

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 5.46 ▲	\$ 0.05 ▲	\$ 0.41

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 110.09 ▼	\$ (2.25) ▲	\$ 0.8

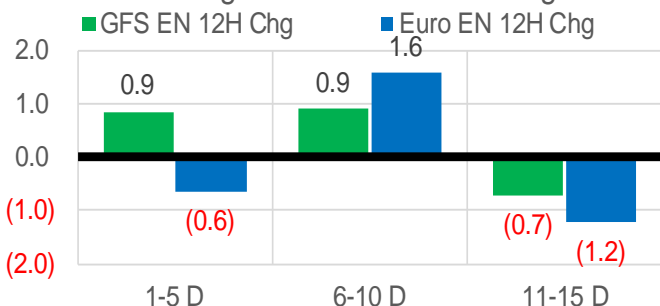
	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 116.73 ▼	\$ (2.30) ▲	\$ 3.1

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](#)

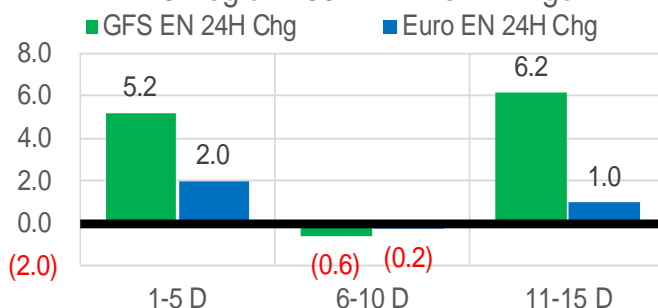
Vs. 12H Ago

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	95.4 ▲	0.22 ▲	0.15

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	26.9 ▼	-0.23 ▲	1.32

	Current	Δ from YD	Δ from 7D Avg
US ResComm	24.7 ▼	-1.70 ▲	1.32

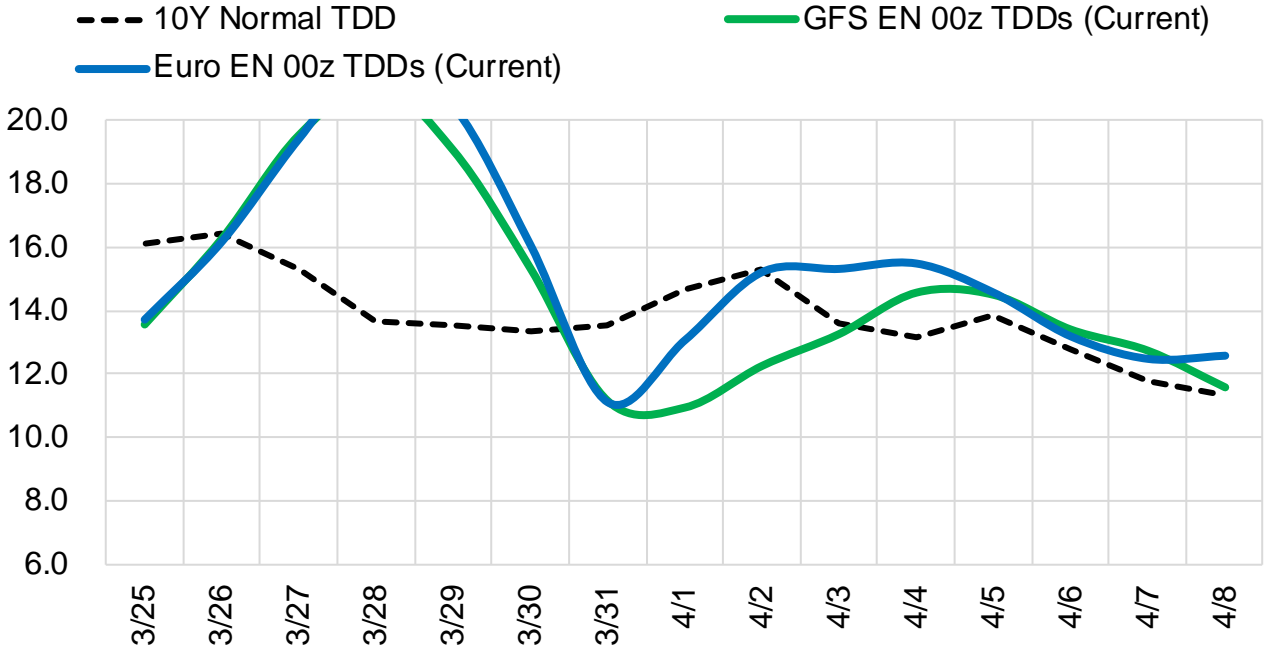
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	4.9 ▼	-0.41 ▲	0.04

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	13.4 ▼	-0.08 ▲	0.45

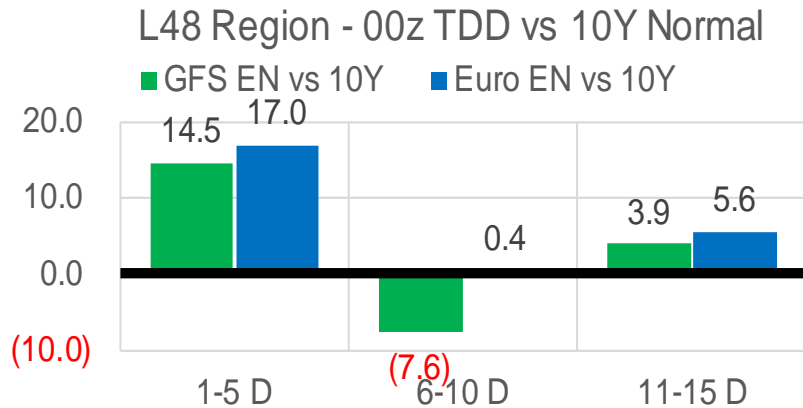
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.3 ▼	-0.27 ▼	-0.21

