

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 8.04	▼ \$ (0.08)	▼ \$ (0.11)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 88.44	▼ \$ (0.10)	▼ \$ (6.3)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 94.21	▲ \$ 0.09	▼ \$ (8.9)

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[Lower 48 Component Models](#)

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[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

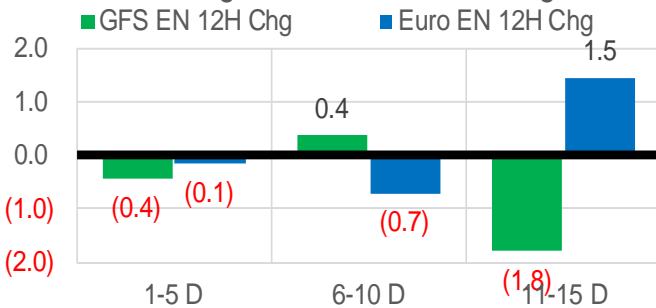
[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

[Price Summary](#)

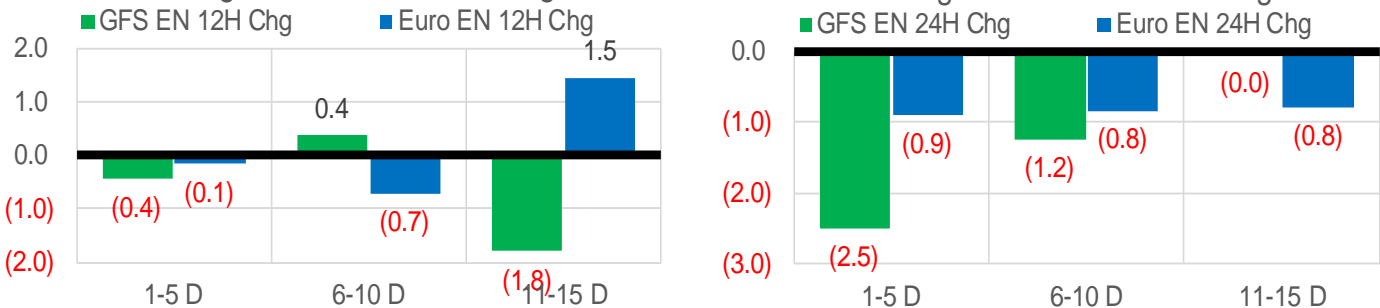
Vs. 12H Ago

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	96.9	▲ 0.01	▼ -0.80

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	43.2	▼ -2.87	▼ -0.72

	Current	Δ from YD	Δ from 7D Avg
US ResComm	8.4	▼ -0.24	▲ 0.15

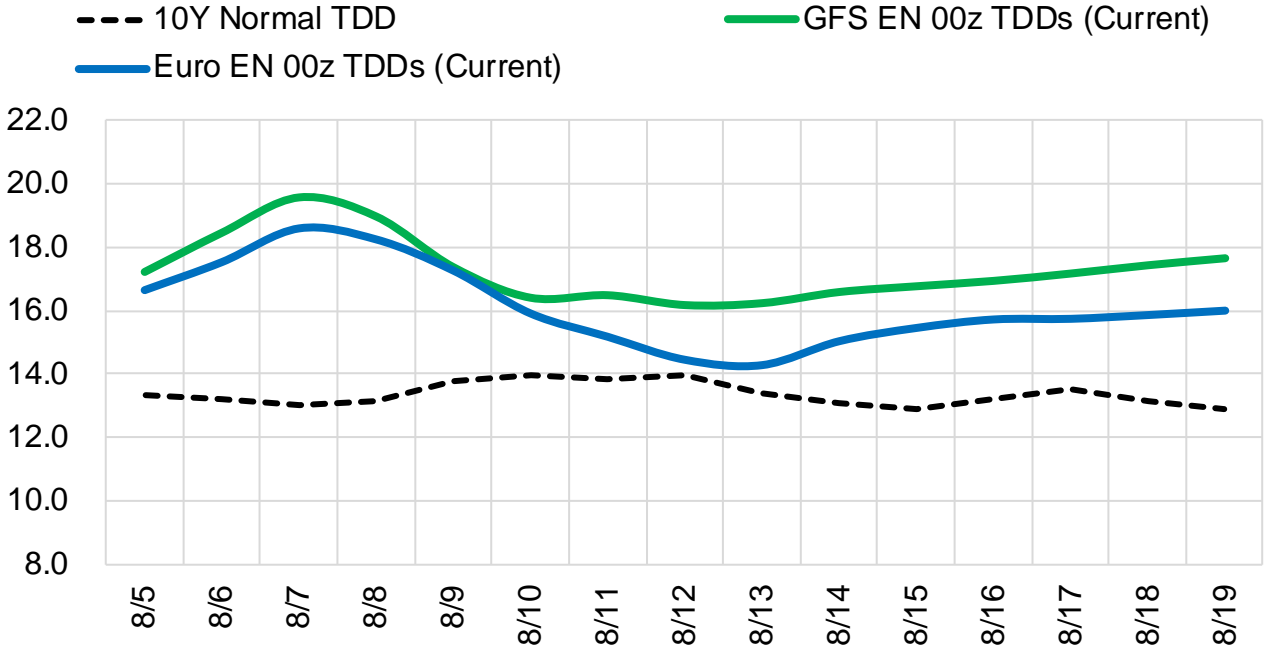
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.6	▲ 0.31	▼ -0.04

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	11.2	▲ 0.11	▲ 0.31

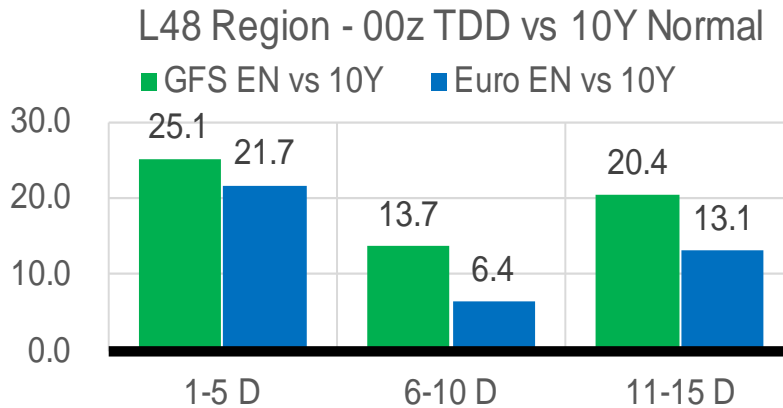
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	5.6	▼ -0.02	▼ -0.37

Short-term Weather Model Outlooks (00z)

L48 Region



Vs. 10Y Normal



Source: WSI , Bloomberg

Lower 48 Component Models

Daily Balances

	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug	4-Aug	5-Aug	DoD	vs. 7D
Lower 48 Dry Production	98.7	98.5	97.1	96.9	97.0	96.9	96.9	▲ 0.0	▼ -0.6
Canadian Imports	5.5	5.6	5.8	5.6	5.7	5.3	5.6	▲ 0.3	▼ 0.0
L48 Power	41.6	41.0	43.8	44.7	45.9	46.0	43.2	▼ -2.9	▼ -0.7
L48 Residential & Commercial	8.0	7.9	8.3	8.4	8.4	8.7	8.4	▼ -0.2	▲ 0.2
L48 Industrial	20.7	20.9	21.3	21.6	21.9	22.3	22.8	▲ 0.5	▲ 1.3
L48 Lease and Plant Fuel	5.4	5.3	5.3	5.3	5.3	5.3	5.2	▼ 0.0	▼ -0.1
L48 Pipeline Distribution	2.6	2.6	2.8	2.8	2.9	2.9	2.7	▼ -0.2	▼ 0.0
L48 Regional Gas Consumption	78.2	77.7	81.5	82.8	84.5	85.2	82.4	▼ -2.8	▲ 0.7
Net LNG Delivered	10.90	10.98	11.02	11.00	10.99	11.14	11.25	▲ 0.1	▲ 0.2
Total Mexican Exports	7.6	7.6	6.7	6.4	6.5	6.6	6.6	▼ 0.0	▼ -0.3
Implied Daily Storage Activity	7.5	7.9	3.8	2.2	0.7	-0.8	2.3		
EIA Reported Daily Storage Activity									
Daily Model Error									

