

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 3.83	▼ \$ (0.00)	▲ \$ 0.09

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[Nat Gas Futures Open Interest](#)

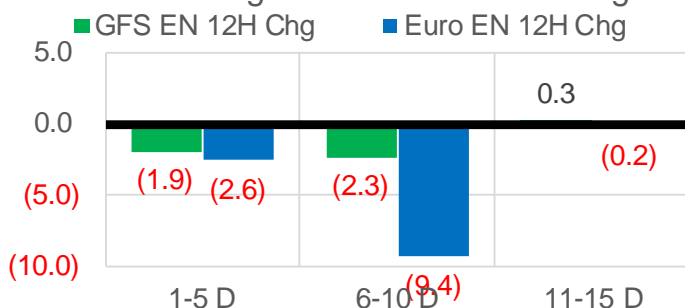
[Price Summary](#)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 69.58	▲ \$ 1.35	▼ \$ (1.1)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 72.46	▲ \$ 0.94	▼ \$ (1.1)

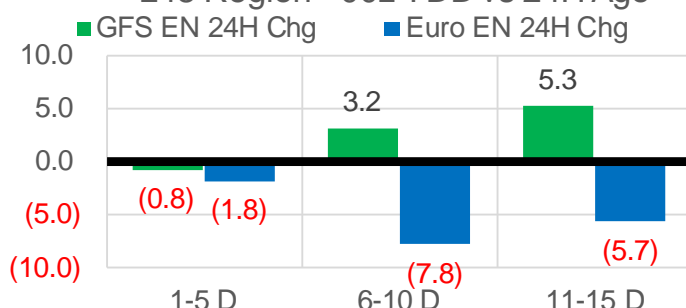
Vs. 12H Ago

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	95.8	▼ -0.57	▼ -0.52

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	30.7	▼ -0.52	▲ 1.86

	Current	Δ from YD	Δ from 7D Avg
US ResComm	41.6	▼ -2.96	▲ 6.57

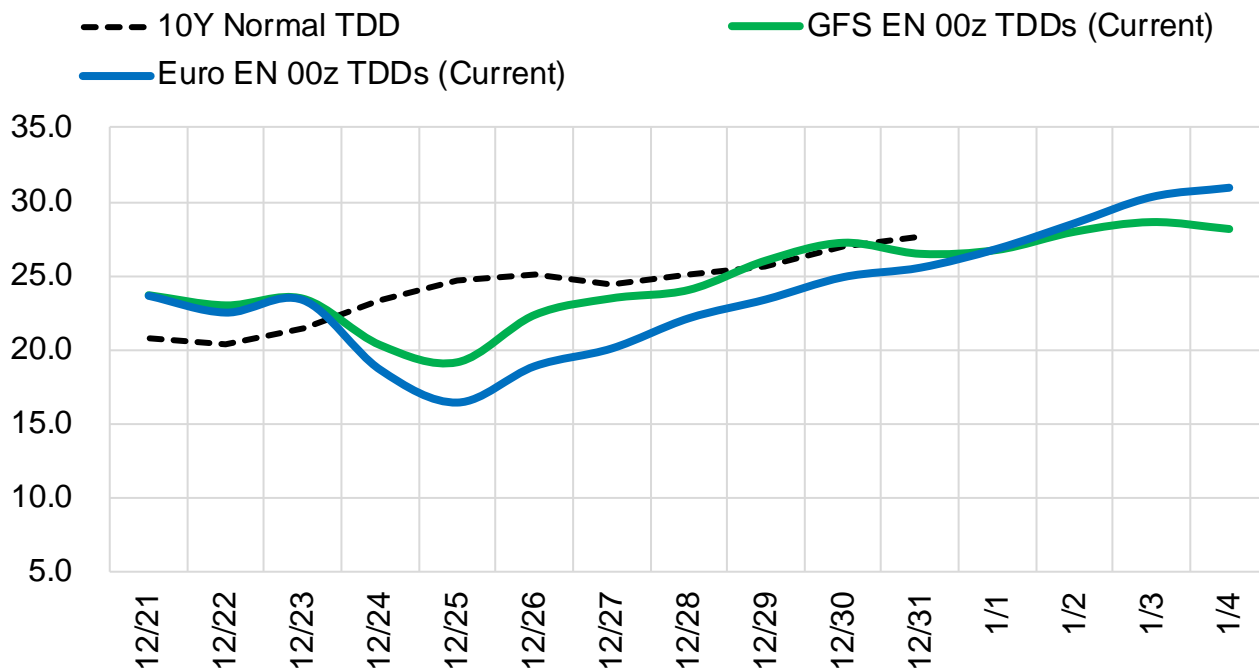
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	4.9	▼ -0.40	▲ 0.20

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	13.0	▲ 0.15	▲ 0.82

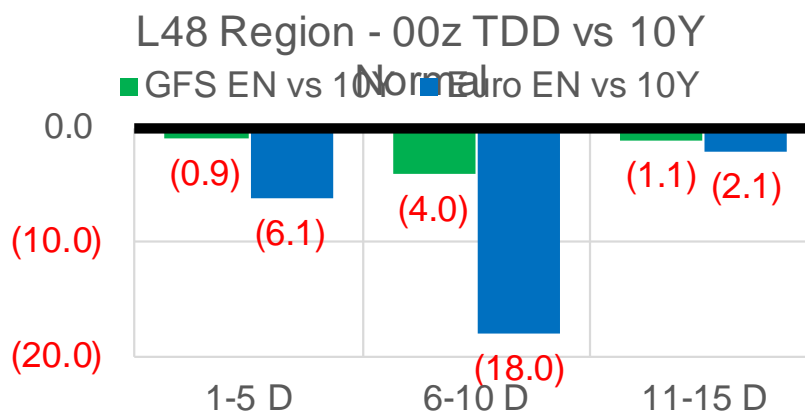
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	5.9	▼ -0.34	▼ -0.32

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	15-Dec	16-Dec	17-Dec	18-Dec	19-Dec	20-Dec	21-Dec	DoD	vs. 7D
Lower 48 Dry Production	96.6	96.4	96.5	96.4	96.1	96.4	96.1	▼ -0.3	▼ -0.3
Canadian Imports	4.3	3.8	4.1	5.1	5.4	5.3	4.9	▼ -0.4	▲ 0.2
L48 Power	28.4	27.7	27.6	27.8	29.7	31.2	30.7	▼ -0.5	▲ 2.0
L48 Residential & Commercial	27.6	27.7	32.8	36.2	43.5	44.5	41.6	▼ -3.0	▲ 6.2
L48 Industrial	23.3	23.3	23.8	23.7	24.0	23.9	23.7	▼ -0.2	▲ 0.0
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.2	5.2	5.2	5.2	▼ -0.1	▼ -0.1
L48 Pipeline Distribution	2.8	2.8	3.0	3.2	3.7	3.8	3.6	▼ -0.2	▲ 0.4
L48 Regional Gas Consumption	87.3	86.7	92.4	96.1	106.0	108.6	104.7	▼ -3.9	▲ 8.5
Net LNG Delivered	11.41	12.09	11.76	12.64	13.09	12.83	12.98	▲ 0.1	▲ 0.7
Total Mexican Exports	6.3	6.2	6.2	6.2	6.0	6.2	5.9	▼ -0.3	▼ -0.3
Implied Daily Storage Activity	-4.1	-4.8	-9.9	-13.5	-23.5	-26.0	-22.6		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	12-Nov	19-Nov	26-Nov	3-Dec	10-Dec	17-Dec	WoW	vs. 4W
Lower 48 Dry Production	95.9	95.1	96.2	96.9	96.8	96.5	▼ -0.2	▲ 0.3
Canadian Imports	5.1	4.9	5.5	5.6	5.3	4.6	▼ -0.7	▼ -0.8
L48 Power	27.5	27.8	29.2	28.8	29.1	28.4	▼ -0.7	▼ -0.3
L48 Residential & Commercial	23.6	28.0	33.3	33.2	35.5	31.5	▼ -4.0	▼ -1.0
L48 Industrial	21.4	23.1	22.4	22.5	23.8	23.9	▲ 0.1	▲ 1.0
L48 Lease and Plant Fuel	5.2	5.2	5.2	5.3	5.2	5.2	▼ 0.0	▲ 0.0
L48 Pipeline Distribution	2.7	3.0	3.3	3.3	3.2	3.0	▼ -0.2	▼ -0.2
L48 Regional Gas Consumption	80.3	87.0	93.5	93.1	96.9	92.1	▼ -4.8	▼ -0.5
Net LNG Exports	11.2	11.1	11.7	11.8	12.0	11.9	▼ -0.2	▲ 0.2
Total Mexican Exports	6.2	6.0	6.0	6.4	6.4	6.2	▼ -0.2	▼ 0.0
Implied Daily Storage Activity	3.2	-4.2	-9.6	-8.8	-13.3	-9.1	4.2	
EIA Reported Daily Storage Activity	3.7	-3.0	-8.4	-8.4	-12.6			
Daily Model Error	-0.5	-1.2	-1.1	-0.4	-0.7			

