

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 6.67	▼ \$ (0.07)	▲ \$ 0.03

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 87.52	▼ \$ (1.59)	▼ \$ (3.2)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 93.03	▼ \$ (1.54)	▼ \$ (2.9)

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[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

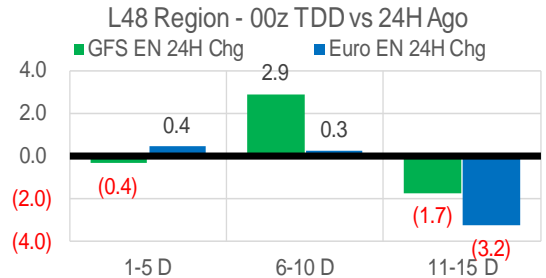
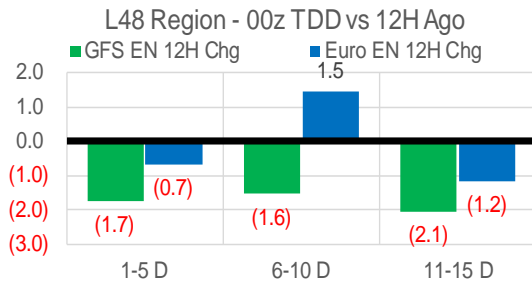
[Nat Gas Options Volume and Open Interest](#)

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Vs. 12H Ago

Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	100.4	▼ -0.41	▼ -1.68

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	31.5	▼ -0.43	▲ 0.79

	Current	Δ from YD	Δ from 7D Avg
US ResComm	16.1	▲ 0.42	▲ 1.27

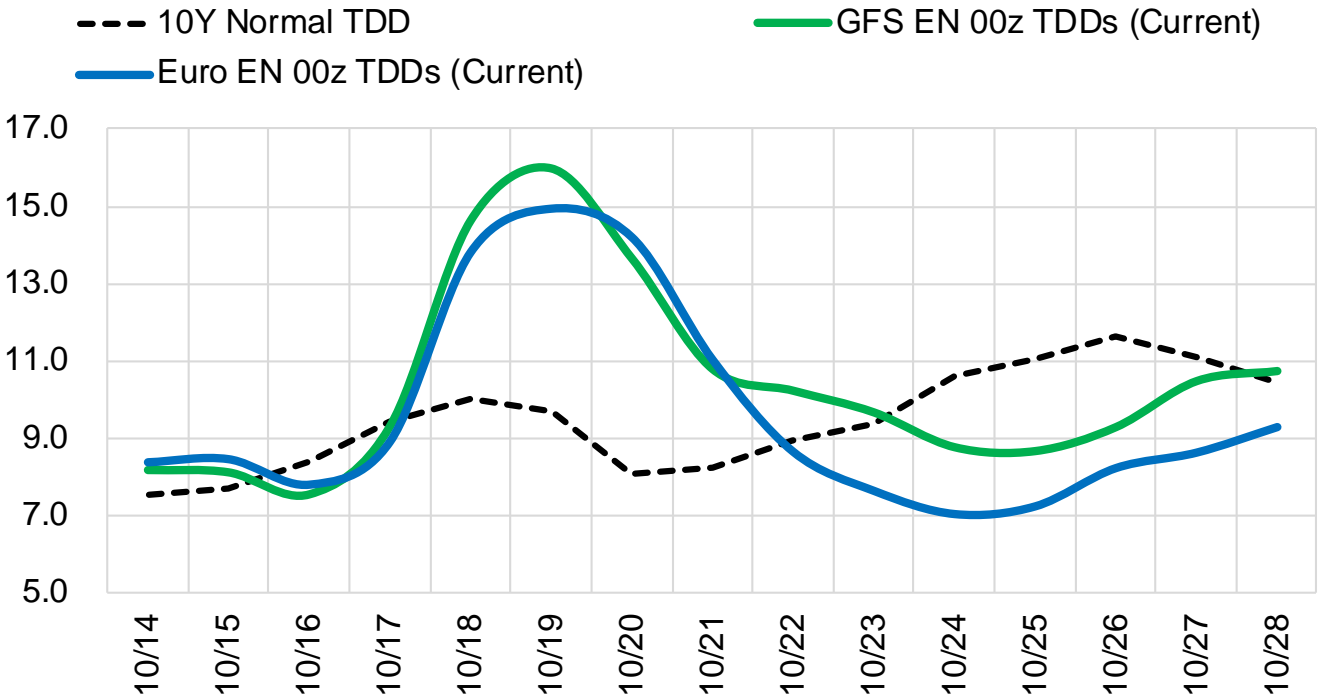
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.7	▲ 0.21	▲ 0.15

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	11.1	▼ -0.03	▲ 0.12

	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	6.5	▼ -0.25	▼ -0.05

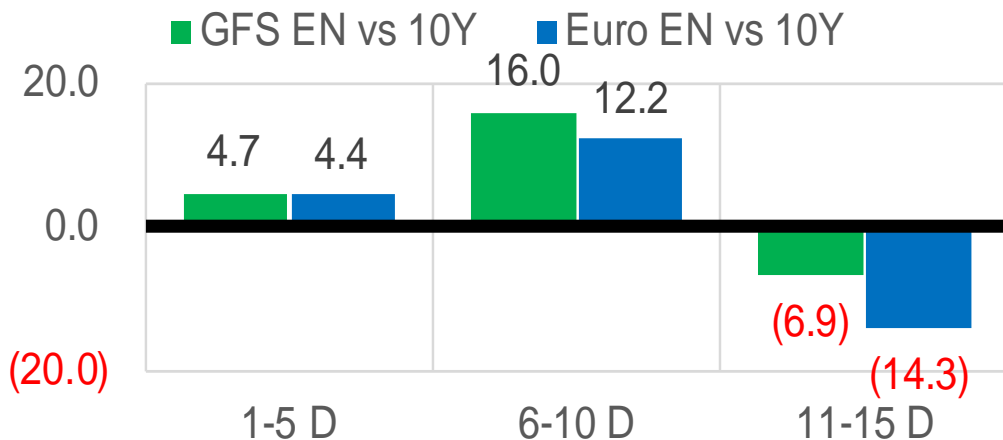
Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal

