

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 8.64 ▲	\$ 0.16 ▲	\$ 0.04

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 116.49 ▼	\$ (0.38) ▲	\$ 1.2

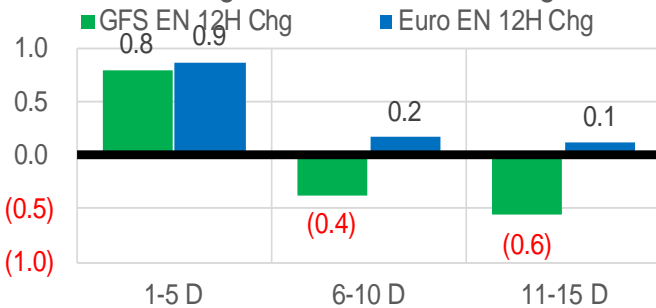
	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 117.34 ▼	\$ (0.27) ▼	\$ (2.2)

### 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](#)

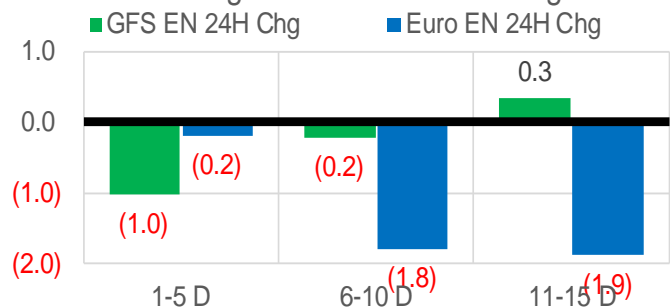
### Vs. 12H Ago

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	95.8 ▼	-0.80 ▼	-0.90

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	31.5 ▼	-1.71 ▲	1.16

	Current	Δ from YD	Δ from 7D Avg
US ResComm	8.6 ▼	-0.21 ▼	-0.46

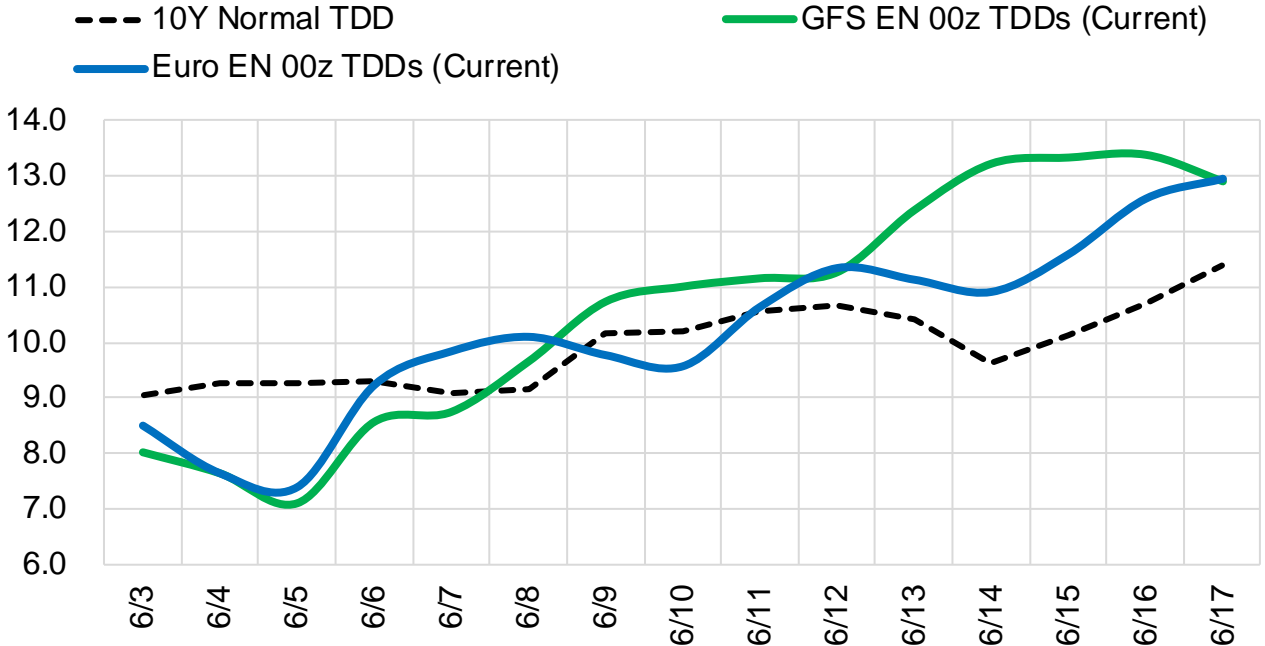
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.1 ▲	0.25 ▲	0.24

