

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 4.37 ▲	\$ 0.09 ▲	\$ 0.34

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 88.02 ▲	\$ 0.67 ▲	\$ 2.5

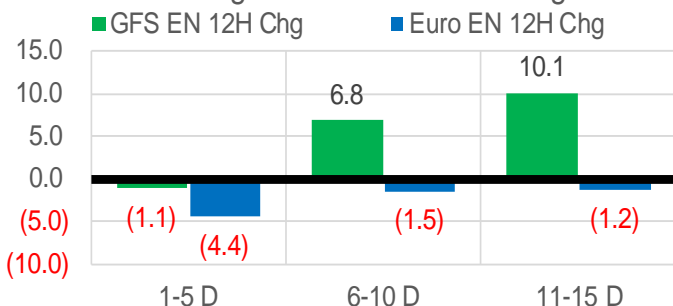
	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 90.70 ▲	\$ 0.74 ▲	\$ 2.6

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

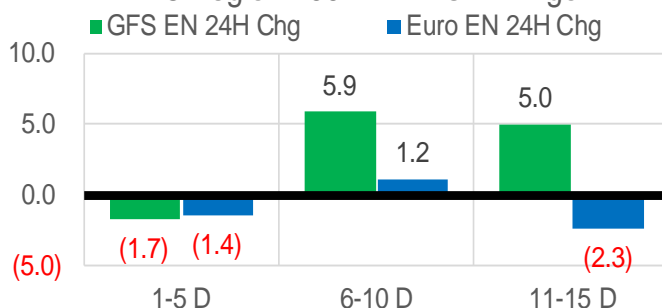
Vs. 12H Ago

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	94.4 ▼	-0.57 ▼	-0.13

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	30.5 ▼	-0.92 ▼	-1.86

	Current	Δ from YD	Δ from 7D Avg
US ResComm	50.5 ▼	-7.01 ▼	-3.55

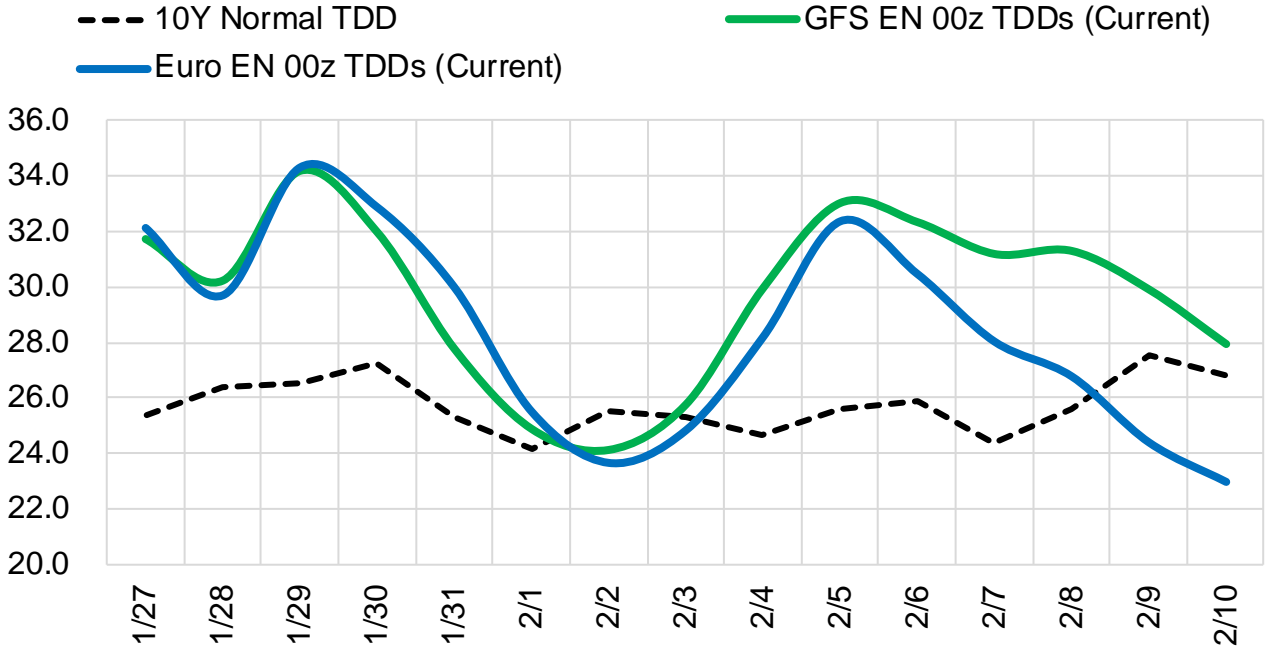
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	6.4 ▼	-0.90 ▼	-0.91

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	13.0 ▲	0.02 ▲	0.52

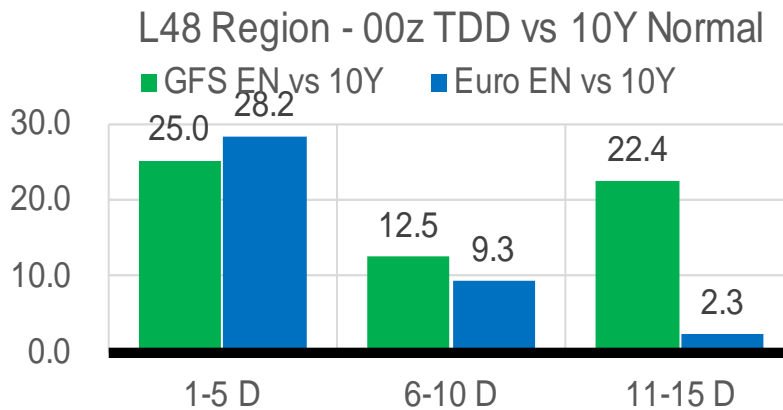
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.0 ▼	-0.62 ▼	-0.47