EIA Storage Week Balances

	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	5-Aug	WoW	vs. 4W
Lower 48 Dry Production	97.1	97.0	96.3	96.9	97.2	97.7	▲ 0.5	▲ 0.8
Canadian Imports	5.7	5.6	6.0	6.2	5.9	5.6	▼ -0.3	▼ -0.3
L48 Power	39.7	41.0	42.9	45.5	44.7	43.9	▼ -0.8	▲ 0.4
L48 Residential & Commercial	8.5	8.4	8.4	8.7	8.6	8.3	▼ -0.3	▼ -0.2
L48 Industrial	20.3	20.1	20.5	21.0	19.4	20.7	▲ 1.3	▲ 0.4
L48 Lease and Plant Fuel	5.3	5.3	5.2	5.3	5.3	5.3	▲ 0.0	▲ 0.1
L48 Pipeline Distribution	2.6	2.6	2.7	2.9	2.8	2.8	▼ -0.1	▲ 0.0
L48 Regional Gas Consumption	76.3	77.4	79.7	83.3	80.8	80.9	▲ 0.2	▲ 0.7
Net LNG Exports	10.6	11.2	11.1	10.8	10.7	10.9	▲ 0.2	▼ 0.0
Total Mexican Exports	7.0	6.9	7.0	7.1	6.9	7.0	▲ 0.0	▼ 0.0
Implied Daily Storage Activity	8.8	7.2	4.5	1.9	4.7	4.4	-0.3	
EIA Reported Daily Storage Activity	8.6	8.3	4.6	2.1	5.9			
Daily Model Error	0.2	-1.1	0.0	-0.2	-1.2			

Monthly Balances

	2Yr Ago Aug-20	LY Aug-21	Apr-22	May-22	Jun-22	Jul-22	MTD Aug-22	MoM	vs. LY
Lower 48 Dry Production	88.8	93.8	94.9	95.8	97.0	97.0	97.0	▼ -0.1	▲ 3.2
Canadian Imports	4.9	5.1	5.8	5.1	5.7	5.9	5.6	▼ -0.3	▲ 0.5
L48 Power	41.0	40.4	25.1	29.7	36.8	43.4	45.1	▲ 1.7	▲ 4.8
L48 Residential & Commercial	7.7	7.9	22.3	12.4	9.0	8.5	8.4	▼ 0.0	▲ 0.6
L48 Industrial	20.8	21.0	20.1	19.8	20.6	20.3	21.8	▲ 1.5	▲ 0.8
L48 Lease and Plant Fuel	4.8	5.1	5.2	5.3	5.2	5.3	5.3	▲ 0.0	▲ 0.2
L48 Pipeline Distribution	2.5	2.6	2.6	2.4	2.5	2.8	2.9	▲ 0.1	▲ 0.3
L48 Regional Gas Consumption	76.9	77.0	75.3	69.6	74.2	80.2	83.5	▲ 3.3	▲ 6.5
Net LNG Exports	4.0	10.5	12.3	12.5	11.2	10.9	11.0	▲ 0.1	▲ 0.6
Total Mexican Exports	6.0	6.9	6.7	7.0	7.1	7.0	6.6	▼ -0.5	▼ -0.3
Implied Daily Storage Activity	6.7	4.6	6.4	11.9	10.2	4.8	1.5		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

	28-Jul	29-Jul	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug	DoD	vs. 7D
NRC Nuclear Daily Output	90.4	90.5	90.4	90.8	90.5	90.7	91.0	0.3	0.4
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	14.4	14.4	14.5	14.0	14.3	14.2	13.9	-0.3	-0.4
NRC % Nuclear Cap Utilization	92.0	92.0	91.9	92.4	92.1	92.2	92.5	0.3	0.4

Wind Generation Daily Average - MWh (EIA)

	28-Jul	29-Jul	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug	DoD	vs. 7D
CALI Wind	2252	2103	1542	1495	1241	2505	2464	-42	607
TEXAS Wind	15346	11674	10484	14283	14452	18136	18368	232	4306
US Wind	36656	29082	29203	41672	45047	59922	57257	-2666	16993

Generation Daily Average - MWh (EIA)

	28-Jul	29-Jul	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug	DoD	vs. 7D
Genscape Wind	37351	28445	30413	45478	46700	62700	58327	-4374	16479
US Solar	16944	17550	17318	15858	16202	18444	17673	-771	620
US Petroleum	1298	1074	741	835	1020	1285	1415	131	373
US Other	10142	10396	9926	9700	10136	10183	10478	295	398
US Coal	128289	122320	113782	112225	124876	125287	125899	613	4770
US Nuke	92134	92724	92503	92826	92732	92827	92626	-201	2
US Hydro	31140	32025	29959	28956	30470	30368	31772	1404	1285
US Gas	229554	243438	222732	209414	231667	236271	243650	7379	14804

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	5-Aug	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	88.9	90.6	91.2	90.5	90.1	90.6	0.5	-0.1
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	16.0	14.2	13.7	14.4	14.8	14.3	-0.5	
NRC % Nuclear Cap Utilization	90.4	92.2	92.7	92.0	91.6	92.1	0.5	

Wind Generation Weekly Average - MWh (EIA)

	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	5-Aug	WoW	WoW Bcf/d Impact
CALI Wind	2048	2048	2048	2048	2145	1973	-172	0.0
TEXAS Wind	22879	22879	22879	22879	18633	15109	-3523	0.6
US Wind	63443	63443	63443	63443	48440	45634	-2805	0.5
							-6%	

Generation Weekly Average - MWh (EIA)

	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	5-Aug	WoW	WoW Bcf/d Impact
						est.		
Genscape Wind	45558	42730	34294	40237	44926	47199	2273	-0.4
US Solar	19728	19728	19728	19728	18148	17245	-903	0.2
US Petroleum	1333	1333	1333	1333	1290	1112	-178	0.0
US Other	9775	9775	9775	9775	10042	10185	143	0.0
US Coal	119543	119543	119543	119543	124838	121470	-3368	0.6
US Nuke	90696	90696	90696	90696	91633	92695	1062	-0.2
US Hydro	39690	39690	39690	39690	34445	30760	-3685	0.7
US Gas	220700	220700	220700	220700	227720	232975	5255	0.9

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	May-22	Jun-22	Jul-22	Aug-22			
NRC Nuclear Daily Output	91.2	90.3	81.7	88.5	90.6	90.5	90.6	-0.1	0.2
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	13.7	14.5	23.2	16.3	14.3	14.4	14.3	0.1	-0.2
NRC % Nuclear Cap Utilization	92.7	91.9	83.0	90.0	92.1	92.0	92.1	-0.1	0.2

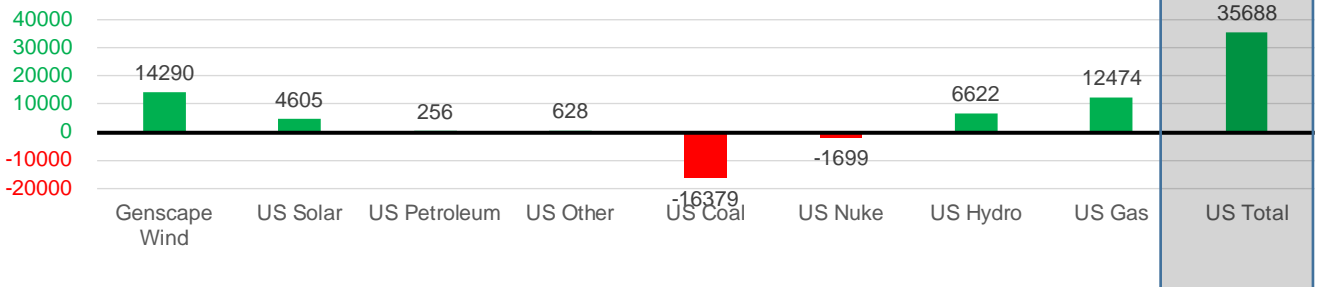
Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	May-22	Jun-22	Jul-22	Aug-22			
CALI Wind	2687	2310	3361	2724	2037	2227	2067	190	-243
TEXAS Wind	8983	7453	16756	19072	20882	17539	19925	-3343	12472
US Wind	30791	28395	56462	54014	57140	55348	55580	-1792	27186