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	12.8 ▼	-0.01 ▲	0.03

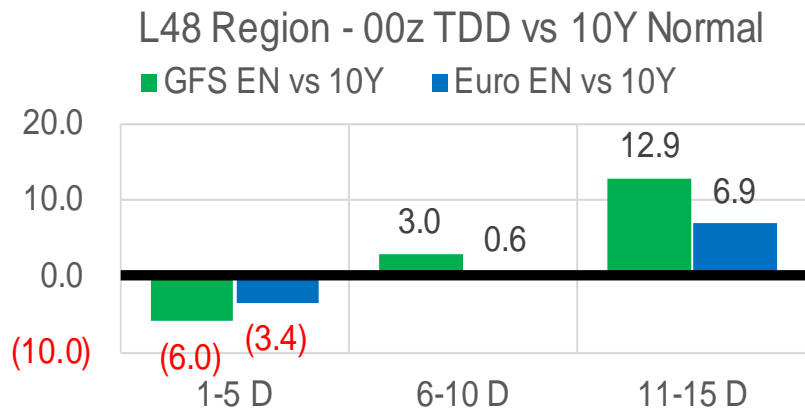
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	7.1 ▼	-0.16 ▲	0.03

### Short-term Weather Model Outlooks (00z)

#### L48 Region



### Vs. 10Y Normal



Source: WSI, Bloomberg

### Lower 48 Component Models

#### Daily Balances

	28-May	29-May	30-May	31-May	1-Jun	2-Jun	3-Jun	DoD	vs. 7D
<b>Lower 48 Dry Production</b>	<b>96.8</b>	<b>96.4</b>	<b>96.6</b>	<b>96.9</b>	<b>96.6</b>	<b>96.6</b>	<b>95.8</b>	▼-0.8	▼-0.9
<b>Canadian Imports</b>	<b>4.7</b>	<b>4.6</b>	<b>4.8</b>	<b>5.0</b>	<b>5.0</b>	<b>4.8</b>	<b>5.1</b>	▲0.2	▲0.2
L48 Power	26.8	26.3	28.8	33.5	34.3	33.2	31.5	▼-1.7	▲1.0
L48 Residential & Commercial	8.9	8.6	9.1	9.3	9.3	8.8	8.6	▼-0.2	▼-0.4
L48 Industrial	21.3	21.5	21.8	21.8	22.0	21.8	21.7	▼-0.1	▼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	2.0	2.0	2.1	2.4	2.4	2.3	2.2	▼-0.1	▼0.0
<b>L48 Regional Gas Consumption</b>	<b>64.2</b>	<b>63.6</b>	<b>67.1</b>	<b>72.4</b>	<b>73.2</b>	<b>71.3</b>	<b>69.1</b>	▼-2.2	▲0.4
<b>Net LNG Delivered</b>	<b>13.12</b>	<b>13.03</b>	<b>12.82</b>	<b>11.99</b>	<b>12.79</b>	<b>12.83</b>	<b>12.83</b>	▼0.0	▲0.1
<b>Total Mexican Exports</b>	<b>7.1</b>	<b>6.7</b>	<b>7.2</b>	<b>7.1</b>	<b>7.0</b>	<b>7.3</b>	<b>7.1</b>	▼-0.2	▲0.0
Implied Daily Storage Activity	17.0	17.6	14.3	10.5	8.7	10.0	11.8		
EIA Reported Daily Storage Activity									
Daily Model Error									

