7681	7380	301	AUG 23	37930	37550	381
SEP 23	10847	10490	357	SEP 23	37420	37087	334
OCT 23	19667	19669	-2	OCT 23	41595	40932	663
NOV 23	9851	9837	14	NOV 23	40144	40128	16
DEC 23	13430	13083	347	DEC 23	34929	34885	44
JAN 24	12910	13022	-112	JAN 24	28154	27692	462
FEB 24	3238	3238	0	FEB 24	19575	19422	153
MAR 24	12437	12436	1	MAR 24	25417	25281	136
APR 24	6516	6490	26	APR 24	18964	18827	138
MAY 24	2283	2283	0	MAY 24	18403	18372	31
JUN 24	1109	1104	5	JUN 24	18329	18240	89
JUL 24	852	652	200	JUL 24	19009	18925	84
AUG 24	988	785	203	AUG 24	18765	18743	22





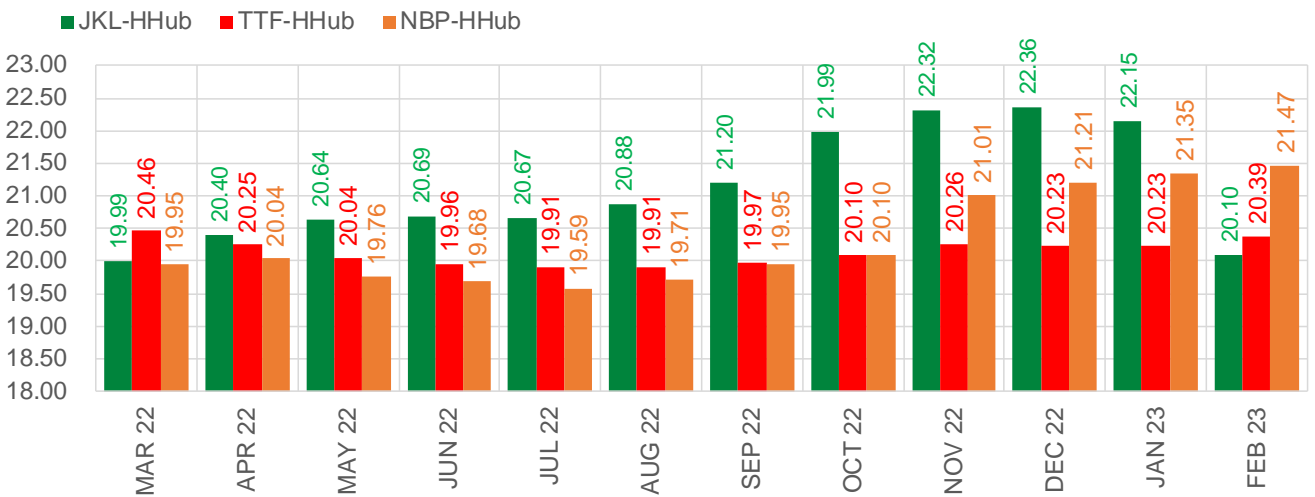
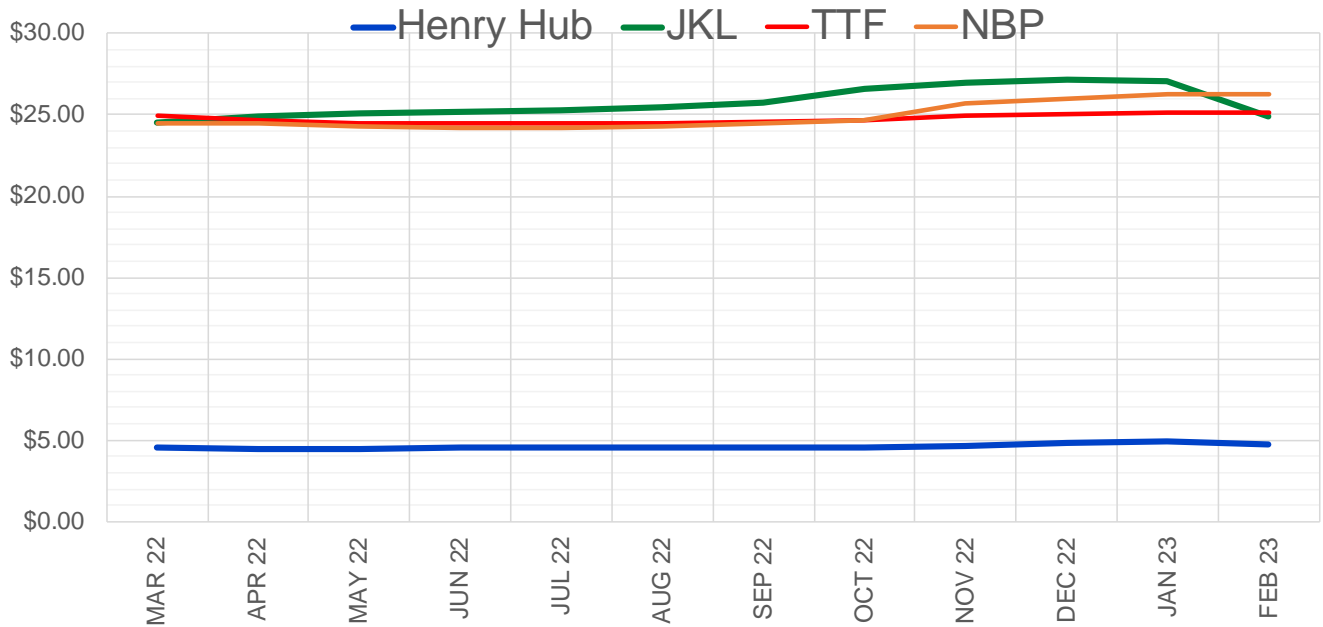
	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
