

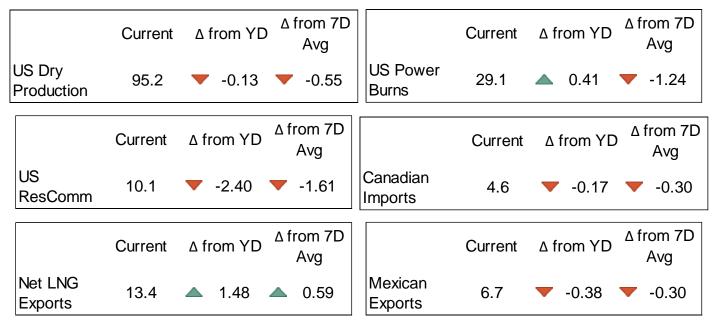
\$ 114.81 **A** \$ 1.25 **A** \$

25 May 2022

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. 24H Ago

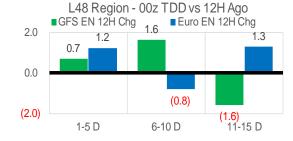




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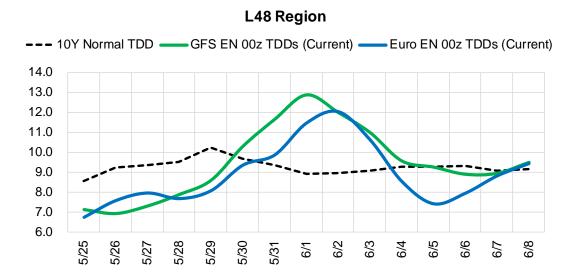
Vs. 12H Ago



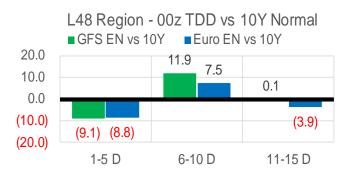
Prompt



Short-term Weather Model Outlooks (00z)



Vs. 10Y Normal



Source: WSI, Bloomberg



Market Report

25 May 2022

Daily Balances

	19-May	20-May	21-May	22-May	23-May	24-May	25-May	DoD	vs. 7D
Lower 48 Dry Production	95.0	96.0	96.2	96.6	96.3	95.3	95.2	▼ -0.1	▼ -0.7
Canadian Imports	5.0	4.8	5.1	5.1	4.8	4.8	4.6	-0.2	-0.3
L48 Power	32.1	31.6	31.0	29.7	28.9	28.7	29.1	0.4	▼ -1.2
L48 Residential & Commercial	10.0	10.7	11.3	12.4	13.1	12.5	10.1	▼ -2.4	T -1.6
L48 Industrial	20.9	20.9	21.3	21.4	21.5	21.4	21.0	▼ -0.4	-0.2
L48 Lease and Plant Fuel	5.1	5.2	5.2	5.2	5.2	5.2	5.1	▼ 0.0	— -0.1
L48 Pipeline Distribution	2.4	2.4	2.4	2.4	2.4	2.3	2.2	▼ -0.1	-0.2
L48 Regional Gas Consumption	70.6	70.8	71.2	71.1	71.0	70.1	67.5	▼ -2.5	▼ -3.3
Net LNG Delivered	13.00	13.26	13.18	13.06	13.17	11.95	13.44	1.5	0.5
Total Mexican Exports	7.1	7.1	6.9	6.9	6.8	7.1	6.7	▼ -0.4	-0.3
Implied Daily Storage Activity EIA Reported Daily Storage Activity	9.4	9.6	10.0	10.7	10.1	11.0	12.1		