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	26-Jan	27-Jan	DoD	vs. 7D
Lower 48 Dry Production	93.9	94.2	94.7	94.5	95.4	95.0	94.4	▼-0.6	▼-0.2
Canadian Imports	7.9	7.1	7.0	6.8	7.3	7.3	6.4	▼-0.9	▼-0.8
L48 Power	33.5	32.0	32.0	31.5	32.1	31.4	30.5	▼-0.9	▼-1.6
L48 Residential & Commercial	59.2	53.8	51.1	49.2	52.3	57.5	50.5	▼-7.0	▼-3.3
L48 Industrial	27.0	26.2	25.4	24.8	25.1	25.4	24.5	▼-0.9	▼-1.1
L48 Lease and Plant Fuel	5.1	5.2	5.2	5.2	5.2	5.2	5.1	▼-0.1	▼0.0
L48 Pipeline Distribution	4.5	4.2	4.0	3.9	4.1	4.3	3.9	▼-0.4	▼-0.2
L48 Regional Gas Consumption	129.2	121.3	117.7	114.7	118.8	123.8	114.6	▼-9.2	▼-6.3
Net LNG Delivered	12.54	13.07	11.25	12.06	12.83	13.05	12.99	▼-0.1	▲0.5
Total Mexican Exports	6.7	6.1	6.1	6.5	6.6	6.6	6.0	▼-0.6	▼-0.4
Implied Daily Storage Activity	-46.6	-39.2	-33.5	-31.9	-35.6	-41.2	-32.8		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	17-Dec	24-Dec	31-Dec	7-Jan	14-Jan	21-Jan	WoW	vs. 4W
Lower 48 Dry Production	96.4	96.7	98.6	95.3	95.3	95.0	▼-0.3	▼-1.4
Canadian Imports	4.6	5.0	4.2	5.7	6.5	7.0	▲0.5	▲1.7
L48 Power	28.4	29.9	26.4	29.9	30.4	30.3	▼-0.1	▲1.1
L48 Residential & Commercial	31.4	40.3	33.4	44.3	47.5	48.3	▲0.8	▲6.9
L48 Industrial	23.7	24.0	22.2	26.0	25.8	26.9	▲1.2	▲2.4
L48 Lease and Plant Fuel	5.2	5.2	5.4	5.2	5.2	5.2	▼0.0	▼-0.1
L48 Pipeline Distribution	3.0	3.5	3.0	3.6	3.8	3.8	▲0.0	▲0.3
L48 Regional Gas Consumption	91.7	103.0	90.3	109.0	112.7	114.5	▲1.8	▲10.7
Net LNG Exports	11.9	12.7	12.3	11.9	12.3	12.9	▲0.6	▲0.6
Total Mexican Exports	6.2	6.1	5.8	5.9	6.3	6.4	▲0.1	▲0.4
Implied Daily Storage Activity	-8.8	-20.0	-5.6	-25.9	-29.5	-31.8	-2.3	
EIA Reported Daily Storage Activity	-7.9	-19.4	-4.4	-25.6	-29.4			
Daily Model Error	-1.0	-0.6	-1.1	-0.3	-0.1			

Monthly Balances

	2Yr Ago Jan-20	LY Jan-21	Sep-21	Oct-21	Nov-21	Dec-21	MTD Jan-22	MoM	vs. LY
Lower 48 Dry Production	94.6	91.4	93.4	94.3	95.9	97.0	95.0	▼-2.1	▲3.5
Canadian Imports	4.8	6.3	5.1	5.4	5.3	4.8	6.7	▲1.9	▲0.4
L48 Power	29.9	28.3	33.1	30.5	28.8	28.4	30.8	▲2.4	▲2.5
L48 Residential & Commercial	41.7	44.0	8.8	12.5	29.4	34.5	49.0	▲14.5	▲5.0
L48 Industrial	24.5	23.8	20.2	21.0	22.4	23.3	26.2	▲2.9	▲2.4
L48 Lease and Plant Fuel	5.1	5.0	5.1	5.2	5.2	5.3	5.2	▼-0.1	▲0.2
L48 Pipeline Distribution	3.6	3.5	2.3	2.4	3.1	3.1	3.9	▲0.7	▲0.4
L48 Regional Gas Consumption	104.8	104.6	69.4	71.5	88.9	94.5	115.0	▲20.5	▲10.5
Net LNG Exports	8.4	10.5	10.3	10.6	11.4	12.1	12.4	▲0.3	▲1.9
Total Mexican Exports	5.1	6.2	6.7	6.6	6.1	6.1	6.3	▲0.2	▲0.2
Implied Daily Storage Activity	-18.9	-23.5	12.1	11.0	-5.2	-11.0	-32.1		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	19-Jan	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	DoD	vs. 7D
NRC Nuclear Daily Output	89.4	90.2	91.0	90.7	89.8	89.7	88.5	-1.2	-1.6
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	15.5	14.7	13.9	14.1	15.1	15.2	16.4	1.2	1.6
NRC % Nuclear Cap Utilization	90.9	91.7	92.5	92.3	91.3	91.2	90.0	-1.3	-1.7

Wind Generation Daily Average - MWh (EIA)

	19-Jan	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	DoD	vs. 7D
CALI Wind	1056	632	3172	2418	829	1298	1612	313	44
TEXAS Wind	18934	16289	7943	4930	4864	6789	11708	4919	1750
US Wind	72157	45852	49458	43233	38676	49238	41872	-7367	-7897

Generation Daily Average - MWh (EIA)

	19-Jan	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	DoD	vs. 7D
US Wind	72157	45852	49458	43233	38676	49238	41872	-7367	-7897
US Solar	9117	7778	8713	7902	10750	11061	9342	-1719	122
US Petroleum	4024	5250	7131	6629	5699	5700	5892	192	153
US Other	7791	8928	9426	8895	9222	9614	9470	-144	491
US Coal	111826	128808	137062	131073	126042	122247	128040	5794	1864
US Nuke	94356	95250	96028	95680	94819	94190	93631	-559	-1423
US Hydro	35043	34034	35087	35056	32952	34286	32494	-1793	-1916
US Gas	142013	178641	196319	182454	166416	168588	169353	765	-3053

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	17-Dec	24-Dec	31-Dec	7-Jan	14-Jan	21-Jan	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	90.0	92.1	92.1	91.3	90.6	89.7	-0.9	0.2
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	14.9	12.8	12.8	13.6	14.3	15.1	0.9	
NRC % Nuclear Cap Utilization	0.1	0.1	0.1	0.1	0.1	0.1	0.0	

Wind Generation Weekly Average - MWh (EIA)

	17-Dec	24-Dec	31-Dec	7-Jan	14-Jan	21-Jan	WoW	WoW Bcf/d Impact
CALI Wind	1709	943	2591	1603	1266	1273	8	0.0
TEXAS Wind	16176	11007	13891	13603	10192	15630	5438	-1.0
US Wind	68412	48727	53100	57136	50736	55682	4946	-0.9
					-6400.0			
					-11%			

Generation Weekly Average - MWh (EIA)

	17-Dec	24-Dec	31-Dec	7-Jan	14-Jan	21-Jan	WoW	WoW Bcf/d Impact
US Wind	68412	48727	53100	57136	50736	55682	4946	-0.9
US Solar	7570	7098	6957	8464	9382	8373	-1009	0.2
US Petroleum	2700	3581	3084	3038	4915	5255	340	-0.1
US Other	8301	8532	7584	8301	8319	7992	-326	0.1
US Coal	76931	87380	80022	94994	115155	117852	2697	-0.5
US Nuke	95054	97422	97083	96342	95714	94644	-1070	0.2
US Hydro	30257	32560	31279	34583	34191	34393	203	0.0
US Gas	148807	166457	136071	154295	161867	156254	-5613	

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	Oct-21	Nov-21	Dec-21	Jan-22				
	NRC Nuclear Daily Output	94.6	91.4	75.5	82.7	90.3	90.3			
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	10.3	13.5	29.4	22.2	14.6	14.6	14.5	0.0	1.0	
NRC % Nuclear Cap Utilization	96.2	92.9	76.8	84.1	91.8	91.8	91.9	0.0	-1.0	