#### EIA Storage Week Balances

	4-Jun	6-May	13-May	20-May	27-May	3-Jun	WoW	vs. 4W
<b>Lower 48 Dry Production</b>	<b>93.1</b>	<b>95.5</b>	<b>95.8</b>	<b>94.8</b>	<b>95.9</b>	<b>96.7</b>	▲0.8	▲1.2
<b>Canadian Imports</b>	<b>3.9</b>	<b>5.9</b>	<b>5.2</b>	<b>4.9</b>	<b>4.9</b>	<b>4.8</b>	▼0.0	▼-0.4
L48 Power	27.8	26.2	26.8	30.4	30.0	30.3	▲0.3	▲2.0
L48 Residential & Commercial	11.8	16.8	14.5	10.0	11.6	9.0	▼-2.6	▼-4.2
L48 Industrial	18.5	21.1	20.9	21.3	20.0	21.6	▲1.6	▲0.8
L48 Lease and Plant Fuel	5.0	5.2	5.2	5.1	5.2	5.2	▲0.0	▲0.1
L48 Pipeline Distribution	2.2	2.4	2.3	2.3	2.4	2.2	▼-0.2	▼-0.1
<b>L48 Regional Gas Consumption</b>	<b>65.4</b>	<b>71.8</b>	<b>69.6</b>	<b>69.1</b>	<b>69.2</b>	<b>68.4</b>	▼-0.8	▼-1.5
<b>Net LNG Exports</b>	<b>11.0</b>	<b>12.2</b>	<b>12.2</b>	<b>12.2</b>	<b>13.0</b>	<b>12.8</b>	▼-0.2	▲0.4
<b>Total Mexican Exports</b>	<b>7.2</b>	<b>6.9</b>	<b>7.0</b>	<b>7.0</b>	<b>7.0</b>	<b>7.1</b>	▲0.1	▲0.1
Implied Daily Storage Activity	13.4	10.6	12.1	11.4	11.4	13.2	1.8	
EIA Reported Daily Storage Activity	14.0	10.9	12.7	11.4	12.9			
Daily Model Error	-0.6	-0.3	-0.7	0.0	-1.4			

#### Monthly Balances

	2Yr Ago Jun-20	LY Jun-21	Feb-22	Mar-22	Apr-22	May-22	MTD Jun-22	MoM	vs. LY
<b>Lower 48 Dry Production</b>	<b>87.9</b>	<b>93.2</b>	<b>92.7</b>	<b>93.5</b>	<b>95.9</b>	<b>95.7</b>	<b>96.6</b>	▲0.9	▲3.4
<b>Canadian Imports</b>	<b>4.0</b>	<b>4.8</b>	<b>6.5</b>	<b>5.2</b>	<b>5.8</b>	<b>5.1</b>	<b>4.9</b>	▼-0.2	▲0.1
L48 Power	34.9	35.9	28.7	25.5	24.7	28.8	33.7	▲4.9	▼-2.2
L48 Residential & Commercial	8.8	8.9	43.3	31.5	22.5	12.3	9.1	▼-3.2	▲0.2
L48 Industrial	20.0	20.2	22.1	19.7	21.4	20.9	21.9	▲1.0	▲1.7
L48 Lease and Plant Fuel	4.8	5.0	5.1	5.2	5.2	5.2	5.2	▲0.0	▲0.2
L48 Pipeline Distribution	2.3	2.4	3.5	2.9	2.6	2.3	2.3	▲0.0	▼-0.1
<b>L48 Regional Gas Consumption</b>	<b>70.8</b>	<b>72.5</b>	<b>102.7</b>	<b>84.7</b>	<b>76.4</b>	<b>69.5</b>	<b>72.2</b>	▲2.8	▼-0.2
<b>Net LNG Exports</b>	<b>4.0</b>	<b>10.2</b>	<b>12.4</b>	<b>12.9</b>	<b>12.3</b>	<b>12.5</b>	<b>12.8</b>	▲0.3	▲2.7
<b>Total Mexican Exports</b>	<b>5.5</b>	<b>7.4</b>	<b>6.2</b>	<b>6.5</b>	<b>6.7</b>	<b>7.0</b>	<b>7.2</b>	▲0.2	▼-0.3
Implied Daily Storage Activity	11.5	8.0	-22.1	-5.4	6.2	11.8	9.3		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

## Daily Average Generation Data

### Nuclear Generation Daily Average - GWh (NRC)

	26-May	27-May	28-May	29-May	30-May	31-May	1-Jun	DoD	vs. 7D
NRC Nuclear Daily Output	83.8	85.0	84.6	85.6	85.2	87.0	87.8	0.8	2.6
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	21.0	19.8	20.3	19.3	19.6	17.9	17.1	-0.8	-2.6
NRC % Nuclear Cap Utilization	85.3	86.5	86.0	87.0	86.7	88.5	89.3	0.8	2.7

### Wind Generation Daily Average - MWh (EIA)

	26-May	27-May	28-May	29-May	30-May	31-May	1-Jun	DoD	vs. 7D
CALI Wind	2889	3837	4802	4175	3545	2538	1802	-736	-1829
TEXAS Wind	6857	12960	21861	24730	22862	21511	14995	-6517	-3469
US Wind	41999	44188	67530	78621	79599	65862	42335	-23526	-20631