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	DoD	vs. 7D
Lower 48 Dry Production	95.2	95.5	96.1	95.0	95.3	95.2	95.4	▲ 0.2	▲ 0.0
Canadian Imports	4.7	4.7	4.6	4.5	5.3	5.3	4.9	▼ -0.4	▲ 0.0
L48 Power	24.9	23.6	24.8	25.8	27.6	27.1	26.9	▼ -0.2	▲ 1.2
L48 Residential & Commercial	23.1	23.5	21.4	23.4	25.1	26.4	24.7	▼ -1.7	▲ 0.9
L48 Industrial	19.9	19.7	19.6	20.2	20.6	21.2	21.5	▲ 0.3	▲ 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	2.5	2.5	2.4	2.6	2.7	2.8	2.7	▼ -0.1	▲ 0.1
L48 Regional Gas Consumption	75.6	74.5	73.3	77.1	81.2	82.7	81.0	▼ -1.7	▲ 3.6
Net LNG Delivered	13.75	13.40	12.53	12.15	13.20	13.51	13.43	▼ -0.1	▲ 0.3
Total Mexican Exports	6.4	6.1	6.3	6.8	6.7	6.6	6.3	▼ -0.3	▼ -0.2
Implied Daily Storage Activity	4.2	6.2	8.6	3.5	-0.5	-2.3	-0.4		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	18-Feb	25-Feb	4-Mar	11-Mar	18-Mar	25-Mar	WoW	vs. 4W
Lower 48 Dry Production	95.8	94.4	94.4	95.0	94.0	95.3	▲ 1.2	▲ 0.8
Canadian Imports	6.2	6.4	5.9	5.2	5.2	4.8	▼ -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	23.4	▼ -8.1	▼ -12.8
L48 Industrial	26.1	26.2	23.1	22.6	20.6	21.2	▲ 0.6	▼ -1.9
L48 Lease and Plant Fuel	5.2	5.1	5.1	5.2	5.1	5.2	▲ 0.1	▲ 0.0
L48 Pipeline Distribution	3.2	3.2	3.3	3.2	3.1	2.6	▼ -0.5	▼ -0.6
L48 Regional Gas Consumption	101.6	103.2	99.0	91.9	87.8	77.9	▼ -9.9	▼ -17.6
Net LNG Exports	13.0	11.7	12.5	12.8	12.9	13.0	▲ 0.1	▲ 0.5
Total Mexican Exports	6.1	6.1	6.4	6.6	6.6	6.5	▼ -0.1	▲ 0.1
Implied Daily Storage Activity	-18.6	-20.2	-17.6	-11.1	-7.9	2.7	10.6	
EIA Reported Daily Storage Activity	-18.4	-19.9	-17.7	-11.3	-7.3			
Daily Model Error	-0.2	-0.4	0.1	0.2	-0.6			

Monthly Balances

	2Yr Ago Mar-20	LY Mar-21	Nov-21	Dec-21	Jan-22	Feb-22	MTD Mar-22	MoM	vs. LY
Lower 48 Dry Production	94.2	91.3	95.7	96.2	94.5	93.7	94.8	▲ 1.1	▲ 3.5
Canadian Imports	4.1	4.8	5.3	4.8	6.7	6.6	5.1	▼ -1.5	▲ 0.4
L48 Power	28.3	24.5	29.2	28.5	30.7	28.2	27.0	▼ -1.2	▲ 2.5
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	21.1	▼ -4.4	▲ 1.9
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
L48 Regional Gas Consumption	86.2	80.4	88.8	93.7	115.2	105.3	85.8	▼ -19.4	▲ 5.4
Net LNG Exports	8.5	11.1	11.4	12.1	12.4	12.4	12.8	▲ 0.4	▲ 1.7
Total Mexican Exports	5.4	6.5	6.1	6.2	6.3	6.2	6.5	▲ 0.4	▲ 0.1
Implied Daily Storage Activity	-1.9	-2.0	-5.3	-11.0	-32.6	-23.5	-5.3		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	DoD	vs. 7D
NRC Nuclear Daily Output	80.9	80.3	81.2	80.7	80.9	81.1	81.1	0.1	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	24.0	24.6	23.7	24.1	23.9	23.8	23.8	-0.1	-0.3
NRC % Nuclear Cap Utilization	82.3	81.7	82.6	82.1	82.3	82.4	82.5	0.1	0.3

Wind Generation Daily Average - MWh (EIA)

	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	DoD	vs. 7D
CALI Wind	2133	1205	2389	4439	2310	1350	1248	-102	-1056
TEXAS Wind	21634	13520	9277	21826	20711	21413	16027	-5387	-2037
US Wind	64962	56281	42567	71136	73186	73358	70966	-2392	7384

Generation Daily Average - MWh (EIA)

	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	DoD	vs. 7D
US Wind	64962	56281	42567	71136	73186	73358	70966	-2392	7384
US Solar	12249	14530	11837	12003	14866	12892	12626	-266	-437
US Petroleum	690	894	566	689	832	950	1125	176	355
US Other	7150	6545	7467	8432	8263	6778	7327	548	-113
US Coal	74033	73254	78356	65922	67888	70833	70912	79	-802
US Nuke	84398	82584	84704	84317	82890	83996	85017	1021	1202
US Hydro	36331	34453	31637	29910	34734	34245	33951	-294	399
US Gas	122527	124405	125630	104762	117930	121008	131374	10366	11997

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	2027	-270	0.0
TEXAS Wind	16874	13068	6269	14469	17742	16972	-770	0.1
US Wind	63118	60313	36019	56828	63173	65494	2321	-0.4
							4%	
						0.0		

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	65494	2321	-0.4
US Solar	12313	11899	13919	12582	13773	13054	-719	0.1
US Petroleum	4135	2961	3130	1742	961	883	-78	0.0
US Other	9138	8211	7510	6621	7064	7448	385	-0.1
US Coal	101701	99888	103399	86717	86015	71154	-14862	2.7
US Nuke	92778	91458	90165	86462	84792	84075	-716	0.1
US Hydro	31957	33214	32196	34570	34884	33269	-1615	0.3
US Gas	137980	147276	158688	140400	137027	122355	-14672	2.6

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	83.5	83.2	90.3	90.2	87.6	81.9	82.6	-5.7	-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	21.4	21.7	14.6	14.7	17.3	23.0	22.3	5.7	0.6
NRC % Nuclear Cap Utilization	84.9	84.6	91.8	91.7	89.0	83.2	84.0	-5.8	-0.6

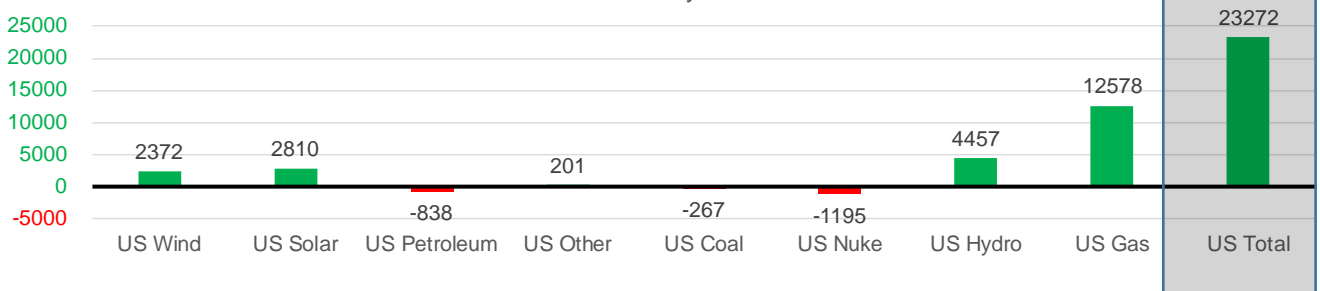
Wind Generation Monthly Average - MWh (EIA)