Lower 48 Component Models

Daily Model Error

EIA Storage Week Balances

	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	WoW	vs. 4W
Lower 48 Dry Production	96.4	96.8	95.8	95.7	95.9	94.9	▼ -1.0	▼ -1.2
Canadian Imports	5.6	5.8	6.1	5.9	5.2	4.9	v -0.3	v -0.9
L48 Power	24.6	25.1	24.9	26.2	26.8	30.4	▲ 3.6	4.6
L48 Residential & Commercial	22.4	24.1	18.5	16.6	14.2	9.9	-4.4	▼ -8.5
L48 Industrial	21.7	21.8	22.0	21.6	21.3	20.8	v -0.4	v -0.8
L48 Lease and Plant Fuel	5.3	5.3	5.2	5.2	5.2	5.1	v -0.1	v -0.1
L48 Pipeline Distribution	2.6	2.7	2.4	2.4	2.3	2.3	▼ 0.0	v -0.2
L48 Regional Gas Consumption	76.5	79.0	73.0	72.0	69.8	68.5	💌 -1.3	▼ -5.0
Net LNG Exports	12.5	12.1	12.2	12.2	12.2	12.2	▲ 0.0	▲ 0.0
Total Mexican Exports	6.6	6.7	6.9	6.9	7.0	7.0	v -0.1	0.1
Implied Daily Storage Activity	6.5	4.7	9.8	10.6	12.1	12.2	0.1	
EIA Reported Daily Storage Activity	7.6	5.7	11.0	10.9	12.7			
Daily Model Error	-1.1	-1.0	-1.2	-0.3	-0.7			

Monthly Balances

-	2Yr Ago	LY					MTD			
	May-20	May-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	MoM	vs. LY	
Lower 48 Dry Production	87.0	93.0	93.4	92.6	94.9	96.2	95.6	▼ -0.6	2.6	
Canadian Imports	3.9	4.5	6.7	6.6	5.2	5.8	5.2	-0.6	0.7	
L48 Power	26.9	26.5	31.5	28.9	25.6	24.8	28.6	3 .9	2 .1	
L48 Residential & Commercial	12.8	12.8	49.1	44.4	30.7	22.2	12.9	- 9.3	0.1	
L48 Industrial	19.4	20.9	24.7	22.5	21.8	22.0	21.2	▼ -0.7	0.3	
L48 Lease and Plant Fuel	4.7	5.0	5.1	5.1	5.2	5.2	5.2	▼ -0.1	0.1	
L48 Pipeline Distribution	2.2	2.2	3.8	3.6	2.9	2.6	2.4	▼ -0.2	0.1	
L48 Regional Gas Consumption	65.9	67.5	114.3	104.4	86.2	76.8	70.3	-6.5	2.8	
Net LNG Exports	6.7	10.8	12.4	12.4	12.9	12.3	12.4	0.1	1.5	
Total Mexican Exports	4.8	6.8	6.3	6.2	6.5	6.7	7.0	0.2	0.2	
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	13.6	12.4	-32.9	-23.7	-5.5	6.2	11.2			

Daily Model Error

Source: Bloomberg, analytix.ai



Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

17-May	18-May	19-May	20-May	21-May	22-May	23-May	DoD	vs. 7D
82.1	81.8	83.9	85.2	84.6	85.2	84.5	-0.7	0.7
104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
22.8	23.0	20.9	19.6	20.2	19.7	20.4	0.7	-0.7
83.5	83.2	85.3	86.7	86.1	86.6	85.9	-0.7	0.7
	82.1 104.9 22.8	82.1 81.8 104.9 104.9 22.8 23.0	82.1 81.8 83.9 104.9 104.9 104.9 22.8 23.0 20.9	82.1 81.8 83.9 85.2 104.9 104.9 104.9 104.9 22.8 23.0 20.9 19.6	82.1 81.8 83.9 85.2 84.6 104.9 104.9 104.9 104.9 104.9 22.8 23.0 20.9 19.6 20.2	82.1 81.8 83.9 85.2 84.6 85.2 104.9 104.9 104.9 104.9 104.9 104.9 22.8 23.0 20.9 19.6 20.2 19.7	82.1 81.8 83.9 85.2 84.6 85.2 84.5 104.9 104.9 104.9 104.9 104.9 104.9 104.9 22.8 23.0 20.9 19.6 20.2 19.7 20.4	82.1 81.8 83.9 85.2 84.6 85.2 84.5 -0.7 104.9 104.9 104.9 104.9 104.9 104.9 0.0 22.8 23.0 20.9 19.6 20.2 19.7 20.4 0.7

Wind Generation Daily Average - MWh (EIA)

	17-May	18-May	19-May	20-May	21-May	22-May	23-May	DoD	vs. 7D
CALI Wind	4880	2994	3953	4264	2430	3369	3554	185	-94
TEXAS Wind	21221	17845	18616	18899	20257	12626	12479	-147	-5765
US Wind	63694	47320	64658	70425	55599	39071	42707	3637	-14087