Current Price	\$4.717	\$4.572	\$4.582	\$4.623	\$4.671	\$4.678	\$4.659	\$4.679	\$4.766	\$4.918	\$5.015	\$4.833
Last Week	\$4.009	\$3.980	\$4.009	\$4.058	\$4.113	\$4.125	\$4.109	\$4.133	\$4.231	\$4.406	\$4.516	\$4.395
vs. Last Week	\$0.708	\$0.592	\$0.573	\$0.565	\$0.558	\$0.553	\$0.550	\$0.546	\$0.535	\$0.512	\$0.499	\$0.438
4 Weeks Ago	\$4.031	\$3.845	\$3.826	\$3.865	\$3.918	\$3.977	\$3.993	\$3.978	\$4.004	\$4.097	\$4.271	\$4.371
vs. 4 Weeks Ago	\$0.686	\$0.727	\$0.756	\$0.758	\$0.753	\$0.701	\$0.666	\$0.701	\$0.762	\$0.821	\$0.744	\$0.462
Last Year	\$3.219	\$3.032	\$3.040	\$3.073	\$3.108	\$3.116	\$3.103	\$3.112	\$3.162	\$3.275	\$3.362	\$3.295
vs. Last Year	\$1.498	\$1.540	\$1.542	\$1.550	\$1.563	\$1.562	\$1.556	\$1.567	\$1.604	\$1.643	\$1.653	\$1.538