	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	1226	2383	1482	1244	1559	2097	1876	539	-508
TEXAS Wind	9793	13591	12927	11355	12294	15212	13571	2918	-19
US Wind	38400	52441	54708	51045	56539	59078	54813	2539	2372

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	38400	52441	54708	51045	56539	59078	54813	▼-4264.9	▲ 2372
US Solar	7332	10434	7375	9476	12088	13301	13244	▼-56.4	▲ 2810
US Petroleum	3382	2591	3135	5021	3451	1412	1754	▲ 342	▼-838
US Other	7091	7028	8222	8792	8832	7011	7228	▲ 218	▲ 201
US Coal	72343	87626	81462	117971	106588	82711	87359	▲ 4648	▼-267
US Nuke	85157	87683	95449	95259	92280	85637	86488	▲ 850	▼-1195
US Hydro	32770	29270	30824	34040	32213	34069	33727	▼-342	▲ 4457
US Gas	156038	128751	152639	164024	152058	134895	141330	▲ 1395	▲ 12578
US Total	400792	404298	433931	485812	464578	419981	427570	▲ 7054	▲ 23272

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	3.1	0.0	3.1	22
East	-2.4	2.1	-0.2	-2
Midwest	1.1	-0.4	0.7	5
Mountain	3.5	-3.7	-0.2	-2
South Central	0.4	1.9	2.3	16
Pacific	0.5	0.2	0.7	5

*Adjustment Factor is calculated based on historical regional deltas

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

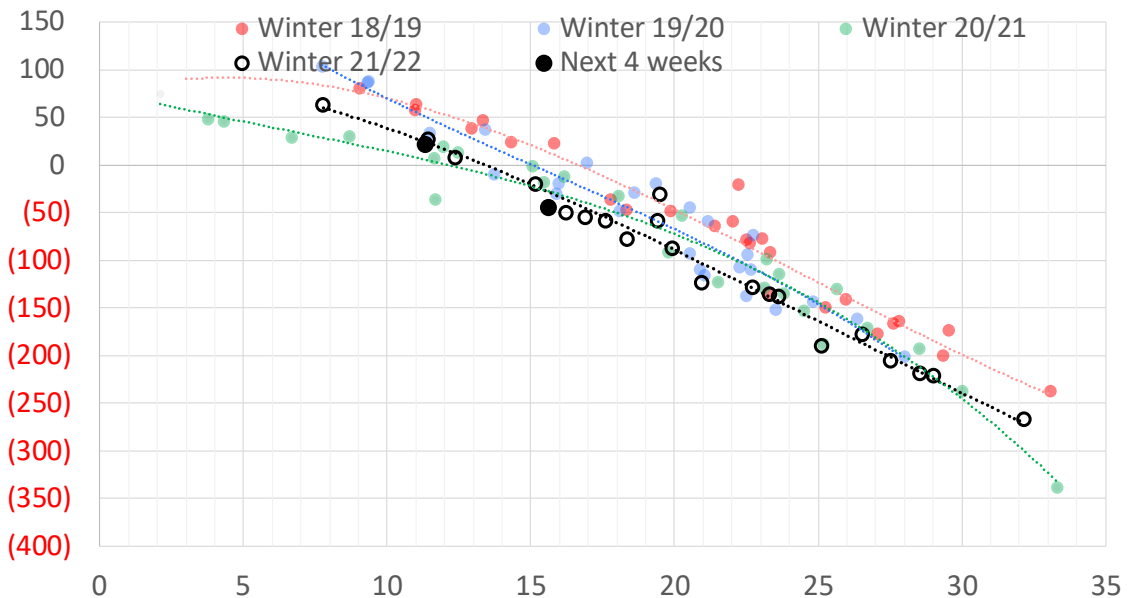


Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
25-Mar	11	22
01-Apr	16	-44
08-Apr	We will switch to the summer model next week	
15-Apr		

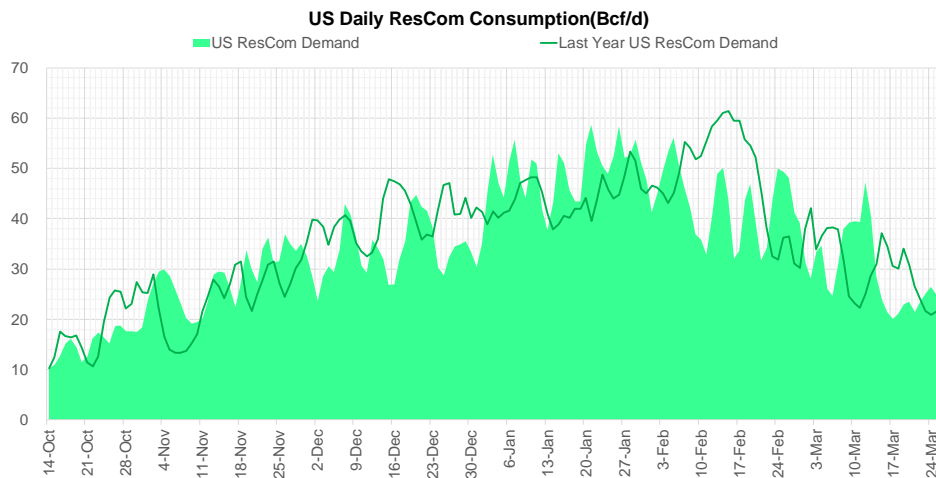
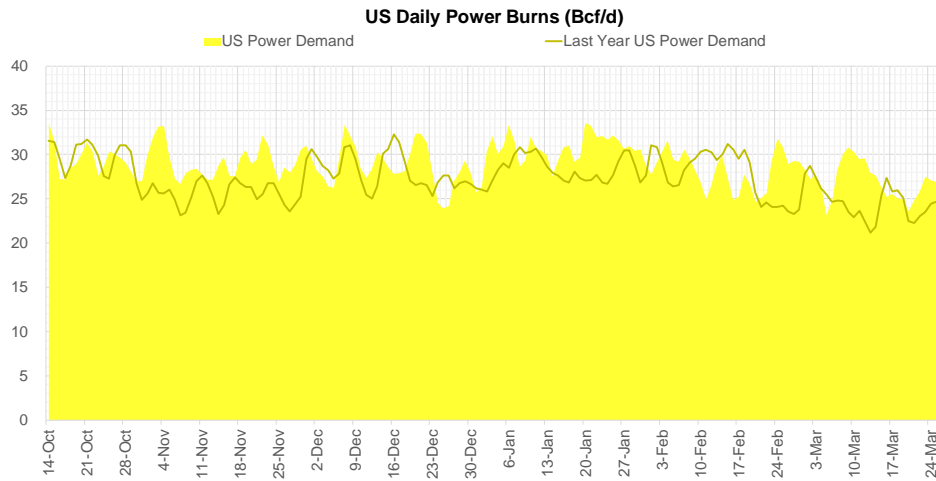
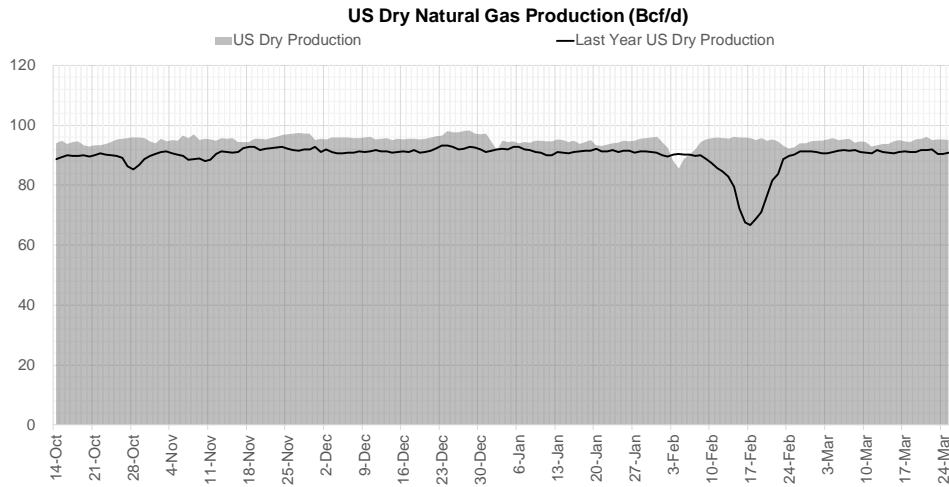
Weather Storage Model - Next 4 Week Forecast