L48 Region - 00z TDD vs 10Y Normal



Source: WSI, Bloomberg

Lower 48 Component Models

Daily Balances

	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	DoD	vs. 7D
Lower 48 Dry Production	102.8	102.7	102.5	102.1	101.3	100.8	100.4	▼ -0.4	▼ -1.6
Canadian Imports	5.8	5.8	5.2	5.4	5.4	5.5	5.7	▲ 0.2	▲ 0.2
L48 Power	28.9	29.1	31.4	30.9	32.0	31.9	31.5	▼ -0.4	▲ 0.8
L48 Residential & Commercial	18.8	16.5	14.0	11.7	11.8	15.6	16.1	▲ 0.4	▲ 1.3
L48 Industrial	21.6	21.4	21.1	21.0	20.7	21.1	20.7	▼ -0.4	▼ -0.4
L48 Lease and Plant Fuel	5.7	5.7	5.7	5.7	5.7	5.6	5.6	▼ 0.0	▼ -0.1
L48 Pipeline Distribution	2.9	2.8	2.8	2.6	2.7	2.9	2.9	▼ 0.0	▲ 0.1
L48 Regional Gas Consumption	77.9	75.6	75.1	71.9	72.9	77.2	76.8	▼ -0.5	▲ 1.7
Net LNG Delivered	11.27	11.41	10.51	10.55	10.91	11.10	11.07	▼ 0.0	▲ 0.1
Total Mexican Exports	6.3	6.3	6.6	6.5	6.7	6.7	6.5	▼ -0.3	▼ 0.0
Implied Daily Storage Activity	13.0	15.2	15.6	18.6	16.3	11.2	11.7		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	LY				LW	Current		
	15-Oct	16-Sep	23-Sep	30-Sep	7-Oct	14-Oct	WoW	vs. LY
Lower 48 Dry Production	95.2	101.0	100.8	101.6	102.4	102.1	▼ -0.3	▲ 6.9
Canadian Imports	5.0	5.6	6.1	6.2	6.0	5.5	▼ -0.5	▲ 0.6
L48 Power	31.6	37.9	37.0	31.5	30.5	30.7	▲ 0.2	-0.9
L48 Residential & Commercial	9.2	8.0	8.2	11.9	13.1	14.8	▲ 1.7	5.6
L48 Industrial	21.9	20.9	21.3	20.1	21.2	21.2	▲ 0.0	-0.7
L48 Lease and Plant Fuel	5.3	5.6	5.6	5.6	5.7	5.7	▼ 0.0	0.4
L48 Pipeline Distribution	2.5	2.8	2.8	2.7	2.7	2.8	▲ 0.1	0.3
L48 Regional Gas Consumption	70.6	75.1	74.9	71.8	73.2	75.2	▲ 2.0	▲ 4.6
Net LNG Exports	10.7	11.3	11.5	11.8	11.0	11.0	▼ -0.1	▲ 0.3
Total Mexican Exports	6.6	6.7	6.6	6.9	6.7	6.5	▼ -0.1	▼ 0.0
Implied Daily Storage Activity	12.3	13.4	13.9	17.2	17.5	14.9	-2.6	2.6
EIA Reported Daily Storage Activity	13.1	14.7	14.7	18.4	17.9			
Daily Model Error	-0.9	-1.3	-0.8	-1.2	-0.4			

Monthly Balances

	2Yr Ago	LY					MTD		
	Oct-20	Oct-21	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	MoM	vs. LY
Lower 48 Dry Production	88.5	95.5	97.3	97.7	99.1	101.1	102.2	▲ 1.2	▲ 6.8
Canadian Imports	4.3	5.4	5.7	5.9	5.4	5.9	5.7	▼ -0.2	▲ 0.3
L48 Power	30.6	30.4	38.3	44.3	43.1	36.8	30.7	▼ -6.2	▲ 0.3
L48 Residential & Commercial	15.5	12.6	8.9	8.3	8.0	9.0	14.0	▲ 5.0	▲ 1.4
L48 Industrial	22.7	21.7	19.1	19.8	21.1	21.0	21.2	▲ 0.3	▼ -0.5
L48 Lease and Plant Fuel	4.8	5.3	5.5	5.5	5.5	5.6	5.7	▲ 0.1	▲ 0.4
L48 Pipeline Distribution	2.5	2.7	2.9	3.1	3.0	2.8	2.8	▼ -0.1	▲ 0.1
L48 Regional Gas Consumption	76.1	72.7	74.6	81.0	80.8	75.2	74.4	▼ -0.8	▲ 1.7
Net LNG Exports	8.0	10.6	11.2	10.9	11.0	11.5	10.9	▼ -0.6	▲ 0.3
Total Mexican Exports	6.0	6.6	7.1	7.0	6.9	6.7	6.6	▼ -0.1	▼ 0.0
Implied Daily Storage Activity	2.7	11.0	10.0	4.7	5.8	13.6	16.1		
EIA Reported Daily Storage Activity									
Daily Model Error					0.0				

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	DoD	vs. 7D
NRC Nuclear Daily Output	80.3	80.4	76.2	75.8	74.8	75.3	75.4	0.1	-1.7
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	24.6	24.5	28.7	29.1	30.0	29.6	29.5	-0.1	1.7
NRC % Nuclear Cap Utilization	81.7	81.7	77.5	77.0	76.1	76.6	76.7	0.1	-1.8

Wind Generation Daily Average - MWh (EIA)

	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	DoD	vs. 7D
CALI Wind	944	849	726	1027	986	1123	1728	605	785
TEXAS Wind	2846	5814	5767	4410	4567	4567	4567	0	-95
US Wind	26688	28793	26293	27030	30061	54033	45457	-8576	13307

Generation Daily Average - MWh (EIA)

	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	DoD	vs. 7D
US Wind	26688	28793	26293	27030	30061	54033	45457	-8576	13307
US Solar	15873	13635	13770	14088	13213	11110	9949	-1161	-3666
US Petroleum	455	413	502	770	1068	917	2341	1423	1653
US Other	10598	10672	10397	10576	10931	10754	11303	549	648
US Coal	80895	78091	73099	72355	75925	60016	65342	5326	-8055
US Nuke	81477	76599	72444	71770	71719	68701	72519	3818	-1266
US Hydro	21243	20399	18302	17900	19452	18781	19963	1183	617
US Gas	183475	161950	149469	147950	167821	131942	150221	18279	-6880

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	15-Oct	16-Sep	23-Sep	30-Sep	7-Oct	14-Oct	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	76.5	86.0	86.7	84.9	80.5	76.2	-4.3	0.8
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	28.3	18.9	18.1	20.0	24.4	28.7	4.3	
NRC % Nuclear Cap Utilization	77.8	87.4	88.2	86.4	81.9	77.5	-4.4	

Wind Generation Weekly Average - MWh (EIA)

	15-Oct	16-Sep	23-Sep	30-Sep	7-Oct	14-Oct	WoW	WoW Bcf/d Impact
CALI Wind	2400	2033	1941	1208	1370	1167	-203	0.0
TEXAS Wind	15396	8875	11580	8083	6160	4894	-1266	0.2
US Wind	49918	37396	47947	40601	32709	36732	4023	-0.8
							12%	
							-0.2	

Generation Weekly Average - MWh (EIA)

	15-Oct	16-Sep	23-Sep	30-Sep	7-Oct	14-Oct	LY	Current	WoW	WoW Bcf/d Impact
US Wind	49918	37396	47947	40601	32709	36732			4023	-0.8
US Solar	10533	14887	17244	16636	15438	12245			-3193	0.6
US Petroleum	727	1029	1010	379	664	1193			529	-0.1
US Other	12239	10065	10826	11151	10646	10848			202	0.0
US Coal	89840	91209	92461	77592	75007	70024			-4983	0.9
US Nuke	77060	88711	89298	86649	84500	72324			-12176	2.3
US Hydro	24716	25849	23537	23101	21639	19252			-2388	0.4
US Gas	165326	201189	197536	171818	171077	151368			-19709	-3.7

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						
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	NRC Nuclear Daily Output	83.0	82.7	90.6	90.5	86.2	77.9	82.0	-8.3
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	21.9	22.2	14.3	14.3	18.7	27.0	22.9	8.3	0.6
NRC % Nuclear Cap Utilization	84.4	84.1	92.1	92.1	87.7	79.2	83.4	-8.4	-0.7

