

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 4.09	▼ \$ (0.16)	▼ \$ (0.56)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 89.10	▼ \$ (0.26)	▼ \$ (1.8)

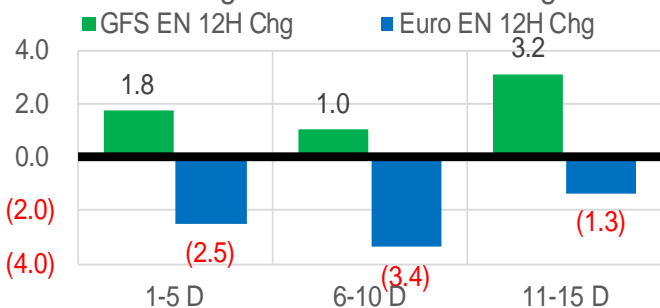
	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 90.60	▼ \$ (0.18)	▼ \$ (1.4)

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

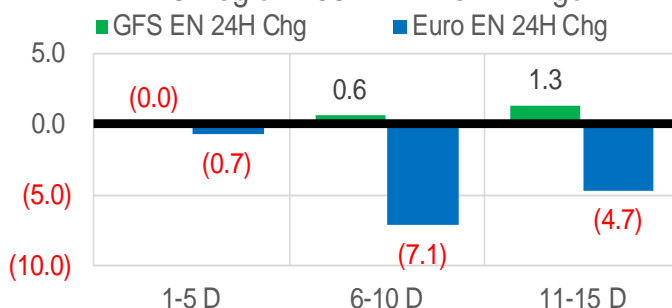
Vs. 12H Ago

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	95.4	▲ 0.28	▲ 4.48

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	28.6	▼ -1.22	▼ -1.36

	Current	Δ from YD	Δ from 7D Avg
US ResComm	37.1	▼ -4.24	▼ -11.07

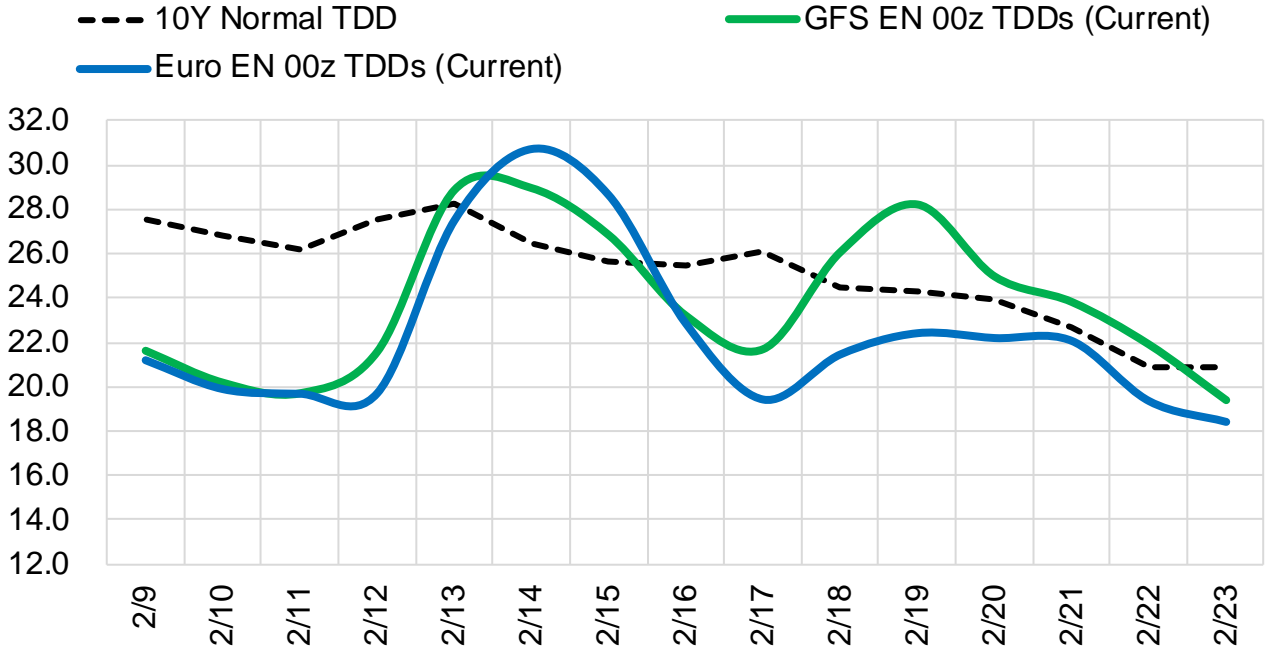
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.7	▼ -0.35	▼ -1.83

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.3	▲ 0.55	▼ -0.19

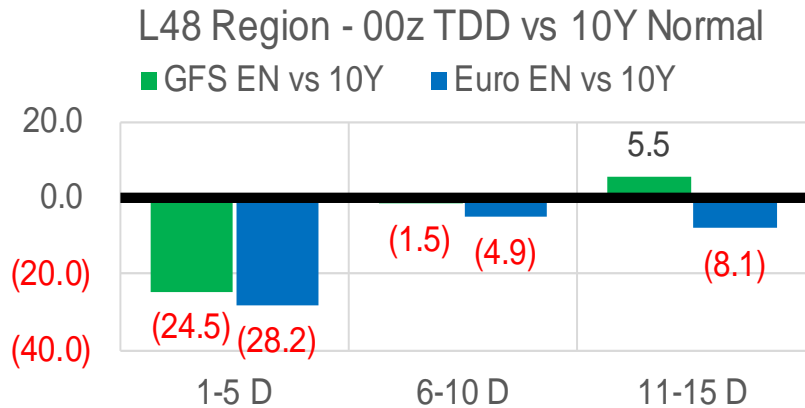
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.3	▼ -0.10	▲ 0.11