[Go to larger image](#)



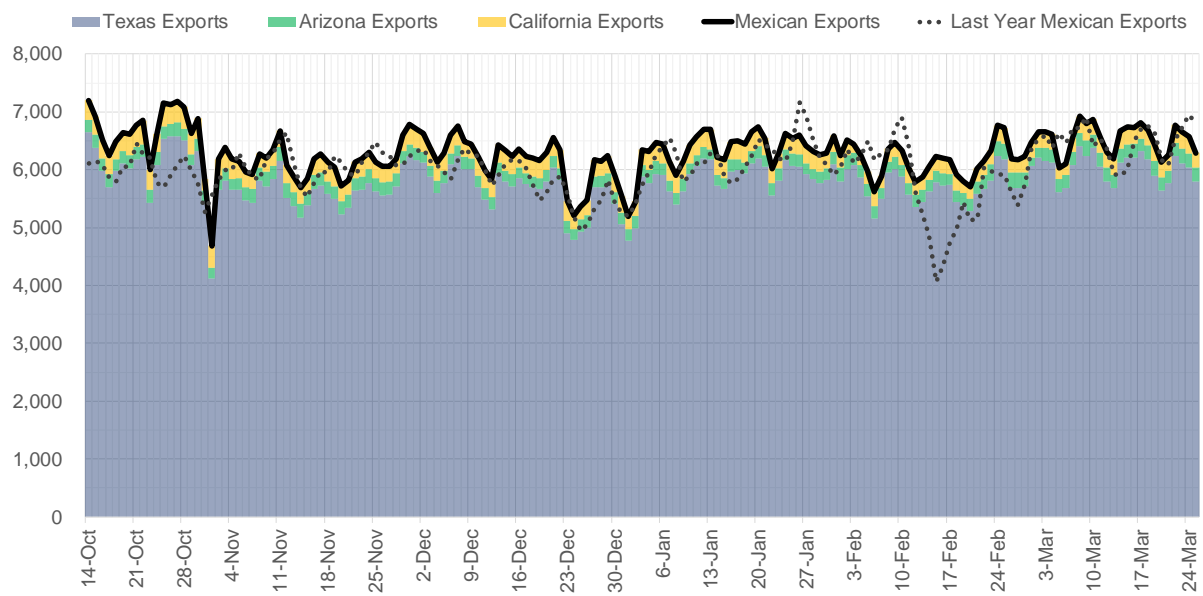
Supply – Demand Trends



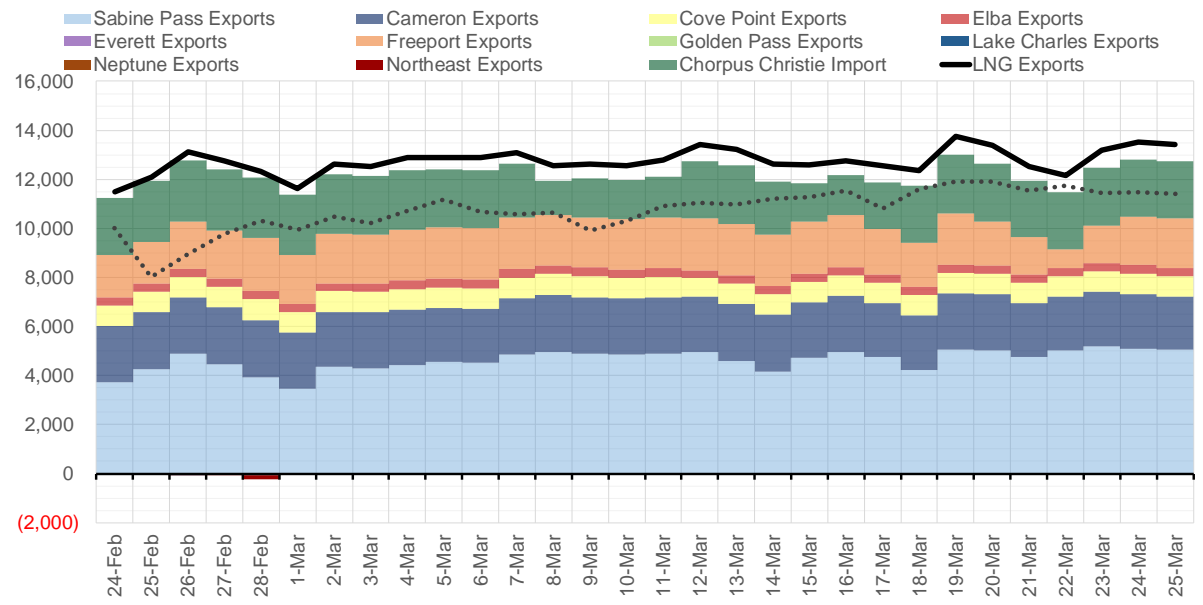
Source: Bloomberg

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Mexican Exports (MMcf/d)