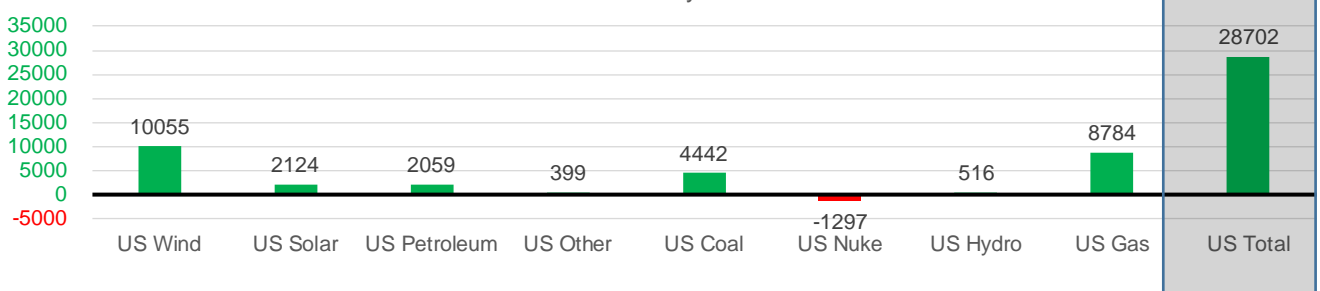
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD			Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Oct-21	Nov-21	Dec-21	Jan-22				
	CALI Wind	1450	1224	1765	1252	1585	1429			
TEXAS Wind	10163	10466	11565	11869	12927	11917	11830	-1010	1364	
US Wind	38008	40633	43141	49974	54821	51726	50688	-3095	10055	

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	Oct-21	Nov-21	Dec-21	Jan-22				
	US Wind	38008	40633	43141	49974	54821	51726			
US Solar	5199	6626	11059	9690	7376	9045	8751	▼-294.7	▲2124	
US Petroleum	3719	2705	3239	3045	3134	4927	4763	▼-164	▲2059	
US Other	9006	8039	11110	8435	8214	8525	8438	▼-87	▲399	
US Coal	80534	108143	84432	80848	81683	115374	112586	▼-2788	▲4442	
US Nuke	96094	96694	77089	87404	95408	95263	95397	▲134	▼-1297	
US Hydro	32343	33675	24078	26593	30805	34200	34192	▼-8	▲516	
US Gas	149949	152748	159049	151462	152503	162855	161532	▼-4246	▲8784	
US Total	432785	447790	413352	417925	434203	482051	476492	▼-7454	▲28702	

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Regional S/D Models Storage Projection

Week Ending 21-Jan

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-32.0	0.6	-31.4	-220
East	-10.8	2.7	-8.0	-56
Midwest	-9.7	-0.4	-10.1	-70
Mountain	2.0	-3.0	-1.0	-7
South Central	-13.8	1.8	-12.0	-84
Pacific	0.3	-0.5	-0.3	-2

*Adjustment Factor is calculated based on historical regional deltas

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

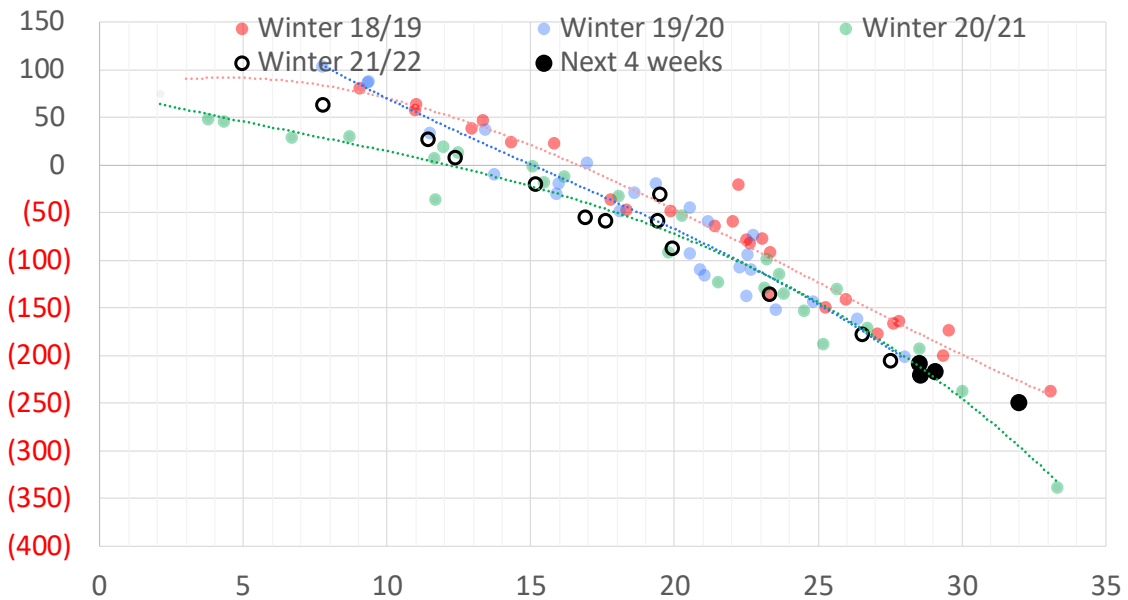


Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
21-Jan	29	-220
28-Jan	32	-249
04-Feb	28	-208
11-Feb	29	-216