Generation Daily Average - MWh (EIA)

18-May	19-May	20-May	21-May	22-Mav	23-Mav	DoD	1/2 TD
				may	25-iviay	000	vs. 7D
47320	64658	70425	55599	39071	42707	3637	-14087
19404	18983	18228	16916	16232	16334	102	-1755
284	258	352	608	558	316	-243	-61
7493	7605	7936	7724	7588	7245	-343	-480
92366	93594	94046	90231	87442	89618	2176	-1222
85660	87482	88870	88672	89020	87796	-1224	-36
32413	33132	33298	32102	31008	32284	1276	41
174798	175718	169757	165060	154158	155774	1615	-10861
	19404 284 7493 92366 85660 32413	194041898328425874937605923669359485660874823241333132	194041898318228284258352749376057936923669359494046856608748288870324133313233298	194041898318228169162842583526087493760579367724923669359494046902318566087482888708867232413331323329832102	194041898318228169161623228425835260855874937605793677247588923669359494046902318744285660874828887088672890203241333132332983210231008	194041898318228169161623216334284258352608558316749376057936772475887245923669359494046902318744289618856608748288870886728902087796324133313233298321023100832284	194041898318228169161623216334102284258352608558316-243749376057936772475887245-3439236693594940469023187442896182176856608748288870886728902087796-12243241333132332983210231008322841276

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

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Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	WoW	WoW Bcf/d Impact
IRC Nuclear Daily Output	71.9	72.3	73.5	76.7	79.3	81.7	2.4	-0.4
IRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
IRC Nuclear Outage	32.9	32.6	31.4	28.2	25.5	23.2	-2.4	
IRC % Nuclear Cap Utilization	73.2	73.5	74.8	78.0	80.7	83.1	2.4	

Vind Generation Weekly Average - MWh (EIA)

	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	WoW	WoW Bcf/d Impact
CALI Wind	3434	3613	3153	2929	3983	3452	-531	0.1
EXAS Wind	16530	15612	18327	16902	17705	15706	-1999	0.4
JS Wind	66240	61570	66986	57243	64974	50239	-14735	2.7
							-23%	
						-0.1		

Generation Weekly Average - MWh (EIA)

	est.								
15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	WoW	WoW Bcf/d		
-	-	-	-	-	-		Impact		
66240	61570	66986	57243	64974	50239	-14735	2.7		
16118	15897	16968	16920	17846	19159	1313	-0.2		
964	984	992	931	341	262	-79	0.0		
7154	7544	7717	7528	7615	7777	162	0.0		
77087	79575	77533	78898	81273	88922	7649	-1.4		
75674	76478	77438	80545	83391	85510	2119	-0.4		
29415	28355	26721	26824	28968	31924	2955	-0.5		
134338	133401	131482	145738	148473	171926	23452	4.2		
	66240 16118 964 7154 77087 75674 29415	6624061570161181589796498471547544770877957575674764782941528355	66240 61570 66986 16118 15897 16968 964 984 992 7154 7544 7717 77087 79575 77533 75674 76478 77438 29415 28355 26721	66240615706698657243161181589716968169209649849929317154754477177528770877957577533788987567476478774388054529415283552672126824	66240 61570 66986 57243 64974 16118 15897 16968 16920 17846 964 984 992 931 341 7154 7544 7717 7528 7615 77087 79575 77533 78898 81273 75674 76478 77438 80545 83391 29415 28355 26721 26824 28968	15-Apr22-Apr29-Apr6-May13-May20-May662406157066986572436497450239161181589716968169201784619159964984992931341262715475447717752876157777770877957577533788988127388922756747647877438805458339185510294152835526721268242896831924	15-Apr22-Apr29-Apr6-May13-May20-MayWoW662406157066986572436497450239-147351611815897169681692017846191591313964984992931341262-797154754477177528761577777162770877957577533788988127388922764975674764787743880545833918551021192941528355267212682428968319242955		

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



Monthly Average Generation Data

Nuclear Generation Monthly Average - GWh (NRC)