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



Source: Bloomberg

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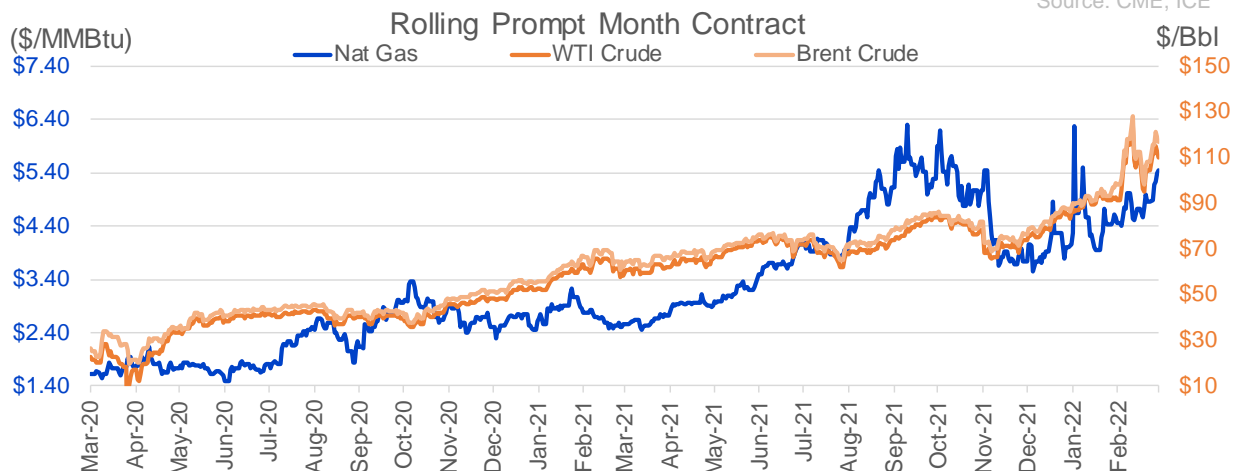
Nat Gas Options Volume and Open Interest CME and ICE Combined

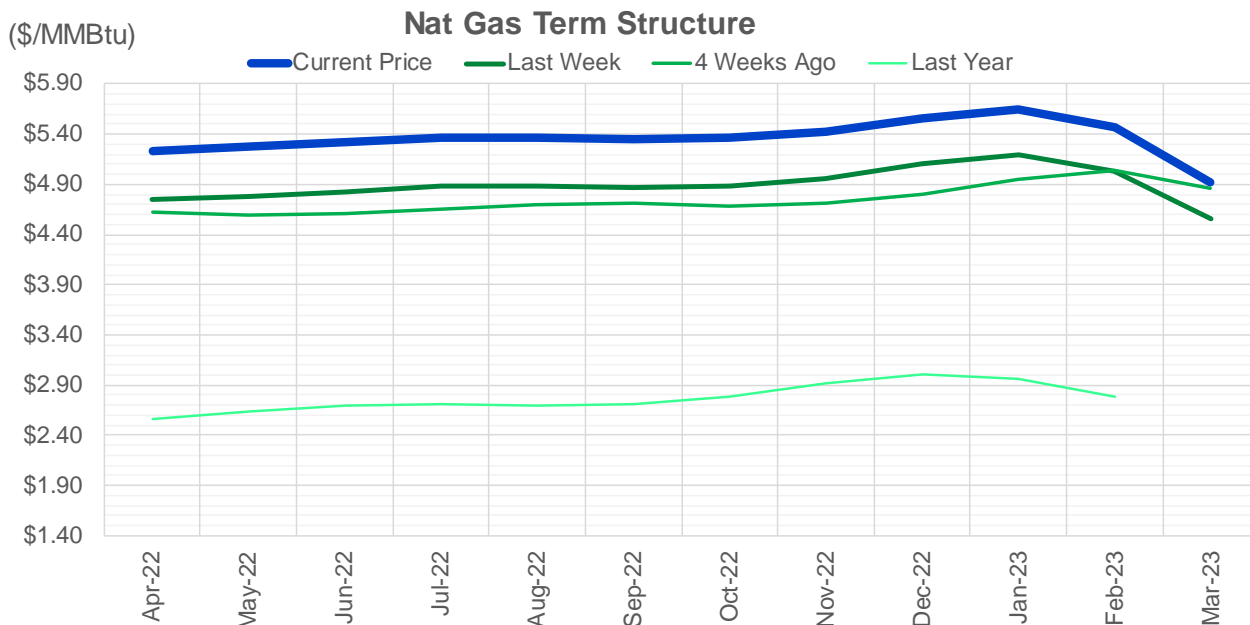
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
4	2022	C	6.00	6869	4	2022	P	3.50	34160
4	2022	C	5.50	6034	4	2022	C	4.75	30105
7	2022	C	6.00	5253	10	2022	C	6.00	29179
9	2022	C	7.00	4501	4	2022	P	3.00	28297
7	2022	C	6.50	4423	4	2022	C	5.00	27926
10	2022	P	3.00	4216	4	2022	C	6.00	26084
9	2022	C	6.00	4185	10	2022	C	5.00	26039
8	2022	C	6.00	3933	4	2022	P	4.00	24926
4	2022	C	5.75	3401	5	2022	P	4.00	24719
4	2022	P	5.00	3361	4	2022	P	3.75	23646
6	2022	C	6.00	2921	6	2022	C	6.00	23378
5	2022	P	4.25	2865	5	2022	C	6.00	23312
8	2022	C	7.00	2859	4	2022	P	4.50	23110
5	2022	C	6.00	2349	5	2022	P	3.00	22913
5	2022	P	4.50	2085	5	2022	C	5.00	22347
10	2022	P	3.50	2084	7	2022	C	6.00	21742
10	2022	C	6.00	2001	9	2022	C	6.00	21300
4	2022	C	5.25	1989	6	2022	P	4.00	21262
5	2022	P	4.00	1844	8	2022	C	6.00	20959
5	2022	P	4.90	1779	10	2022	P	3.00	20950
4	2022	P	4.75	1761	5	2022	P	2.50	19874
5	2022	P	3.50	1712	5	2022	P	3.50	19460
5	2022	P	4.75	1632	4	2022	C	5.50	19242
4	2022	C	5.00	1551	5	2022	C	7.00	17984
4	2022	P	5.10	1504	6	2022	C	5.00	17885
4	2022	P	4.90	1399	12	2022	C	5.00	17768
4	2022	P	5.25	1301	5	2022	P	2.75	17685
8	2022	C	8.00	1282	4	2022	C	4.50	17621
1	2023	C	10.00	1280	7	2022	P	3.25	17613
7	2022	P	4.00	1279	4	2022	C	3.00	17511
7	2022	C	7.50	1250	6	2022	P	3.00	17505
6	2022	P	4.75	1239	4	2022	P	2.50	17245
5	2022	C	5.50	1202	4	2022	P	4.25	17140
10	2022	C	7.00	1197	10	2022	P	2.50	16881
6	2022	C	7.00	1151	4	2022	P	3.25	15846
6	2022	P	4.00	1133	10	2022	P	4.00	15754
6	2022	C	5.50	1104	6	2022	P	3.50	15567
6	2022	C	5.75	1100	10	2022	C	7.00	15556
9	2022	P	5.00	1078	4	2022	C	8.00	15546
5	2022	P	3.75	1044	9	2022	P	2.50	15136
5	2022	P	5.25	1039	10	2022	P	3.50	15041
9	2022	C	8.00	1023	9	2022	P	2.75	14933
6	2022	C	5.90	1016	6	2022	P	3.75	14860
7	2022	C	8.00	1012	5	2022	P	3.75	14852
9	2022	P	2.50	1000	8	2022	C	7.00	14765
9	2022	P	2.75	1000	10	2022	P	2.00	14571
4	2022	P	4.85	980	8	2022	P	3.00	14497
4	2022	P	4.50	948	4	2022	C	7.00	14331
5	2022	C	5.25	902	7	2022	P	3.00	14149
					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	19344	28764	-9420	APR 22	75775	76403	-629
MAY 22	232058	229048	3010	MAY 22	84546	83541	1005
JUN 22	72216	71762	454	JUN 22	70934	71244	-310
JUL 22	93184	91543	1641	JUL 22	67543	67084	459
AUG 22	45162	43914	1248	AUG 22	60719	60682	37
SEP 22	77208	76461	747	SEP 22	64718	64840	-123
OCT 22	81314	79642	1672	OCT 22	69351	69176	176
NOV 22	42708	42996	-288	NOV 22	53694	53862	-168
DEC 22	46233	46346	-113	DEC 22	63118	63171	-52
JAN 23	63600	62379	1221	JAN 23	66073	65006	1067
FEB 23	20606	20393	213	FEB 23	46033	45669	365
MAR 23	37543	38023	-480	MAR 23	50817	50742	75
APR 23	47123	46553	570	APR 23	49851	49274	577
MAY 23	28255	27902	353	MAY 23	43959	44001	-42
JUN 23	15734	15665	69	JUN 23	41252	41005	247
JUL 23	13884	13676	208	JUL 23	40484	40257	228
AUG 23	10925	10996	-71	AUG 23	40106	39777	328
SEP 23	13910	13616	294	SEP 23	39973	39740	233
OCT 23	25673	24702	971	OCT 23	44266	44138	128
NOV 23	10509	10518	-9	NOV 23	40928	40925	3
DEC 23	14240	14219	21	DEC 23	36200	36194	6
JAN 24	18668	18511	157	JAN 24	32487	32287	201
FEB 24	4183	4169	14	FEB 24	22821	22727	94
MAR 24	15051	14568	483	MAR 24	27930	27674	256
APR 24	7881	7896	-15	APR 24	21163	20959	204
MAY 24	2280	2356	-76	MAY 24	19709	19642	67
JUN 24	1304	1199	105	JUN 24	19913	19770	143
JUL 24	1489	1489	0	JUL 24	20312	20164	147
AUG 24	1556	1576	-20	AUG 24	20478	20330	147
SEP 24	1204	1204	0	SEP 24	19610	19538	72