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	May-22	Jun-22	Jul-22	Aug-22			
Genscape Wind	31130	27548	56803	47280	39988	56876	41838	▼15038.3	▲14290
US Solar	12257	14106	18186	19216	19098	17533	18712	▲1178.8	▲4605
US Petroleum	1649	1018	518	1204	1280	1310	1274	▼-36	▲256
US Other	9913	9328	7724	8994	9858	10351	9957	▼-394	▲628
US Coal	121280	137819	85273	109706	120406	125572	121440	▼-4132	▼-16379
US Nuke	93409	93145	85496	91073	91100	92688	91445	▼-1242	▼-1699
US Hydro	31747	29496	31369	38153	37598	31231	36119	▲4888	▲6622
US Gas	232127	213493	157565	204668	222720	239777	225967	▼-14776	▲12474
US Total	530969	526740	443965	530484	561182	575596	562427	▼-14513	▲35688

Last 30 days YoY



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

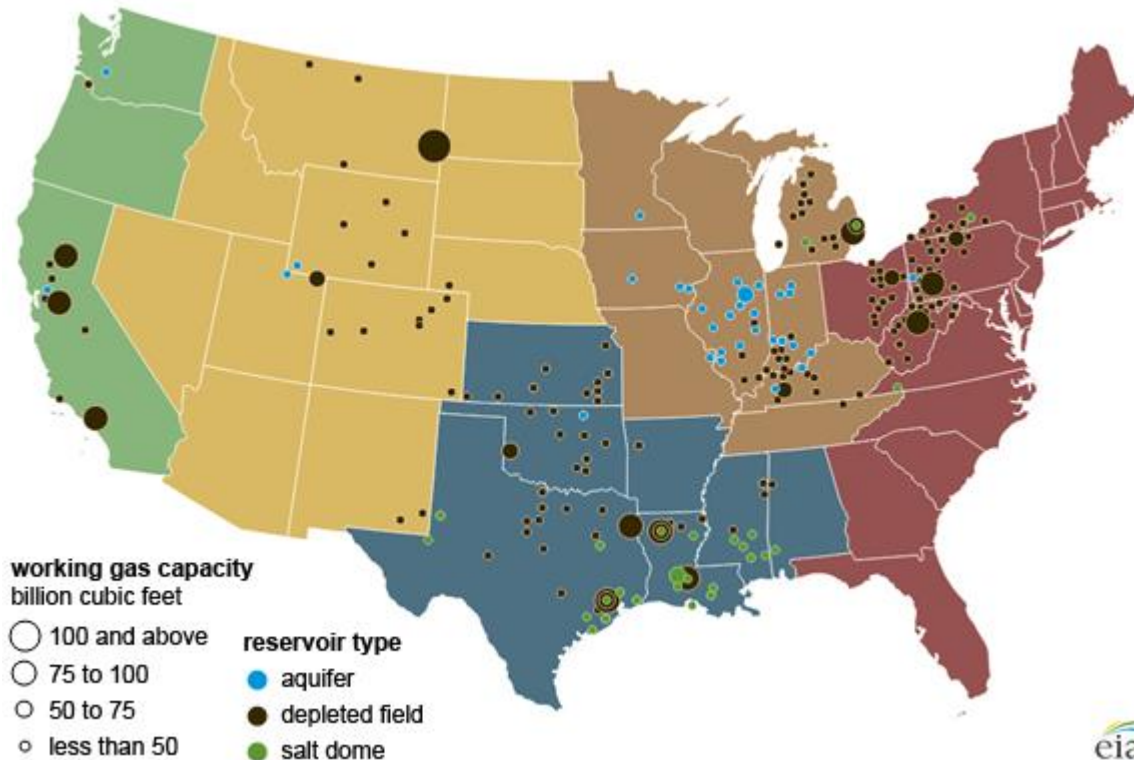
Regional S/D Models Storage Projection

Week Ending 5-Aug

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	5.5	-0.3	5.2	37
East	0.4	2.5	2.9	20
Midwest	3.9	-0.6	3.2	23
Mountain	4.6	-4.2	0.4	3
South Central	-3.7	2.9	-0.8	-6
Pacific	0.5	-0.9	-0.5	-3

*Adjustment Factor is calculated based on historical regional deltas

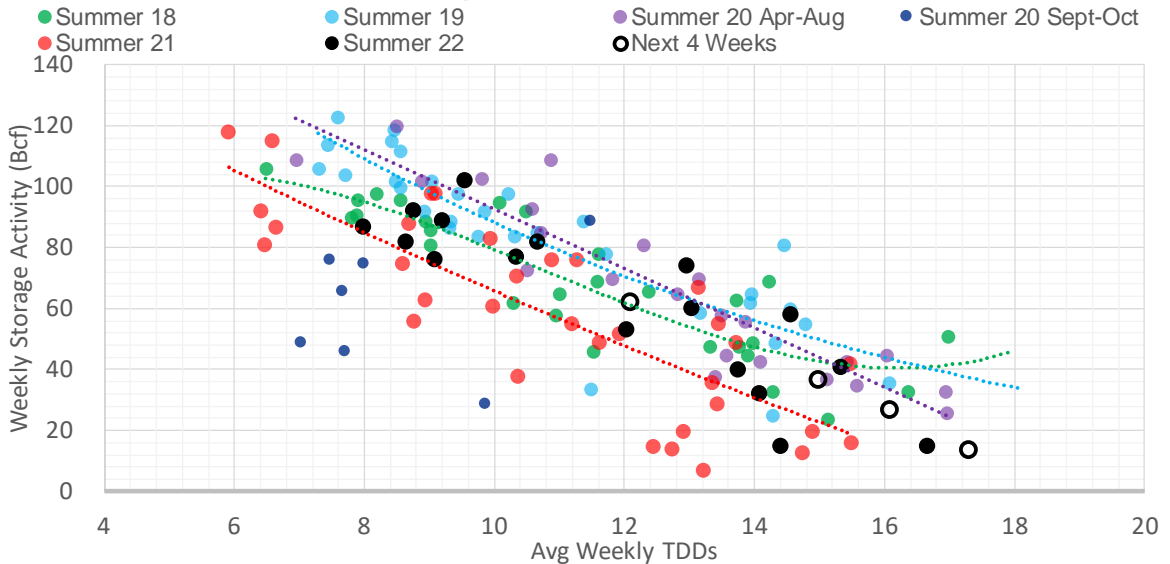
U.S. underground natural gas storage facilities by type (July 2015)



Weather Model Storage Projection

Next report and beyond		
Week Ending	GWDDs	Week Storage Projection
05-Aug	15.0	37
12-Aug	17.3	14
19-Aug	16.1	27
26-Aug	12.1	62