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	DoD	vs. 7D
Lower 48 Dry Production	88.9	86.3	89.5	91.0	92.6	95.1	95.4	▲ 0.3	▲ 4.8
Canadian Imports	7.7	8.4	8.0	7.9	7.6	6.1	5.7	▼ -0.3	▼ -1.9
L48 Power	30.3	31.6	29.3	29.1	30.4	29.8	28.6	▼ -1.2	▼ -1.5
L48 Residential & Commercial	48.6	52.6	55.5	49.4	45.5	41.4	37.1	▼ -4.2	▼ -11.7
L48 Industrial	29.0	29.1	28.8	27.5	27.1	26.2	25.5	▼ -0.7	▼ -2.5
L48 Lease and Plant Fuel	4.9	4.7	4.9	5.0	5.1	5.2	5.2	▼ 0.0	▲ 0.2
L48 Pipeline Distribution	3.7	4.0	4.0	3.7	3.6	3.4	3.1	▼ -0.3	▼ -0.6
L48 Regional Gas Consumption	116.5	122.0	122.5	114.7	111.7	105.9	99.4	▼ -6.5	▼ -16.1
Net LNG Delivered	12.71	12.71	12.70	12.94	12.72	11.71	12.26	▲ 0.5	▼ -0.3
Total Mexican Exports	6.5	6.2	6.0	5.8	5.9	6.4	6.3	▼ -0.1	▲ 0.2
Implied Daily Storage Activity	-39.2	-46.3	-43.7	-34.5	-30.1	-22.8	-16.9		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	31-Dec	7-Jan	14-Jan	21-Jan	28-Jan	4-Feb	WoW	vs. 4W
Lower 48 Dry Production	98.4	95.0	95.0	94.7	94.5	94.6	▲ 0.1	▼ -0.2
Canadian Imports	4.2	5.7	6.5	7.0	7.1	7.1	▼ 0.0	▲ 0.5
L48 Power	26.3	29.8	30.4	30.3	32.1	29.7	▼ -2.3	▼ -0.9
L48 Residential & Commercial	31.8	42.9	46.3	47.1	52.8	48.2	▼ -4.5	▲ 1.0
L48 Industrial	23.7	27.3	26.8	28.0	27.6	30.6	▲ 3.0	▲ 3.1
L48 Lease and Plant Fuel	5.3	5.2	5.2	5.2	5.2	5.2	▲ 0.0	▼ 0.0
L48 Pipeline Distribution	2.9	3.5	3.7	3.8	4.1	3.7	▼ -0.4	▼ 0.0
L48 Regional Gas Consumption	90.1	108.7	112.4	114.3	121.8	117.5	▼ -4.3	▲ 3.2
Net LNG Exports	12.3	11.9	12.3	12.9	12.5	12.1	▼ -0.4	▼ -0.3
Total Mexican Exports	5.8	5.9	6.3	6.4	6.5	6.4	▼ -0.1	▲ 0.1
Implied Daily Storage Activity	-5.5	-25.9	-29.5	-32.0	-39.1	-34.3	4.8	
EIA Reported Daily Storage Activity	-4.4	-25.6	-29.4	-31.3	-38.3			
Daily Model Error	-1.1	-0.3	-0.1	-0.7	-0.8			

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	91.4	▼ -3.5	▲ 7.1
Canadian Imports	5.3	6.4	5.4	5.3	4.8	6.7	7.5	▲ 0.7	▲ 1.1
L48 Power	30.2	27.6	30.5	29.1	28.4	30.7	29.7	▼ -1.1	▲ 2.0
L48 Residential & Commercial	40.6	48.1	12.4	27.1	32.6	48.3	47.2	▼ -1.1	▼ -0.8
L48 Industrial	25.1	21.1	21.1	24.3	25.1	27.7	27.9	▲ 0.2	▲ 6.9
L48 Lease and Plant Fuel	5.1	4.6	5.2	5.2	5.3	5.2	5.0	▼ -0.2	▲ 0.4
L48 Pipeline Distribution	3.5	3.6	2.4	2.9	3.0	3.8	3.6	▼ -0.2	▲ 0.1
L48 Regional Gas Consumption	104.5	104.9	71.6	88.7	94.4	115.8	113.5	▼ -2.3	▲ 8.5
Net LNG Exports	8.5	8.4	10.6	11.4	12.1	12.4	12.5	▲ 0.1	▲ 4.0
Total Mexican Exports	5.2	5.7	6.6	6.1	6.1	6.3	6.2	▼ -0.1	▲ 0.5
Implied Daily Storage Activity	-18.7	-28.4	10.9	-5.3	-11.0	-32.9	-33.2		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	1-Feb	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	DoD	vs. 7D
NRC Nuclear Daily Output	89.8	89.8	88.9	89.1	87.4	86.9	86.4	-0.5	-2.3
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	15.1	15.1	15.9	15.8	17.5	18.0	18.5	0.5	2.3
NRC % Nuclear Cap Utilization	91.3	91.3	90.4	90.6	88.9	88.3	87.8	-0.5	-2.3

Wind Generation Daily Average - MWh (EIA)

	1-Feb	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	DoD	vs. 7D
CALI Wind	2981	2314	902	1127	1144	1323	817	-506	-815
TEXAS Wind	11667	17189	17096	10235	11192	12798	7307	-5491	-6056
US Wind	69323	68889	59921	46460	59007	60604	39689	-20915	-21012

Generation Daily Average - MWh (EIA)

	1-Feb	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	DoD	vs. 7D
US Wind	69323	68889	59921	46460	59007	60604	39689	-20915	-21012
US Solar	10241	9003	9088	10632	10901	10497	10976	479	915
US Petroleum	3935	2815	2483	4457	4218	3631	4074	443	485
US Other	9247	8820	8848	8744	7616	7444	9625	2180	1171
US Coal	111832	111604	119621	125839	109589	105965	125692	19727	11617
US Nuke	95004	94396	93772	93850	80488	79714	88673	8959	-864
US Hydro	30706	31445	31334	33307	30982	31892	33242	1350	1631
US Gas	142702	148163	164836	179870	150798	139456	169368	29912	15064

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	31-Dec	7-Jan	14-Jan	21-Jan	28-Jan	4-Feb	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	92.1	91.3	90.6	89.7	89.7	89.5	-0.2	0.0
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	12.8	13.6	14.3	15.1	15.2	15.4	0.2	
NRC % Nuclear Cap Utilization	0.1	0.1	0.1	0.1	0.1	0.1	0.0	

Wind Generation Weekly Average - MWh (EIA)

	31-Dec	7-Jan	14-Jan	21-Jan	28-Jan	4-Feb	WoW	WoW Bcf/d Impact
CALI Wind	2591	1603	1266	1273	1580	1627	48	0.0
TEXAS Wind	13891	13603	10192	15630	7185	12223	5038	-0.9
US Wind	53057	57109	50716	55686	45244	53913	8669	-1.6
					-10441.9			
					-19%			

Generation Weekly Average - MWh (EIA)

	31-Dec	7-Jan	14-Jan	21-Jan	28-Jan	4-Feb	WoW	WoW Bcf/d Impact
US Wind	53057	57109	50716	55686	45244	53913	8669	-1.6
US Solar	6957	8468	9389	8609	10087	10284	197	0.0
US Petroleum	3084	3038	4915	5260	5993	4672	-1320	0.2
US Other	7592	8303	8254	8109	9663	9553	-110	0.0
US Coal	79940	94949	115096	117880	130576	124862	-5714	1.0
US Nuke	97123	96362	95713	94657	94693	94661	-32	0.0
US Hydro	31298	34608	34200	34490	34128	31785	-2342	0.4
US Gas	136242	154375	161930	156870	177830	159256	-18574	

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	94.2	91.6	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	10.7	13.3	22.0	14.6	14.7	16.7	15.5	2.0	2.3
NRC % Nuclear Cap Utilization	95.7	93.2	84.2	91.8	91.7	89.6	90.9	-2.1	-2.3

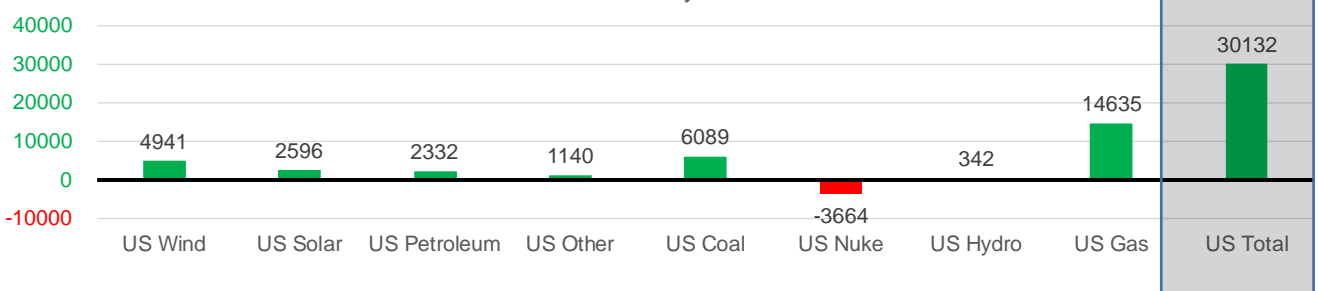
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Nov-21	Dec-21	Jan-22	Feb-22			
	CALI Wind	1438	1366	1224	1585	1364			
TEXAS Wind	9681	10856	11678	12927	11355	11344	10644	-11	-211
US Wind	33757	45059	49838	54810	51165	53697	50000	2532	4941