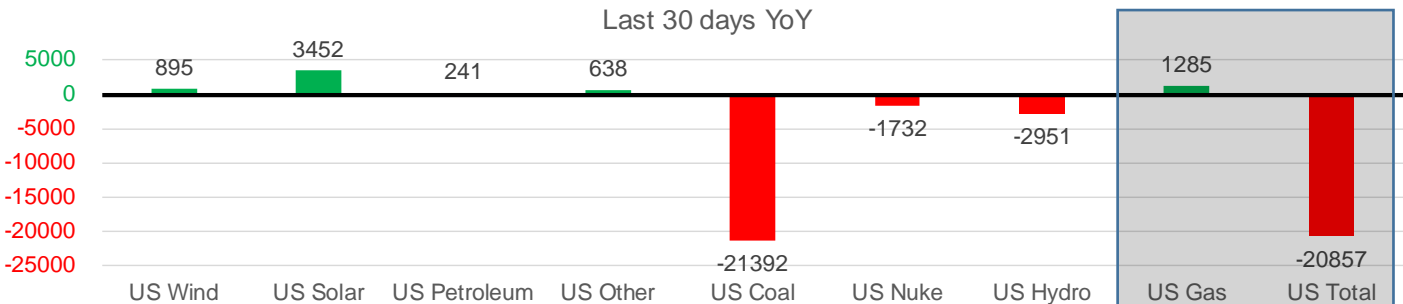
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD						
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	CALI Wind	1503	2025	2719	2028	1608	1288	1480	-320
TEXAS Wind	7744	9854	11765	8440	7993	5280	7746	-2713	-2108
US Wind	36334	39246	39701	33222	38112	34687	40141	-3425	895

Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD						
	Same 30 days	Same 30 days	Jul-22	Aug-22	Sep-22	Oct-22	Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	US Wind	36334	39246	39701	33222	38112	34687	40141	▲ 5453.2
US Solar	9170	11843	18599	16965	16179	13458	15295	▲ 1837.1	▲ 3452
US Petroleum	943	626	1252	1253	864	1059	867	▼ -192	▲ 241
US Other	8032	10220	10142	10543	10489	10780	10858	▲ 79	▲ 638
US Coal	75669	99970	119788	117200	92002	71861	78579	▲ 6717	▼ -21392
US Nuke	86250	84777	92883	92976	89052	76439	83045	▲ 6606	▼ -1732
US Hydro	25304	24843	34227	30121	25197	20111	21892	▲ 1781	▼ -2951
US Gas	170175	171159	235752	233741	199945	159777	172444	▲ 22280	▲ 1285
US Total	410116	442734	551815	535704	470435	388270	421877	▲ 39107	▼ -20857

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

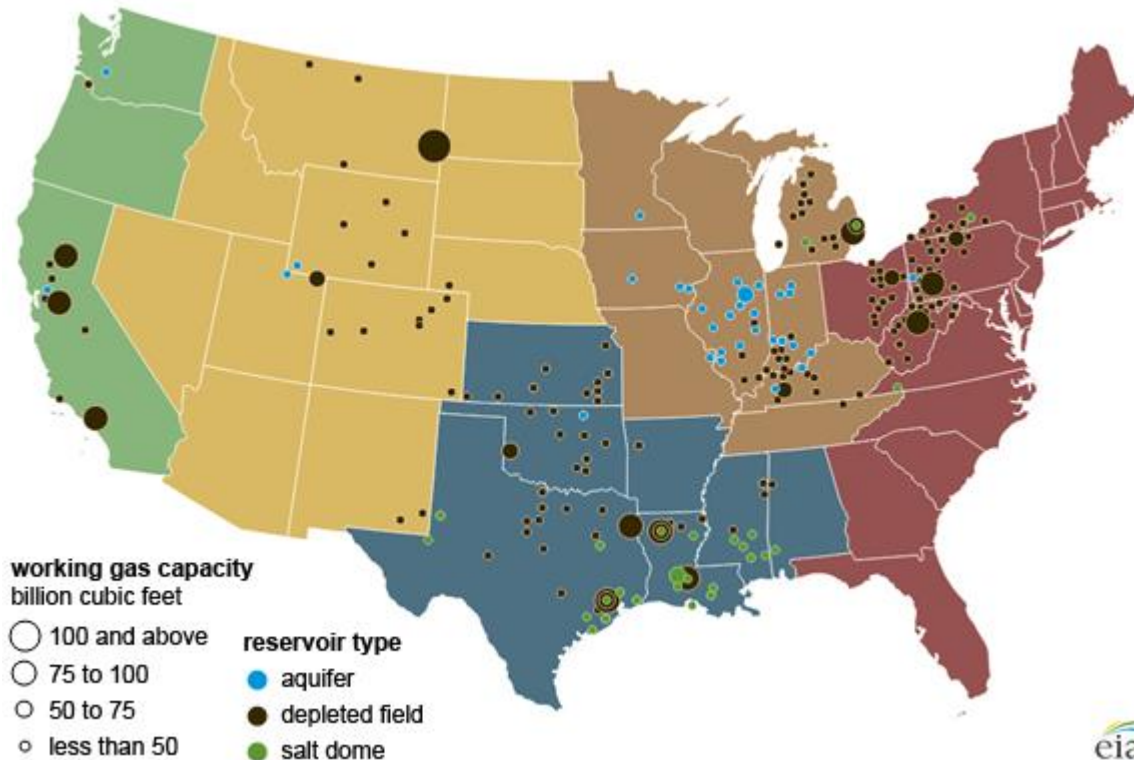
Regional S/D Models Storage Projection

Week Ending 14-Oct

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	16.0	-0.4	15.6	109
East	1.1	2.7	3.8	26
Midwest	3.7	0.4	4.1	29
Mountain	4.8	-4.4	0.4	3
South Central	6.0	1.3	7.3	51
Pacific	0.4	-0.5	0.0	0

*Adjustment Factor is calculated based on historical regional deltas

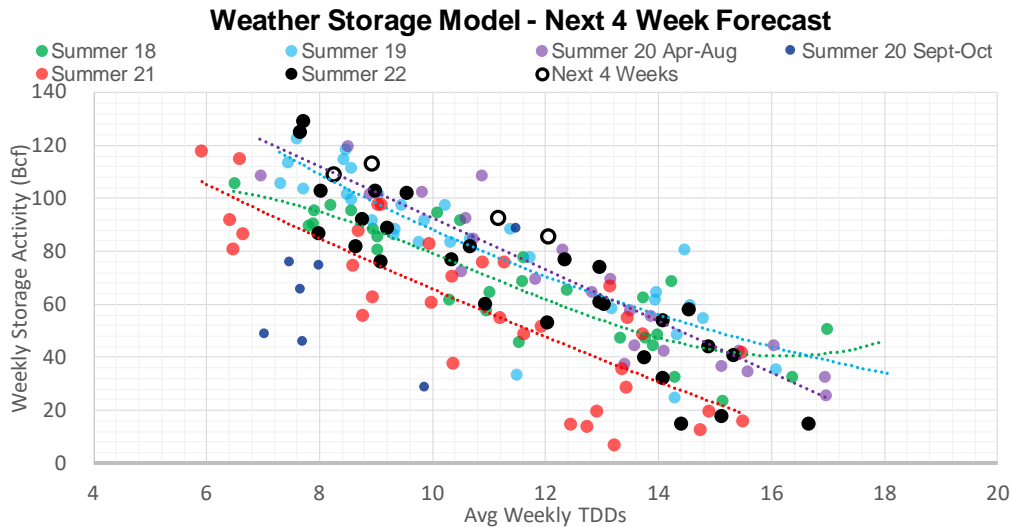
U.S. underground natural gas storage facilities by type (July 2015)