Monthly Balances

	2Yr Ago Dec-19	LY Dec-20	Aug-21	Sep-21	Oct-21	Nov-21	MTD Dec-21	MoM	vs. LY
Lower 48 Dry Production	95.9	91.6	94.0	93.5	94.0	95.9	96.5	▲ 0.7	▲ 5.0
Canadian Imports	4.5	5.8	5.1	5.1	5.4	5.3	4.9	▼ -0.4	▼ -0.8
L48 Power	29.3	28.0	40.1	33.0	30.2	28.7	28.8	▲ 0.0	▲ 0.8
L48 Residential & Commercial	39.1	40.3	7.9	8.7	13.2	29.6	34.0	▲ 4.5	▼ -6.3
L48 Industrial	24.6	23.4	21.5	20.3	20.3	22.3	23.7	▲ 1.4	▲ 0.3
L48 Lease and Plant Fuel	5.2	5.0	5.1	5.1	5.1	5.2	5.2	▲ 0.0	▲ 0.3
L48 Pipeline Distribution	3.4	3.4	2.6	2.3	2.3	3.1	3.1	▲ 0.0	▼ -0.3
L48 Regional Gas Consumption	101.6	100.0	77.2	69.4	71.3	88.9	94.9	▲ 5.9	▼ -5.2
Net LNG Exports	7.8	11.0	10.5	10.3	10.6	11.4	12.0	▲ 0.6	▲ 1.0
Total Mexican Exports	4.9	5.8	6.9	6.7	6.6	6.1	6.3	▲ 0.2	▲ 0.5
Implied Daily Storage Activity	-13.8	-19.5	4.6	12.1	10.9	-5.3	-11.7		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	13-Dec	14-Dec	15-Dec	16-Dec	17-Dec	18-Dec	19-Dec	DoD	vs. 7D
NRC Nuclear Daily Output	90.4	91.5	92.0	92.0	92.4	92.4	92.4	0.0	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	14.5	13.4	12.9	12.9	12.5	12.5	12.5	0.0	-0.6
NRC % Nuclear Cap Utilization	91.9	93.0	93.5	93.5	93.9	93.9	93.9	0.0	0.6

Wind Generation Daily Average - MWh (EIA)

	13-Dec	14-Dec	15-Dec	16-Dec	17-Dec	18-Dec	19-Dec	DoD	vs. 7D
CALI Wind	2594	3065	1464	1855	737	706	755	49	-982
TEXAS Wind	14446	17778	21984	10166	13399	17351	8377	-8974	-7477
US Wind	56970	69334	78485	58030	45089	52087	46964	-5123	-13035

Generation Daily Average - MWh (EIA)

	13-Dec	14-Dec	15-Dec	16-Dec	17-Dec	18-Dec	19-Dec	DoD	vs. 7D
US Wind	56970	69334	78485	58030	45089	52087	46964	-5123	-13035
US Solar	7086	6027	7000	7454	9875	6639	6661	22	-686
US Petroleum	3295	2743	2390	2866	3282	3459	3460	1	454
US Other	8687	8340	8228	8418	7751	8045	7688	-357	-557
US Coal	85296	82873	72448	77505	82044	80640	84287	3647	4153
US Nuke	95984	96938	97022	96882	97494	97176	96120	-1056	-796
US Hydro	31996	30616	30416	30913	32421	31419	31026	-393	-271
US Gas	164308	152034	145006	151893	157195	141625	156736	15111	4726

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	12-Nov	19-Nov	26-Nov	3-Dec	10-Dec	17-Dec	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	79.8	83.9	86.1	87.8	88.0	90.0	2.1	-0.4
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	25.1	21.0	18.8	17.1	16.9	14.9	-2.1	
NRC % Nuclear Cap Utilization	0.1	0.1	0.1	0.1	0.1	0.1	0.0	

Wind Generation Weekly Average - MWh (EIA)

	12-Nov	19-Nov	26-Nov	3-Dec	10-Dec	17-Dec	WoW	WoW Bcf/d Impact
CALI Wind	1805	862	1496	363	1263	1709	445	-0.1
TEXAS Wind	12032	13655	14691	8733	12216	16176	3960	-0.7
US Wind	51002	58367	56260	47210	51470	68300	16830	-3.0
					4259.8			
					9%			

Generation Weekly Average - MWh (EIA)

	12-Nov	19-Nov	26-Nov	3-Dec	10-Dec	17-Dec	WoW	WoW Bcf/d Impact
US Wind	51002	58367	56260	47210	51470	68300	16830	-3.0
US Solar	10015	10068	9086	9918	7402	7371	-31	0.0
US Petroleum	2532	2555	3342	3166	3441	2701	-740	0.1
US Other	8205	7849	8442	8483	8435	8428	-7	0.0
US Coal	77955	77863	82301	82287	82743	77013	-5729	1.0
US Nuke	84337	88331	91252	92816	92983	95055	2072	-0.4
US Hydro	25422	26216	27837	26777	29626	30239	613	-0.1
US Gas	145215	145263	148208	155286	159459	148420	-11039	2.0

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	Sep-21	Oct-21	Nov-21	Dec-21			
NRC Nuclear Daily Output	91.9	88.0	87.1	75.5	82.7	89.5	89.0	6.8	1.0
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	13.0	16.9	17.8	29.4	22.2	15.4	15.9	-6.8	-1.0
NRC % Nuclear Cap Utilization	93.5	89.5	88.6	76.8	84.1	91.0	90.5	6.9	1.0