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	33757	45059	49838	54810	51165			
US Solar	5626	7314	9688	7376	9476	10365	9910	▼-455.0	▲ 2596
US Petroleum	3657	2690	3022	3135	5021	3751	5021	▲ 1270	▲ 2332
US Other	8782	7725	8445	8222	8792	8844	8864	▲ 20	▲ 1140
US Coal	81256	116579	80906	81617	118026	117947	122669	▲ 4722	▲ 6089
US Nuke	95324	96908	87558	95449	95259	89249	93244	▲ 3995	▼-3664
US Hydro	34847	33008	26649	30826	34107	32154	33349	▲ 1195	▲ 342
US Gas	159496	150159	151991	152627	164025	159325	164794	▲ 7050	▲ 14635
US Total	435052	457930	418455	434177	485994	475770	488063	▲ 17797	▲ 30132

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

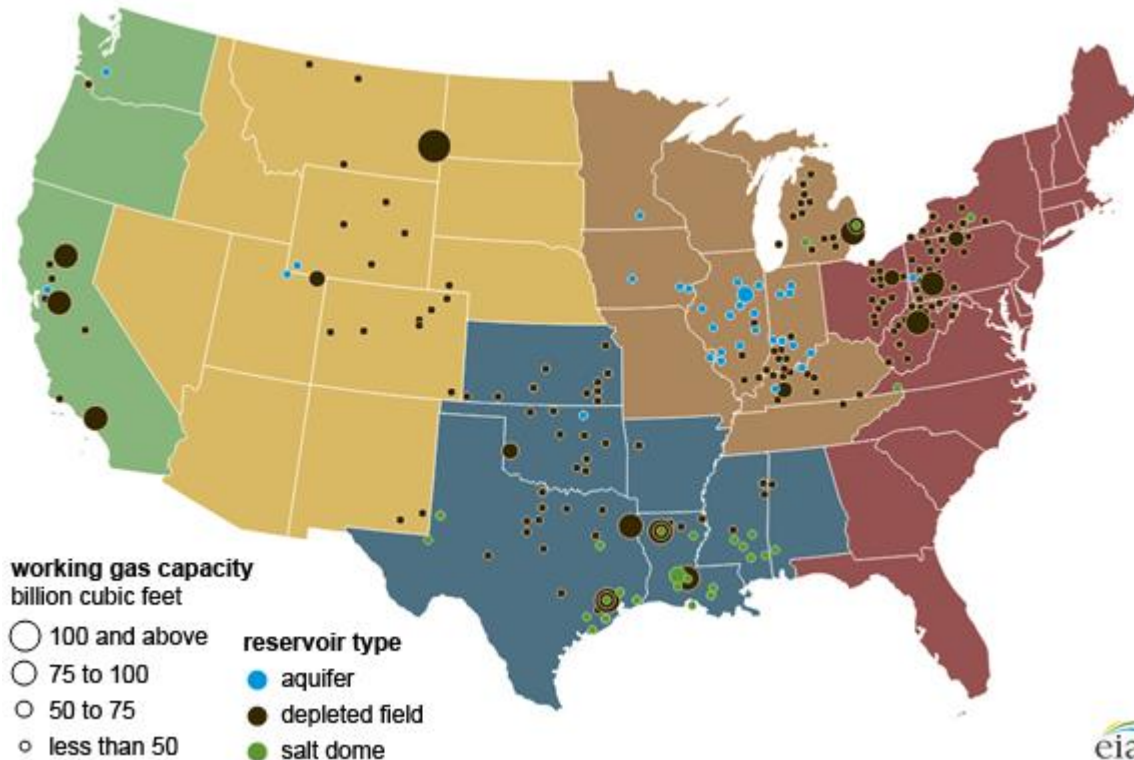
Regional S/D Models Storage Projection

Week Ending 4-Feb

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-34.4	0.7	-33.6	-235
East	-10.7	2.4	-8.2	-58
Midwest	-9.9	-1.1	-11.0	-77
Mountain	1.4	-3.1	-1.7	-12
South Central	-13.8	2.9	-10.9	-76
Pacific	-1.4	-0.4	-1.7	-12

*Adjustment Factor is calculated based on historical regional deltas

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

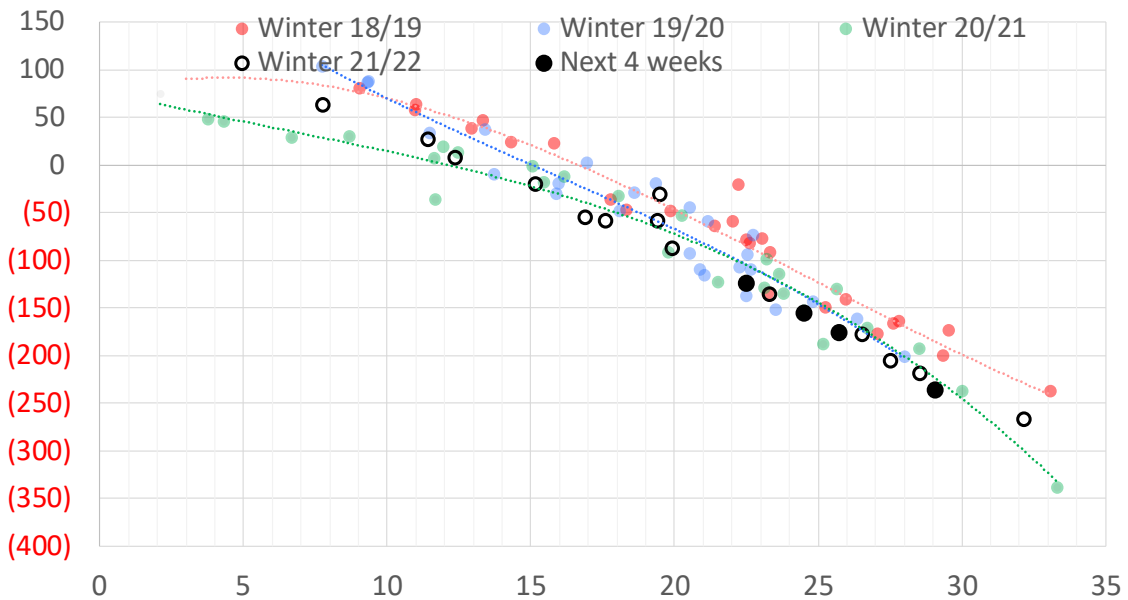


Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
04-Feb	29	-235
11-Feb	26	-175
18-Feb	24	-155
25-Feb	22	-124