Weather Model Storage Projection

Next report
and beyond

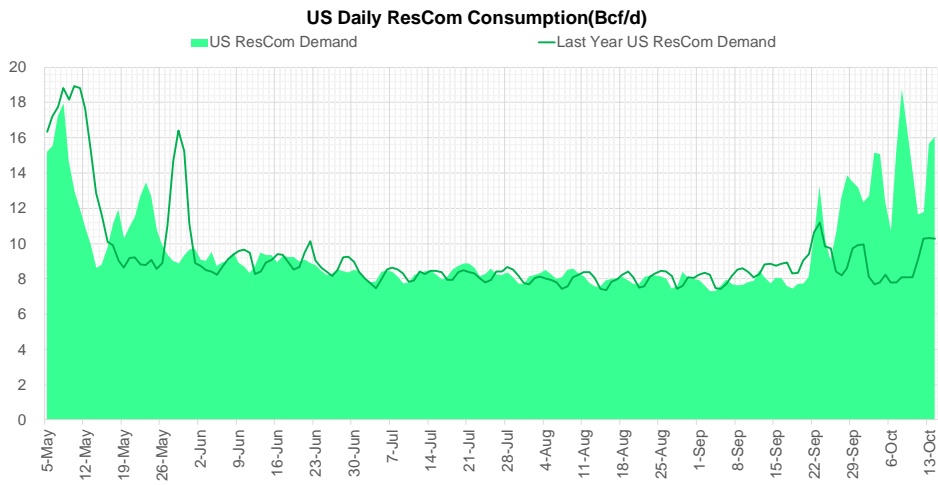
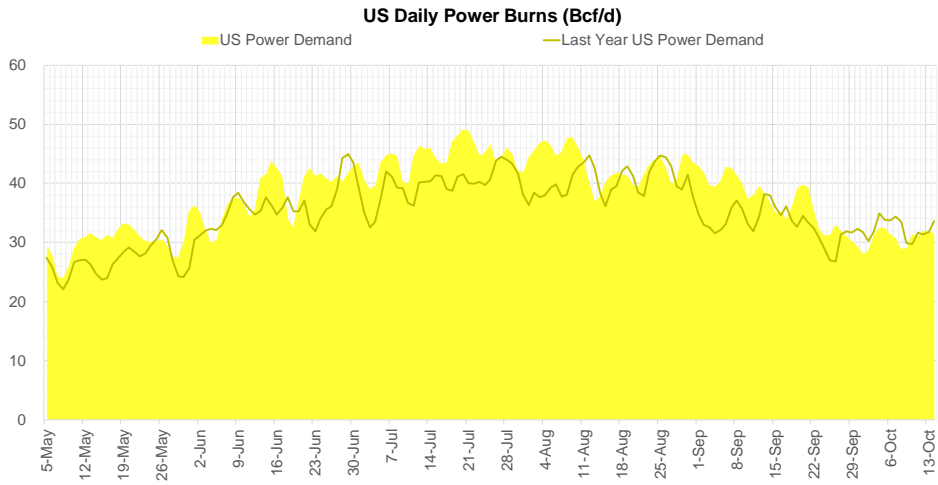
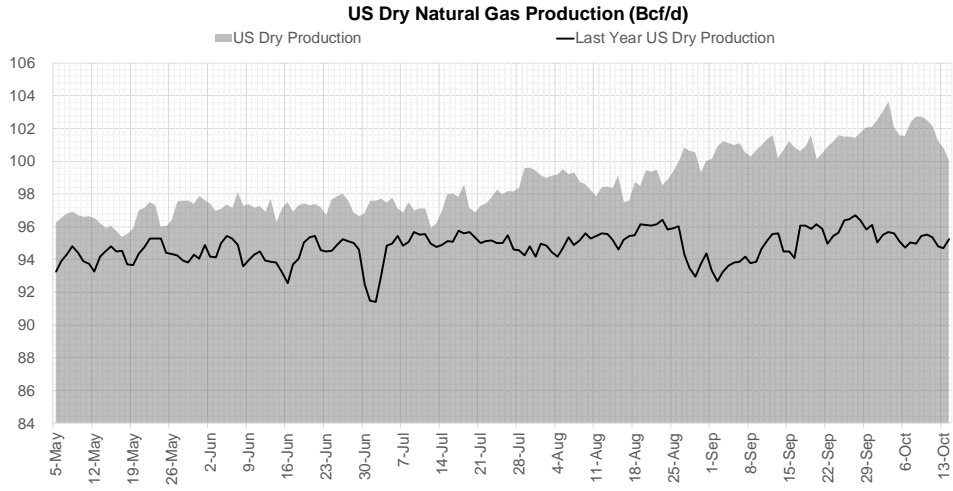
Week Ending	GWDDs	Week Storage Projection
14-Oct	8.3	109
21-Oct	11.2	92
28-Oct	9.0	113
04-Nov	12.1	85