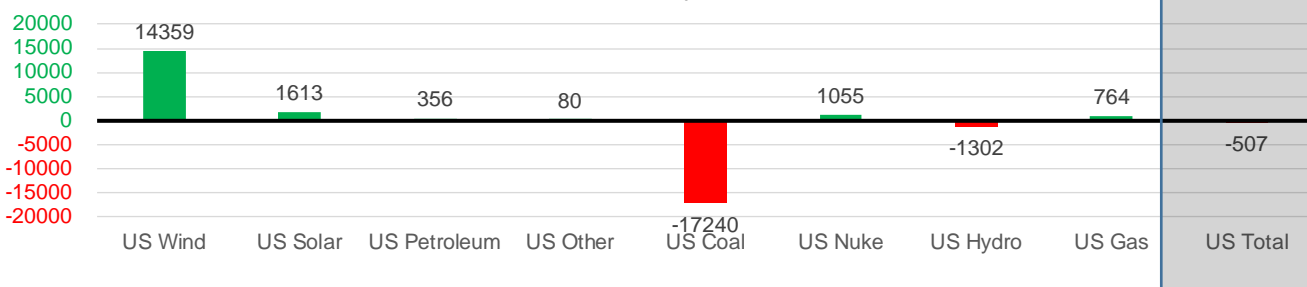
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	Sep-21	Oct-21	Nov-21	Dec-21			
CALI Wind	1022	1103	1964	1765	1252	1197	1107	-55	3
TEXAS Wind	8780	9804	9213	11565	11869	12783	12446	915	2642
US Wind	38373	40287	39362	43142	49974	55689	54647	5715	14359

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	Sep-21	Oct-21	Nov-21	Dec-21			
US Wind	38373	40287	39362	43142	49974	55689	54647	▼-1042.1	▲14359
US Solar	4414	6593	13345	11059	9690	7595	8206	▲610.1	▲1613
US Petroleum	2600	2851	2517	3239	3045	3113	3207	▲94	▲356
US Other	8520	8281	9021	11109	8435	8292	8361	▲69	▲80
US Coal	97558	98712	109915	84433	80848	80715	81472	▲757	▼-17240
US Nuke	98716	92937	90072	77089	87404	94416	93991	▼-425	▲1055
US Hydro	28805	30554	25622	24078	26593	30059	29252	▼-807	▼-1302
US Gas	155444	152766	173566	159045	151462	154503	153530	▼-744	▲764
US Total	434530	433335	463578	413350	417925	434486	432828	▼-446	▼-507

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

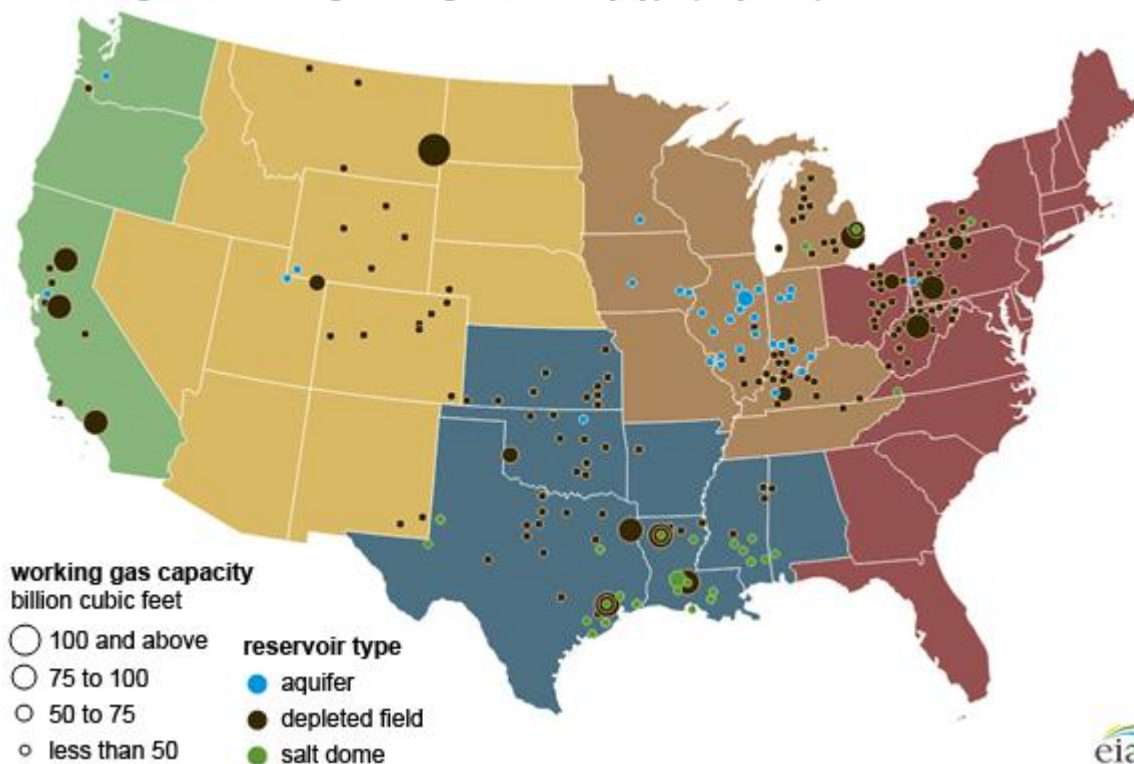
Regional S/D Models Storage Projection

Week Ending 17-Dec

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	-9.3	1.1	-8.2	-58
East	-3.3	2.4	-0.9	-6
Midwest	-3.1	0.1	-3.0	-21
Mountain	1.9	-3.4	-1.5	-10
South Central	-3.9	2.5	-1.4	-10
Pacific	-1.0	-0.5	-1.5	-10

*Adjustment Factor is calculated based on historical regional deltas

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

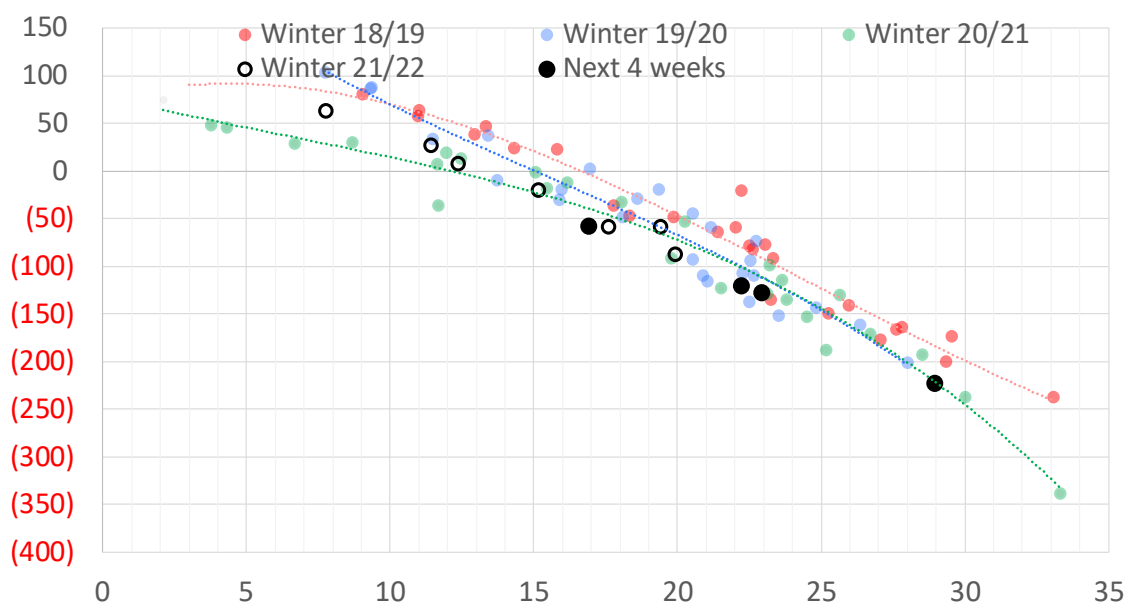


Weather Model Storage Projection

Next report
and beyond

Week Ending	GWDDs	Week Storage Projection
17-Dec	17	-58
24-Dec	23	-127
31-Dec	22	-121
07-Jan	29	-222