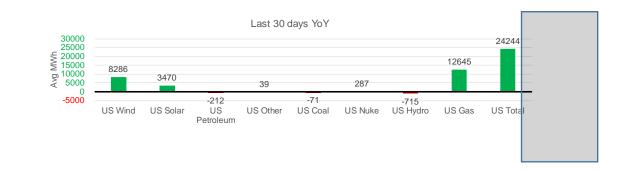
	2Yr Ago	LY				MTD		
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22	Last 30 days	Last 30 days YoY
NRC Nuclear Daily Output	81.9	79.8	87.3	81.3	73.3	80.8	79.8	0.0
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0
NRC Nuclear Outage	23.0	25.1	17.5	23.6	31.6	24.1	25.1	0.0
NRC % Nuclear Cap Utilization	83.3	81.1	88.8	82.7	74.5	82.2	81.1	0.0

Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	ĹY				MTD		
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22	Last 30 days	Last 30 days YoY
CALI Wind	2746	3287	1495	2250	3186	3495	3531	244
TEXAS Wind	11706	12554	11750	14837	16311	16266	16350	3796
US Wind	41090	47933	54543	58528	64183	54306	56219	8286

Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY				MTD		
	Same 30 days	Same 30 days	Feb-22	Mar-22	Apr-22	May-22	Last 30 days	Last 30 days YoY
US Wind	41090	47933	54543	58528	64183	54306	56219	8286
US Solar	11312	14190	12442	14058	16208	17726	17660	3470
US Petroleum	757	753	1331	985	985	454	541	-212
US Other	8155	7577	8632	7206	7386	7642	7616	A 39
US Coal	58166	84161	105631	82291	77545	85593	84090	-71
US Nuke	85813	83397	92027	85256	77217	84733	83683	287
US Hydro	36847	30351	32284	33959	29022	30228	29635	-715
US Gas	136693	141827	153733	137232	133068	158568	154472	12645
US Total	377669	410552	461069	419842	406184	440193	434796	24244



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

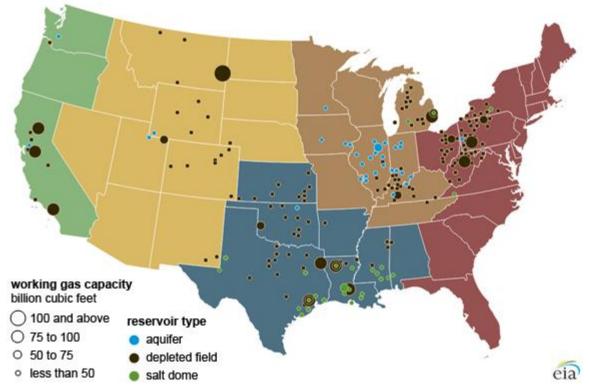


Regional S/D Models Storage Projection

Week Ending	20-May			
	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	12.9	0.0	13.0	91
East	2.0	2.6	4.6	32
Midwest	4.9	-0.9	3.9	28
Mountain	4.9	-3.6	1.2	9
South Central	-0.1	2.6	2.5	17
Pacific	1.3	-0.6	0.8	5

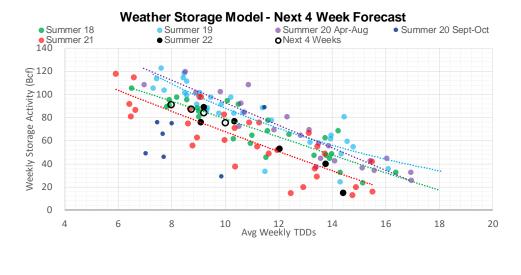
*Adjustment Factor is calcuated based on historical regional deltas

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

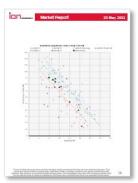


Weather Model Storage Projection

Next report and beyond									
		Week Storage							
Week Ending	TDDs	Projection							
20-May	8.0	91							
27-May	8.7	87							
03-Jun	10.0	75							
10-Jun	9.2	84							



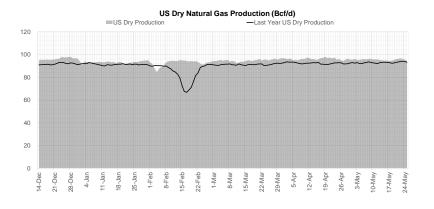
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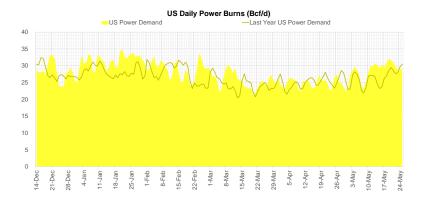