Go to larger image



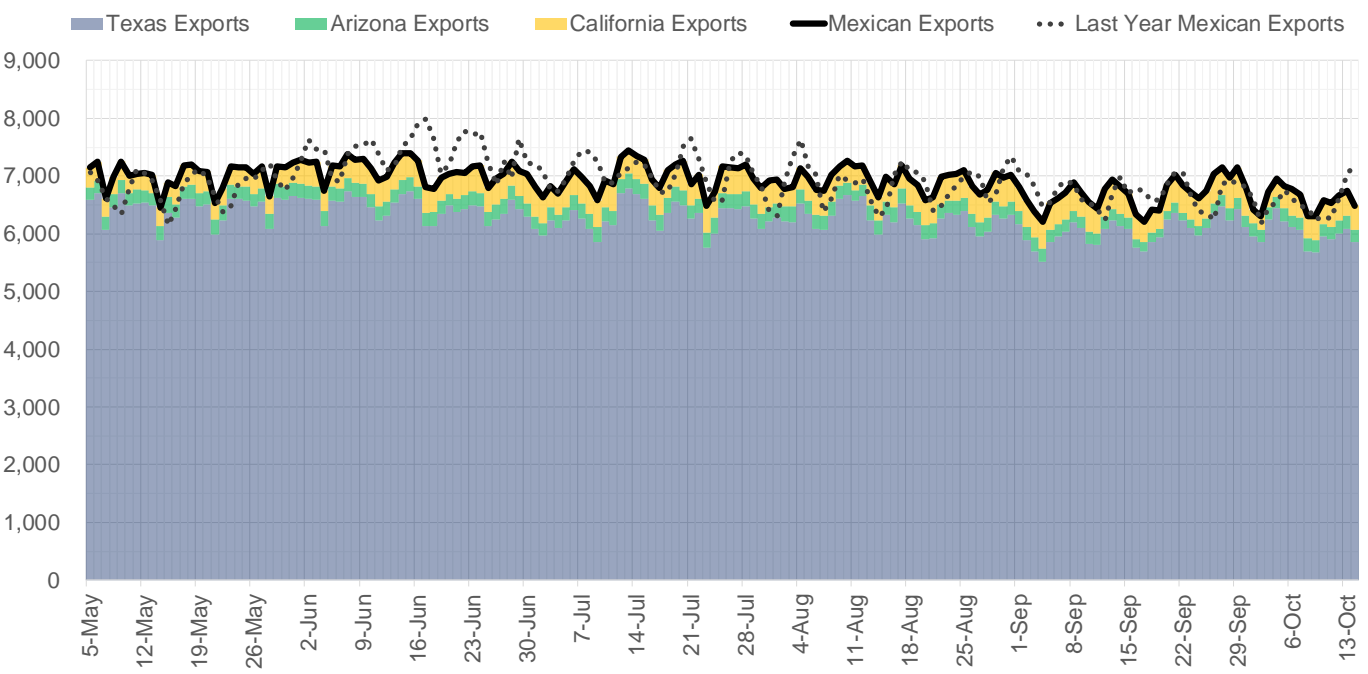
Supply – Demand Trends



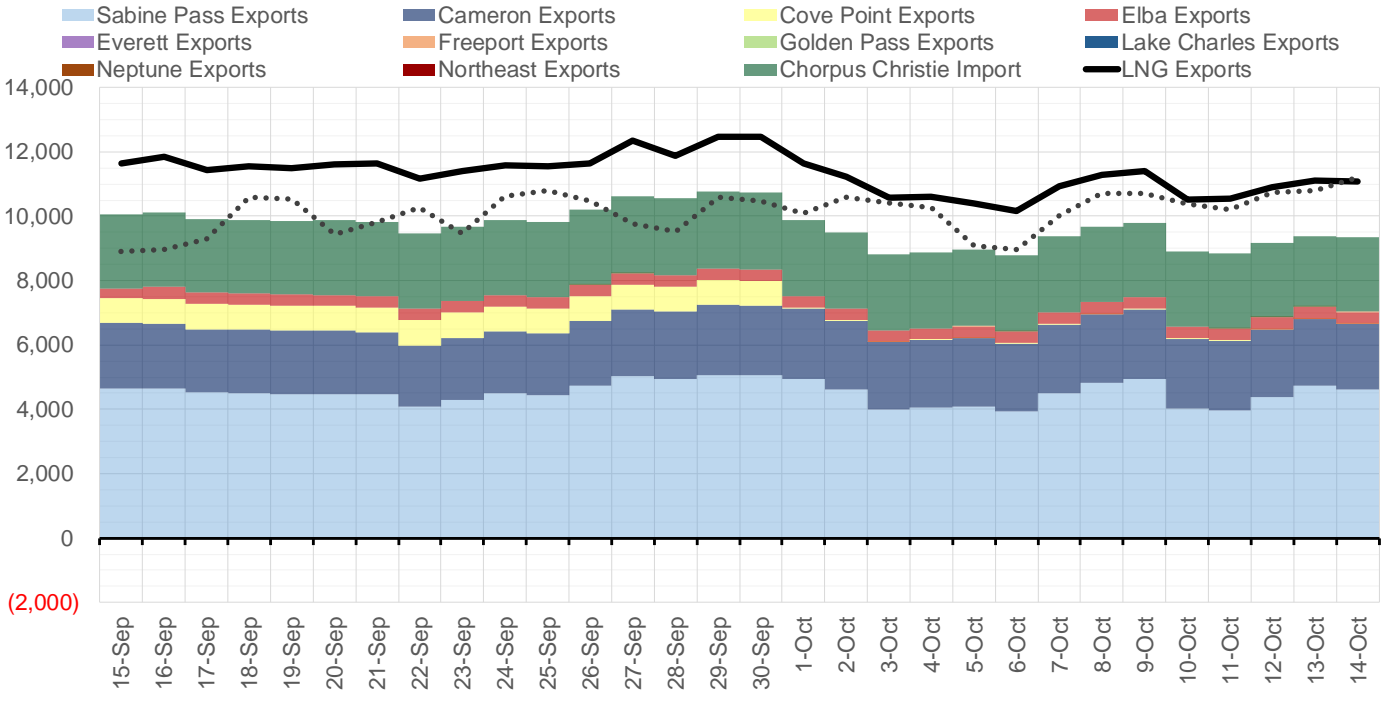
Source: Bloomberg

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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

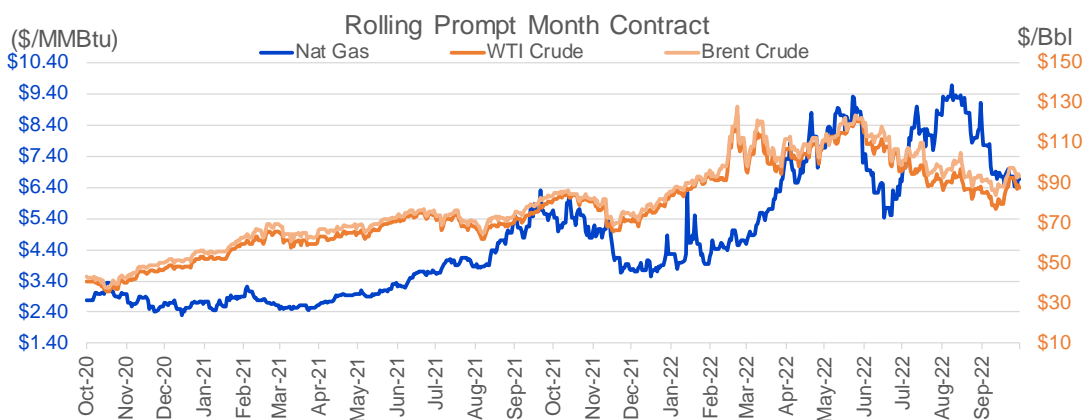
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
11	2022	P	5.50	9939	12	2022	P	5.00	25860
11	2022	P	5.25	7520	11	2022	C	10.00	25539
11	2022	P	5.75	6825	12	2022	P	4.00	25345
11	2022	P	6.00	6175	12	2022	P	6.00	24601
11	2022	C	10.00	4625	11	2022	P	4.00	24595
1	2023	C	10.00	3081	3	2023	C	10.00	24153
11	2022	P	5.00	2638	11	2022	P	6.00	23816
1	2023	C	20.00	2479	5	2023	P	2.00	23237
12	2022	P	4.50	2462	11	2022	C	8.00	21544
11	2022	P	6.80	2442	4	2023	P	3.00	21184
3	2023	C	10.00	2008	1	2023	C	10.00	20674
11	2022	P	6.50	1989	11	2022	P	5.00	20396
11	2022	C	7.00	1928	10	2023	P	3.00	20394
11	2022	P	6.25	1770	11	2022	P	5.50	20153
11	2022	C	8.00	1598	3	2023	P	4.00	20055
12	2022	P	6.00	1507	3	2023	P	3.00	19211
3	2023	P	4.00	1502	10	2023	P	2.50	19100
12	2022	P	5.00	1366	3	2023	C	20.00	18980
12	2022	P	4.00	1277	4	2023	P	3.50	18716
11	2022	C	7.50	1197	12	2022	C	5.00	18227
1	2023	P	4.00	1097	10	2023	P	4.00	17791
12	2022	C	17.00	1051	1	2023	P	4.00	17512
4	2023	C	6.00	1020	11	2022	C	12.00	17420
12	2022	C	9.00	939	2	2023	C	9.00	17255
6	2023	P	4.00	900	6	2023	P	3.00	17255
12	2022	P	5.25	849	12	2022	P	5.50	17141
12	2022	C	14.00	815	2	2023	C	10.00	17093
6	2023	P	3.50	815	5	2023	P	3.00	17058
11	2022	P	6.90	814	12	2022	C	10.00	16820
12	2022	C	18.00	800	5	2023	P	3.50	16690
3	2023	P	3.00	800	4	2023	P	4.00	16548
3	2023	P	6.00	800	11	2022	P	6.50	16489
3	2023	C	14.00	788	3	2023	P	2.75	16470
11	2022	C	6.50	771	9	2023	P	4.00	16271
4	2023	P	3.50	715	4	2023	P	2.00	16248
3	2023	C	9.00	700	12	2022	C	4.00	16195
2	2023	C	12.00	661	11	2022	C	4.00	15755
4	2023	P	4.00	660	8	2023	P	3.50	15747
11	2022	C	9.00	649	6	2023	P	3.50	15740
2	2023	C	9.00	640	7	2023	P	3.50	15715
12	2022	C	12.00	609	9	2023	P	3.50	15705
12	2022	C	8.50	601	10	2023	P	3.50	15680
1	2023	C	15.00	586	10	2023	P	2.00	15498
11	2022	C	7.25	558	7	2023	P	3.00	15365
11	2022	C	8.50	557	1	2023	P	5.00	15216
12	2022	P	6.50	555	7	2023	P	4.00	15179
1	2023	P	6.00	500	12	2022	P	7.00	15170
4	2023	C	5.50	500	8	2023	P	3.00	15165
4	2023	P	2.50	500	9	2023	P	3.00	15165
					5	2023	P	4	14893