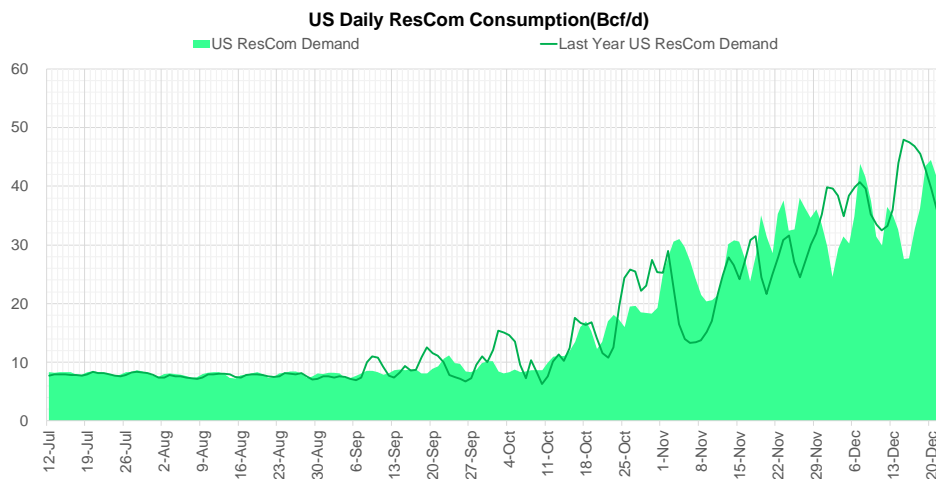
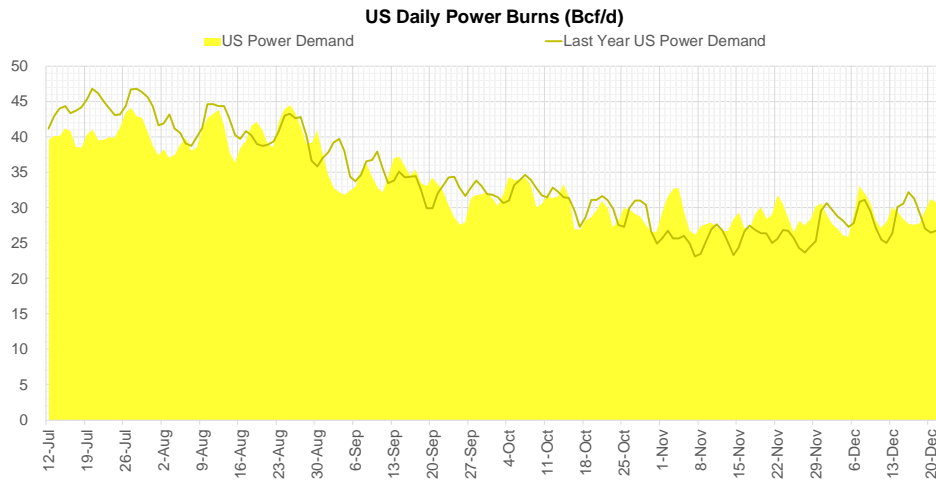
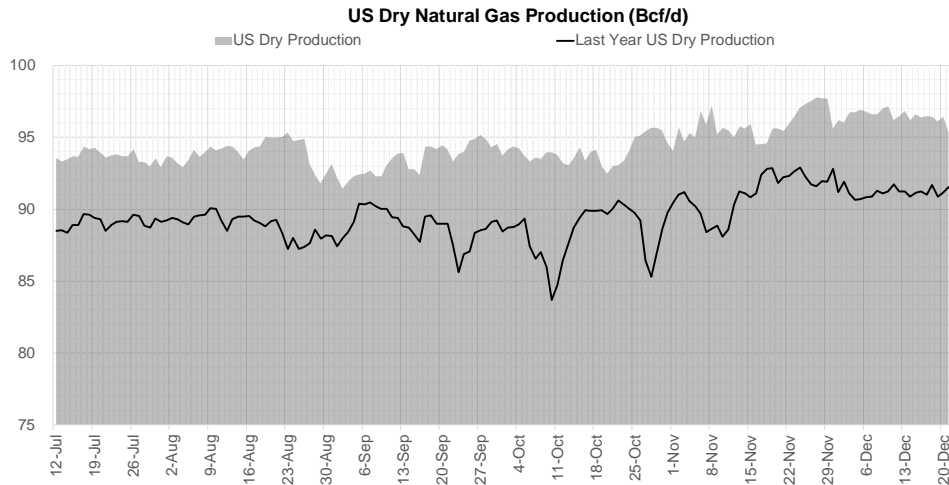
Weather Storage Model - Next 4 Week Forecast



[Go to larger image](#)