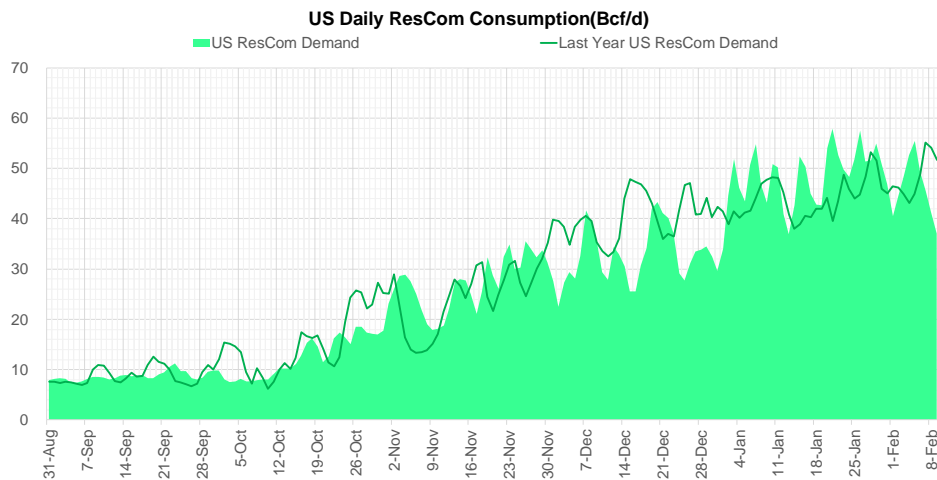
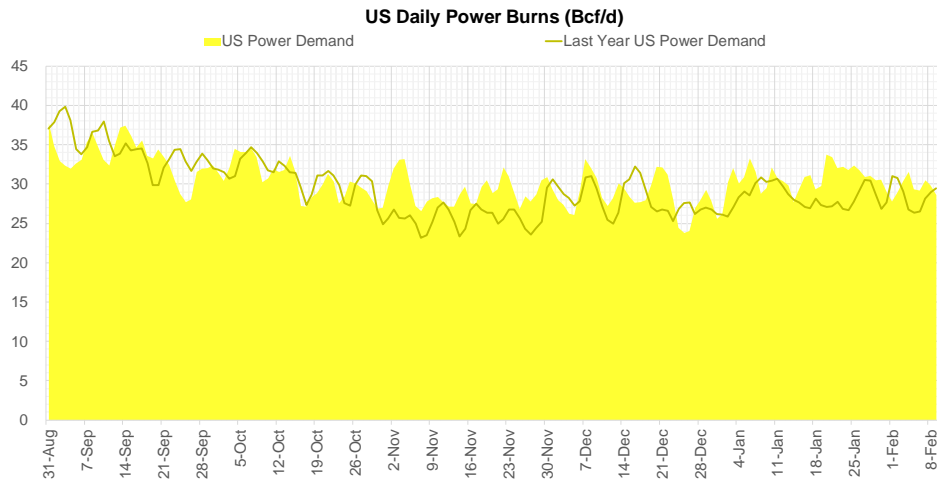
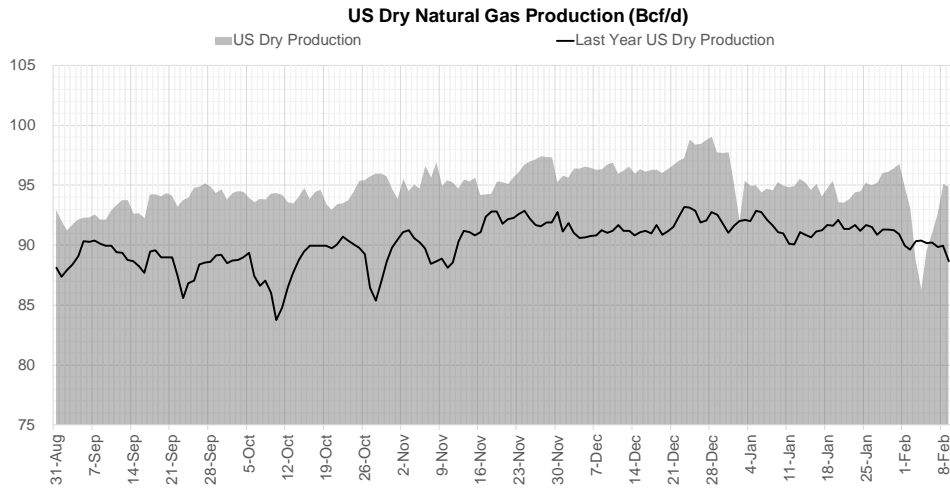
Weather Storage Model - Next 4 Week Forecast