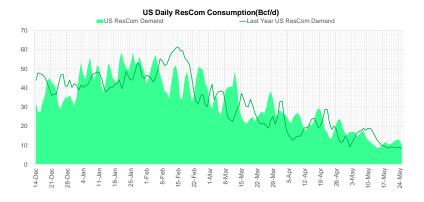


Market Report

Supply – Demand Trends

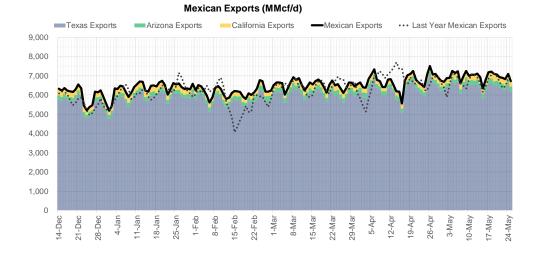


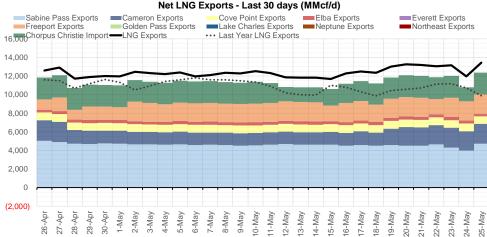




Source: Bloomberg

NERGY





Source: Bloomberg



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
6	2022	С	9.00	3122	8	2022	С	10.00	48541
6	2022	Р	8.00	2653	8	2022	С	10.50	39717
6	2022	Р	5.50	2500	10	2022	С	6.00	35395
10	2022	Р	4.00	2450	6	2022	С	10.00	32875
6	2022	С	10.00	2136	6	2022	С	6.00	25032
6	2022	С	9.50	1967	10	2022	С	5.00	24089
7	2022	C	10.00	1937	9	2022	С	6.00	23663
12	2022	P	4.00	1801	7	2022	С	10.00	22179
11	2022	Р	4.00	1800	10	2022	Р	3.00	21052
8	2022	C	10.00	1754	6	2022	Р	7.00	20840
7	2022	C	12.00	1690	7	2022	С	9.00	20656
6	2022	c	9.25	1683	10	2022	Р	3.50	20474
6	2022	c	11.00	1602	10	2022	Р	2.50	19868
6	2022	c	8.50	1465	6	2022	Р	5.50	19658
7	2022	P	6.00	1275	6	2022	Р	4.00	19629
6	2022	C	8.75	1222	6	2022	Р	6.00	19591
8	2022	c	9.50	1082	8	2022	С	6.00	19483
6	2022	P	7.50	1079	6	2022	С	7.00	19398
8	2022	P	6.00	1061	10	2022	Р	6.00	19057
8	2022	C	12.00	1051	7	2022	С	6.00	18936
7	2022	č	9.00	1034	7	2022	С	8.00	18406
6	2022	c	10.10	1000	9	2022	С	10.00	18393
10	2022	c	10.00	939	8	2022	С	7.00	18281
8	2022	c	11.00	911	12	2022	С	5.00	18221
7	2022	c	11.00	841	9	2022	С	7.00	18096
6	2022	c	9.75	831	7	2022	С	7.00	17664
6	2022	P	7.00	829	6	2022	С	5.00	17647
6	2022	P	7.75	771	10	2022	Р	2.00	17558
8	2022	C	8.50	711	7	2022	Р	3.25	17344
10	2022	P	7.00	700	6	2022	Р	3.00	17223
6	2022	P	8.40	643	7	2022	Р	6.00	17142
8	2022	C	10.50	612	7	2022	Р	7.00	17112
8	2022	c	9.00	604	6	2022	Р	4.75	17111
8	2022	P	9.00 6.50	600	10	2022	Р	4.00	16901
9	2022	P	3.25	600	1	2023	С	10.00	16385
9	2022	P	4.00	600	5	2023	Р	2.00	16261
9 7	2022	C	4.00 8.50	589	6	2022	Р	3.50	15958
10	2022	P	8.50 3.75	577	7	2022	Р	5.00	15729
7	2022	C	8.00	573	6	2022	Р	5.00	15596
8	2022	P	8.00 4.00	553	2	2023	С	10.00	15574
o 9		F C			9	2022	Р	2.50	15291
	2022	c	11.00	537	8	2022	С	9.00	15138
6 6	2022 2022	P	8.00 7.60	517 507	10	2022	Р	3.25	14967
					9	2022	Р	2.75	14883
8	2022	P	7.00	506	6	2022	С	10.10	14760
7	2022	С	8.90	502	9	2022	Р	3.00	14626
7	2022	С	7.50	501	7	2022	Р	3.50	14604
7	2022	С	8.80	501	8	2022	Р	3.00	14553
8	2022	С	7.50	500	11	2022	Р	4.00	14494
8	2022	Р	3.25	500	7	2022	Р	3	14491