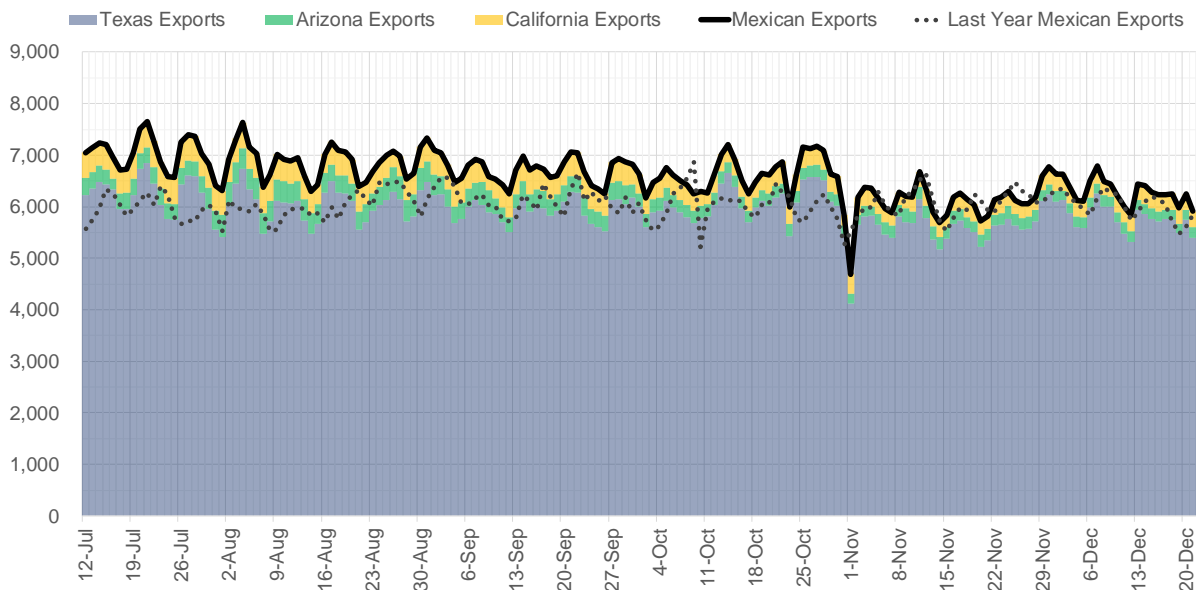
Supply – Demand Trends



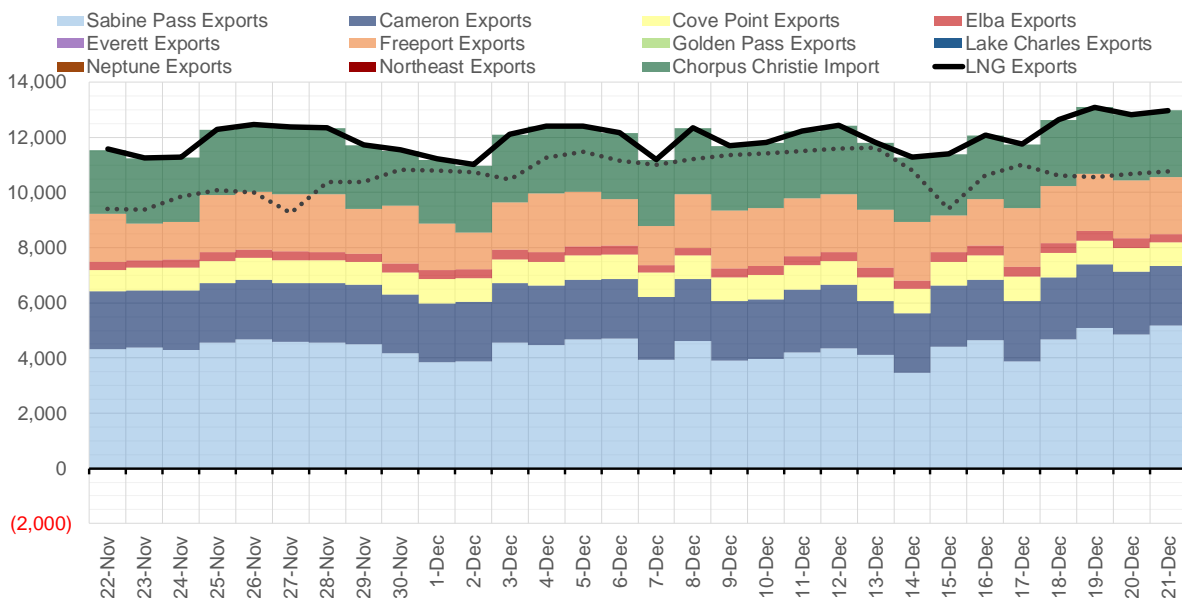
Source: Bloomberg

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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
1	2022	P	3.80	6308	3	2022	C	10.00	36263
1	2022	C	4.00	4349	1	2022	C	4.00	31152
1	2022	P	3.50	4348	1	2022	P	3.00	27350
1	2022	P	3.75	2620	1	2022	P	4.00	27039
1	2022	C	3.80	2341	3	2022	C	8.00	25917
1	2022	C	4.50	2330	3	2022	C	5.00	25481
3	2022	C	4.00	2171	1	2022	C	5.00	24879
1	2022	C	4.25	2033	1	2022	P	2.75	23364
2	2022	C	6.00	1642	1	2022	C	6.00	23210
1	2022	C	3.85	1606	2	2022	C	5.00	23040
5	2022	P	2.50	1400	1	2022	P	3.50	21167
1	2022	C	3.75	1247	1	2022	C	4.50	20856
2	2022	C	4.50	1082	3	2022	C	6.00	20837
1	2022	P	3.25	1024	3	2022	C	4.00	20426
5	2022	C	4.50	1000	12	2022	C	5.00	20297
1	2022	P	3.00	932	3	2022	P	2.50	20192
1	2022	P	3.85	926	4	2022	C	3.00	19710
1	2022	P	2.50	900	4	2022	C	5.00	19708
2	2022	C	4.00	820	1	2022	C	10.00	18356
2	2022	C	5.00	802	1	2022	P	3.25	17838
1	2022	C	3.90	618	2	2022	C	4.00	17803
3	2022	P	2.75	602	3	2022	P	4.00	17649
1	2022	P	3.60	522	2	2022	P	3.50	17588
1	2022	C	6.00	507	1	2022	C	7.00	17572
1	2022	C	4.75	490	2	2022	C	6.00	17548
1	2022	C	5.00	453	3	2022	P	3.00	17526
1	2022	C	4.20	449	3	2022	P	3.50	17300
1	2022	C	4.10	425	3	2022	C	7.00	16850
1	2022	P	3.65	425	2	2022	P	4.00	15867
4	2022	P	2.25	400	5	2022	C	5.00	15498
4	2022	P	2.50	400	6	2022	C	5.00	15392
5	2022	P	2.25	400	10	2022	C	5.00	15316
6	2022	P	2.25	400	4	2022	P	2.50	15242
6	2022	P	2.50	400	2	2022	P	3.00	14388
7	2022	P	2.25	400	10	2022	C	6.00	14275
7	2022	P	2.50	400	2	2022	C	5.50	14179
8	2022	P	2.25	400	2	2022	C	10.00	13757
8	2022	P	2.50	400	5	2022	C	3.00	13733
9	2022	P	2.25	400	3	2022	P	5.00	13507
9	2022	P	2.50	400	1	2022	C	8.00	13463
10	2022	P	2.25	400	6	2022	C	3.00	13438
10	2022	P	2.50	400	10	2022	P	2.00	13294
3	2022	P	3.50	359	12	2022	C	4.50	13274
2	2022	C	4.75	338	2	2022	C	4.50	13263
1	2022	C	3.95	330	7	2022	C	3.00	13230
3	2022	P	3.25	301	8	2022	C	3.00	13226
1	2022	C	3.70	300	9	2022	C	3.00	13225
2	2022	C	4.25	291	3	2022	C	3.00	13178
2	2022	P	3.50	291	8	2022	C	5.00	13168
					10	2022	C	3	13114