Go to larger image



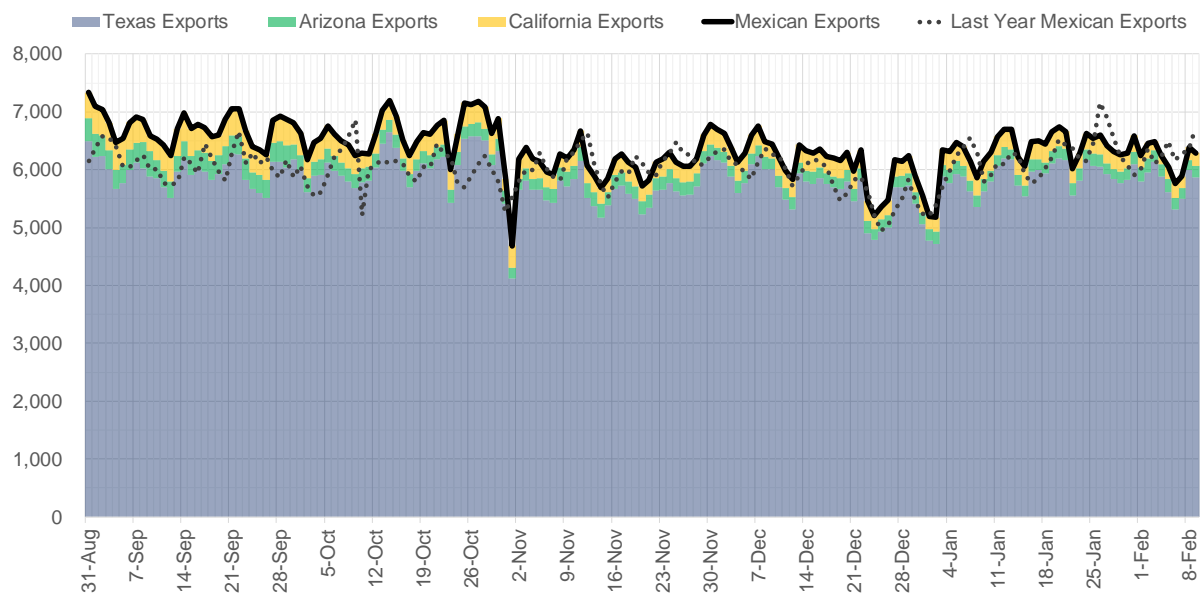
Supply – Demand Trends



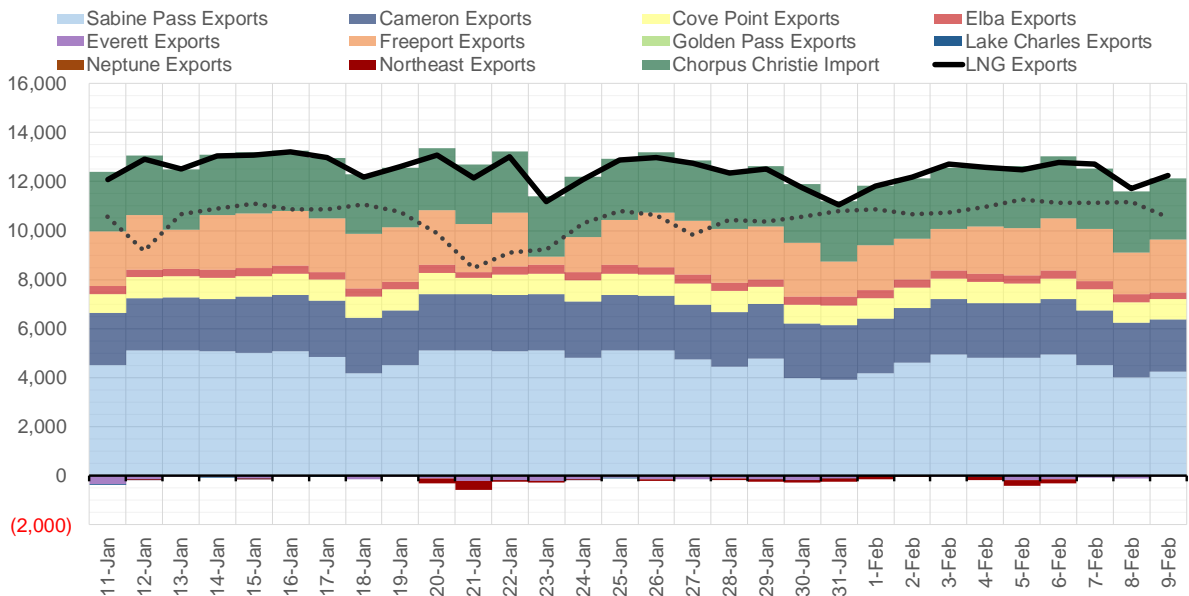
Source: Bloomberg

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

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Nat Gas Options Volume and Open Interest CME and ICE Combined

ICE Data not
updated today

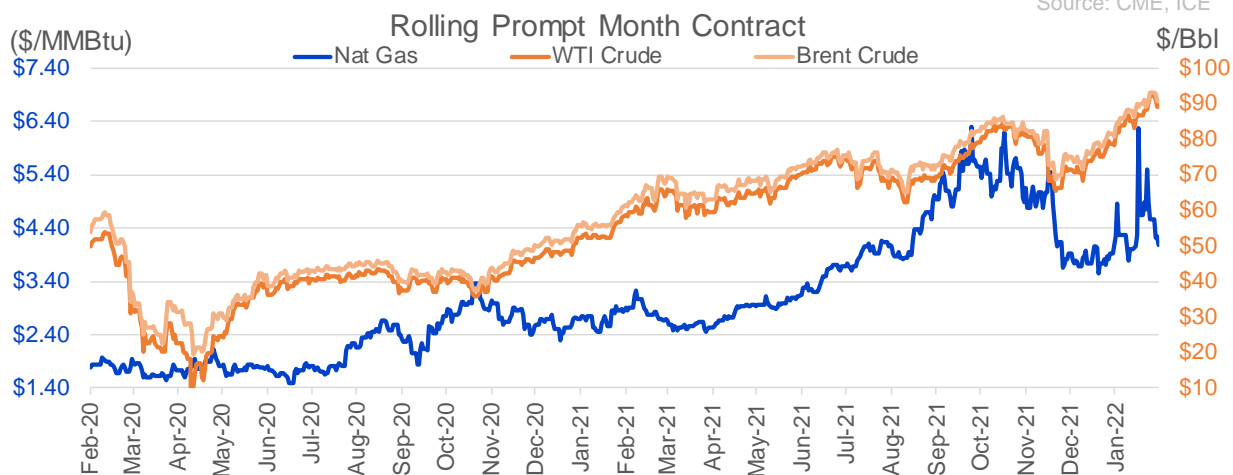
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
3	2022	P	4.00	5688	3	2022	P	3.00	42295
5	2022	P	2.75	5425	3	2022	C	10.00	41965
5	2022	P	2.50	5050	3	2022	P	4.00	41711
3	2022	C	5.00	4931	3	2022	C	5.00	33300
3	2022	P	3.75	4110	3	2022	P	3.50	31416
4	2022	C	3.00	3900	3	2022	C	6.00	28842
4	2022	P	3.25	2976	3	2022	C	8.00	26139
3	2022	C	5.75	2827	3	2022	P	3.75	25674
4	2022	C	2.50	2300	10	2022	C	6.00	24546
3	2022	C	4.50	1990	3	2022	P	2.50	24084
3	2022	C	4.75	1862	3	2022	P	4.50	23498
4	2022	P	3.50	1748	4	2022	P	3.00	22886
3	2022	P	3.50	1595	3	2022	C	4.00	22700
3	2023	C	5.00	1500	3	2022	C	7.00	20895
4	2022	P	4.00	1422	4	2022	C	5.00	20206
3	2022	P	3.90	1377	3	2022	P	3.90	20113
1	2023	C	8.00	1300	5	2022	P	2.50	19987
2	2023	C	8.00	1300	3	2022	P	3.25	19831
3	2023	C	6.00	1300	6	2022	C	5.00	19568
3	2023	C	8.00	1300	3	2022	C	4.50	19063
3	2023	P	2.75	1300	6	2022	C	6.00	18709
4	2022	C	4.75	1276	4	2022	C	3.00	18611
10	2022	P	4.00	1230	4	2022	P	4.00	18567
8	2022	C	5.00	1201	10	2022	C	5.00	18554
4	2022	P	3.75	1156	5	2022	P	3.00	17425
1	2023	C	7.00	1100	5	2022	C	5.00	17385
2	2023	C	7.00	1100	4	2022	P	2.50	17243
3	2023	C	7.00	1100	6	2022	P	3.00	17111
8	2022	C	6.50	1000	5	2022	P	2.75	16699
8	2022	C	7.50	1000	5	2022	C	6.00	16220
4	2022	C	5.00	920	12	2022	C	5.00	16026
5	2022	P	3.75	914	3	2022	P	5.00	15359
3	2022	P	4.10	874	10	2022	P	3.00	15302
3	2022	C	5.50	839	4	2022	C	6.00	15207
5	2022	P	3.25	826	3	2022	P	2.00	14981
5	2022	P	4.00	820	3	2022	C	5.50	14469
11	2022	P	3.50	800	4	2022	P	3.50	14194
11	2022	P	4.25	800	10	2022	P	2.00	13921
6	2022	P	3.75	783	3	2022	P	2.25	13916
4	2022	P	4.25	752	3	2022	P	2.75	13865
6	2022	P	4.00	750	4	2022	C	4.00	13833
7	2022	P	3.75	730	4	2022	P	3.25	13827
3	2022	P	4.25	721	5	2022	C	3.00	13733
4	2022	C	5.50	710	9	2022	C	6.00	13683
5	2022	P	4.25	705	5	2022	P	3.50	13666
7	2022	P	3.50	705	6	2022	C	3.00	13438
8	2022	P	3.75	700	7	2022	P	3.00	13375
9	2022	P	3.75	700	3	2022	C	3.50	13281
7	2022	P	4.00	675	3	2022	C	3.00	13270
					12	2022	C	6.25	13254