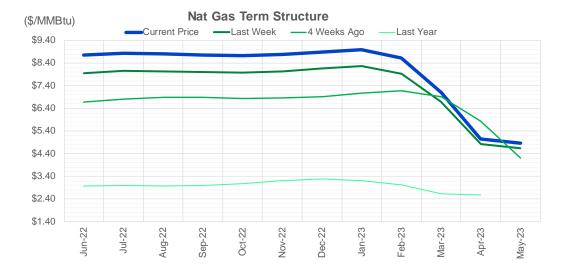
Source: CME, ICE

Nat Gas Futures Open Interest CME and ICE Combined

CME Henry H	Hub Futures (10,	000 MMBtu)		ICE Henry H	lub Futures Contra	act Equivaler	nt (10,000 MMBtu)
	Current	Prior	Daily Change		Current	Prior	Daily Change
JUN 22	12598	17806	-5208	JUN 22	80395	82087	-1692
JUL 22	211881	210747	1134	JUL 22	86142	84294	1848
AUG 22	63927	63765	162	AUG 22	60084	59726	358
SEP 22	98222	94983	3239	SEP 22	64845	65534	-689
OCT 22	96567	97959	-1392	OCT 22	74620	75874	-1254
NOV 22	50238	50939	-701	NOV 22	60051	59839	212
DEC 22	51231	51109	122	DEC 22	62903	62785	119
JAN 23	63783	63365	418	JAN 23	65684	65662	22
FEB 23	28286	28191	95	FEB 23	56394	55876	518
MAR 23	39279	39172	107	MAR 23	55078	55062	16
APR 23	59946	59466	480	APR 23	52603	52406	197
MAY 23	60428	60384	44	MAY 23	52162	51628	534
JUN 23	26583	26186	397	JUN 23	45171	44947	224
JUL 23	23105	22805	300	JUL 23	43368	43019	350
AUG 23	14290	13814	476	AUG 23	43393	43129	264
SEP 23	17953	17489	464	SEP 23	42471	42268	203
OCT 23	35739	35517	222	OCT 23	49397	49258	139
NOV 23	12484	12435	49	NOV 23	43465	43430	35
DEC 23	14481	14590	-109	DEC 23	39430	39372	59
JAN 24	20045	19914	131	JAN 24	39182	39090	92
FEB 24	6122	6119	3	FEB 24	26569	26555	14
MAR 24	14267	14233	34	MAR 24	30806	30800	6
APR 24	12135	12064	71	APR 24	27073	26991	82
MAY 24	6504	6514	-10	MAY 24	25802	25708	94
JUN 24	1784	1782	2	JUN 24	22153	22064	89
JUL 24	1962	1962	0	JUL 24	22331	22269	62
AUG 24	2943	2941	2	AUG 24	22417	22355	63
SEP 24	1332	1333	-1	SEP 24	21818	21729	90
OCT 24	6846	6720	126	OCT 24	24590	24498	92
NOV 24	4417	4397	20	NOV 24	23164	23067	97