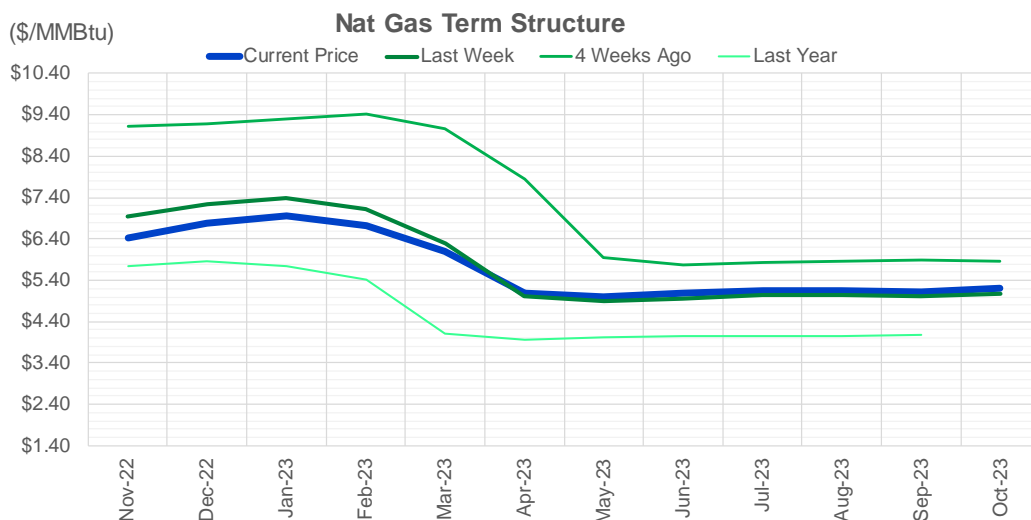
Source: CME, ICE

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
NOV 22	90635	106261	-15626	NOV 22	67487	66923	564
DEC 22	80409	76612	3797	DEC 22	75998	76433	-435
JAN 23	120765	112187	8578	JAN 23	72079	72714	-635
FEB 23	51665	51043	622	FEB 23	66275	65868	407
MAR 23	88148	85619	2529	MAR 23	58172	58528	-356
APR 23	77491	76923	568	APR 23	55183	54910	273
MAY 23	83522	83148	374	MAY 23	55817	55756	62
JUN 23	24901	24415	486	JUN 23	46816	46600	216
JUL 23	29316	28989	327	JUL 23	46735	46523	212
AUG 23	21058	20948	110	AUG 23	44918	44922	-4
SEP 23	27576	27245	331	SEP 23	42406	42160	246
OCT 23	53744	53894	-150	OCT 23	55877	55614	263
NOV 23	22365	22341	24	NOV 23	47385	47341	44
DEC 23	22208	22155	53	DEC 23	40092	39955	136
JAN 24	33997	34104	-107	JAN 24	44396	44422	-26
FEB 24	9924	9660	264	FEB 24	30958	30958	0
MAR 24	20030	19643	387	MAR 24	35508	35629	-121
APR 24	18568	18122	446	APR 24	29886	29867	20
MAY 24	8370	8282	88	MAY 24	28385	28306	79
JUN 24	3070	3071	-1	JUN 24	25788	25688	100
JUL 24	3983	3991	-8	JUL 24	25379	25247	132
AUG 24	3849	3833	16	AUG 24	25141	25010	131
SEP 24	2464	2460	4	SEP 24	24766	24663	103
OCT 24	8647	8817	-170	OCT 24	28774	28785	-11
NOV 24	4907	4916	-9	NOV 24	26147	26144	3
DEC 24	8268	8273	-5	DEC 24	30048	30080	-32
JAN 25	17504	17447	57	JAN 25	23250	23251	-1
FEB 25	1684	1684	0	FEB 25	15689	15702	-14
MAR 25	5316	5316	0	MAR 25	17991	17974	17
APR 25	5345	5245	100	APR 25	16189	16217	-28

Source: CME, ICE



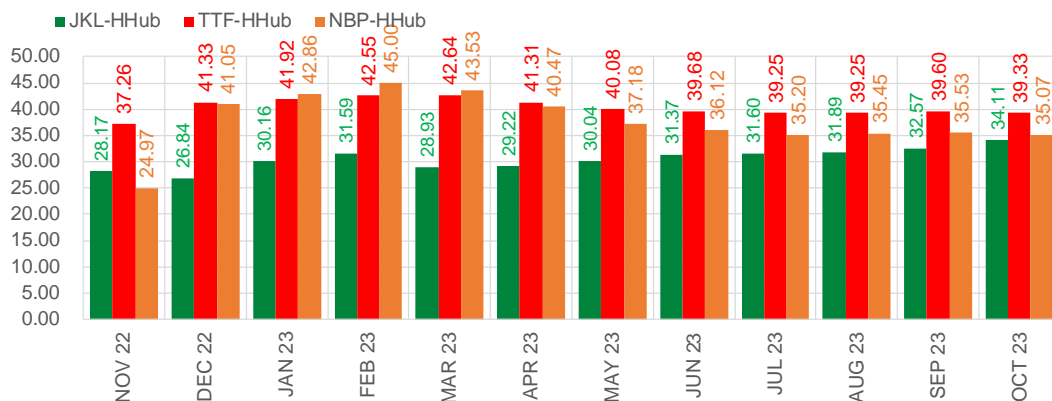
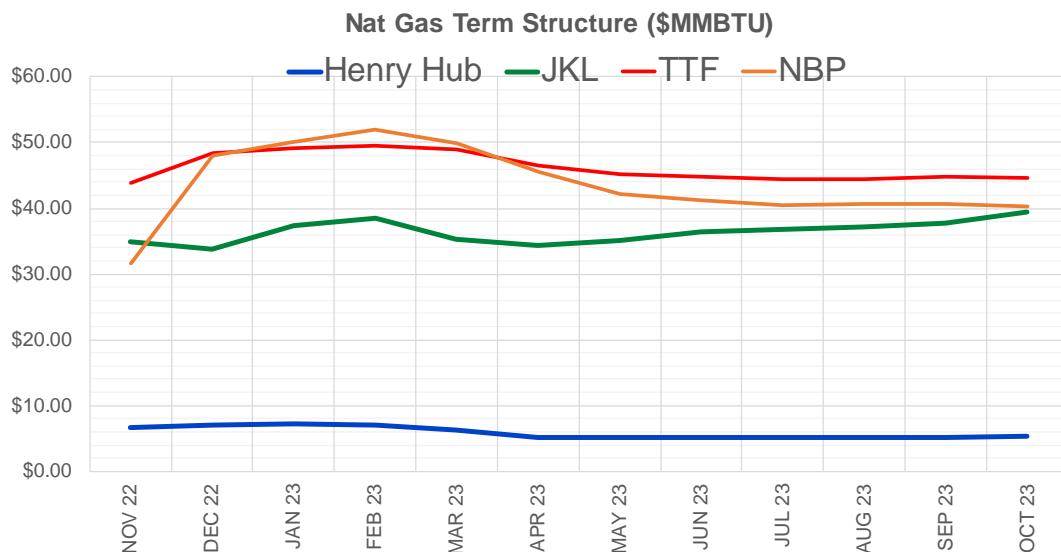