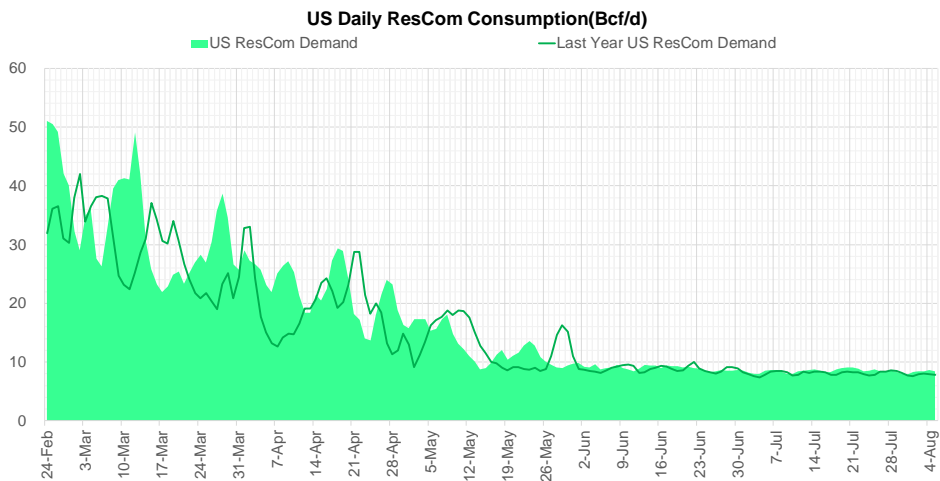
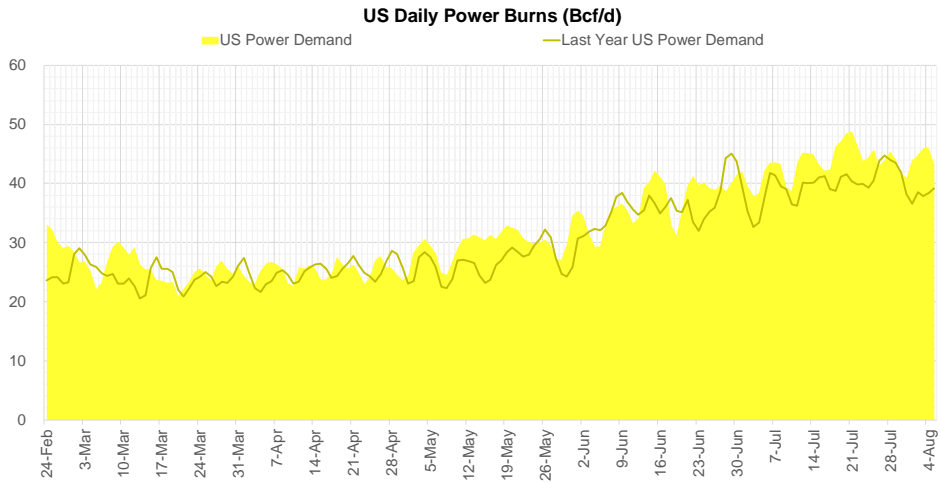
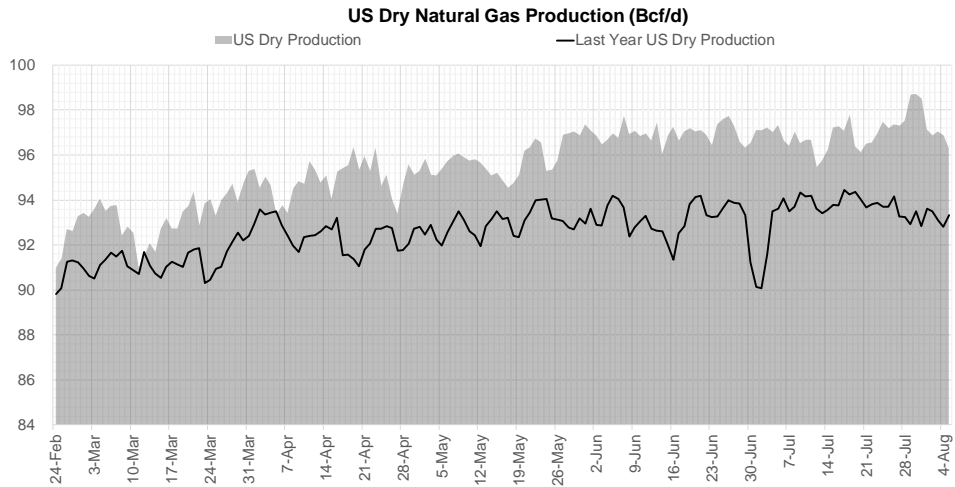
Weather Storage Model - Next 4 Week Forecast



Go to larger image



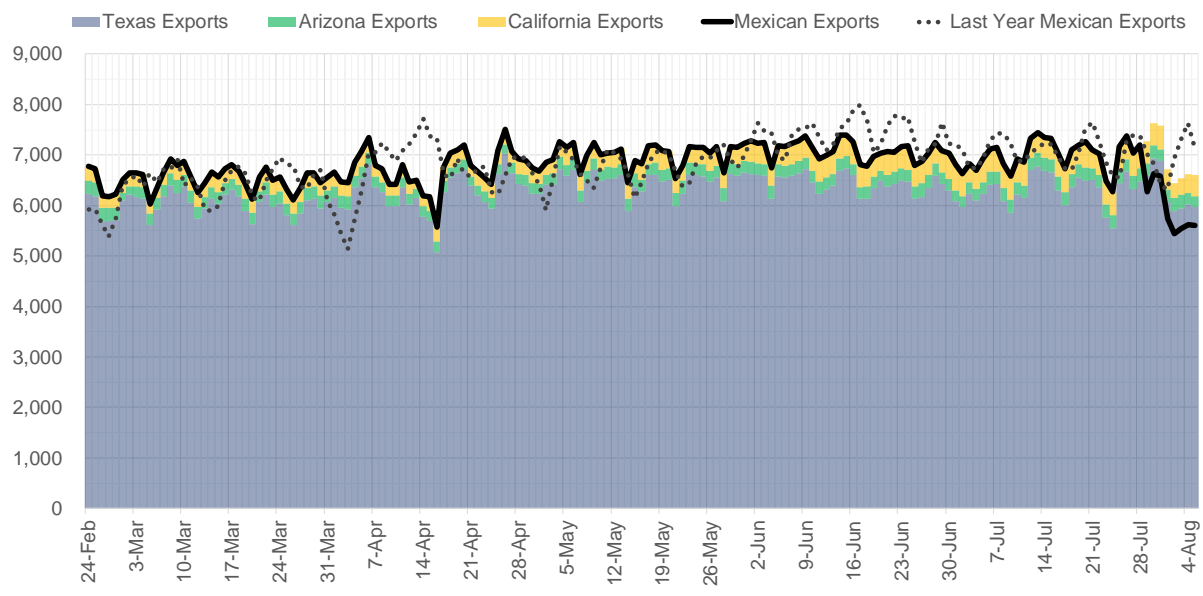
Supply – Demand Trends



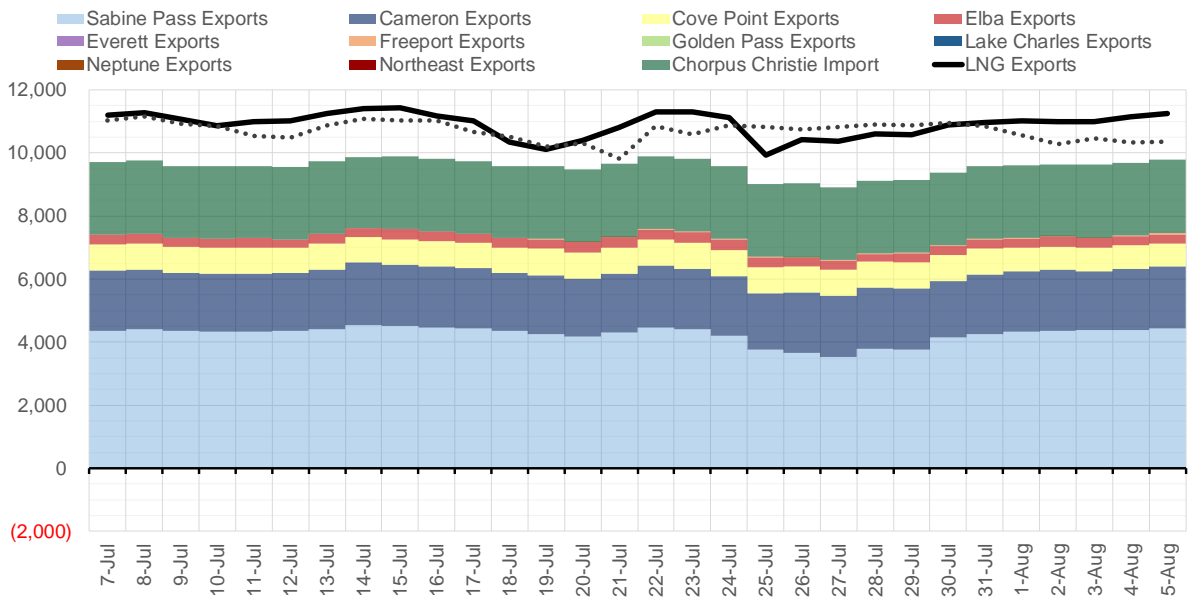
Source: Bloomberg

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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