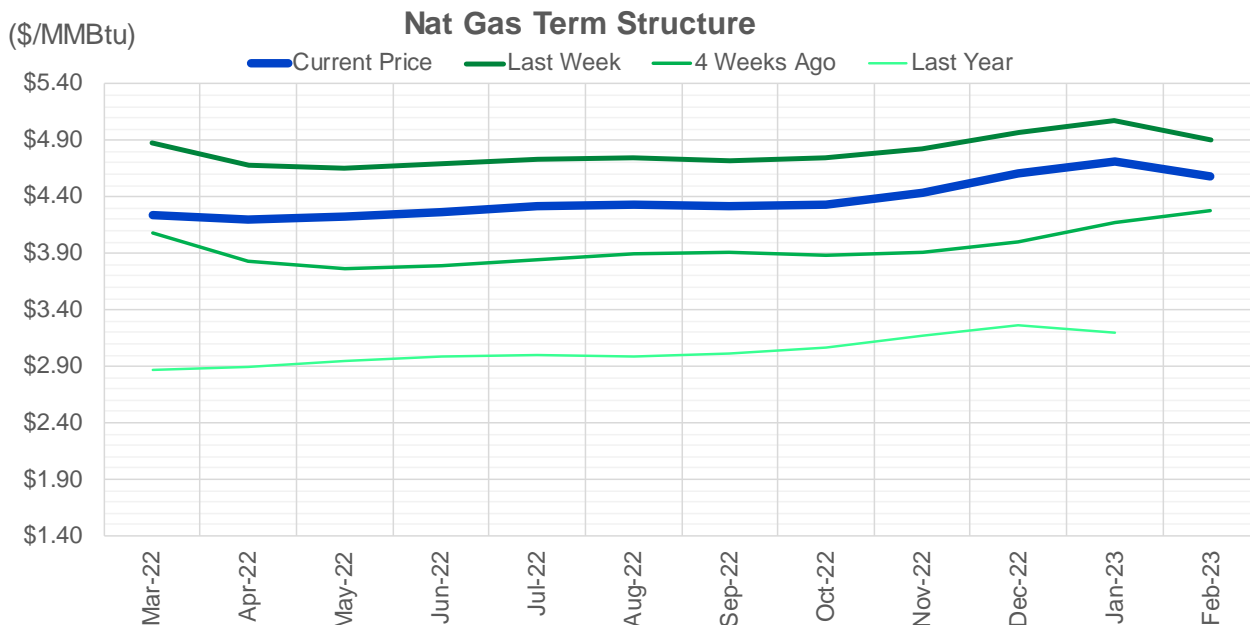
Source: CME, ICE

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	177484	210576	-33092	MAR 22	93823	95273	-1451
APR 22	101448	101188	260	APR 22	82139	81094	1044
MAY 22	151780	148452	3328	MAY 22	77445	77772	-327
JUN 22	66636	66487	149	JUN 22	71117	70550	568
JUL 22	72215	68961	3254	JUL 22	65135	64762	373
AUG 22	42319	41965	354	AUG 22	60373	60299	74
SEP 22	57156	56290	866	SEP 22	61175	61303	-128
OCT 22	74931	76452	-1521	OCT 22	68777	68943	-166
NOV 22	39434	38293	1141	NOV 22	55354	55089	264
DEC 22	40260	40334	-74	DEC 22	63472	63700	-227
JAN 23	58837	58375	462	JAN 23	53896	54252	-356
FEB 23	20748	20570	178	FEB 23	43605	43914	-309
MAR 23	38129	37622	507	MAR 23	46671	47193	-522
APR 23	34023	34984	-961	APR 23	47236	47224	12
MAY 23	20681	20850	-169	MAY 23	40283	40165	119
JUN 23	12736	12580	156	JUN 23	37753	37758	-5
JUL 23	11118	11272	-154	JUL 23	37380	37281	98
AUG 23	7560	7594	-34	AUG 23	36759	36662	97
SEP 23	10382	10406	-24	SEP 23	36578	36590	-12
OCT 23	16723	16552	171	OCT 23	40793	40651	143
NOV 23	9610	10150	-540	NOV 23	39983	39892	92
DEC 23	13162	13410	-248	DEC 23	34221	34251	-30
JAN 24	12376	11870	506	JAN 24	26060	25929	131
FEB 24	2721	2674	47	FEB 24	18892	18841	51
MAR 24	12434	12264	170	MAR 24	24714	24660	54
APR 24	6415	6430	-15	APR 24	18338	18261	77
MAY 24	2326	2339	-13	MAY 24	18063	17960	103
JUN 24	1041	1015	26	JUN 24	17939	17876	63
JUL 24	633	632	1	JUL 24	18603	18500	103
AUG 24	764	745	19	AUG 24	18351	18344	8