	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Current Price	\$6.435	\$6.766	\$6.953	\$6.723	\$6.110	\$5.096	\$5.004	\$5.076	\$5.150	\$5.158	\$5.126	\$5.201
Last Week	\$6.930	\$7.236	\$7.385	\$7.110	\$6.290	\$5.006	\$4.886	\$4.960	\$5.033	\$5.041	\$5.007	\$5.079
vs. Last Week	-\$0.495	-\$0.470	-\$0.432	-\$0.387	-\$0.180	\$0.090	\$0.118	\$0.116	\$0.117	\$0.117	\$0.119	\$0.122
4 Weeks Ago	\$9.114	\$9.167	\$9.310	\$9.407	\$9.073	\$7.850	\$5.954	\$5.779	\$5.823	\$5.872	\$5.882	\$5.861
vs. 4 Weeks Ago	-\$2.679	-\$2.401	-\$2.357	-\$2.684	-\$2.963	-\$2.754	-\$0.950	-\$0.703	-\$0.673	-\$0.714	-\$0.756	-\$0.660
Last Year	\$5.590	\$5.753	\$5.854	\$5.750	\$5.429	\$4.098	\$3.977	\$4.011	\$4.052	\$4.058	\$4.042	\$4.072
vs. Last Year	\$0.845	\$1.013	\$1.099	\$0.973	\$0.681	\$0.998	\$1.027	\$1.065	\$1.098	\$1.100	\$1.084	\$1.129

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	5.40	11.17	5.77
TETCO M3	\$/MMBtu	5.30	6.62	1.32
FGT Zone 3	\$/MMBtu	5.39	7.14	1.75
Zone 6 NY	\$/MMBtu	5.39	6.60	1.21
Chicago Citygate	\$/MMBtu	5.53	6.60	1.07
Michcon	\$/MMBtu	5.44	6.42	0.98
Columbia TCO Pool	\$/MMBtu	5.25	6.14	0.89
Ventura	\$/MMBtu	5.45	6.65	1.20
Rockies/Opal	\$/MMBtu	5.46	6.30	0.84
El Paso Permian Basin	\$/MMBtu	3.95	3.78	-0.17
Socal Citygate	\$/MMBtu	8.00	6.85	-1.15
Malin	\$/MMBtu	5.29	6.61	1.32
Houston Ship Channel	\$/MMBtu	5.48	6.31	0.83
Henry Hub Cash	\$/MMBtu	6.25	6.24	-0.01
AECO Cash	C\$/GJ	3.15	4.50	1.35
Station2 Cash	C\$/GJ	-1.43	7.17	8.60
Dawn Cash	C\$/GJ	5.49	6.52	1.03

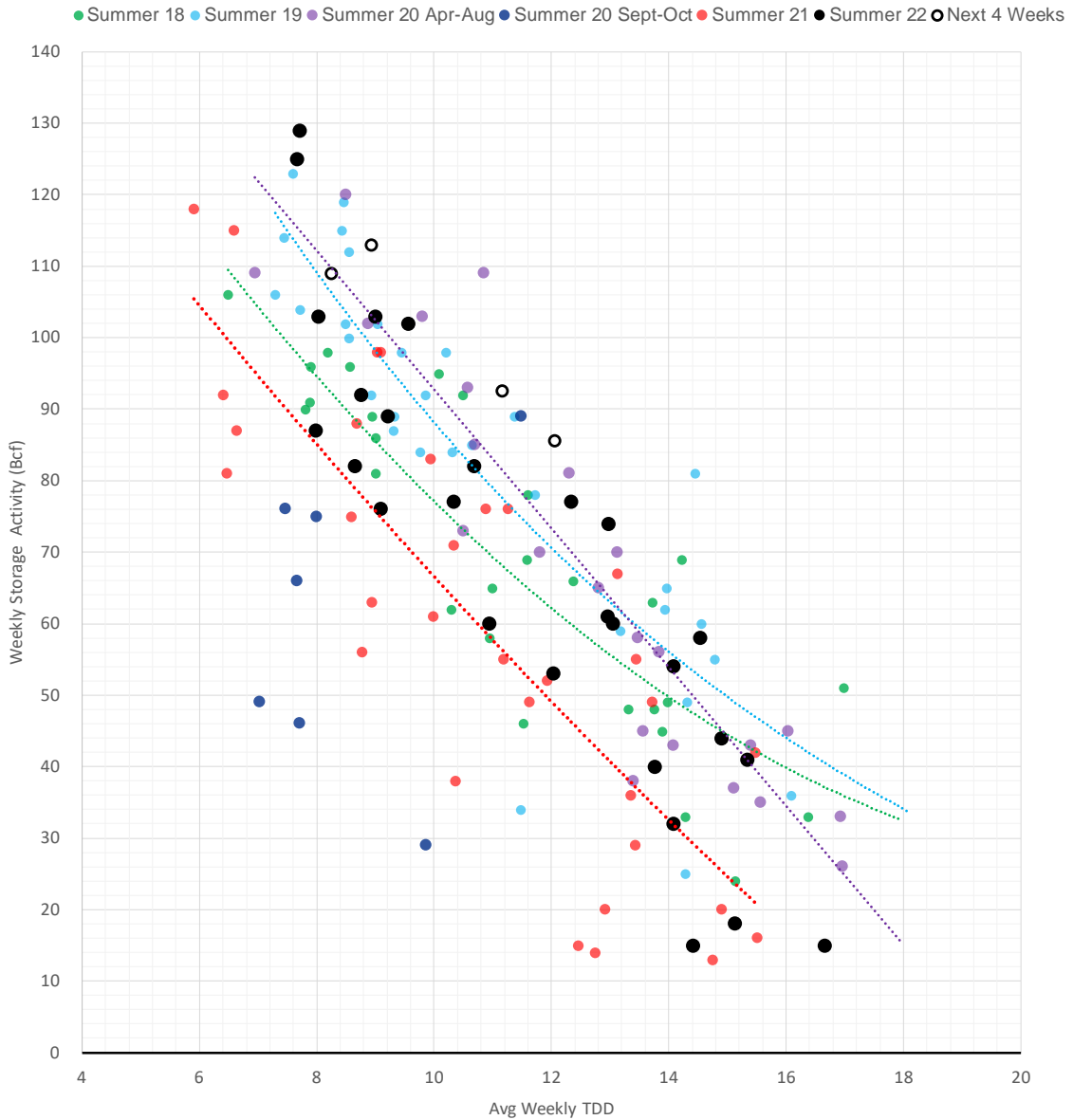
Source: CME, Bloomberg

	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 0.000
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.515
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -1.912
NatGas Apr22/Oct22	\$/MMBtu	1.532	▲ 0.000	▼ -1.456	▲ 1.563
WTI Crude	\$/Bbl	89.11	▲ 0.660	▲ 4.010	▲ 7.800
Brent Crude	\$/Bbl	94.57	▲ 0.150	▲ 3.730	▲ 10.570
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	409.48	▲ 22.990	▲ 88.960	▲ 153.340
Propane, Mt. Bel	cents/Gallon	0.85	▼ -0.065	▼ -0.195	▼ -0.613
Ethane, Mt. Bel	cents/Gallon	0.43	▲ 0.008	▼ -0.076	▼ -0.014
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			