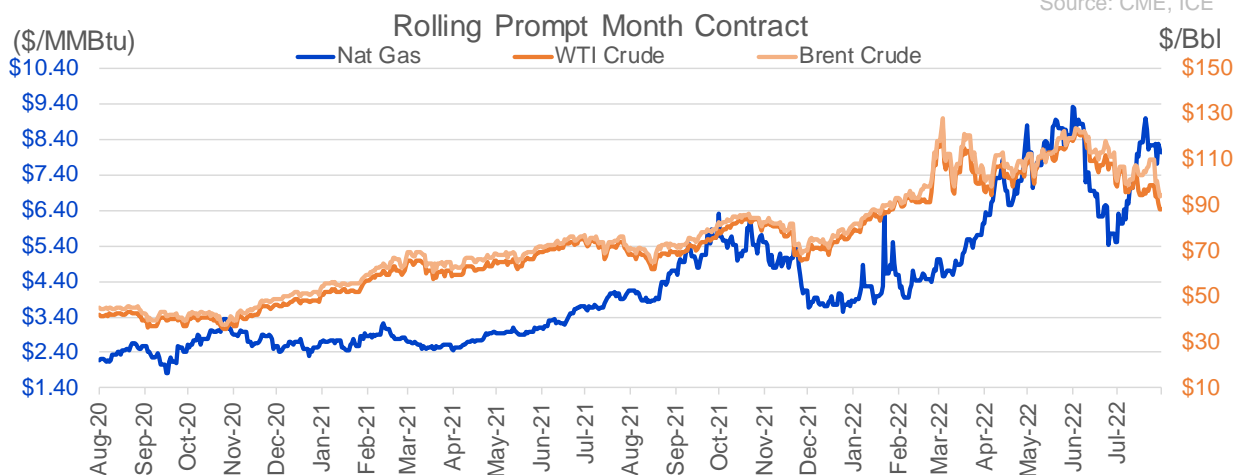
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
10	2022	C	12.00	7614	10	2022	C	6.00	36014
10	2022	C	12.50	6843	10	2022	P	3.00	35778
10	2022	P	6.00	3223	10	2022	P	2.50	28111
11	2022	P	6.00	2912	10	2022	P	6.00	25698
9	2022	C	10.00	2652	9	2022	C	6.00	24361
9	2022	P	6.50	2616	10	2022	P	5.00	23729
11	2022	P	5.00	2550	10	2022	C	5.00	23268
10	2022	P	5.00	2459	3	2023	C	10.00	22289
10	2022	P	5.50	2438	10	2022	P	3.50	21522
9	2022	C	9.00	2377	10	2022	P	4.00	20893
10	2022	C	11.00	2376	5	2023	P	2.00	20777
10	2022	C	14.00	2267	9	2022	P	4.00	20268
9	2022	C	11.00	2210	9	2022	C	7.00	19548
9	2022	P	7.50	2188	9	2022	C	10.00	19261
9	2022	P	6.00	2083	10	2022	C	10.00	18702
9	2022	C	9.50	1962	11	2022	P	4.00	18332
9	2022	C	15.00	1896	12	2022	C	5.00	18218
9	2022	P	6.25	1778	9	2022	C	9.00	18140
11	2022	C	12.00	1775	12	2022	P	5.00	18001
12	2022	P	6.25	1663	3	2023	P	3.00	17962
9	2022	C	12.00	1605	1	2023	C	10.00	17607
10	2022	P	6.25	1500	9	2022	P	6.00	17074
11	2022	P	6.25	1500	10	2022	P	2.00	16681
11	2022	C	12.10	1460	9	2022	P	3.00	16633
11	2022	P	5.50	1414	9	2022	P	5.00	16619
9	2022	C	8.50	1390	10	2022	C	8.00	16310
10	2022	P	4.50	1269	2	2023	C	10.00	16292
12	2022	P	5.50	1268	9	2022	C	4.00	15970
10	2022	C	15.00	1184	4	2023	P	3.00	15884
11	2022	P	4.50	1151	10	2023	P	2.50	15725
12	2022	P	6.00	1105	9	2022	P	2.50	15477
12	2022	P	7.50	1100	10	2022	P	3.25	15350
9	2022	C	10.50	1050	10	2023	P	2.00	15185
10	2022	P	7.50	1001	10	2022	C	7.00	15111
10	2022	P	5.60	1000	9	2022	P	2.75	14887
1	2023	C	15.00	1000	3	2023	C	20.00	14749
1	2023	P	8.00	1000	9	2022	C	9.50	14609
10	2022	C	9.00	968	10	2023	P	3.00	14435
10	2022	P	7.00	960	12	2022	C	6.00	13987
11	2022	P	7.50	959	4	2023	P	2.75	13695
10	2022	P	4.00	955	11	2022	C	8.00	13343
9	2022	P	7.00	900	9	2022	P	3.50	13312
9	2022	C	9.25	846	10	2022	C	4.00	13309
9	2022	P	8.00	807	10	2022	P	2.75	13286
11	2022	C	11.00	763	9	2022	C	3.00	13225
11	2022	P	7.00	725	2	2023	C	9.00	13220
11	2022	C	10.00	701	10	2022	C	3.00	13214
9	2022	P	6.75	687	1	2023	P	4.00	13113
11	2022	C	20.00	615	11	2022	C	10.00	13004
					1	2023	P	5	13000