### Generation Daily Average - MWh (EIA)

	26-May	27-May	28-May	29-May	30-May	31-May	1-Jun	DoD	vs. 7D
US Wind	41999	44188	67530	78621	79599	65862	42335	-23526	-20631
US Solar	18220	17182	17586	16260	18350	19359	19366	6	1539
US Petroleum	392	643	733	643	856	1168	1005	-163	266
US Other	7022	7029	6738	7428	7847	8560	8085	-475	648
US Coal	88066	88845	75206	74893	83828	101772	104599	2827	19164
US Nuke	87771	88827	88698	88689	89060	90510	91515	1005	2589
US Hydro	37561	36081	33651	31904	34449	37053	36648	-405	1532
<b>US Gas</b>	<b>163056</b>	<b>163165</b>	<b>131360</b>	<b>126889</b>	<b>143967</b>	<b>183662</b>	<b>195373</b>	<b>11711</b>	<b>43357</b>

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

## Storage Week Average Generation Data

### Nuclear Generation Weekly Average - GWh (NRC)

	29-Apr	6-May	13-May	20-May	27-May	3-Jun	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	73.5	76.7	79.3	81.7	84.2	86.2	1.9	-0.3
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	31.4	28.2	25.5	23.2	20.6	18.7	-1.9	
NRC % Nuclear Cap Utilization	74.8	78.0	80.7	83.1	85.7	87.6	1.9	

### Wind Generation Weekly Average - MWh (EIA)

	29-Apr	6-May	13-May	20-May	27-May	3-Jun	WoW	WoW Bcf/d Impact
CALI Wind	3153	2929	3983	3452	2798	3214	416	-0.1
TEXAS Wind	18327	16902	17705	15706	14010	19131	5120	-0.9
US Wind	66986	57244	64974	50251	50129	60067	9938	-1.8
						0.4	20%	

### Generation Weekly Average - MWh (EIA)

	29-Apr	6-May	13-May	20-May	27-May	3-Jun	WoW	WoW Bcf/d Impact
US Wind	66986	57244	64974	50251	50129	60067	9938	-1.8
US Solar	16968	17033	18000	19634	17460	18210	750	-0.1
US Petroleum	992	931	341	262	448	865	417	-0.1
US Other	7717	7529	7615	7871	7645	7682	37	0.0
US Coal	77533	78898	81273	88922	88570	90534	1965	-0.4
US Nuke	77438	80558	83391	85510	88016	89831	1815	-0.3
US Hydro	26721	26831	28968	31973	33773	35205	1432	-0.3
<b>US Gas</b>	<b>131482</b>	<b>145774</b>	<b>148473</b>	<b>172224</b>	<b>159977</b>	<b>162827</b>	<b>2850</b>	<b>0.5</b>

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

## Monthly Average Generation Data

### Nuclear Generation Monthly Average - GWh (NRC)

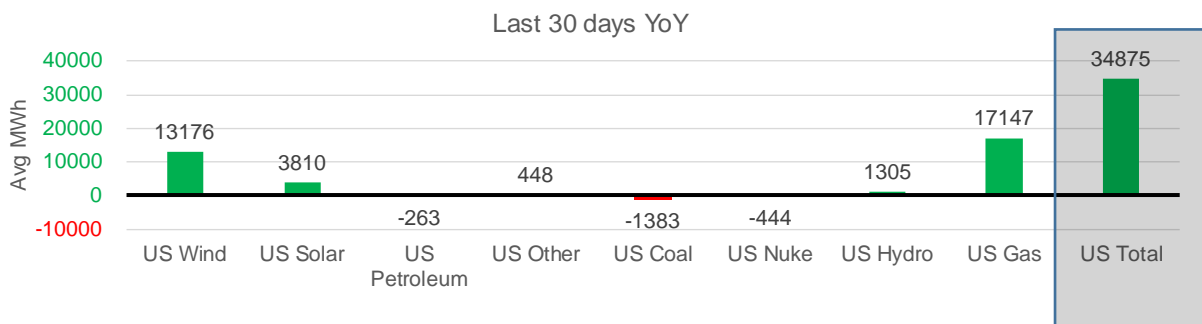
	2Yr Ago	LY	MTD				Last 30 days	Last 30 days YoY
	Same 30 days	Same 30 days	Mar-22	Apr-22	May-22	Jun-22		
NRC Nuclear Daily Output	83.9	83.3	81.3	73.3	81.7	87.8	82.9	-0.5
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0
NRC Nuclear Outage	21.0	21.6	23.6	31.6	23.2	17.1	22.0	0.5
NRC % Nuclear Cap Utilization	85.3	84.7	82.7	74.5	83.0	89.3	84.2	-0.5

### Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	Last 30 days YoY
	Same 30 days	Same 30 days	Mar-22	Apr-22	May-22	Jun-22		
CALI Wind	2316	3364	2250	3186	3391	1802	3296	-68
TEXAS Wind	9660	11629	14837	16311	16756	14995	16512	4883
US Wind	36571	42264	58528	64183	56491	42335	55439	13176

### Generation Monthly Average - MWh (EIA)

	2Yr Ago	LY	MTD				Last 30 days	Last 30 days YoY
	Same 30 days	Same 30 days	Mar-22	Apr-22	May-22	Jun-22		
US Wind	36571	42264	58528	64183	56491	42335	55439	▲ 13176
US Solar	11161	14510	14057	16208	18030	19366	18320	▲ 3810
US Petroleum	721	777	985	985	518	1005	513	▼ -263
US Other	8240	7276	7206	7386	7672	8085	7723	▲ 448
US Coal	65793	89329	82290	77545	85284	104599	87945	▼ -1383
US Nuke	87636	87123	85256	77217	85496	91515	86679	▼ -444
US Hydro	38241	31193	33959	29022	31367	36648	32498	▲ 1305
<b>US Gas</b>	<b>149467</b>	<b>144914</b>	<b>137232</b>	<b>133068</b>	<b>157391</b>	<b>195373</b>	<b>162060</b>	<b>▲ 17147</b>
<b>US Total</b>	<b>396599</b>	<b>417737</b>	<b>419842</b>	<b>406184</b>	<b>443621</b>	<b>500303</b>	<b>452612</b>	<b>▲ 34875</b>



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

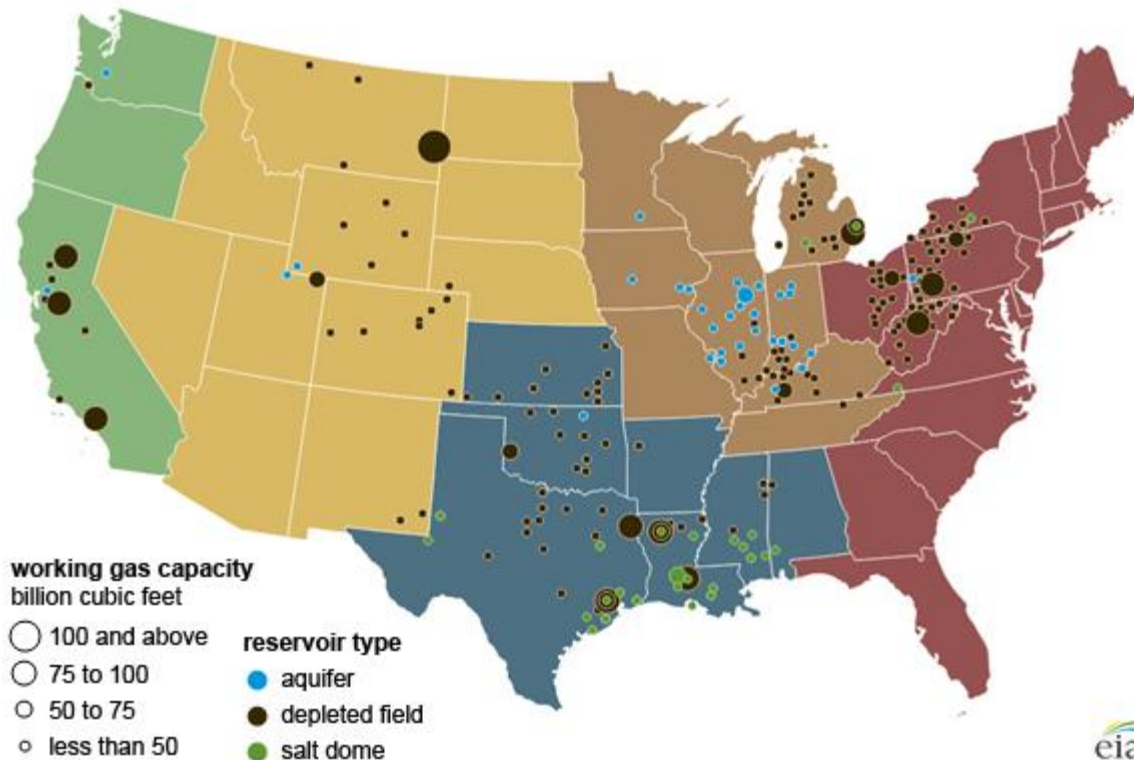
### Regional S/D Models Storage Projection