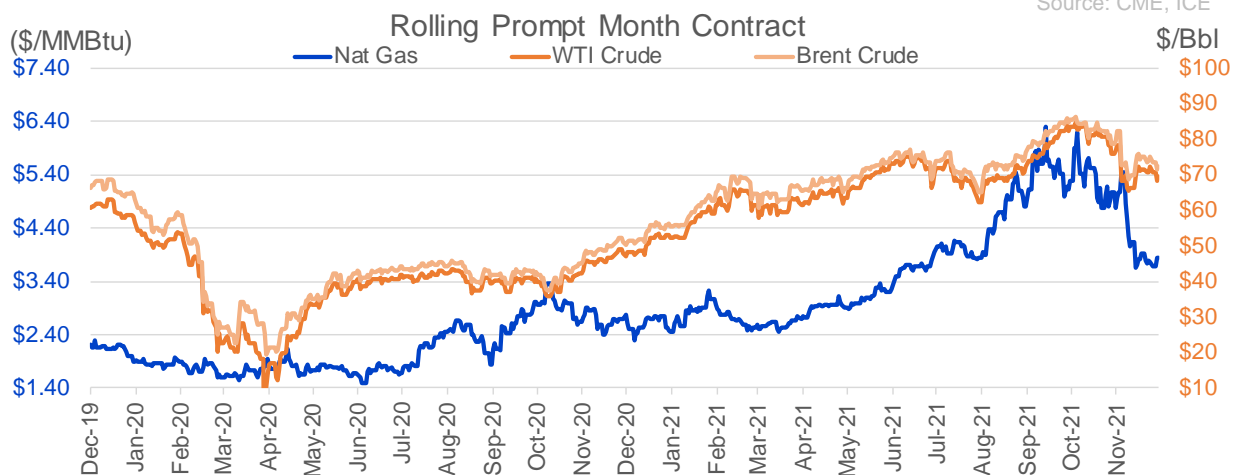
Source: CME, ICE

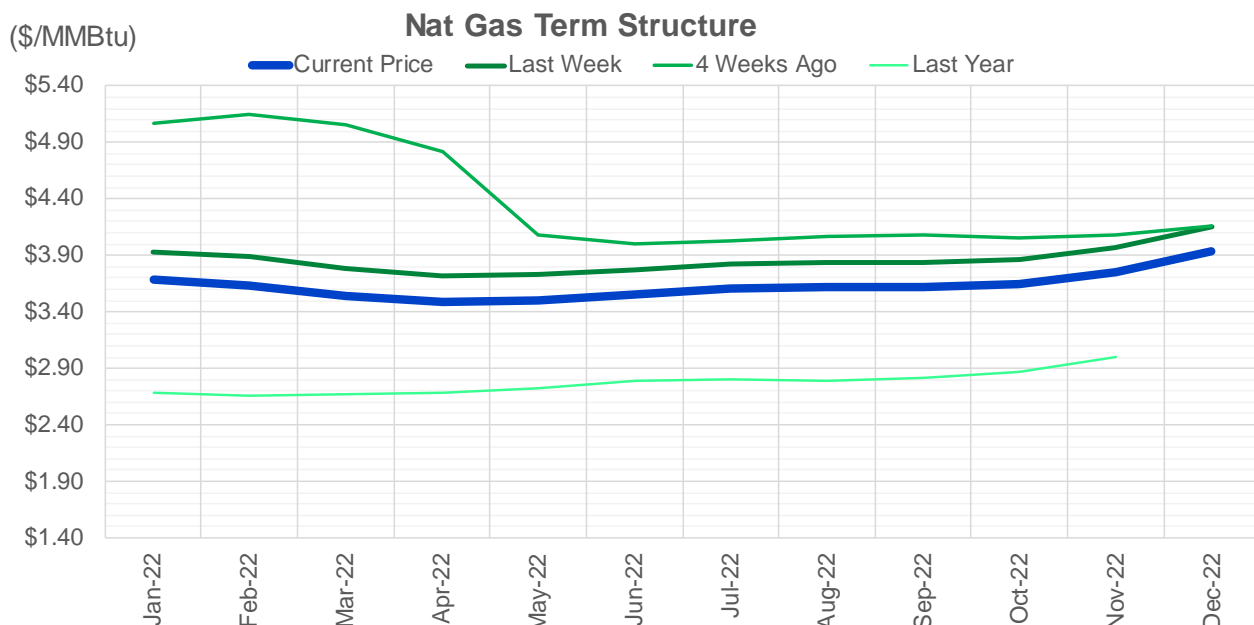
Nat Gas Futures Open Interest

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
JAN 22	58040	68094	-10054	JAN 22	79887	83221	-3335
FEB 22	126918	118801	8117	FEB 22	76475	77501	-1026
MAR 22	248113	247836	277	MAR 22	89984	92810	-2826
APR 22	84306	86400	-2094	APR 22	71806	71840	-34
MAY 22	113076	114473	-1397	MAY 22	69211	69886	-675
JUN 22	52332	52293	39	JUN 22	54233	54580	-347
JUL 22	42058	42008	50	JUL 22	58721	58807	-86
AUG 22	32636	32588	48	AUG 22	55102	55417	-316
SEP 22	45841	45566	275	SEP 22	55885	56325	-440
OCT 22	74058	74942	-884	OCT 22	62995	63780	-785
NOV 22	35043	34935	108	NOV 22	50365	50610	-245
DEC 22	33851	33567	284	DEC 22	58914	59090	-176
JAN 23	39439	38460	979	JAN 23	46525	46607	-82
FEB 23	12400	12005	395	FEB 23	36111	36013	98
MAR 23	26698	26422	276	MAR 23	40648	40636	12
APR 23	19869	19758	111	APR 23	39967	39965	3
MAY 23	12939	12990	-51	MAY 23	35888	35829	60
JUN 23	10043	10078	-35	JUN 23	32298	32214	85
JUL 23	7498	7498	0	JUL 23	31792	31740	52
AUG 23	4728	4738	-10	AUG 23	32787	32754	34
SEP 23	7281	7280	1	SEP 23	31226	31171	55
OCT 23	11830	11839	-9	OCT 23	35746	35717	29
NOV 23	6109	6076	33	NOV 23	35273	35206	67
DEC 23	8885	8802	83	DEC 23	32586	32517	69
JAN 24	6916	6918	-2	JAN 24	23662	23607	56
FEB 24	1592	1593	-1	FEB 24	16436	16378	58
MAR 24	9185	9185	0	MAR 24	22307	22276	32
APR 24	4434	4438	-4	APR 24	15643	15635	8
MAY 24	2059	2058	1	MAY 24	16090	16082	8
JUN 24	929	929	0	JUN 24	16466	16436	30