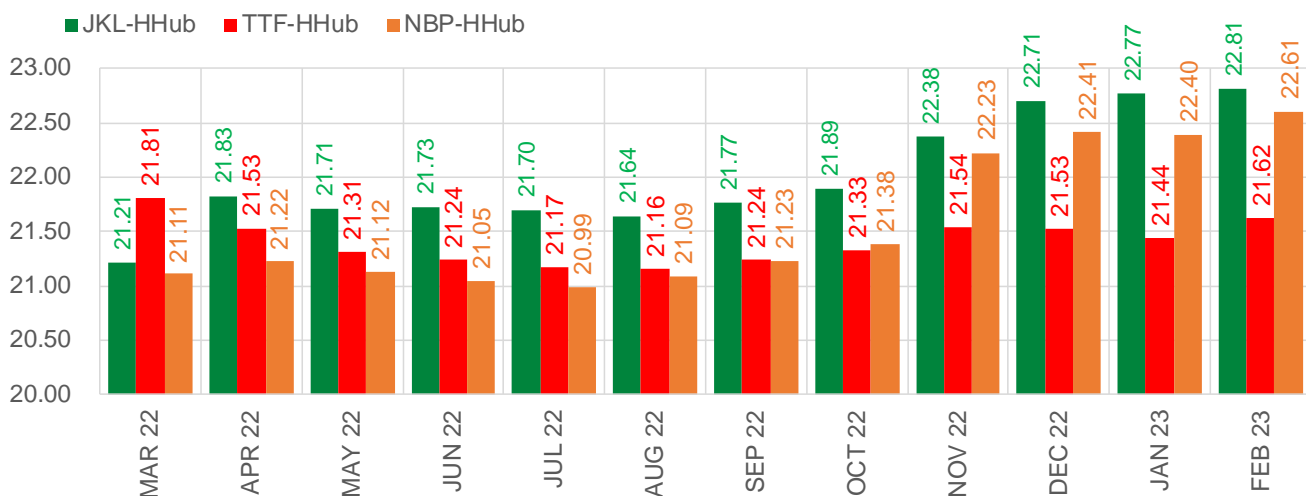
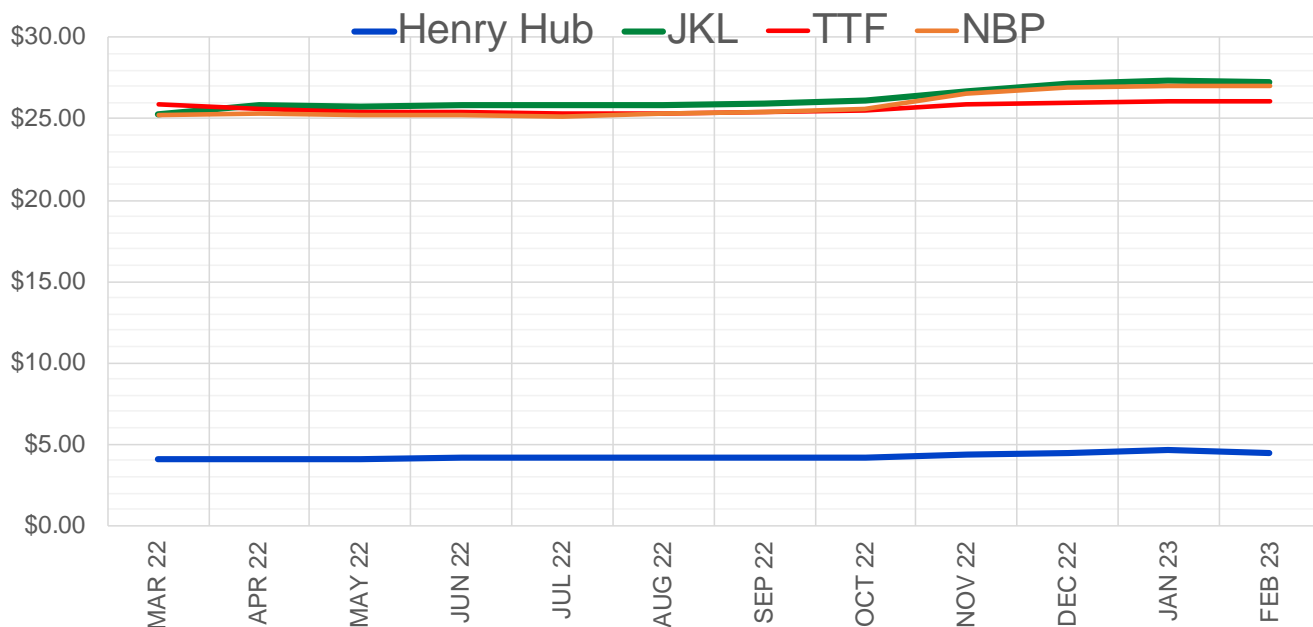
	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
Current Price	\$4.232	\$4.198	\$4.221	\$4.266	\$4.319	\$4.330	\$4.313	\$4.336	\$4.430	\$4.602	\$4.710	\$4.575
Last Week	\$4.874	\$4.675	\$4.660	\$4.692	\$4.734	\$4.741	\$4.720	\$4.745	\$4.819	\$4.975	\$5.076	\$4.898
vs. Last Week	-\$0.642	-\$0.477	-\$0.439	-\$0.426	-\$0.415	-\$0.411	-\$0.407	-\$0.409	-\$0.389	-\$0.373	-\$0.366	-\$0.323
4 Weeks Ago	\$4.079	\$3.834	\$3.767	\$3.787	\$3.839	\$3.899	\$3.909	\$3.889	\$3.915	\$4.000	\$4.174	\$4.278
vs. 4 Weeks Ago	\$0.153	\$0.364	\$0.454	\$0.479	\$0.480	\$0.431	\$0.404	\$0.447	\$0.515	\$0.602	\$0.536	\$0.297
Last Year	\$2.882	\$2.862	\$2.892	\$2.941	\$2.993	\$3.004	\$2.992	\$3.010	\$3.066	\$3.176	\$3.259	\$3.195
vs. Last Year	\$1.350	\$1.336	\$1.329	\$1.325	\$1.326	\$1.326	\$1.321	\$1.326	\$1.364	\$1.426	\$1.451	\$1.380

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	9.00	12.08	3.08
TETCO M3	\$/MMBtu	4.26	5.13	0.87
FGT Zone 3	\$/MMBtu	5.77	5.00	-0.77
Zone 6 NY	\$/MMBtu	5.77	5.38	-0.39
Chicago Citygate	\$/MMBtu	4.08	4.92	0.84
Michcon	\$/MMBtu	4.11	4.78	0.67
Columbia TCO Pool	\$/MMBtu	3.88	4.41	0.53
Ventura	\$/MMBtu	4.01	4.98	0.97
Rockies/Opal	\$/MMBtu	3.94	4.53	0.59
El Paso Permian Basin	\$/MMBtu	3.59	4.34	0.75
Socal Citygate	\$/MMBtu	4.17	4.62	0.45
Malin	\$/MMBtu	5.07	4.50	-0.57
Houston Ship Channel	\$/MMBtu	3.95	4.80	0.85
Henry Hub Cash	\$/MMBtu	4.29	4.72	0.43
AECO Cash	C\$/GJ	3.40	3.90	0.50
Station2 Cash	C\$/GJ	3.35	4.45	1.10
Dawn Cash	C\$/GJ	4.17	5.14	0.97

Source: CME, Bloomberg

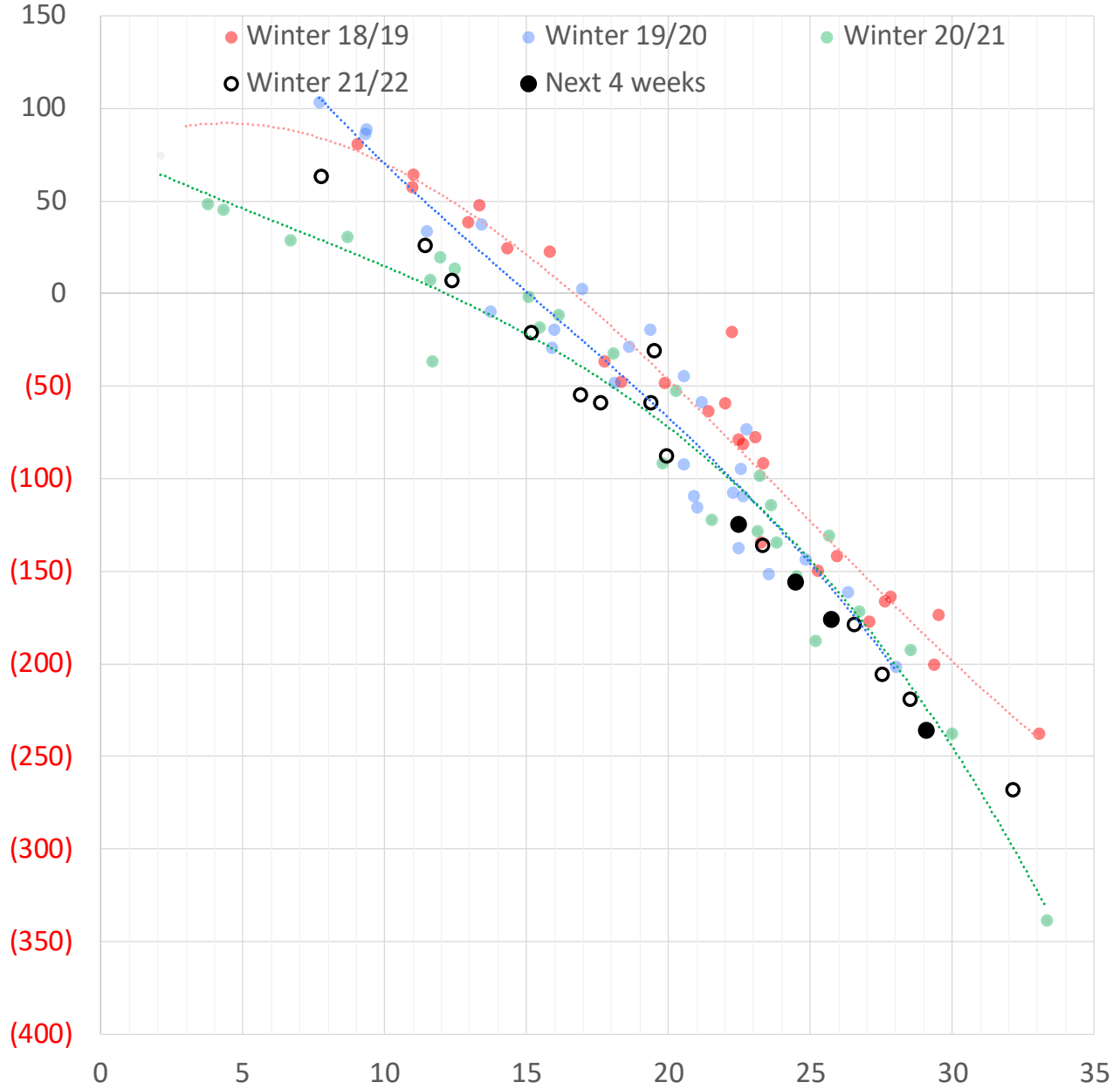
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.201
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.302
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.072
NatGas Apr22/Oct22	\$/MMBtu	0.143	▲ 0.044	▲ 0.011	▲ 0.126
WTI Crude	\$/Bbl	89.36	▲ 1.160	▲ 8.140	▲ 31.000
Brent Crude	\$/Bbl	90.78	▲ 1.620	▲ 7.060	▲ 29.690
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	279.26	▲ 5.140	▲ 22.900	▲ 103.590
Propane, Mt. Bel	cents/Gallon	1.23	▼ -0.073	▲ 0.082	▲ 0.370
Ethane, Mt. Bel	cents/Gallon	0.40	▼ -0.037	▲ 0.029	▲ 0.139
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)