Week Ending 3-Jun

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	13.9	0.1	14.0	98
East	2.2	2.2	4.4	31
Midwest	5.8	-1.0	4.8	34
Mountain	4.4	-3.9	0.6	4
South Central	-0.7	3.4	2.7	19
Pacific	2.2	-0.7	1.5	10

\*Adjustment Factor is calculated based on historical regional deltas

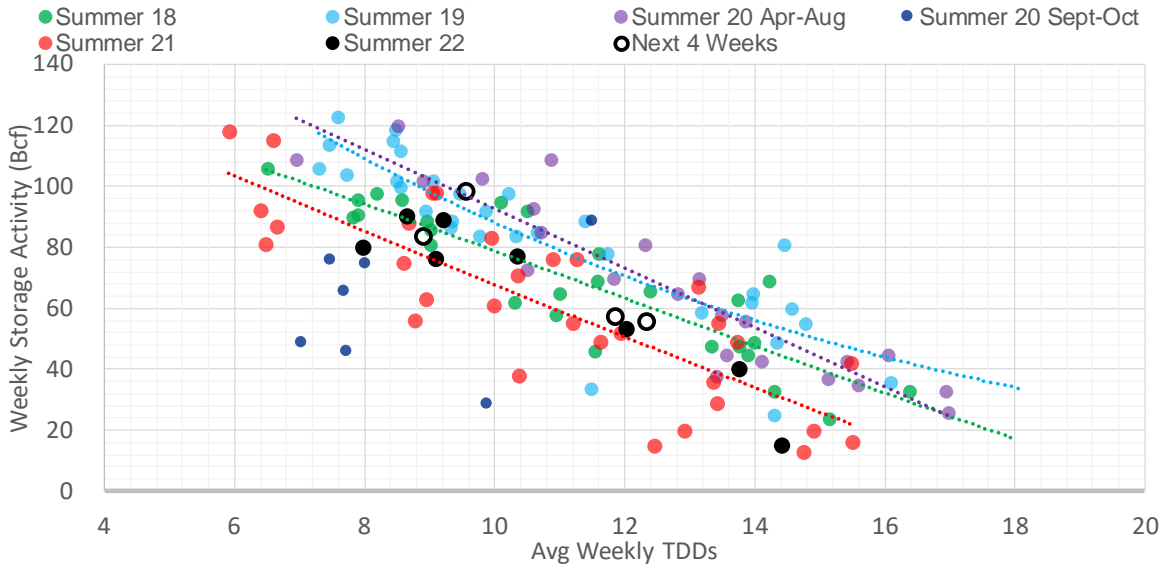
U.S. underground natural gas storage facilities by type (July 2015)



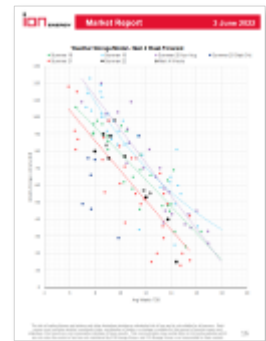
### Weather Model Storage Projection

Next report and beyond		
Week Ending	TDDs	Week Storage Projection
03-Jun	9.6	98
10-Jun	8.9	83
17-Jun	11.9	57
24-Jun	12.3	55