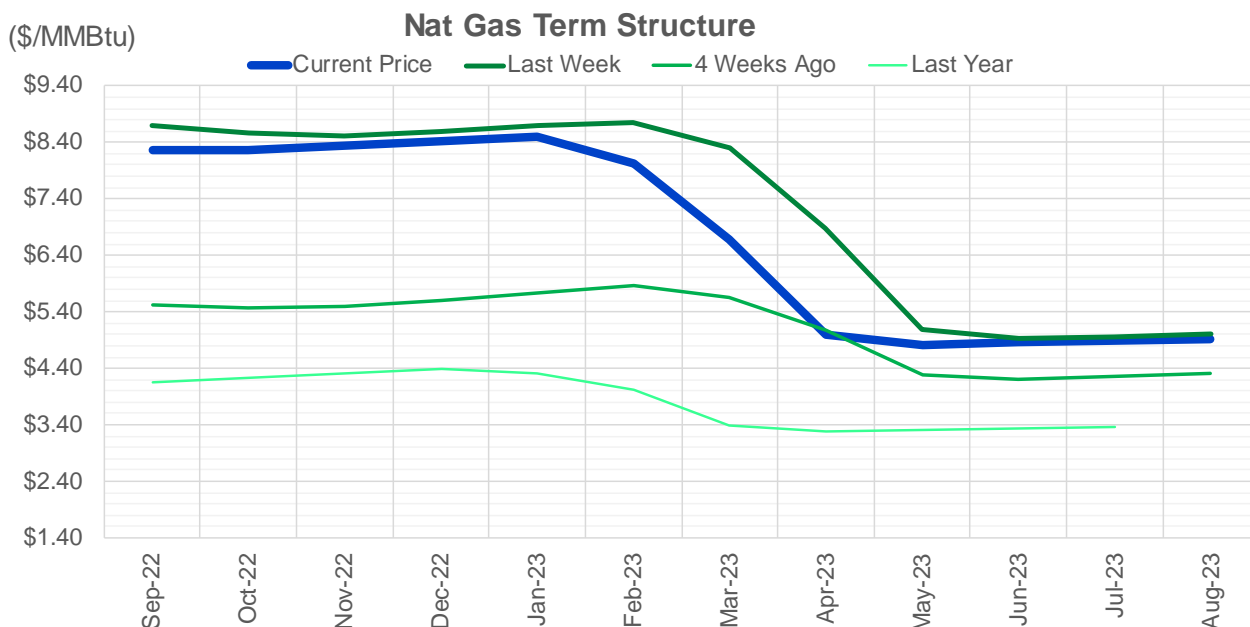
Source: CME, ICE

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
SEP 22	151328	155148	-3820	SEP 22	83384	83007	377
OCT 22	96093	95841	252	OCT 22	75333	75030	303
NOV 22	85140	84578	562	NOV 22	62932	62727	205
DEC 22	57247	56077	1170	DEC 22	65325	65188	137
JAN 23	73524	73958	-434	JAN 23	65291	65458	-167
FEB 23	35983	35346	637	FEB 23	58715	58488	227
MAR 23	52220	51111	1109	MAR 23	53121	52767	354
APR 23	69288	70008	-720	APR 23	53783	53838	-55
MAY 23	67638	67304	334	MAY 23	52770	52377	393
JUN 23	22951	23191	-240	JUN 23	46490	46443	48
JUL 23	22978	22333	645	JUL 23	44758	44757	2
AUG 23	19469	19479	-10	AUG 23	43813	43803	10
SEP 23	17550	17698	-148	SEP 23	42964	43019	-54
OCT 23	47009	47275	-266	OCT 23	49899	50161	-262
NOV 23	12935	13093	-158	NOV 23	44925	44811	114
DEC 23	11726	11721	5	DEC 23	40735	40645	90
JAN 24	17291	17512	-221	JAN 24	39848	39677	170
FEB 24	7885	7873	12	FEB 24	30170	30205	-35
MAR 24	17178	17102	76	MAR 24	34754	34692	62
APR 24	13830	13627	203	APR 24	28276	28227	49
MAY 24	6771	6774	-3	MAY 24	26922	26868	53
JUN 24	2480	2527	-47	JUN 24	23910	23848	62
JUL 24	2309	2296	13	JUL 24	23606	23545	62
AUG 24	3252	3252	0	AUG 24	23527	23464	63
SEP 24	1826	1826	0	SEP 24	23437	23377	60
OCT 24	8536	8737	-201	OCT 24	26785	26643	142
NOV 24	4733	4732	1	NOV 24	24913	24907	6
DEC 24	7557	7556	1	DEC 24	27931	27913	18
JAN 25	15992	15988	4	JAN 25	20695	20635	61
FEB 25	870	868	2	FEB 25	13968	13890	78

Source: CME, ICE





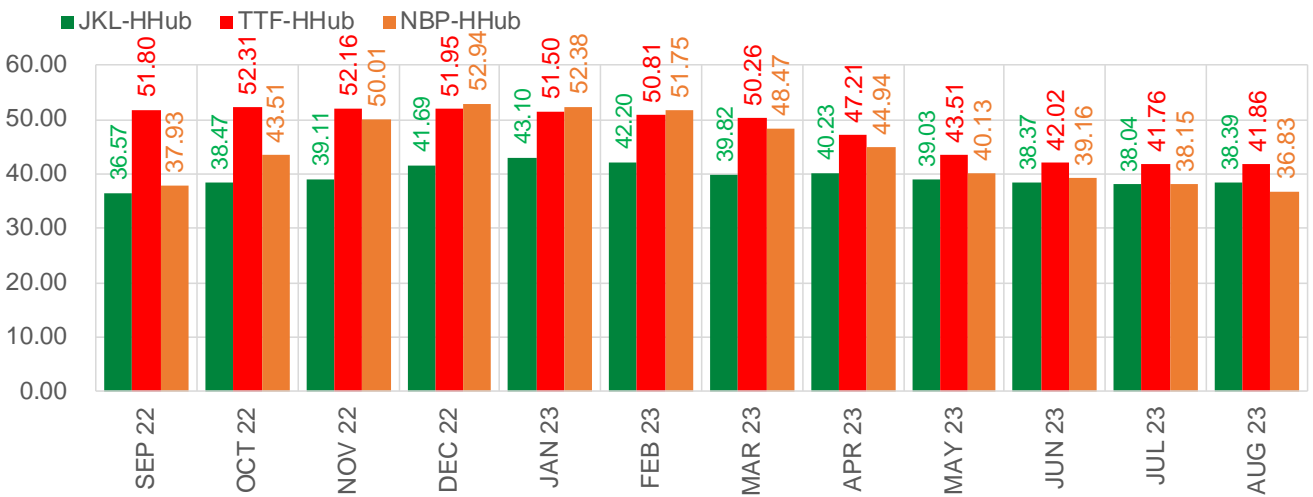
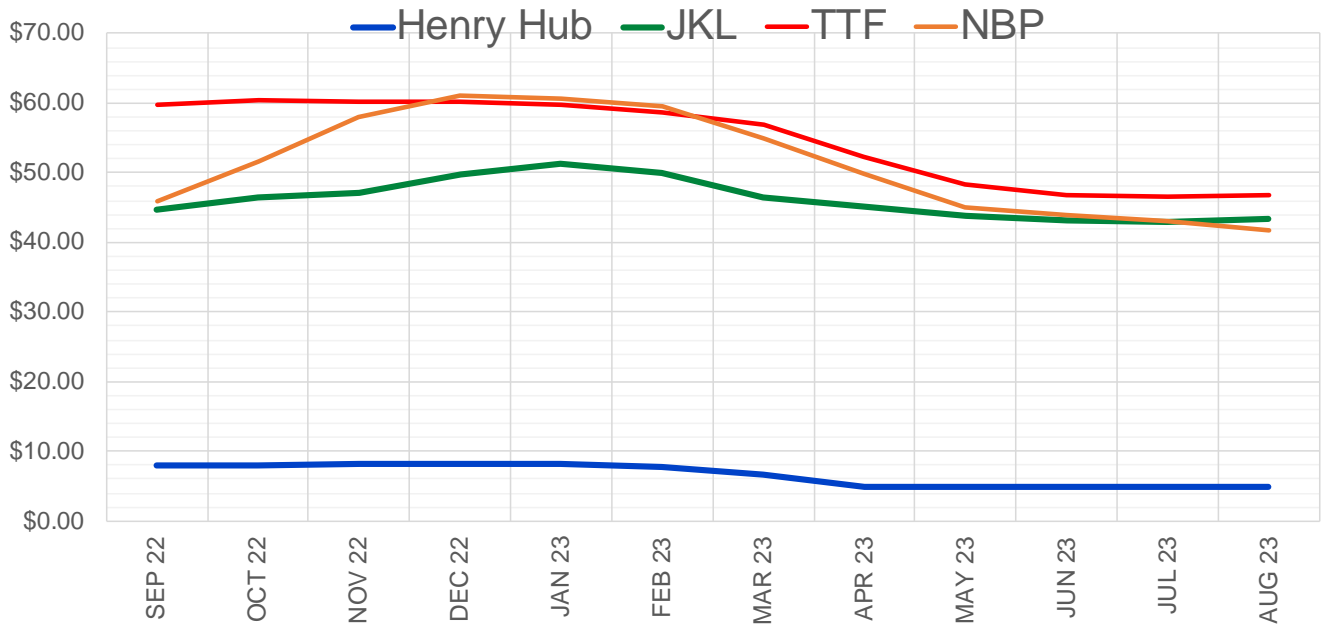
	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23
Current Price	\$8.266	\$8.262	\$8.331	\$8.429	\$8.490	\$8.035	\$6.692	\$5.002	\$4.812	\$4.853	\$4.897	\$4.911
Last Week	\$8.687	\$8.554	\$8.526	\$8.603	\$8.695	\$8.760	\$8.302	\$6.892	\$5.099	\$4.920	\$4.968	\$5.020
vs. Last Week	-\$0.421	-\$0.292	-\$0.195	-\$0.174	-\$0.205	-\$0.725	-\$1.610	-\$1.890	-\$0.287	-\$0.067	-\$0.071	-\$0.109
4 Weeks Ago	\$5.510	\$5.482	\$5.493	\$5.605	\$5.740	\$5.853	\$5.660	\$5.082	\$4.275	\$4.196	\$4.256	\$4.316
vs. 4 Weeks Ago	\$2.756	\$2.780	\$2.838	\$2.824	\$2.750	\$2.182	\$1.032	-\$0.080	\$0.537	\$0.657	\$0.641	\$0.595
Last Year	\$4.158	\$4.163	\$4.221	\$4.320	\$4.386	\$4.298	\$4.025	\$3.381	\$3.285	\$3.313	\$3.348	\$3.355
vs. Last Year	\$4.108	\$4.099	\$4.110	\$4.109	\$4.104	\$3.737	\$2.667	\$1.621	\$1.527	\$1.540	\$1.549	\$1.556