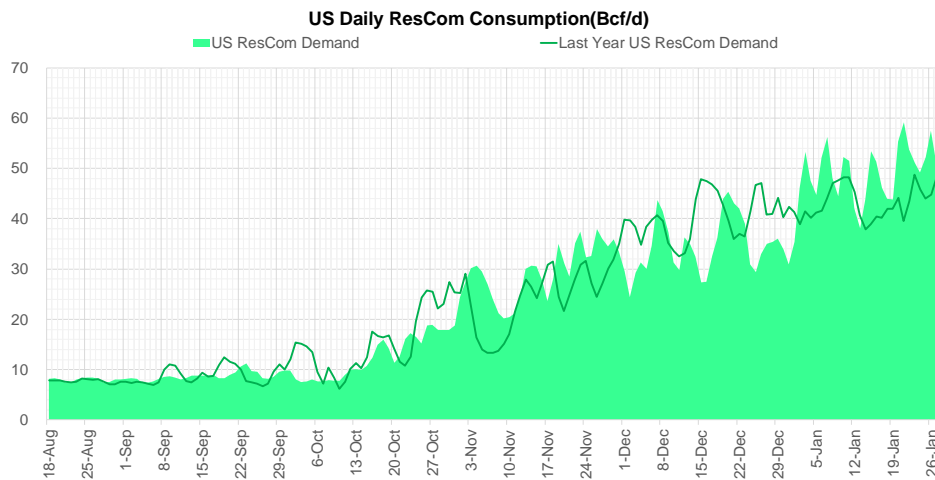
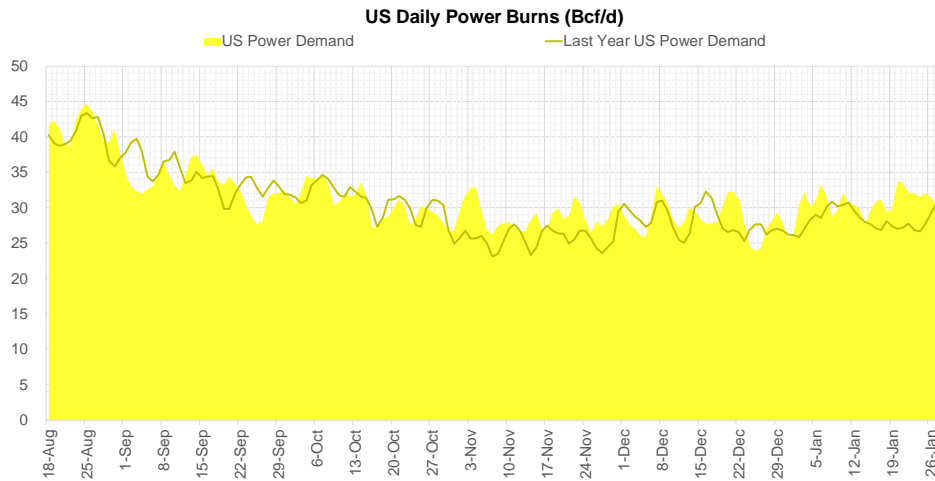
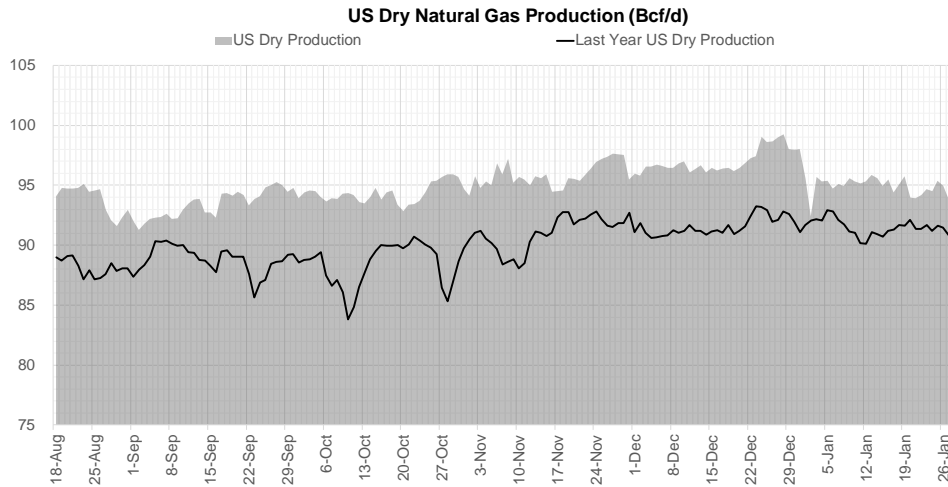
Weather Storage Model - Next 4 Week Forecast



Go to larger image



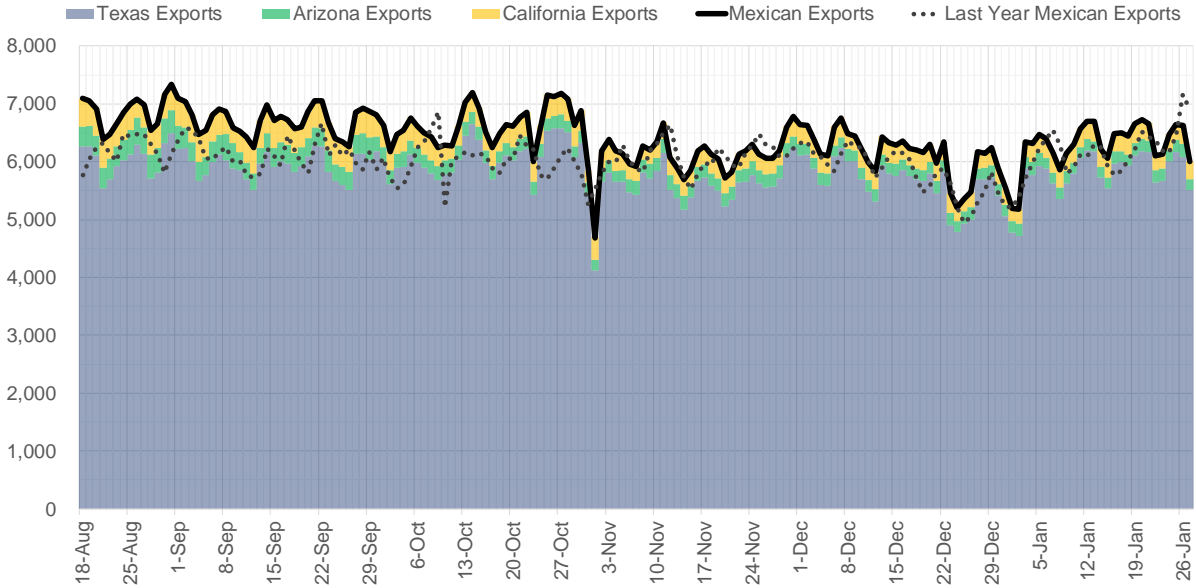
Supply – Demand Trends



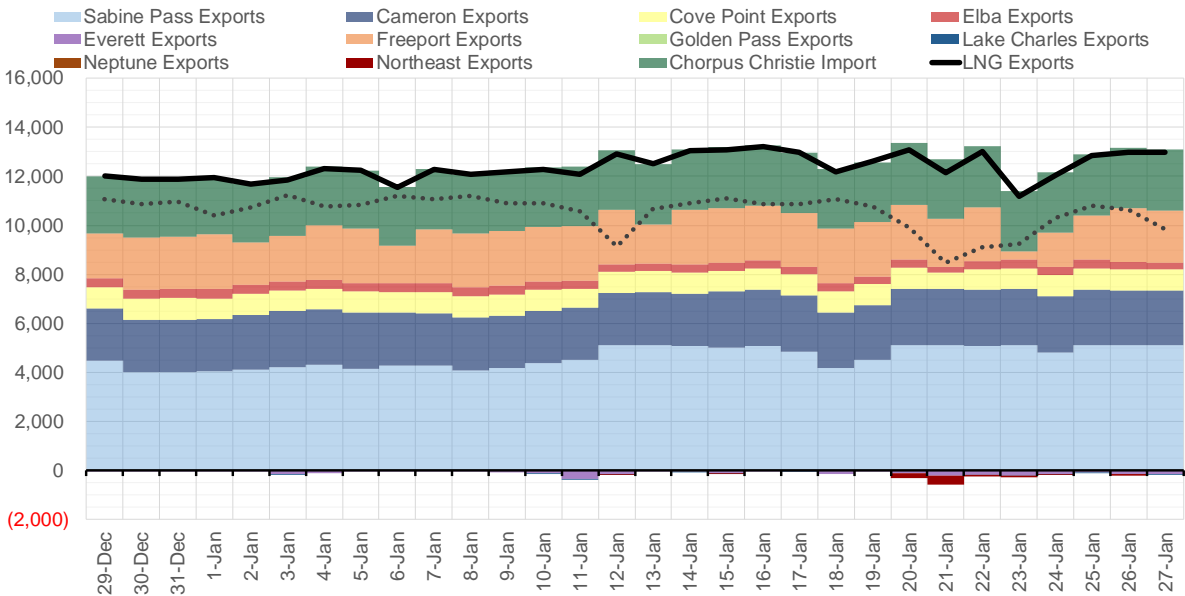
Source: Bloomberg

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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