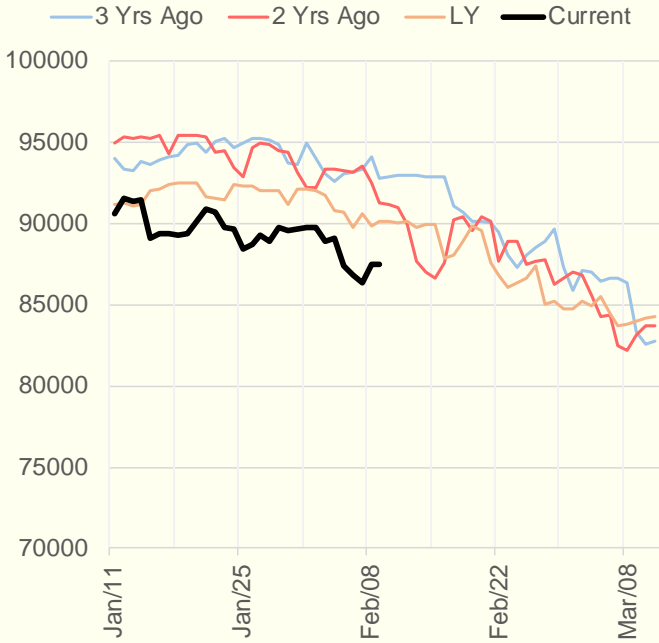
	MAR 22	APR 22	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23
Henry Hub	\$4.092	\$4.066	\$4.093	\$4.148	\$4.189	\$4.202	\$4.194	\$4.217	\$4.315	\$4.483	\$4.601	\$4.456
JKL	\$25.305	\$25.895	\$25.800	\$25.875	\$25.890	\$25.845	\$25.960	\$26.110	\$26.690	\$27.190	\$27.370	\$27.270
JKL-HHub	\$21.213	\$21.829	\$21.707	\$21.727	\$21.701	\$21.643	\$21.766	\$21.893	\$22.375	\$22.707	\$22.769	\$22.814
TTF	\$25.899	\$25.598	\$25.407	\$25.385	\$25.359	\$25.359	\$25.432	\$25.550	\$25.859	\$26.009	\$26.040	\$26.079
TTF-HHub	\$21.807	\$21.532	\$21.314	\$21.237	\$21.170	\$21.157	\$21.238	\$21.333	\$21.544	\$21.526	\$21.439	\$21.623
NBP	\$25.202	\$25.287	\$25.217	\$25.193	\$25.179	\$25.292	\$25.419	\$25.599	\$26.541	\$26.895	\$26.996	\$27.062
NBP-HHub	\$21.110	\$21.221	\$21.124	\$21.045	\$20.990	\$21.090	\$21.225	\$21.382	\$22.226	\$22.412	\$22.395	\$22.606

Weather Storage Model - Next 4 Week Forecast

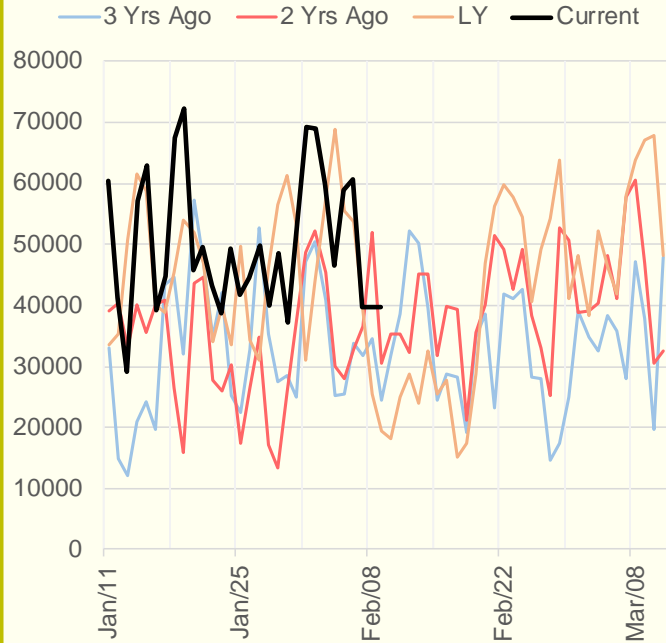


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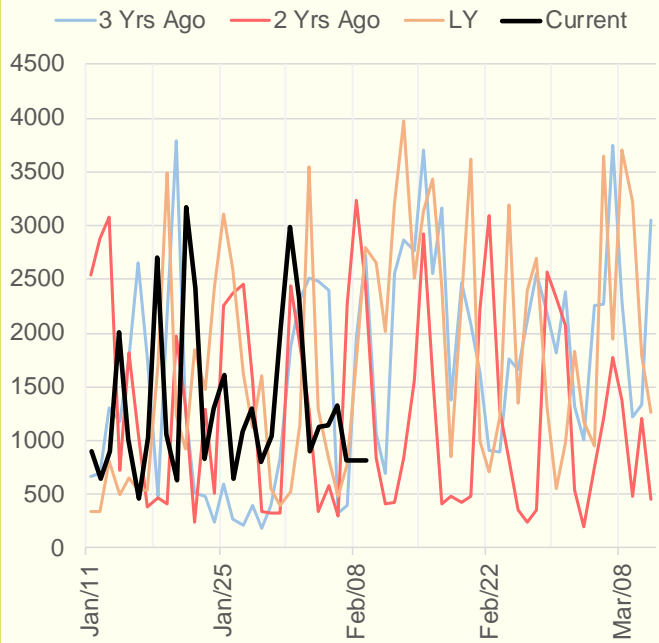
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