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	8.07	7.77	-0.30
TETCO M3	\$/MMBtu	7.81	7.13	-0.68
FGT Zone 3	\$/MMBtu	7.88	10.94	3.06
Zone 6 NY	\$/MMBtu	7.88	7.09	-0.79
Chicago Citygate	\$/MMBtu	7.86	7.87	0.01
Michcon	\$/MMBtu	7.87	7.82	-0.05
Columbia TCO Pool	\$/MMBtu	7.51	7.12	-0.40
Ventura	\$/MMBtu	5.95	7.75	1.80
Rockies/Opal	\$/MMBtu	8.20	7.60	-0.60
El Paso Permian Basin	\$/MMBtu	7.13	7.30	0.17
Socal Citygate	\$/MMBtu	9.90	8.49	-1.41
Malin	\$/MMBtu	8.03	7.78	-0.25
Houston Ship Channel	\$/MMBtu	7.75	7.78	0.03
Henry Hub Cash	\$/MMBtu	8.39	7.66	-0.73
AECO Cash	C\$/GJ	3.63	4.57	0.94
Station2 Cash	C\$/GJ	2.83	7.59	4.76
Dawn Cash	C\$/GJ	7.91	7.90	-0.01

Source: CME, Bloomberg

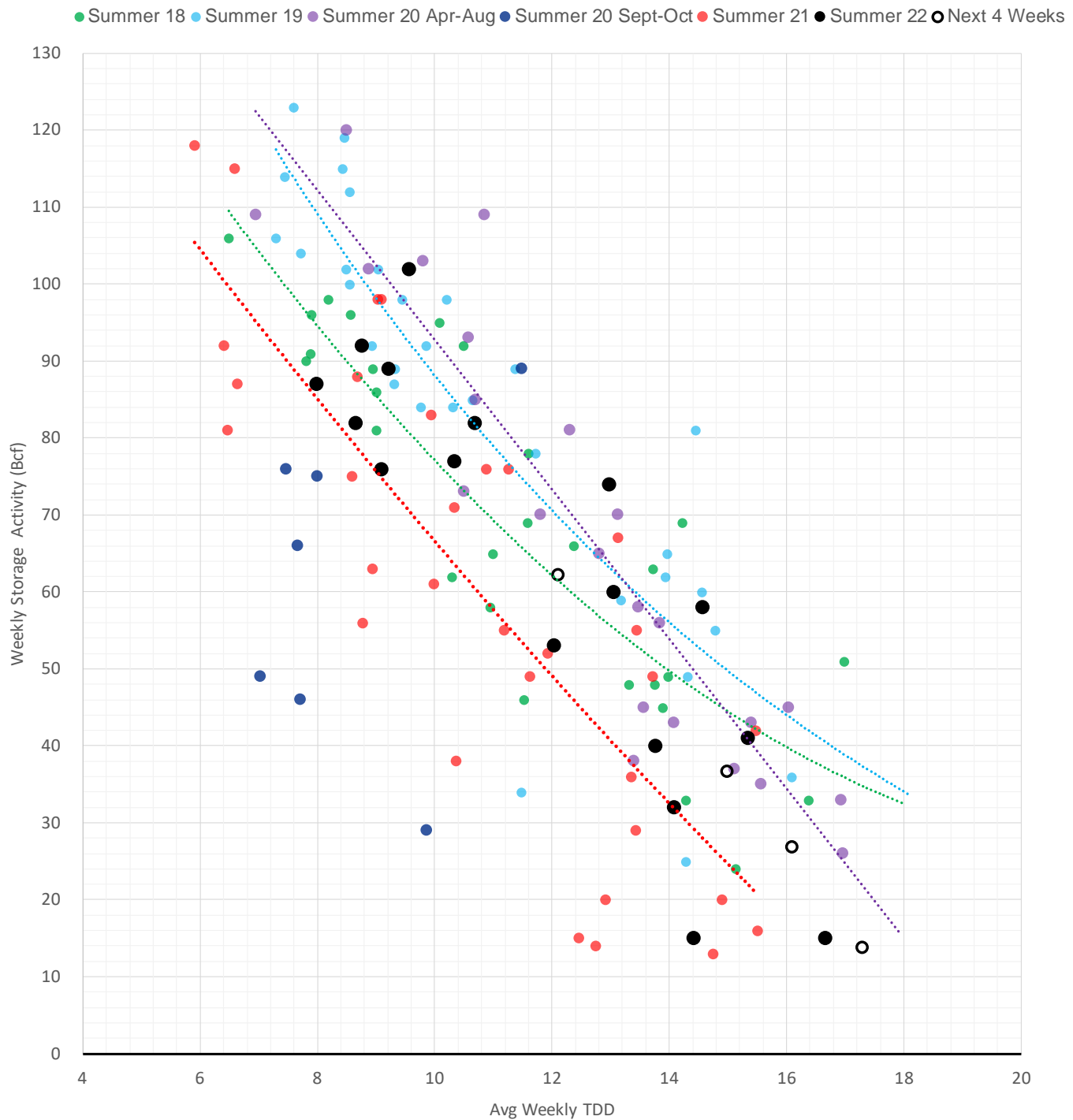
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 1.693
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.299
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.052
NatGas Apr22/Oct22	\$/MMBtu	2.778	▼ -0.004	▲ 1.861	▲ 2.799
WTI Crude	\$/Bbl	88.54	▼ -7.880	▼ -14.190	▲ 19.450
Brent Crude	\$/Bbl	94.12	▼ -13.020	▼ -10.530	▲ 22.830
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	333.72	▼ -34.910	▼ -33.670	▲ 123.120
Propane, Mt. Bel	cents/Gallon	1.08	▼ -0.059	▼ -0.097	▼ -0.005
Ethane, Mt. Bel	cents/Gallon	0.57	▼ -0.010	▲ 0.075	▲ 0.223
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)