ICE Data not
updated today

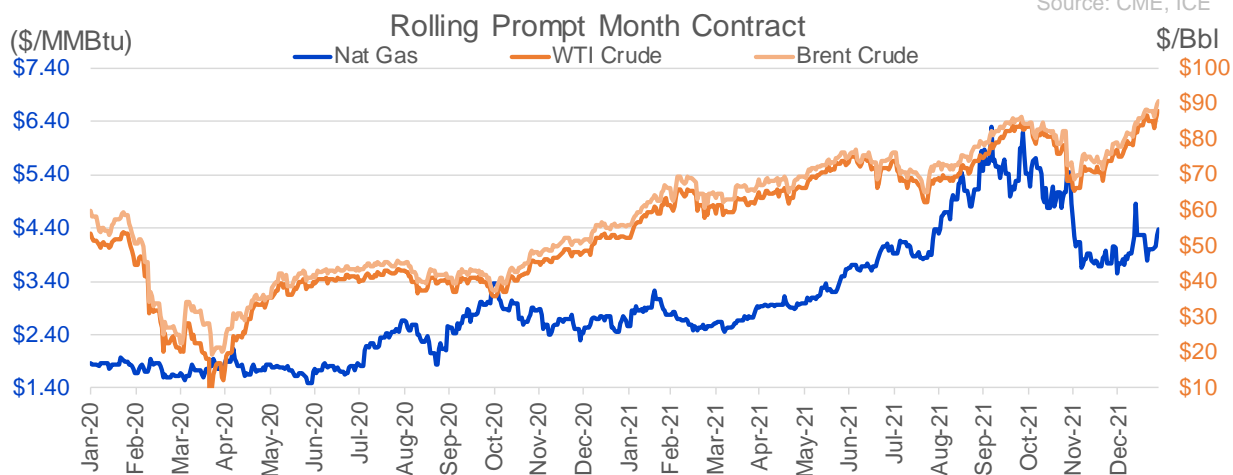
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
3	2022	P	3.00	9740	3	2022	P	3.00	42660
3	2022	P	3.25	6476	3	2022	C	5.00	37425
2	2022	C	4.50	5860	3	2022	C	10.00	35056
3	2022	P	3.50	4871	3	2022	C	8.00	32022
3	2022	C	4.50	4195	2	2022	C	4.00	28281
1	2023	C	4.50	4000	3	2022	P	3.50	25968
5	2022	C	5.00	3682	3	2022	P	4.00	25001
3	2022	C	5.00	3631	3	2022	C	4.00	24991
4	2022	C	4.00	3130	3	2022	P	2.50	24278
6	2022	C	6.00	3025	2	2022	P	3.50	23601
2	2022	C	4.25	2833	2	2022	C	5.00	23574
3	2022	P	3.75	2816	10	2022	C	6.00	22880
3	2022	P	4.00	2708	3	2022	C	6.00	22054
4	2022	C	5.00	2411	3	2022	P	3.75	20691
5	2022	C	6.00	2327	12	2022	C	5.00	19847
3	2022	C	4.25	2175	4	2022	C	3.00	19710
2	2022	C	4.30	2121	4	2022	P	3.00	19426
6	2022	C	6.50	2100	2	2022	P	4.00	18723
3	2022	C	4.00	2079	2	2022	C	6.00	18501
6	2022	C	5.00	1962	2	2022	C	4.50	18455
3	2022	C	4.75	1776	6	2022	C	5.00	18372
8	2022	C	5.00	1675	5	2022	P	3.00	18034
6	2022	C	8.00	1600	3	2022	C	4.50	17813
2	2022	P	4.20	1567	3	2022	P	3.25	17476
3	2022	C	5.50	1542	4	2022	P	2.50	17277
2	2022	C	4.00	1482	4	2022	C	5.00	16570
7	2022	C	6.00	1475	3	2022	C	7.00	16227
7	2022	C	5.00	1460	4	2022	P	3.50	15602
3	2022	C	6.00	1448	5	2022	P	3.50	15051
10	2022	C	5.00	1300	3	2022	P	2.00	14981
9	2022	C	5.00	1260	5	2022	C	5.00	14831
2	2022	P	4.25	1212	2	2022	C	8.00	14670
2	2022	P	4.10	1204	2	2022	C	7.00	14656
7	2022	P	3.25	1201	3	2022	P	2.75	14563
2	2022	C	4.10	1174	2	2022	P	3.00	14465
10	2022	P	3.25	1150	2	2022	C	10.00	14444
4	2023	P	3.25	1150	2	2022	C	4.25	14177
2	2022	C	4.35	1148	10	2022	C	5.00	14158
6	2022	P	3.75	1100	2	2022	P	3.75	14060
2	2022	C	4.75	1057	10	2022	P	2.00	13921
2	2022	C	4.40	1051	3	2022	P	2.25	13916
10	2022	C	6.00	1033	5	2022	C	3.00	13733
8	2022	C	4.60	1000	3	2022	P	5.00	13589
8	2022	C	5.25	1000	4	2022	C	6.00	13462
10	2022	P	2.80	1000	6	2022	C	3.00	13438
10	2022	P	3.40	1000	10	2022	P	3.00	13416
3	2022	C	4.35	915	3	2022	C	3.50	13349
7	2022	C	10.00	900	12	2022	C	4.50	13287
6	2022	C	4.50	856	3	2022	C	3.00	13276
					7	2022	C	3	13230