	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23	OCT 23
Henry Hub	\$6.668	\$6.973	\$7.169	\$6.952	\$6.284	\$5.171	\$5.068	\$5.135	\$5.205	\$5.213	\$5.190	\$5.248
JKL	\$34.835	\$33.815	\$37.325	\$38.540	\$35.215	\$34.395	\$35.110	\$36.505	\$36.805	\$37.105	\$37.760	\$39.360
JKL-HHHub	\$28.167	\$26.842	\$30.156	\$31.588	\$28.931	\$29.224	\$30.042	\$31.370	\$31.600	\$31.892	\$32.570	\$34.112
TTF	\$43.924	\$48.304	\$49.093	\$49.504	\$48.922	\$46.485	\$45.151	\$44.811	\$44.459	\$44.464	\$44.790	\$44.573
TTF-HHHub	\$37.256	\$41.331	\$41.924	\$42.552	\$42.638	\$41.314	\$40.083	\$39.676	\$39.254	\$39.251	\$39.600	\$39.325
NBP	\$31.641	\$48.024	\$50.029	\$51.947	\$49.815	\$45.638	\$42.246	\$41.251	\$40.405	\$40.664	\$40.724	\$40.316
NBP-HHHub	\$24.973	\$41.051	\$42.860	\$44.995	\$43.531	\$40.467	\$37.178	\$36.116	\$35.200	\$35.451	\$35.534	\$35.068

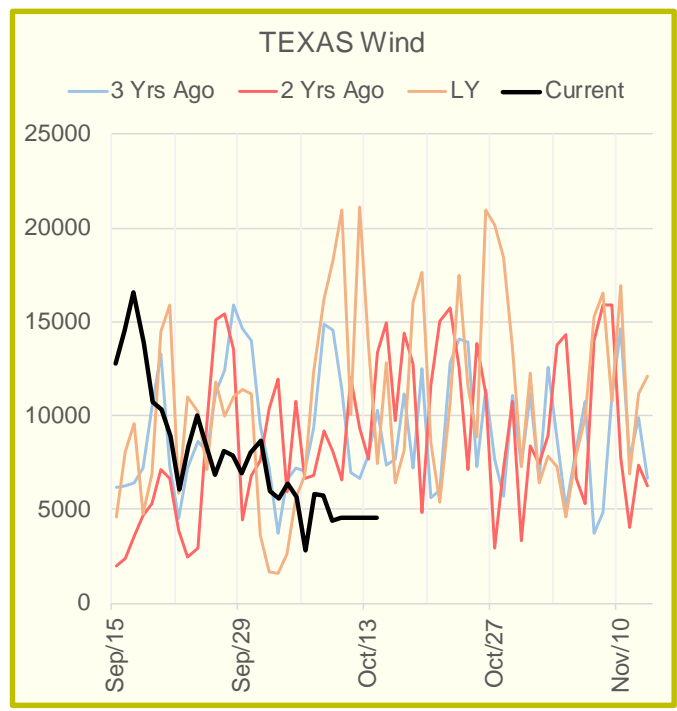
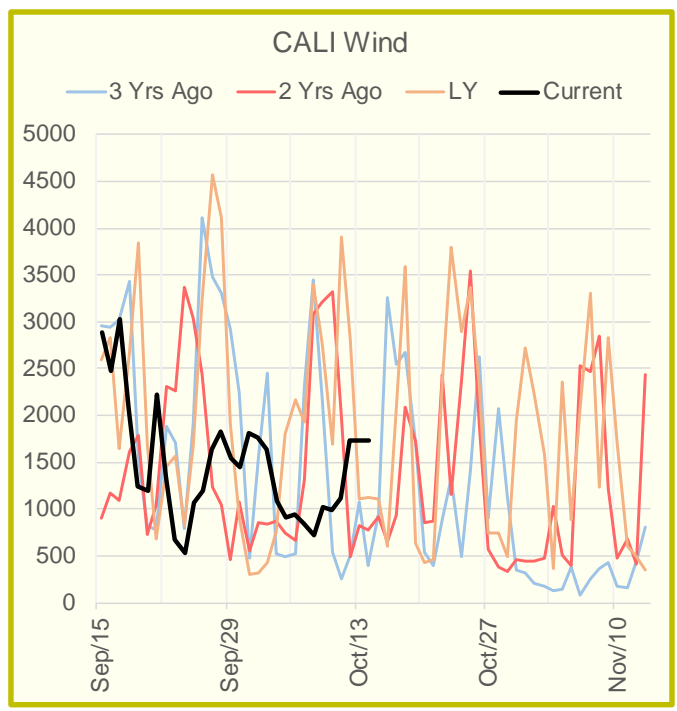
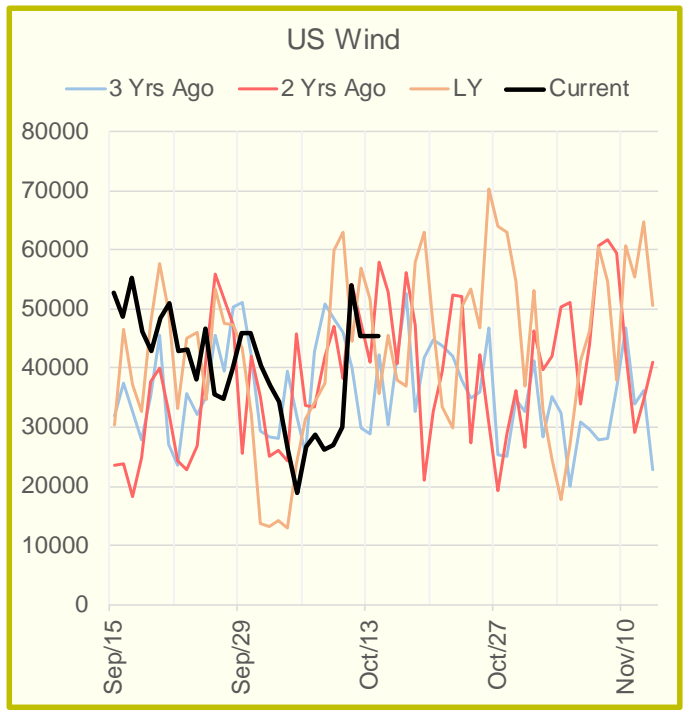
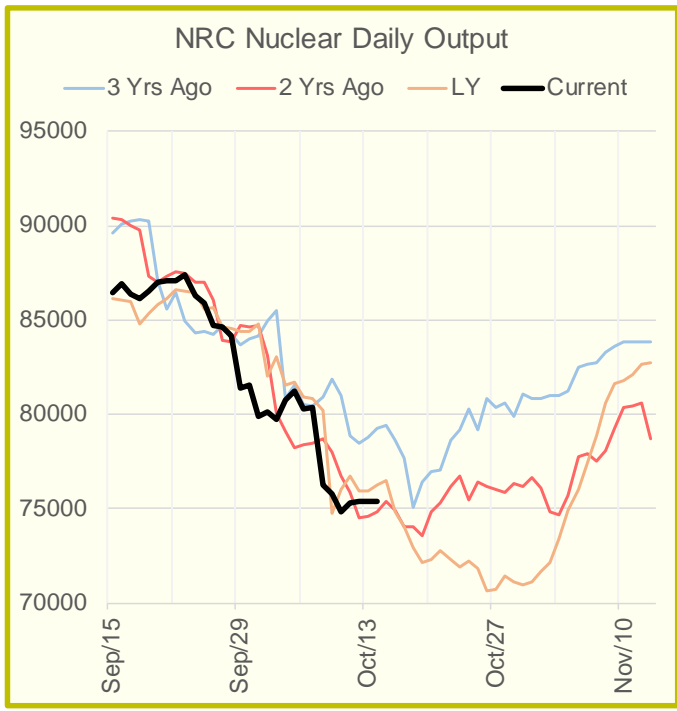
Weather Storage Model - Next 4 Week Forecast



Weather Storage Model - Next 4 Week Forecast



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