Source: CME, ICE





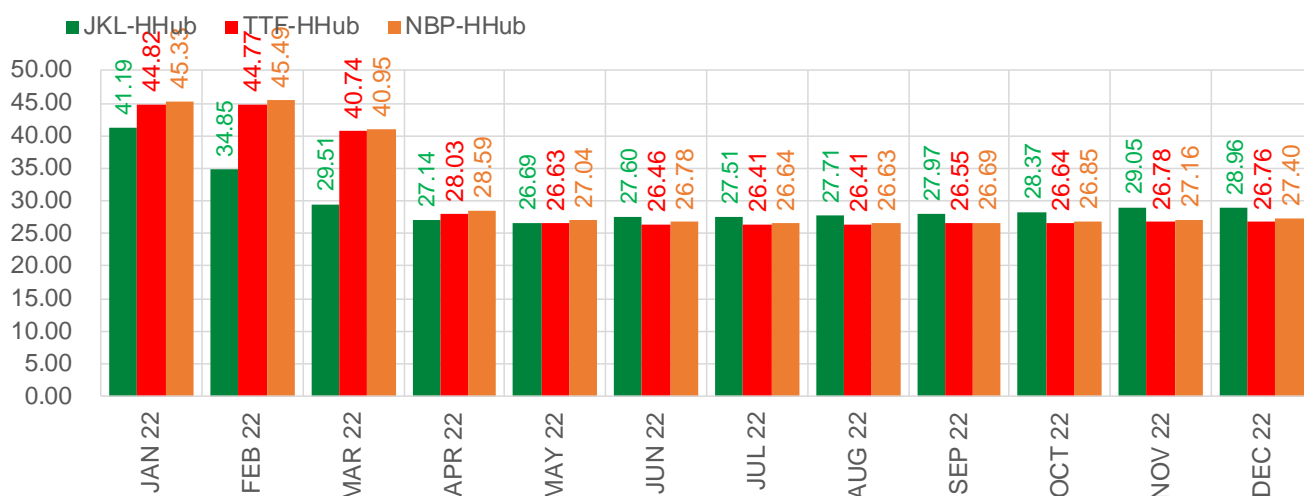
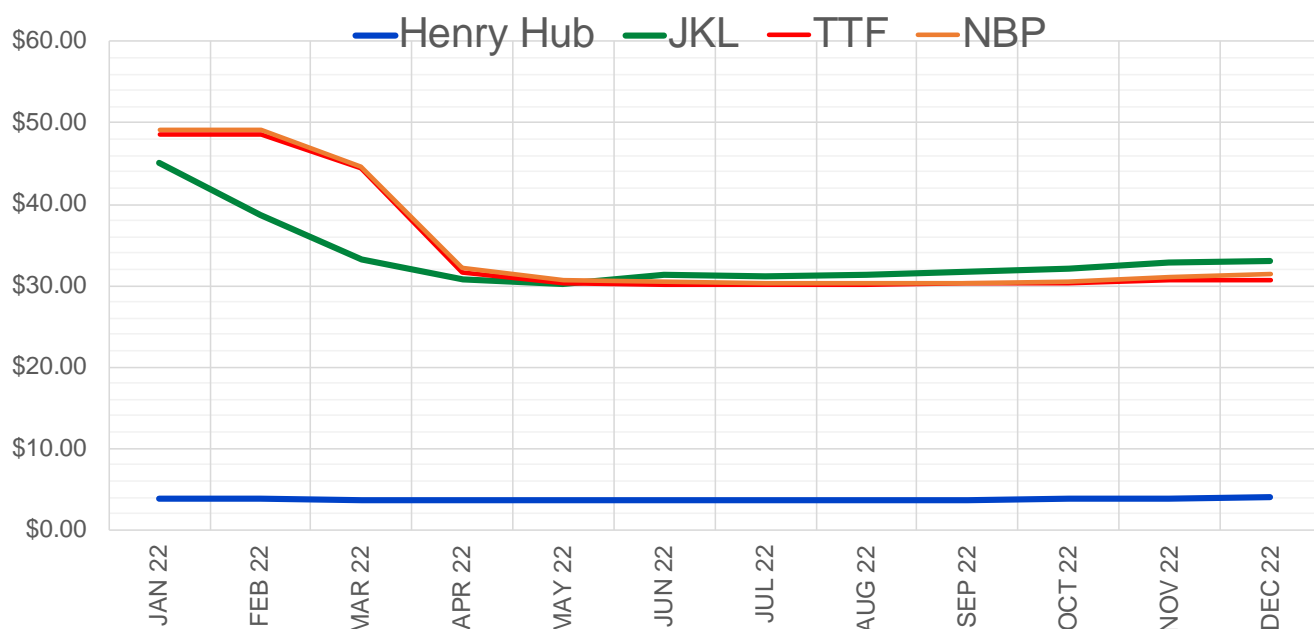
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Current Price	\$3.690	\$3.639	\$3.534	\$3.485	\$3.505	\$3.554	\$3.607	\$3.625	\$3.614	\$3.646	\$3.752	\$3.931
Last Week	\$3.925	\$3.889	\$3.788	\$3.714	\$3.725	\$3.769	\$3.824	\$3.843	\$3.834	\$3.866	\$3.967	\$4.147
vs. Last Week	-\$0.235	-\$0.250	-\$0.254	-\$0.229	-\$0.220	-\$0.215	-\$0.217	-\$0.218	-\$0.220	-\$0.220	-\$0.215	-\$0.216
4 Weeks Ago	\$5.065	\$5.145	\$5.052	\$4.818	\$4.078	\$4.004	\$4.031	\$4.071	\$4.076	\$4.056	\$4.084	\$4.164
vs. 4 Weeks Ago	-\$1.375	-\$1.506	-\$1.518	-\$1.333	-\$0.573	-\$0.450	-\$0.424	-\$0.446	-\$0.462	-\$0.410	-\$0.332	-\$0.233
Last Year	\$2.700	\$2.681	\$2.662	\$2.670	\$2.679	\$2.725	\$2.783	\$2.801	\$2.788	\$2.815	\$2.871	\$2.998
vs. Last Year	\$0.990	\$0.958	\$0.872	\$0.815	\$0.826	\$0.829	\$0.824	\$0.824	\$0.826	\$0.831	\$0.881	\$0.933

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	62.50	19.42	-43.08
TETCO M3	\$/MMBtu	3.70	4.01	0.31
FGT Zone 3	\$/MMBtu	4.00	3.92	-0.08
Zone 6 NY	\$/MMBtu	4.00	8.25	4.25
Chicago Citygate	\$/MMBtu	3.72	4.21	0.49
Michcon	\$/MMBtu	3.65	3.60	-0.05
Columbia TCO Pool	\$/MMBtu	3.15	3.38	0.23
Ventura	\$/MMBtu	3.51	4.85	1.34
Rockies/Opal	\$/MMBtu	6.55	4.08	-2.47
El Paso Permian Basin	\$/MMBtu	3.60	3.94	0.34
Socal Citygate	\$/MMBtu	8.81	6.00	-2.81
Malin	\$/MMBtu	6.51	4.92	-1.59
Houston Ship Channel	\$/MMBtu	3.80	4.12	0.32
Henry Hub Cash	\$/MMBtu	3.89	3.71	-0.18
AECO Cash	C\$/GJ	3.26	3.04	-0.22
Station2 Cash	C\$/GJ	3.15	5.54	2.39
Dawn Cash	C\$/GJ	3.78	3.75	-0.03

Source: CME, Bloomberg

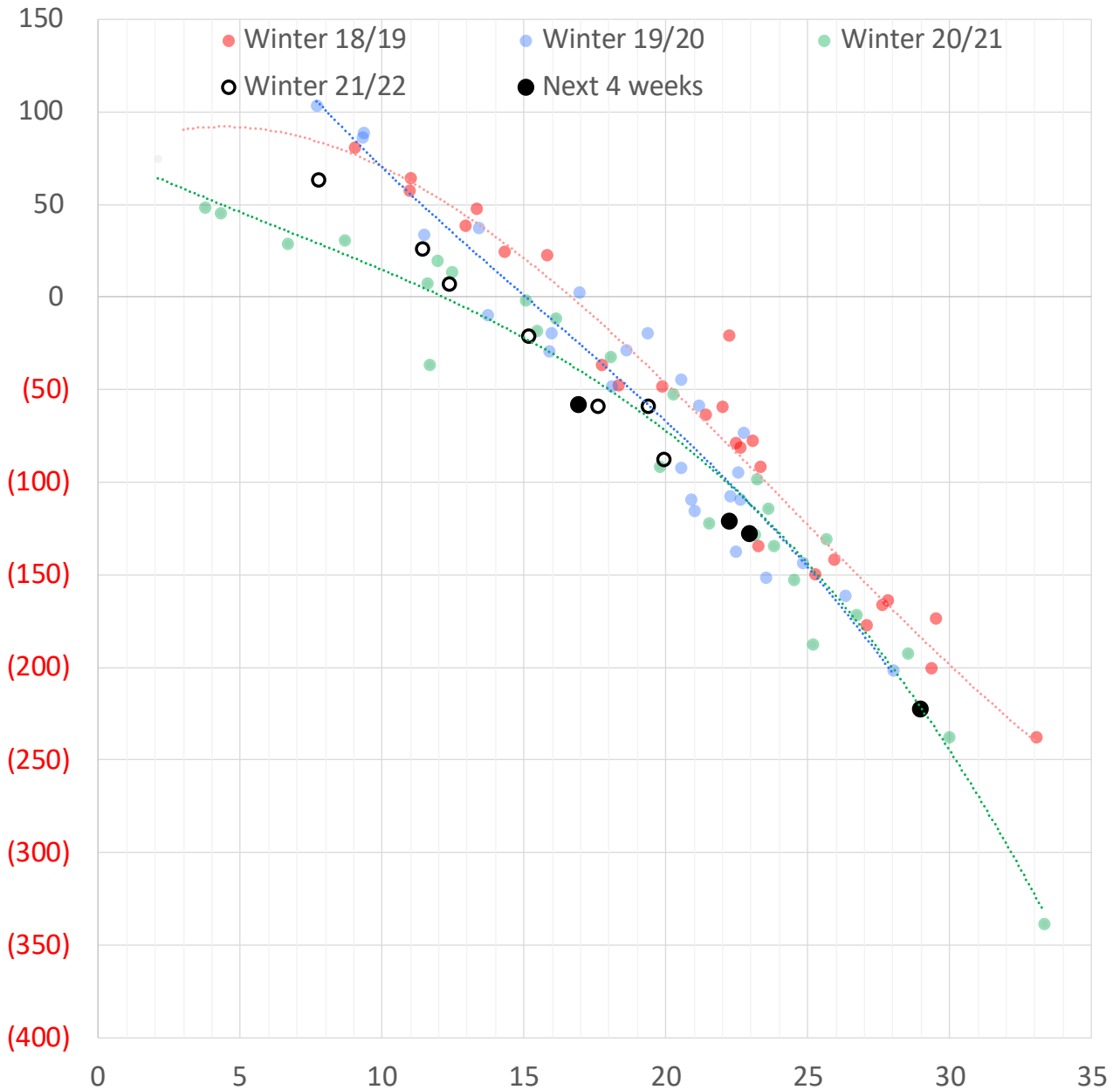
	Units	Current Price	vs. 4 Weeks			
			vs. Last Week	Ago	vs. Last Year	
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.189	
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.307	
NatGas Oct21/Jan22	\$/MMBtu	-2.007	▲ 0.040	▼ -1.027	▼ -2.281	
NatGas Apr22/Oct22	\$/MMBtu	0.160	▼ -0.005	▲ 0.136	▲ 0.131	
WTI Crude	\$/Bbl	68.23	▼ -3.060	▼ -8.520	▲ 20.490	
Brent Crude	\$/Bbl	71.52	▼ -2.870	▼ -8.180	▲ 20.610	
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000	
Heating Oil	cents/Gallon	217.30	▼ -5.980	▼ -15.240	▲ 69.560	
Propane, Mt. Bel	cents/Gallon	1.00	▼ -0.042	▼ -0.250	▲ 0.363	
Ethane, Mt. Bel	cents/Gallon	0.33	▼ -0.007	▼ -0.068	▲ 0.135	
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)