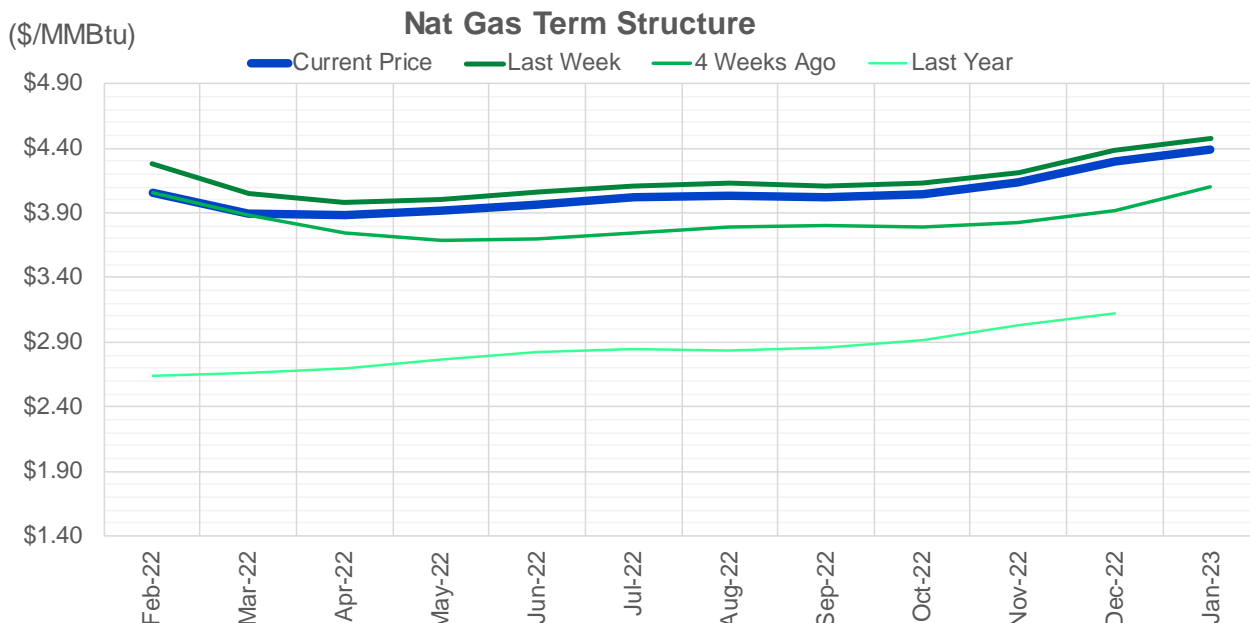
Source: CME, ICE

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
FEB 22	5105	14194	-9089	FEB 22	70858	69095	1763
MAR 22	271934	277534	-5600	MAR 22	98798	96162	2636
APR 22	83595	82372	1223	APR 22	74803	73961	841
MAY 22	121119	119128	1991	MAY 22	69694	69894	-200
JUN 22	63979	63249	730	JUN 22	63112	62317	795
JUL 22	64338	64407	-69	JUL 22	62124	61831	293
AUG 22	40315	39822	493	AUG 22	57854	57406	449
SEP 22	51017	50892	125	SEP 22	59362	58813	549
OCT 22	80268	81259	-991	OCT 22	63784	63574	210
NOV 22	35907	36115	-208	NOV 22	53535	52967	568
DEC 22	39247	38521	726	DEC 22	63603	63588	16
JAN 23	54668	55022	-354	JAN 23	52342	50584	1759
FEB 23	17885	17743	142	FEB 23	41061	40472	590
MAR 23	32809	31962	847	MAR 23	45784	45403	381
APR 23	33382	33766	-384	APR 23	46025	45913	112
MAY 23	17427	17451	-24	MAY 23	39067	38734	334
JUN 23	11451	11177	274	JUN 23	36828	36551	277
JUL 23	10528	10264	264	JUL 23	36287	36053	234
AUG 23	7139	7208	-69	AUG 23	35638	35310	329
SEP 23	10218	10062	156	SEP 23	35599	35389	210
OCT 23	14117	14287	-170	OCT 23	39834	38858	976
NOV 23	8987	8882	105	NOV 23	39443	38117	1326
DEC 23	11359	11383	-24	DEC 23	34162	33786	376
JAN 24	8640	8558	82	JAN 24	24187	24306	-119
FEB 24	1755	1720	35	FEB 24	18125	17942	183
MAR 24	11503	11460	43	MAR 24	23921	23711	209
APR 24	5464	5434	30	APR 24	17248	16950	298
MAY 24	2111	2077	34	MAY 24	17139	17116	22
JUN 24	961	924	37	JUN 24	17249	17157	92
JUL 24	602	565	37	JUL 24	17801	17787	14





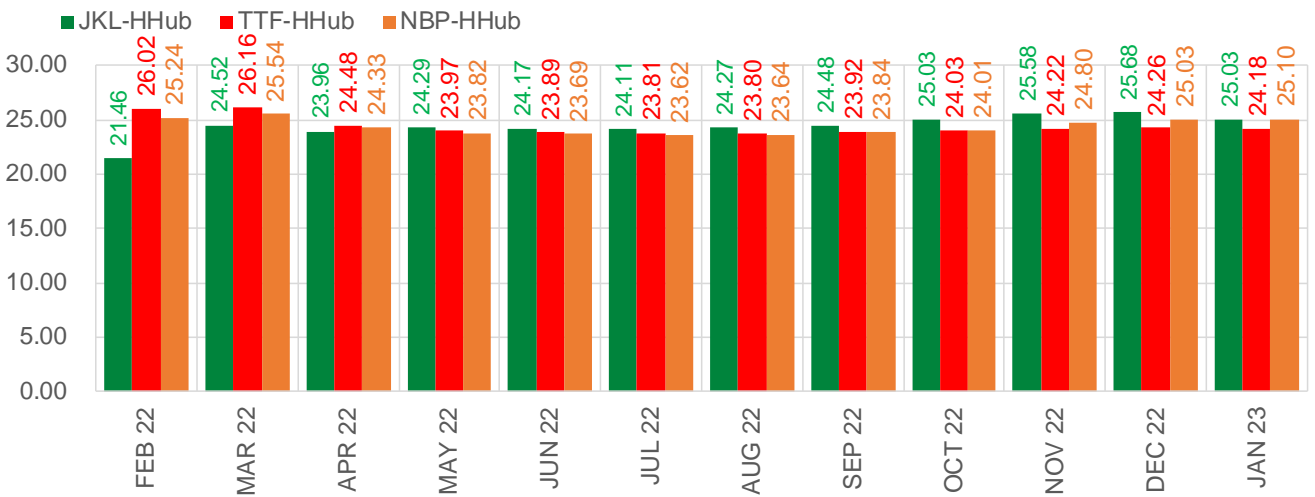
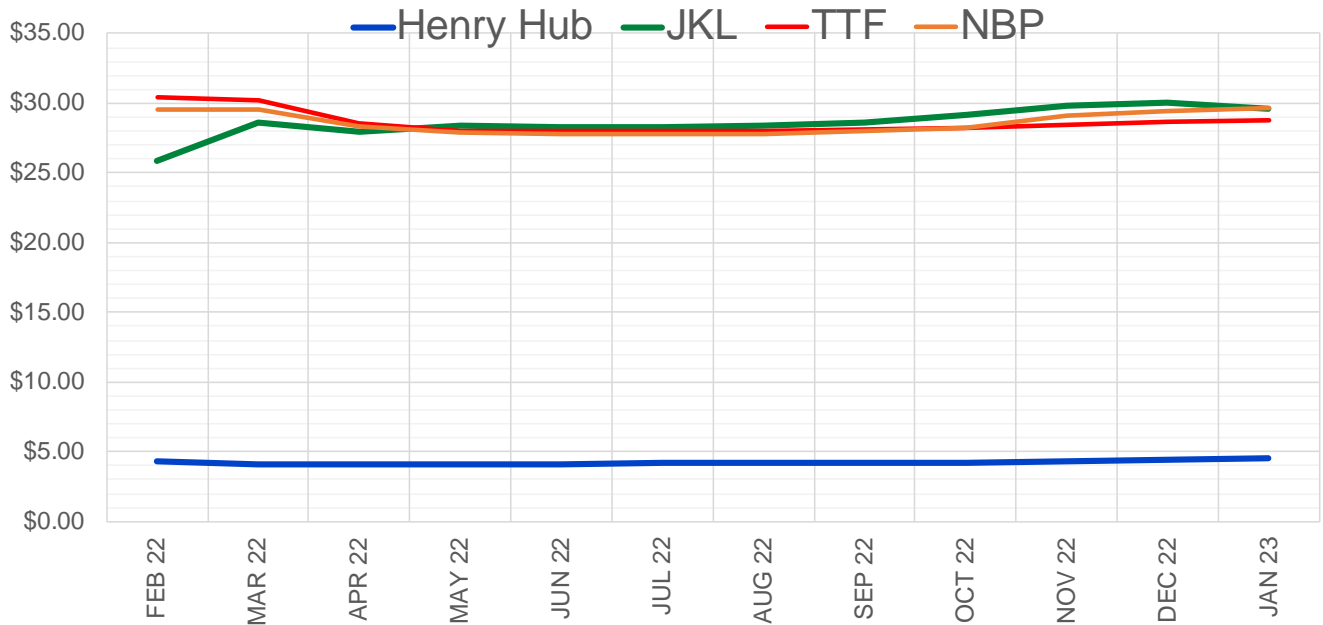
	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23
Current Price	\$4.053	\$3.894	\$3.883	\$3.920	\$3.970	\$4.027	\$4.039	\$4.021	\$4.044	\$4.135	\$4.303	\$4.396
Last Week	\$4.283	\$4.048	\$3.983	\$4.008	\$4.057	\$4.113	\$4.128	\$4.110	\$4.132	\$4.218	\$4.386	\$4.481
vs. Last Week	-\$0.230	-\$0.154	-\$0.100	-\$0.088	-\$0.087	-\$0.086	-\$0.089	-\$0.089	-\$0.088	-\$0.083	-\$0.083	-\$0.085
4 Weeks Ago	\$4.055	\$3.885	\$3.742	\$3.682	\$3.702	\$3.746	\$3.796	\$3.807	\$3.794	\$3.824	\$3.921	\$4.099
vs. 4 Weeks Ago	-\$0.002	\$0.009	\$0.141	\$0.238	\$0.268	\$0.281	\$0.243	\$0.214	\$0.250	\$0.311	\$0.382	\$0.297
Last Year	\$2.656	\$2.636	\$2.663	\$2.700	\$2.760	\$2.828	\$2.850	\$2.839	\$2.858	\$2.911	\$3.033	\$3.123
vs. Last Year	\$1.397	\$1.258	\$1.220	\$1.220	\$1.210	\$1.199	\$1.189	\$1.182	\$1.186	\$1.224	\$1.270	\$1.273