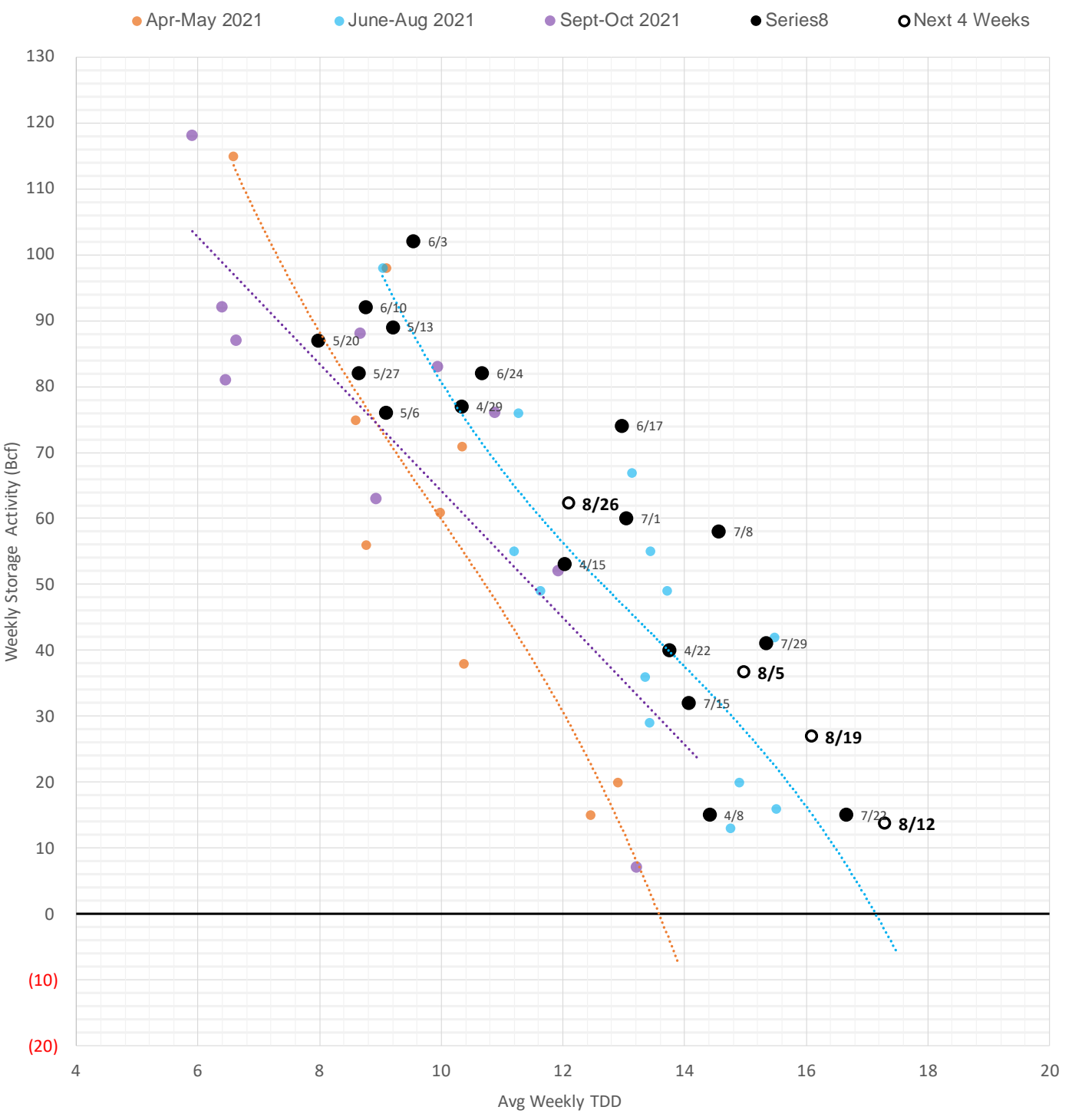
	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23
Henry Hub	\$8.039	\$8.025	\$8.103	\$8.176	\$8.169	\$7.840	\$6.551	\$4.981	\$4.805	\$4.854	\$4.902	\$4.896
JKL	\$44.605	\$46.490	\$47.210	\$49.865	\$51.270	\$50.040	\$46.375	\$45.210	\$43.830	\$43.220	\$42.945	\$43.290
JKL-HHub	\$36.566	\$38.465	\$39.107	\$41.689	\$43.101	\$42.200	\$39.824	\$40.229	\$39.025	\$38.366	\$38.043	\$38.394
TTF	\$59.840	\$60.336	\$60.263	\$60.121	\$59.664	\$58.650	\$56.813	\$52.186	\$48.318	\$46.878	\$46.664	\$46.754
TTF-HHub	\$51.801	\$52.311	\$52.160	\$51.945	\$51.495	\$50.810	\$50.262	\$47.205	\$43.513	\$42.024	\$41.762	\$41.858
NBP	\$45.967	\$51.536	\$58.112	\$61.115	\$60.551	\$59.594	\$55.025	\$49.921	\$44.933	\$44.011	\$43.055	\$41.722
NBP-HHub	\$37.928	\$43.511	\$50.009	\$52.939	\$52.382	\$51.754	\$48.474	\$44.940	\$40.128	\$39.157	\$38.153	\$36.826

Weather Storage Model - Next 4 Week Forecast



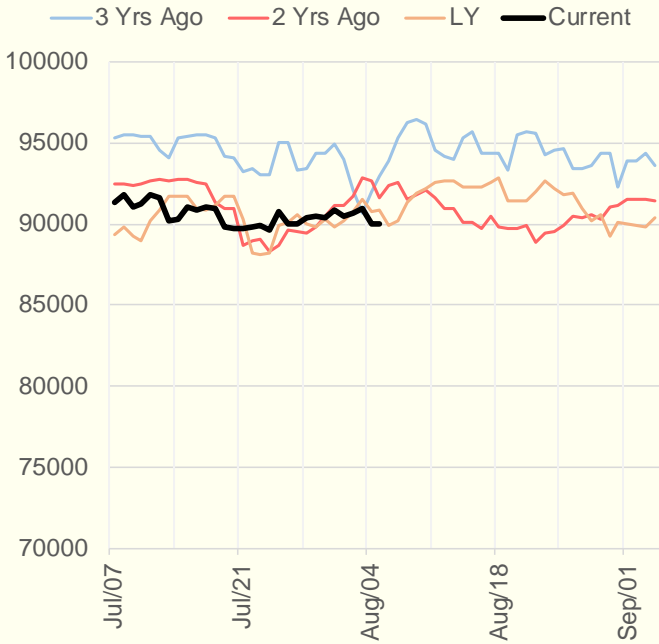
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Weather Storage Model - Next 4 Week Forecast

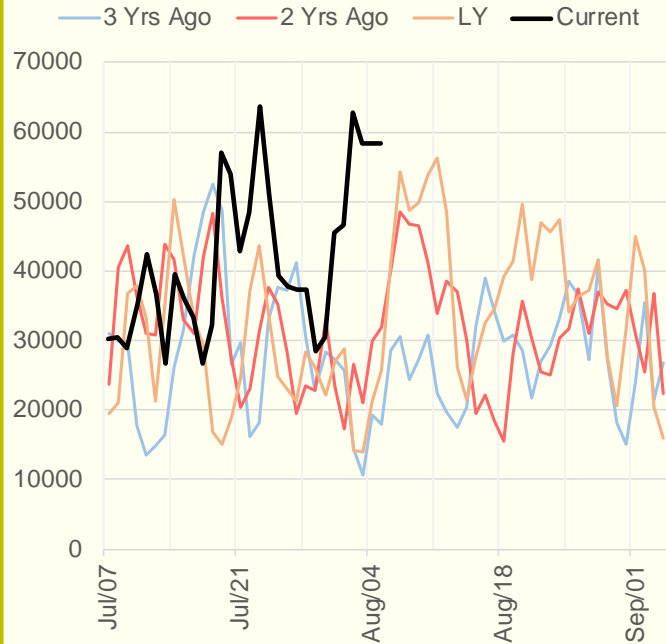


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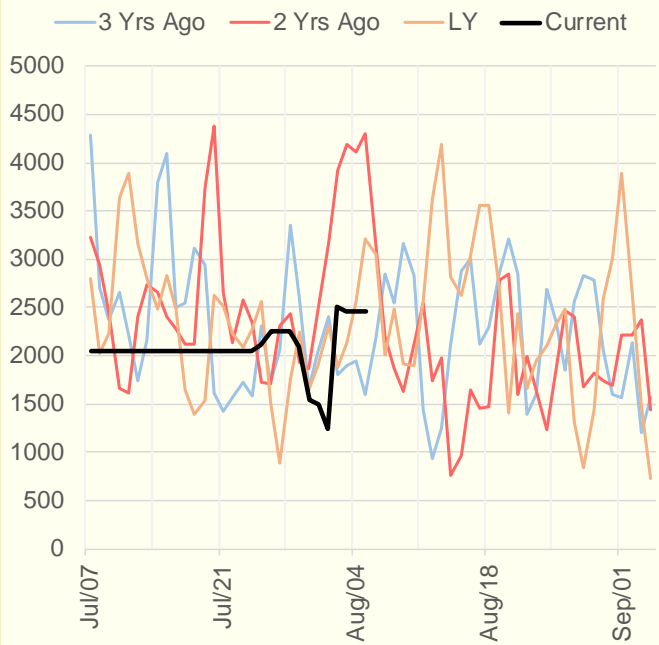
NRC Nuclear Daily Output



Genscape Wind



CALI Wind



TEXAS Wind