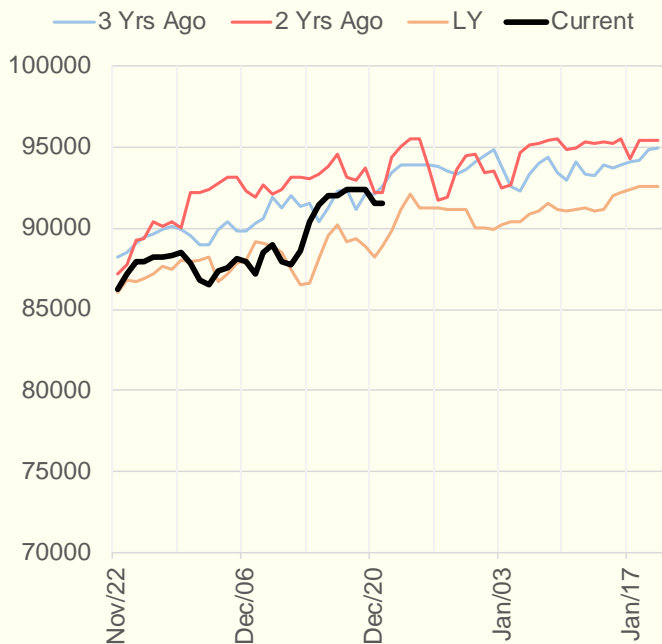


	JAN 22	FEB 22	MAR 22	APR 22	MAY 22	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22
Henry Hub	\$3.832	\$3.751	\$3.633	\$3.578	\$3.600	\$3.642	\$3.694	\$3.713	\$3.701	\$3.727	\$3.835	\$4.010
JKL	\$45.025	\$38.605	\$33.145	\$30.715	\$30.290	\$31.245	\$31.205	\$31.420	\$31.675	\$32.100	\$32.885	\$32.970
JKL-HHub	\$41.193	\$34.854	\$29.512	\$27.137	\$26.690	\$27.603	\$27.511	\$27.707	\$27.974	\$28.373	\$29.050	\$28.960
TTF	\$48.656	\$48.524	\$44.370	\$31.610	\$30.232	\$30.102	\$30.107	\$30.121	\$30.248	\$30.367	\$30.615	\$30.772
TTF-HHub	\$44.824	\$44.773	\$40.737	\$28.032	\$26.632	\$26.460	\$26.413	\$26.408	\$26.547	\$26.640	\$26.780	\$26.762
NBP	\$49.160	\$49.245	\$44.581	\$32.166	\$30.638	\$30.424	\$30.334	\$30.344	\$30.392	\$30.572	\$30.996	\$31.405
NBP-HHub	\$45.328	\$45.494	\$40.948	\$28.588	\$27.038	\$26.782	\$26.640	\$26.631	\$26.691	\$26.845	\$27.161	\$27.395

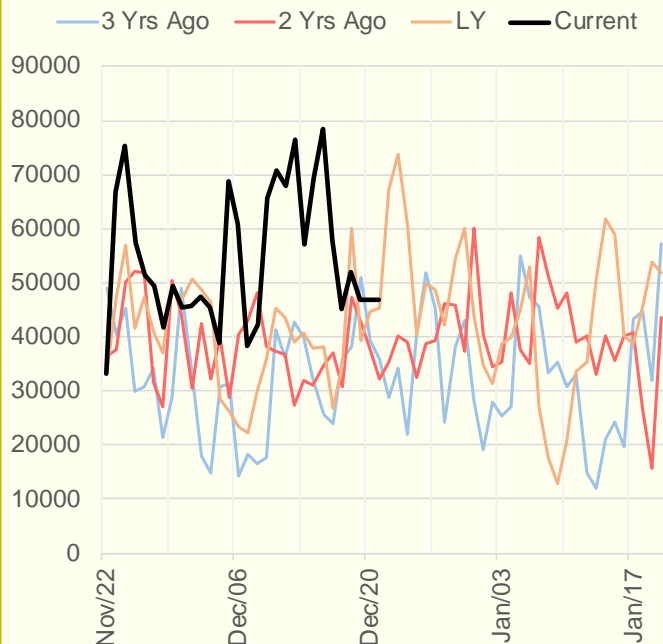
Weather Storage Model - Next 4 Week Forecast



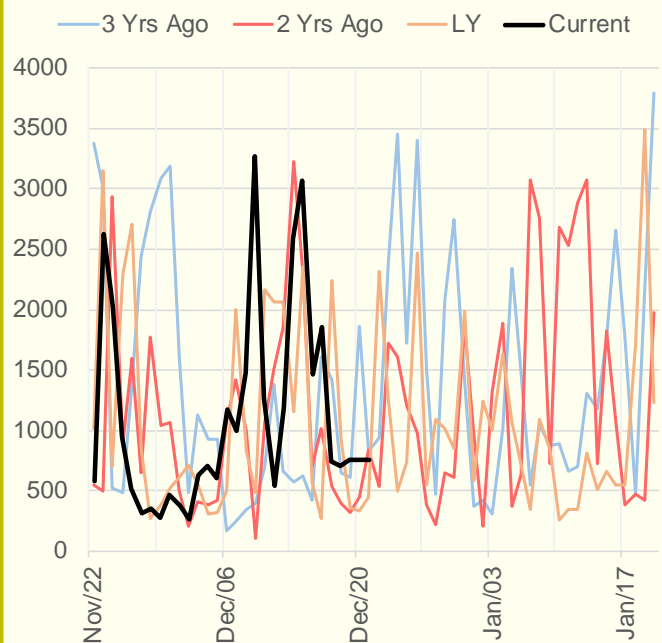
NRC Nuclear Daily Output



US Wind



CALI Wind



TEXAS Wind