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	15.00	17.07	2.07
TETCO M3	\$/MMBtu	10.09	7.53	-2.56
FGT Zone 3	\$/MMBtu	11.79	4.21	-7.58
Zone 6 NY	\$/MMBtu	11.79	9.31	-2.49
Chicago Citygate	\$/MMBtu	4.24	4.92	0.68
Michcon	\$/MMBtu	4.20	3.94	-0.26
Columbia TCO Pool	\$/MMBtu	3.93	3.58	-0.35
Ventura	\$/MMBtu	4.25	6.69	2.44
Rockies/Opal	\$/MMBtu	4.69	4.93	0.24
El Paso Permian Basin	\$/MMBtu	4.00	4.20	0.20
Socal Citygate	\$/MMBtu	5.10	5.53	0.43
Malin	\$/MMBtu	4.44	5.08	0.64
Houston Ship Channel	\$/MMBtu	4.23	4.18	-0.05
Henry Hub Cash	\$/MMBtu	4.45	3.98	-0.47
AECO Cash	C\$/GJ	3.39	3.46	0.07
Station2 Cash	C\$/GJ	3.35	5.39	2.04
Dawn Cash	C\$/GJ	4.26	4.17	-0.09

Source: CME, Bloomberg

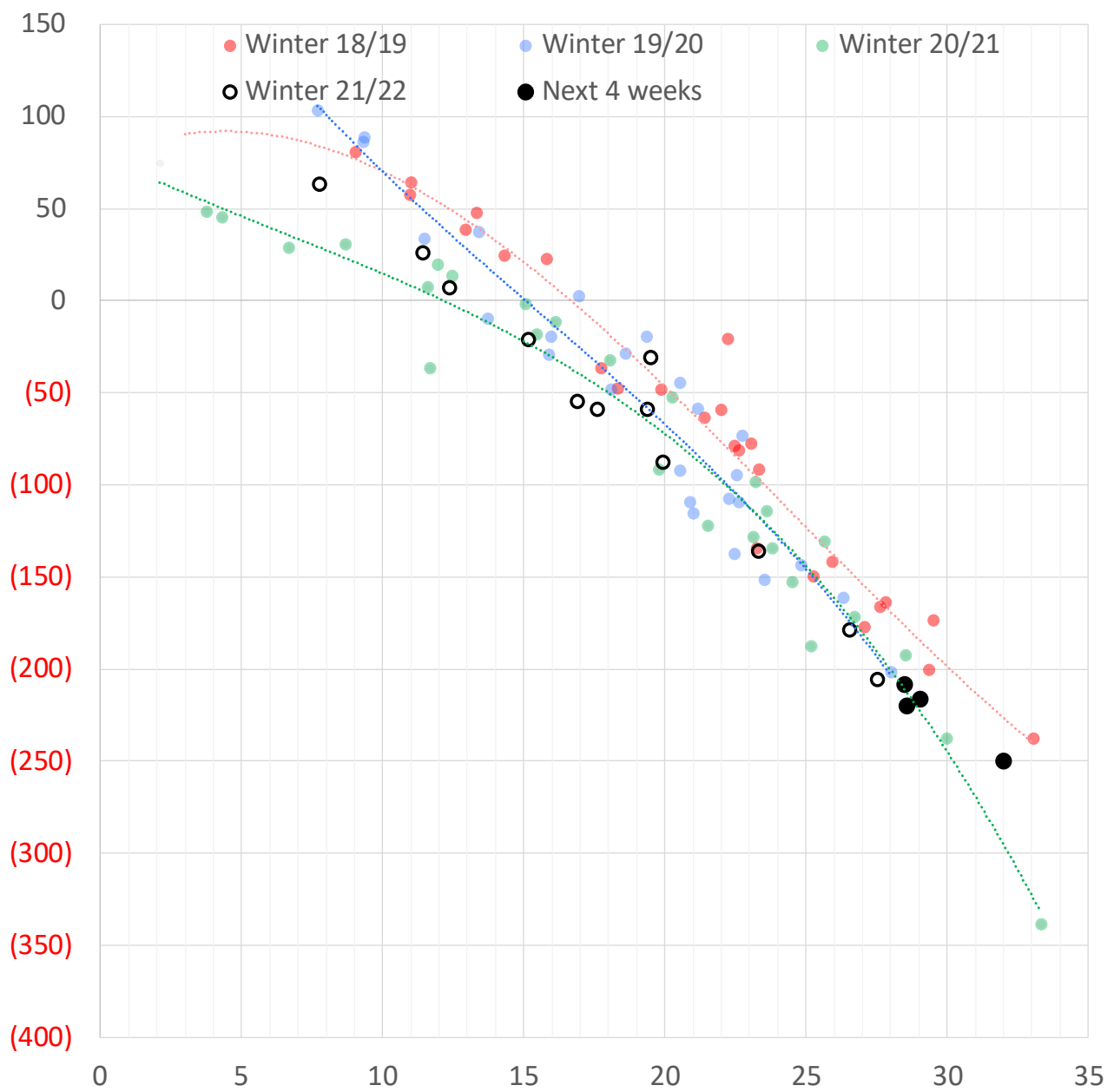
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.199
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.310
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.071
NatGas Apr22/Oct22	\$/MMBtu	0.147	▼ -0.031	▼ -0.009	▲ 0.120
WTI Crude	\$/Bbl	87.35	▲ 0.390	▲ 10.790	▲ 34.500
Brent Crude	\$/Bbl	89.96	▲ 1.520	▲ 10.730	▲ 34.150
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	274.40	▲ 5.170	▲ 36.620	▲ 113.510
Propane, Mt. Bel	cents/Gallon	1.16	▲ 0.007	▲ 0.120	▲ 0.283
Ethane, Mt. Bel	cents/Gallon	0.37	▲ 0.001	▲ 0.035	▲ 0.136
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)