Source: CME, ICE





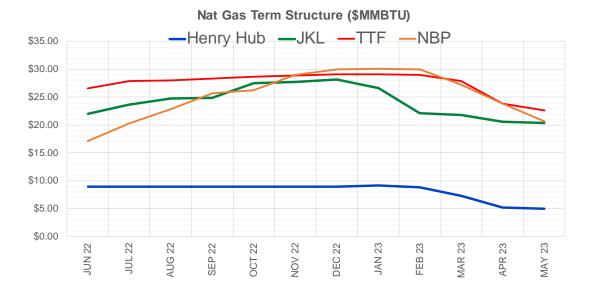
	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23
Current Price	\$8.744	\$8.827	\$8.813	\$8.767	\$8.735	\$8.783	\$8.889	\$8.987	\$8.618	\$7.098	\$5.045	\$4.846
Last Week	\$7.956	\$8.053	\$8.040	\$7.999	\$7.984	\$8.044	\$8.167	\$8.264	\$7.929	\$6.686	\$4.808	\$4.627
vs. Last Week	\$0.788	\$0.774	\$0.773	\$0.768	\$0.751	\$0.739	\$0.722	\$0.723	\$0.689	\$0.412	\$0.237	\$0.219
4 Weeks Ago	\$6.669	\$6.805	\$6.891	\$6.892	\$6.845	\$6.852	\$6.924	\$7.070	\$7.169	\$6.907	\$5.827	\$4.213
vs. 4 Weeks Ago	\$2.075	\$2.022	\$1.922	\$1.875	\$1.890	\$1.931	\$1.965	\$1.917	\$1.449	\$0.191	-\$0.782	\$0.633
Last Year	\$2.886	\$2.960	\$2.979	\$2.975	\$2.995	\$3.068	\$3.195	\$3.277	\$3.208	\$3.017	\$2.622	\$2.570
vs. Last Year	\$5.858	\$5.867	\$5.834	\$5.792	\$5.740	\$5.715	\$5.694	\$5.710	\$5.410	\$4.081	\$2.423	\$2.276

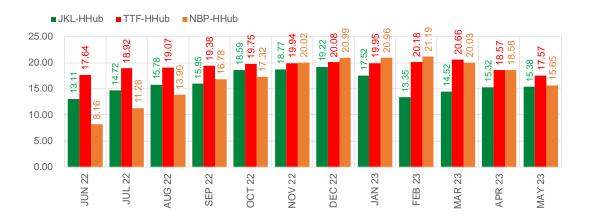
		Cash	Prompt	Cash to
	Units	Settled	Settle	Prompt
AGT Citygate	\$/MMBtu	8.57	7.98	-0.59
TETCO M3	\$/MMBtu	7.79	7.64	-0.15
FGT Zone 3	\$/MMBtu	7.80	8.36	0.56
Zone 6 NY	\$/MMBtu	7.80	7.55	-0.25
Chicago Citygate	\$/MMBtu	8.41	8.12	-0.29
Michcon	\$/MMBtu	8.47	8.13	-0.34
Columbia TCO Pool	\$/MMBtu	7.61	7.61	0.00
Ventura	\$/MMBtu	8.35	7.96	-0.39
Rockies/Opal	\$/MMBtu	8.04	7.84	-0.21
El Paso Permian Basin	\$/MMBtu	8.28	7.53	-0.75
Socal Citygate	\$/MMBtu	9.59	8.39	-1.20
Malin	\$/MMBtu	8.80	8.06	-0.74
Houston Ship Channel	\$/MMBtu	8.70	8.21	-0.49
Henry Hub Cash	\$/MMBtu	8.78	8.01	-0.77
AECO Cash	C\$/GJ	5.31	6.09	0.78
Station2 Cash	C\$/GJ	5.08	7.74	2.66
Dawn Cash	C\$/GJ	8.46	8.11	-0.35