### Weather Storage Model - Next 4 Week Forecast

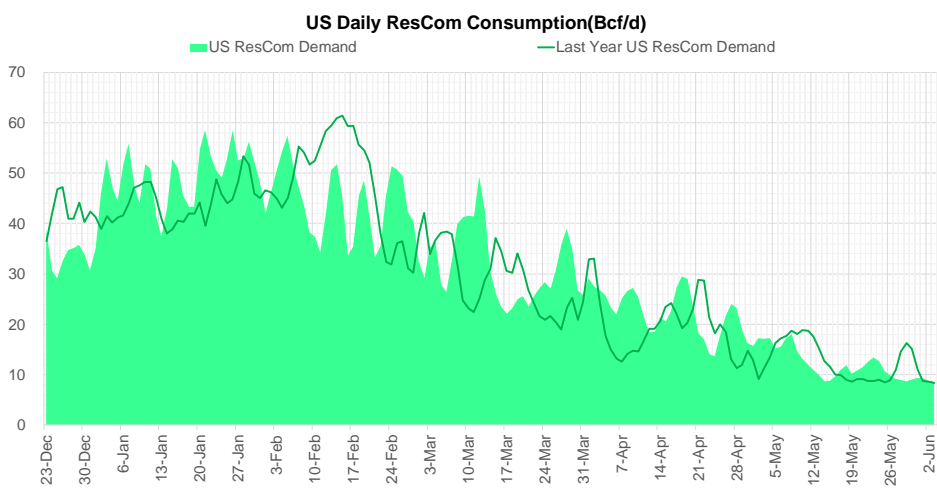
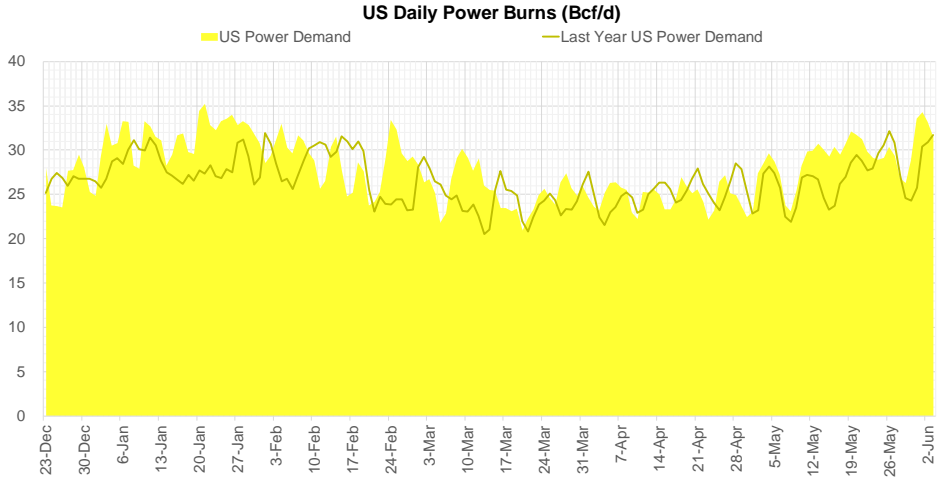
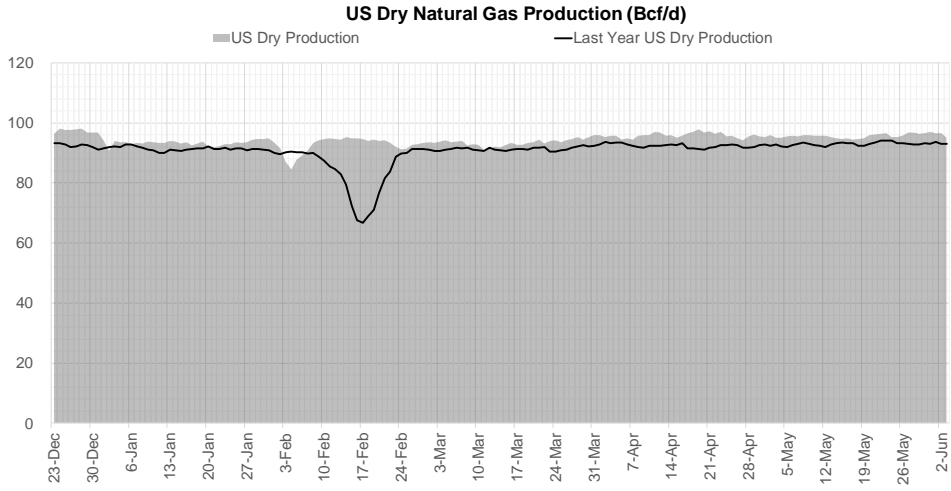