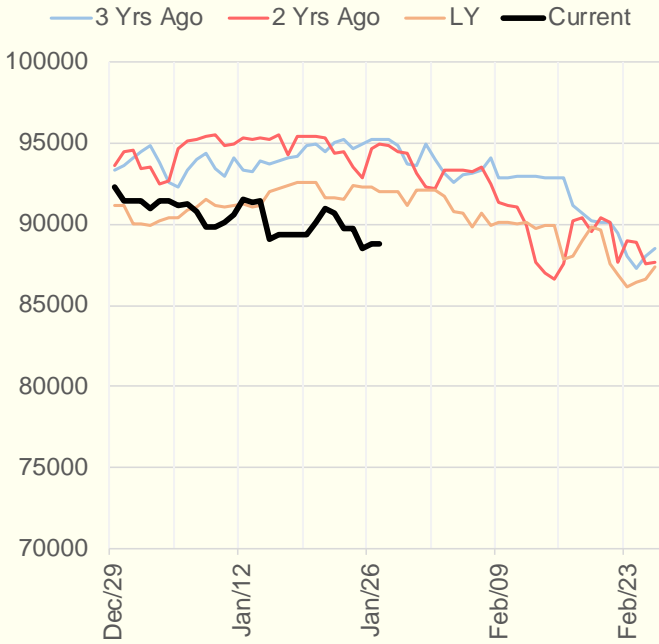
	FEB 22	MAR 22	APR 22	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23
Henry Hub	\$4.366	\$4.067	\$4.041	\$4.072	\$4.118	\$4.169	\$4.179	\$4.156	\$4.182	\$4.261	\$4.422	\$4.555
JKL	\$25.825	\$28.590	\$28.000	\$28.360	\$28.285	\$28.280	\$28.445	\$28.640	\$29.210	\$29.840	\$30.100	\$29.585
JKL-HHub	\$21.459	\$24.523	\$23.959	\$24.288	\$24.167	\$24.111	\$24.266	\$24.484	\$25.028	\$25.579	\$25.678	\$25.030
TTF	\$30.384	\$30.231	\$28.517	\$28.040	\$28.008	\$27.980	\$27.983	\$28.075	\$28.215	\$28.483	\$28.682	\$28.739
TTF-HHub	\$26.018	\$26.164	\$24.476	\$23.968	\$23.890	\$23.811	\$23.804	\$23.919	\$24.033	\$24.222	\$24.260	\$24.184
NBP	\$29.605	\$29.606	\$28.372	\$27.893	\$27.807	\$27.787	\$27.817	\$27.992	\$28.190	\$29.063	\$29.451	\$29.654
NBP-HHub	\$25.239	\$25.539	\$24.331	\$23.821	\$23.689	\$23.618	\$23.638	\$23.836	\$24.008	\$24.802	\$25.029	\$25.099

Weather Storage Model - Next 4 Week Forecast

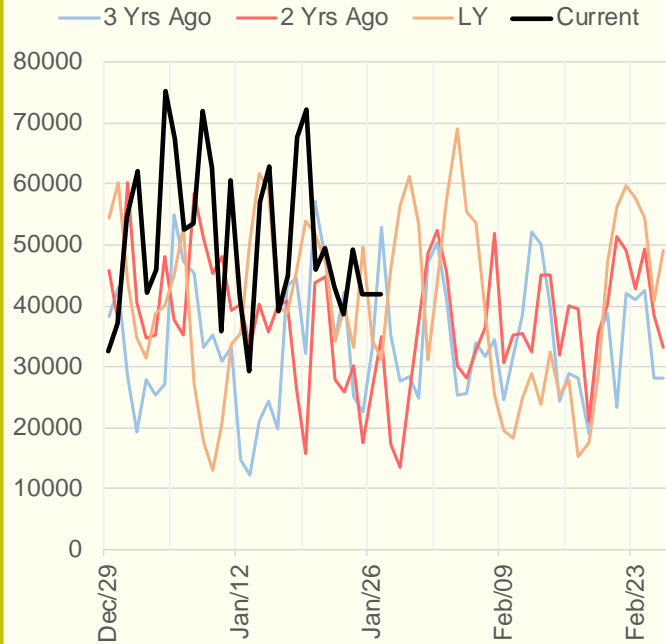


The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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

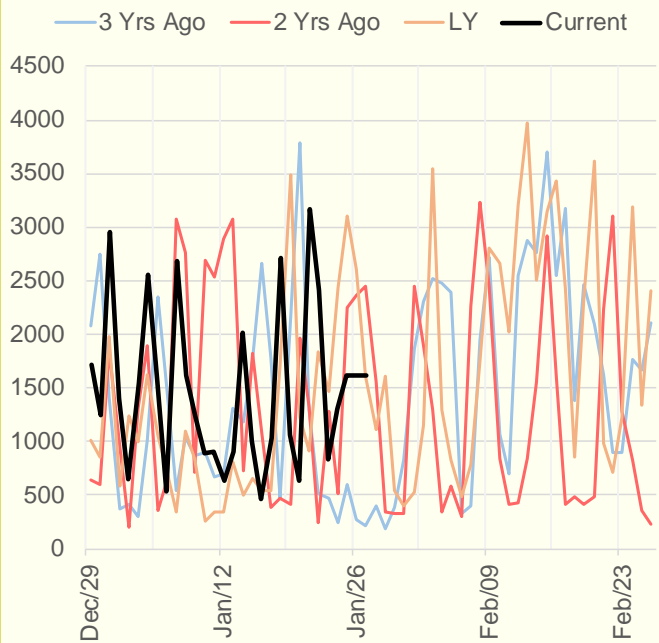
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