Source: CME, Bloomberg

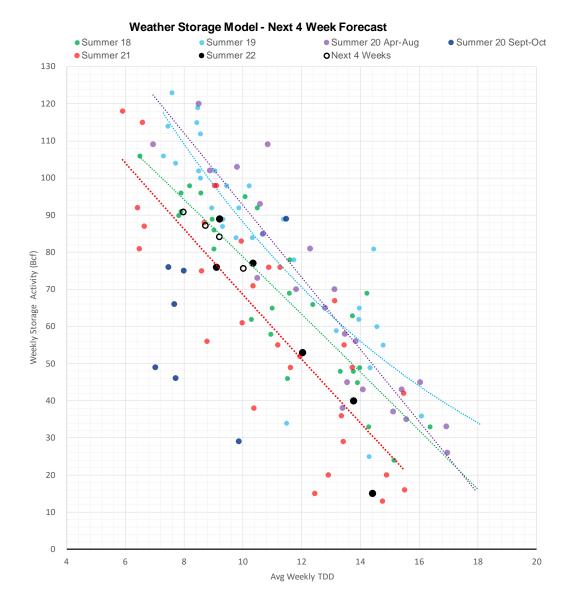


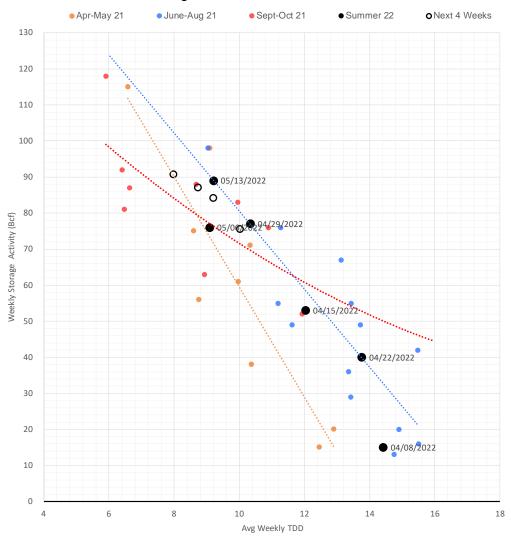
					VS	s. 4 Weeks		
	Units	Current Price	vs.	Last Week		Ago	vs	. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224		0.000		0.000		2.189
NatGas Oct21/Nov21	\$/MMBtu	0.361		0.000		0.000		0.289
NatGas Oct21/Jan22	\$/MMBtu	-1.817		0.000		0.000		-2.095
NatGas Apr22/Oct22	\$/MMBtu	3.414		0.428		1.721		3.379
WTI Crude	\$/Bbl	109.77		-2.630		8.070		43.700
Brent Crude	\$/Bbl	113.56		1.630		8.570		44.910
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18		0.000		0.000		0.000
Heating Oil	cents/Gallon	378.18		-1.750		-68.610		174.640
Propane, Mt. Bel	cents/Gallon	1.23		-0.011		-0.079		0.407
Ethane, Mt. Bel	cents/Gallon	0.60		0.003		0.094		0.338
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						



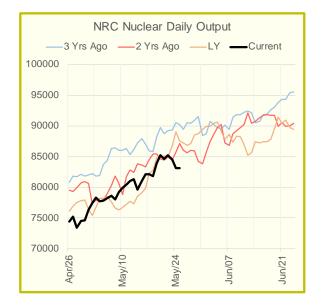


	JUN 22	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23
enry Hub	\$8.965	\$8.993	\$8.976	\$8.940	\$8.898	\$8.938	\$8.997	\$9.137	\$8.786	\$7.268	\$5.234	\$5.011
KL	\$22.070	\$23.710	\$24.755	\$24.890	\$27.490	\$27.710	\$28.215	\$26.655	\$22.135	\$21.785	\$20.550	\$20.390
KL-HHub	\$13.105	\$14.717	\$15.779	\$15.950	\$18.592	\$18.772	\$19.218	\$17.518	\$13.349	\$14.517	\$15.316	\$15.379
TF	\$26.606	\$27.909	\$28.047	\$28.319	\$28.643	\$28.877	\$29.079	\$29.088	\$28.962	\$27.929	\$23.803	\$22.58 ⁴
TF-HHub	\$17.641	\$18.916	\$19.071	\$19.379	\$19.745	\$19.939	\$20.082	\$19.951	\$20.176	\$20.661	\$18.569	\$17.570
BP	\$17.120	\$20.269	\$22.873	\$25.722	\$26.220	\$28.954	\$29.983	\$30.098	\$29.980	\$27.294	\$23.817	\$20.663
BP-HHub	\$8.155	\$11.276	\$13.897	\$16.782	\$17.322	\$20.016	\$20.986	\$20.961	\$21.194	\$20.026	\$18.583	\$15.652





Weather Storage Model for Summer 2021 & 2022



ENERGY