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	9.50	7.51	-1.99
TETCO M3	\$/MMBtu	4.42	3.82	-0.60
FGT Zone 3	\$/MMBtu	4.58	4.07	-0.51
Zone 6 NY	\$/MMBtu	4.58	4.38	-0.21
Chicago Citygate	\$/MMBtu	4.47	3.85	-0.62
Michcon	\$/MMBtu	4.46	3.82	-0.64
Columbia TCO Pool	\$/MMBtu	3.80	3.48	-0.32
Ventura	\$/MMBtu	4.44	3.93	-0.51
Rockies/Opal	\$/MMBtu	4.38	3.49	-0.89
El Paso Permian Basin	\$/MMBtu	4.20	3.30	-0.90
Socal Citygate	\$/MMBtu	4.58	3.60	-0.98
Malin	\$/MMBtu	4.33	3.57	-0.76
Houston Ship Channel	\$/MMBtu	4.29	3.80	-0.49
Henry Hub Cash	\$/MMBtu	4.56	3.75	-0.81
AECO Cash	C\$/GJ	3.76	3.23	-0.53
Station2 Cash	C\$/GJ	3.73	3.39	-0.35
Dawn Cash	C\$/GJ	4.49	4.10	-0.39

Source: CME, Bloomberg

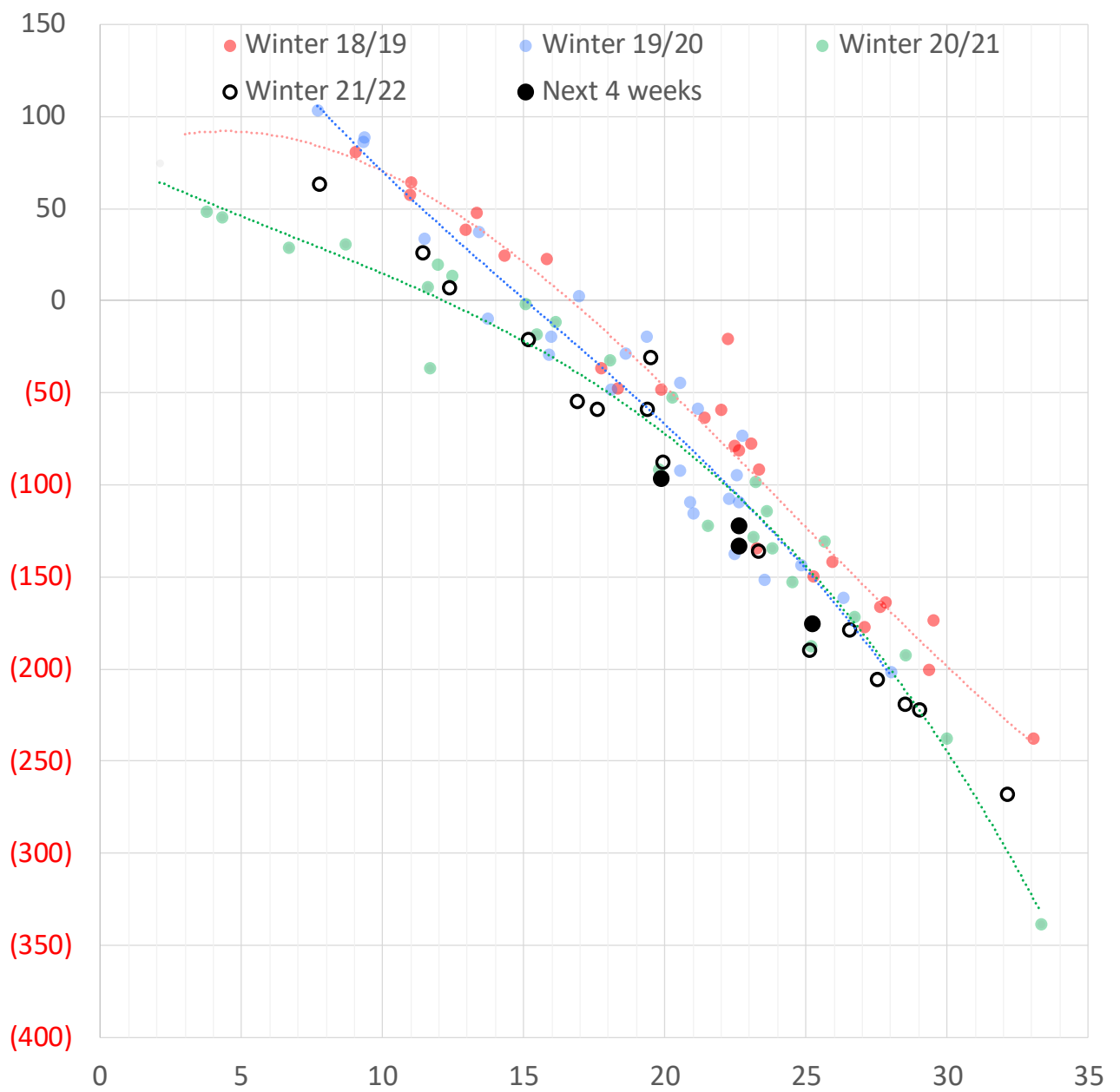
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.219
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.315
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.067
NatGas Apr22/Oct22	\$/MMBtu	0.133	▼ -0.032	▼ -0.053	▲ 0.119
WTI Crude	\$/Bbl	91.76	▲ 1.880	▲ 4.860	▲ 31.240
Brent Crude	\$/Bbl	92.97	▲ 1.560	▲ 4.590	▲ 29.040
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	278.62	▼ -4.100	▲ 11.440	▲ 94.980
Propane, Mt. Bel	cents/Gallon	1.28	▲ 0.030	▲ 0.124	▲ 0.343
Ethane, Mt. Bel	cents/Gallon	0.39	▲ 0.009	▲ 0.026	▲ 0.121
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)