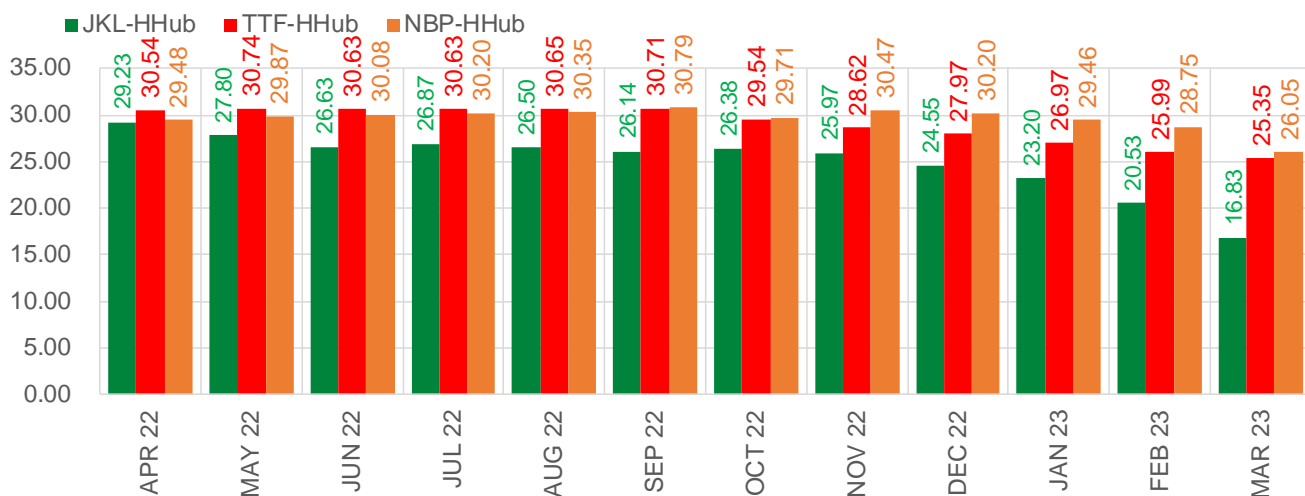
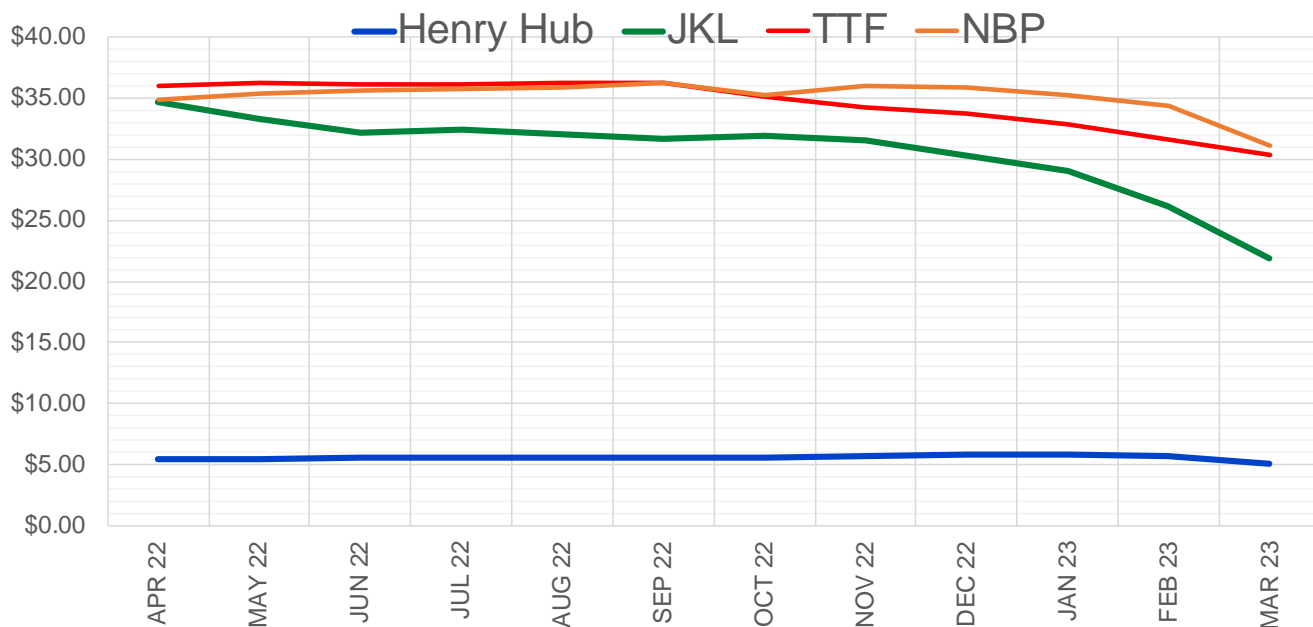
	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
Current Price	\$5.232	\$5.274	\$5.316	\$5.366	\$5.371	\$5.350	\$5.362	\$5.423	\$5.562	\$5.653	\$5.474	\$4.925
Last Week	\$4.748	\$4.784	\$4.829	\$4.880	\$4.888	\$4.870	\$4.885	\$4.956	\$5.104	\$5.198	\$5.027	\$4.558
vs. Last Week	\$0.484	\$0.490	\$0.487	\$0.486	\$0.483	\$0.480	\$0.477	\$0.467	\$0.458	\$0.455	\$0.447	\$0.367
4 Weeks Ago	\$4.623	\$4.593	\$4.605	\$4.647	\$4.697	\$4.705	\$4.688	\$4.709	\$4.795	\$4.944	\$5.040	\$4.862
vs. 4 Weeks Ago	\$0.609	\$0.681	\$0.711	\$0.719	\$0.674	\$0.645	\$0.674	\$0.714	\$0.767	\$0.709	\$0.434	\$0.063
Last Year	\$2.518	\$2.568	\$2.630	\$2.691	\$2.708	\$2.698	\$2.714	\$2.787	\$2.919	\$3.013	\$2.960	\$2.788
vs. Last Year	\$2.714	\$2.706	\$2.686	\$2.675	\$2.663	\$2.652	\$2.648	\$2.636	\$2.643	\$2.640	\$2.514	\$2.137