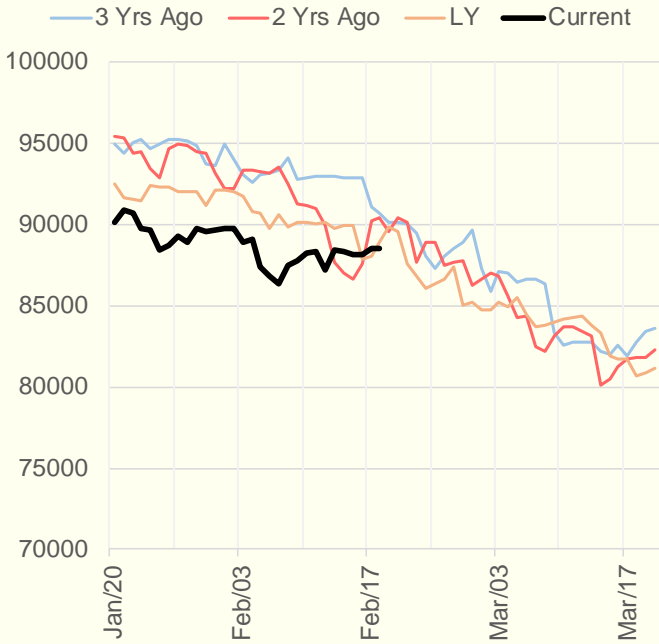
	MAR 22	APR 22	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23
Henry Hub	\$4.518	\$4.468	\$4.486	\$4.536	\$4.584	\$4.576	\$4.571	\$4.584	\$4.683	\$4.817	\$4.914	\$4.759
JKL	\$24.510	\$24.870	\$25.130	\$25.230	\$25.250	\$25.455	\$25.775	\$26.570	\$27.005	\$27.180	\$27.060	\$24.860
JKL-HHub	\$19.992	\$20.402	\$20.644	\$20.694	\$20.666	\$20.879	\$21.204	\$21.986	\$22.322	\$22.363	\$22.146	\$20.101
TTF	\$24.981	\$24.717	\$24.527	\$24.497	\$24.493	\$24.487	\$24.544	\$24.679	\$24.939	\$25.049	\$25.142	\$25.144
TTF-HHub	\$20.463	\$20.249	\$20.041	\$19.961	\$19.909	\$19.911	\$19.973	\$20.095	\$20.256	\$20.232	\$20.228	\$20.385
NBP	\$24.465	\$24.505	\$24.250	\$24.220	\$24.169	\$24.284	\$24.522	\$24.679	\$25.696	\$26.025	\$26.263	\$26.233
NBP-HHub	\$19.947	\$20.037	\$19.764	\$19.684	\$19.585	\$19.708	\$19.951	\$20.095	\$21.013	\$21.208	\$21.349	\$21.474

Weather Storage Model - Next 4 Week Forecast

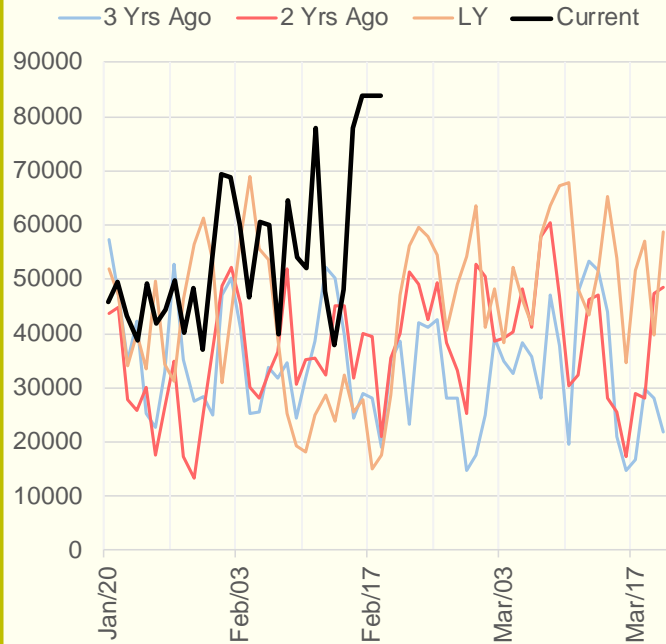


The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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

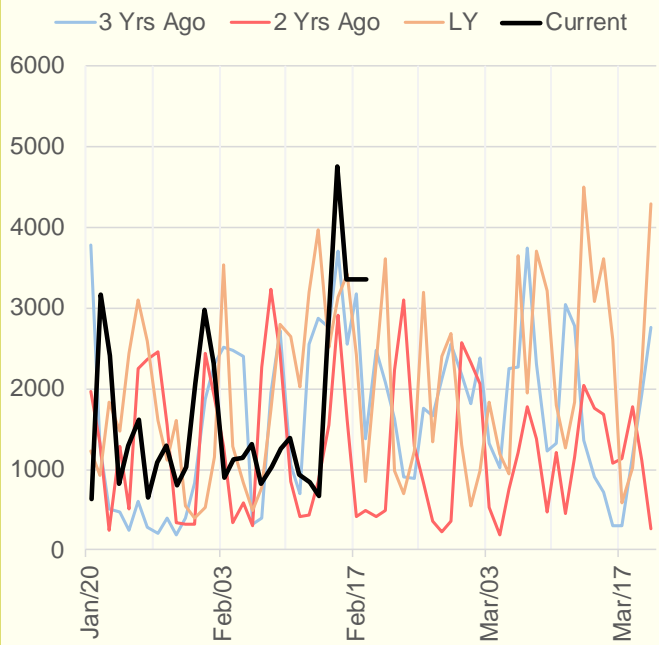
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