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	4.71	4.89	0.18
TETCO M3	\$/MMBtu	4.42	4.23	-0.19
FGT Zone 3	\$/MMBtu	4.37	5.00	0.63
Zone 6 NY	\$/MMBtu	4.37	4.19	-0.18
Chicago Citygate	\$/MMBtu	4.81	4.74	-0.07
Michcon	\$/MMBtu	4.85	4.75	-0.10
Columbia TCO Pool	\$/MMBtu	4.29	4.32	0.03
Ventura	\$/MMBtu	4.62	4.66	0.04
Rockies/Opal	\$/MMBtu	4.53	4.44	-0.09
El Paso Permian Basin	\$/MMBtu	4.50	4.20	-0.30
Socal Citygate	\$/MMBtu	4.75	4.49	-0.27
Malin	\$/MMBtu	4.28	4.50	0.22
Houston Ship Channel	\$/MMBtu	5.00	4.73	-0.27
Henry Hub Cash	\$/MMBtu	5.26	4.68	-0.58
AECO Cash	C\$/GJ	4.20	3.87	-0.33
Station2 Cash	C\$/GJ	4.02	4.30	0.28
Dawn Cash	C\$/GJ	4.88	4.79	-0.09

Source: CME, Bloomberg

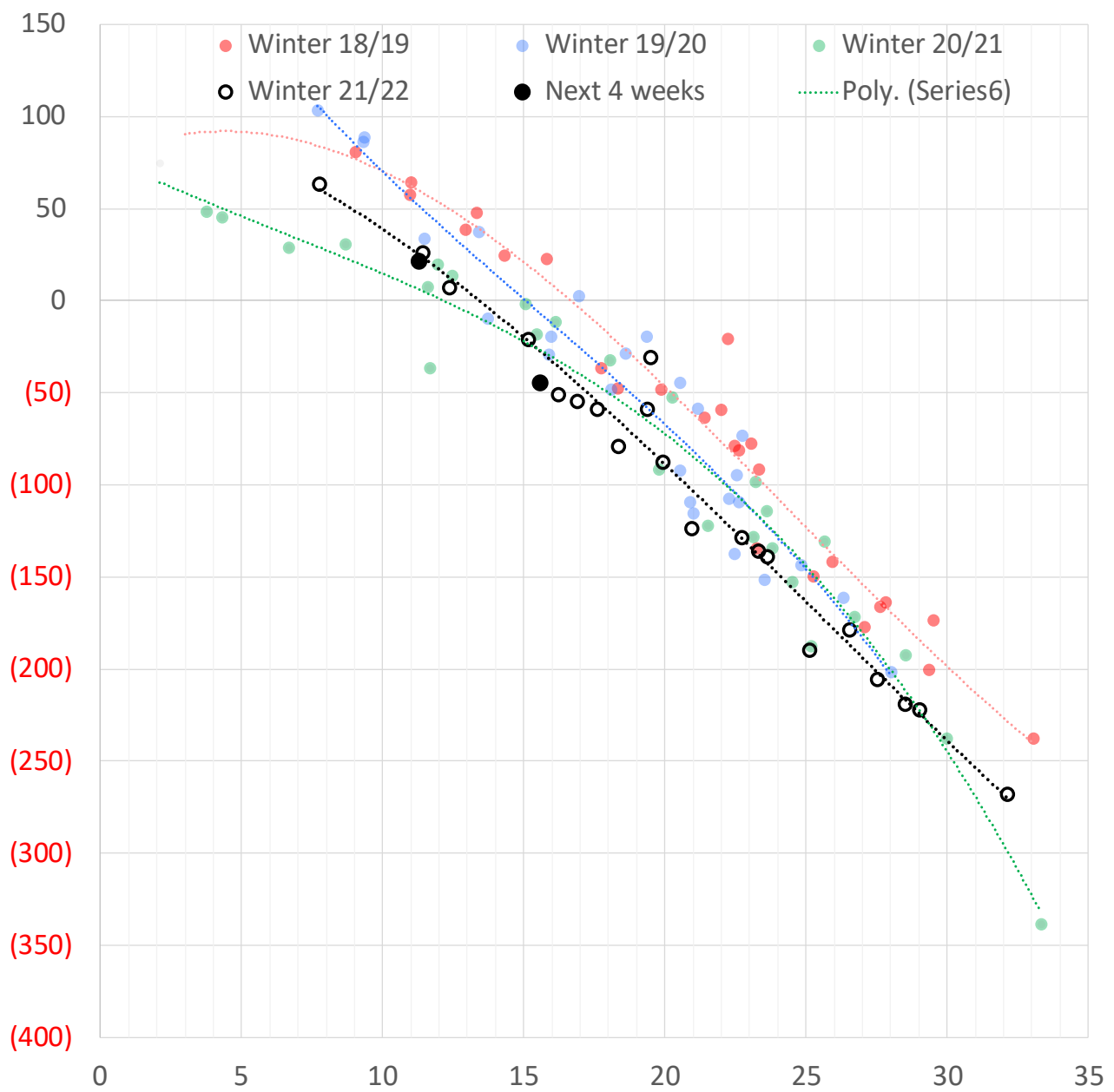
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.208
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.290
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.107
NatGas Apr22/Oct22	\$/MMBtu	0.128	▲ 0.003	▲ 0.008	▲ 0.083
WTI Crude	\$/Bbl	112.34	▲ 9.360	▲ 19.530	▲ 53.780
Brent Crude	\$/Bbl	119.03	▲ 12.390	▲ 19.950	▲ 57.080
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	415.34	▲ 66.600	▲ 125.650	▲ 240.560
Propane, Mt. Bel	cents/Gallon	1.45	▲ 0.043	▲ 0.129	▲ 0.527
Ethane, Mt. Bel	cents/Gallon	0.43	▲ 0.004	▲ 0.027	▲ 0.210
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)



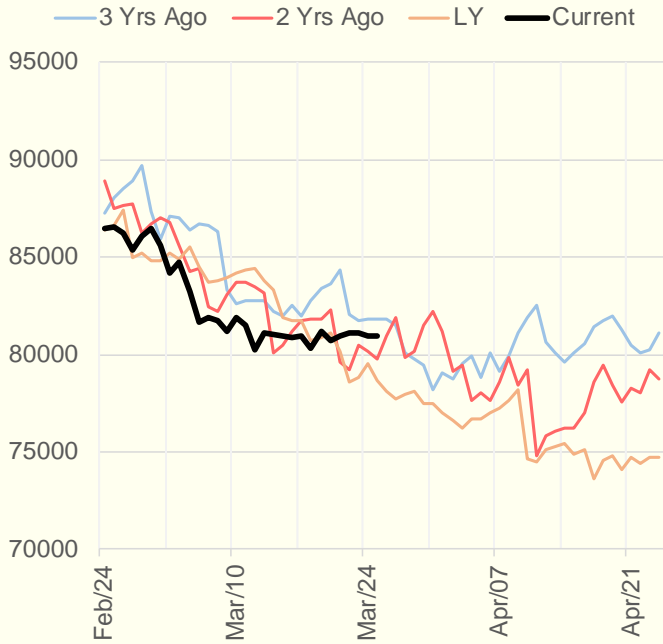
	APR 22	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23
Henry Hub	\$5.455	\$5.495	\$5.534	\$5.582	\$5.596	\$5.559	\$5.584	\$5.625	\$5.771	\$5.866	\$5.664	\$5.073
JKL	\$34.680	\$33.295	\$32.165	\$32.450	\$32.100	\$31.700	\$31.960	\$31.595	\$30.325	\$29.070	\$26.195	\$21.905
JKL-HHHub	\$29.225	\$27.800	\$26.631	\$26.868	\$26.504	\$26.141	\$26.376	\$25.970	\$24.554	\$23.204	\$20.531	\$16.832
TTF	\$35.998	\$36.234	\$36.161	\$36.209	\$36.244	\$36.265	\$35.121	\$34.248	\$33.742	\$32.836	\$31.658	\$30.427
TTF-HHHub	\$30.543	\$30.739	\$30.627	\$30.627	\$30.648	\$30.706	\$29.537	\$28.623	\$27.971	\$26.970	\$25.994	\$25.354
NBP	\$34.939	\$35.366	\$35.616	\$35.784	\$35.941	\$36.345	\$35.294	\$36.095	\$35.970	\$35.326	\$34.415	\$31.127
NBP-HHHub	\$29.484	\$29.871	\$30.082	\$30.202	\$30.345	\$30.786	\$29.710	\$30.470	\$30.199	\$29.460	\$28.751	\$26.054

Weather Storage Model - Next 4 Week Forecast

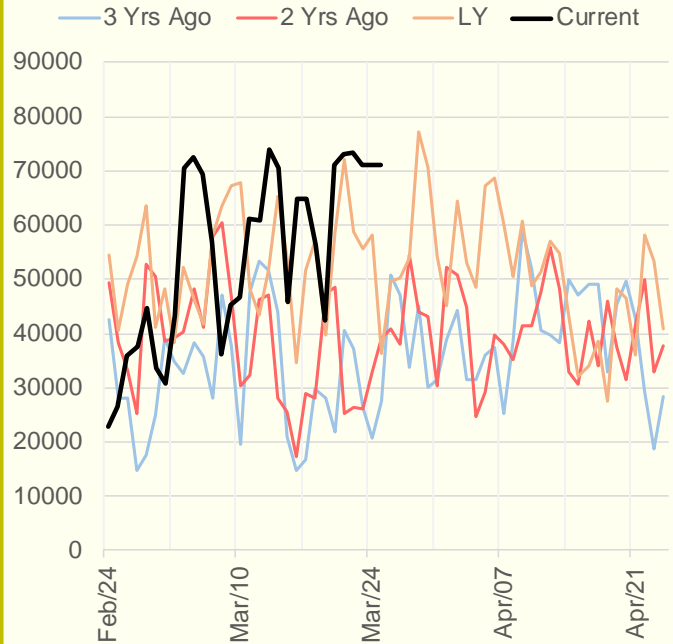


The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are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

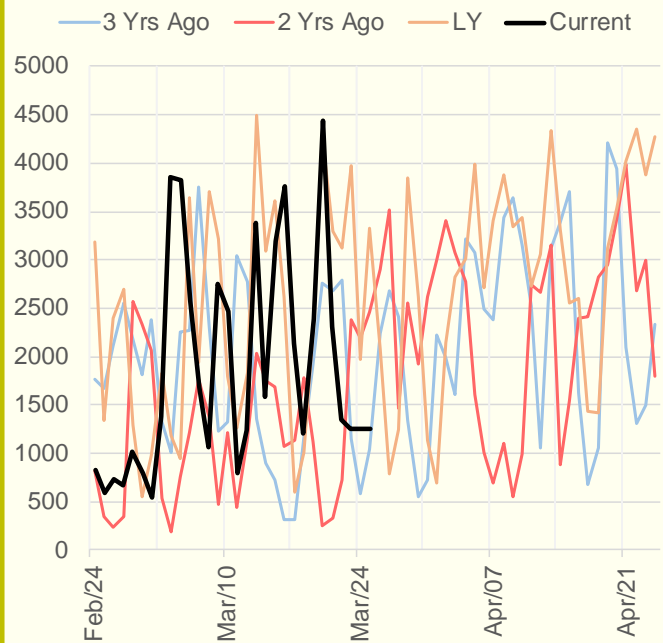
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