Go to larger image





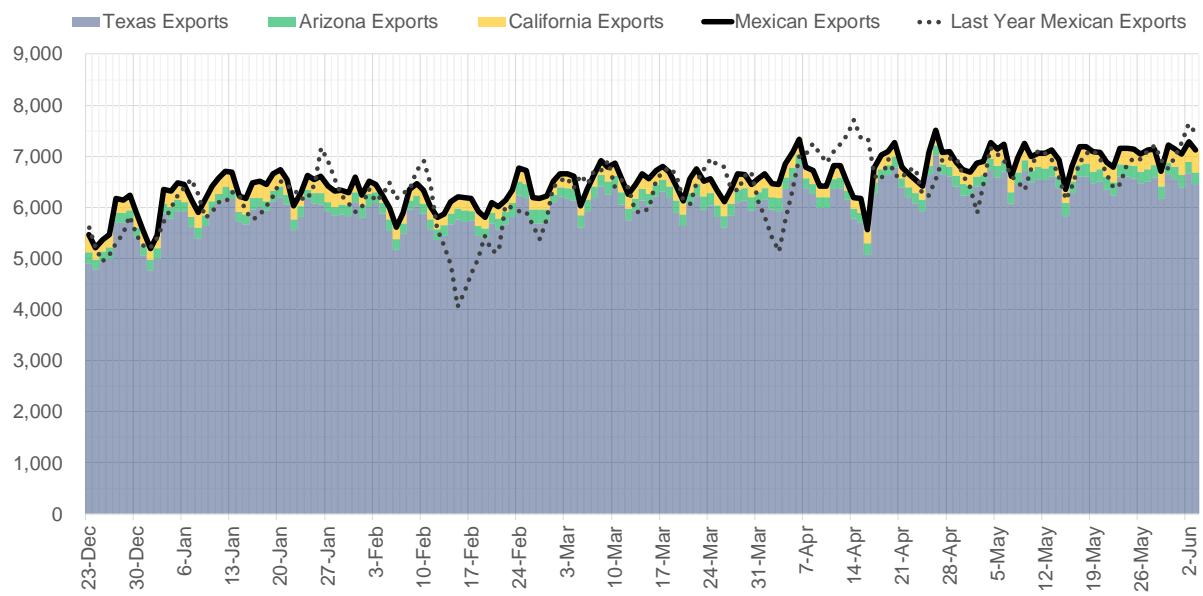
## Supply – Demand Trends



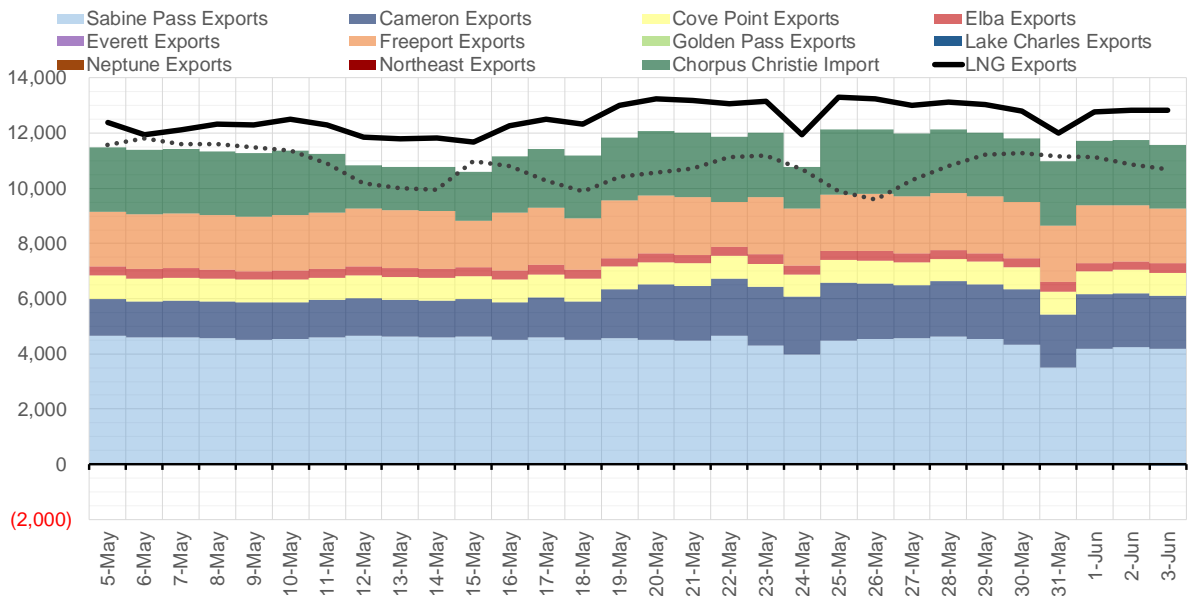
Source: Bloomberg

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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

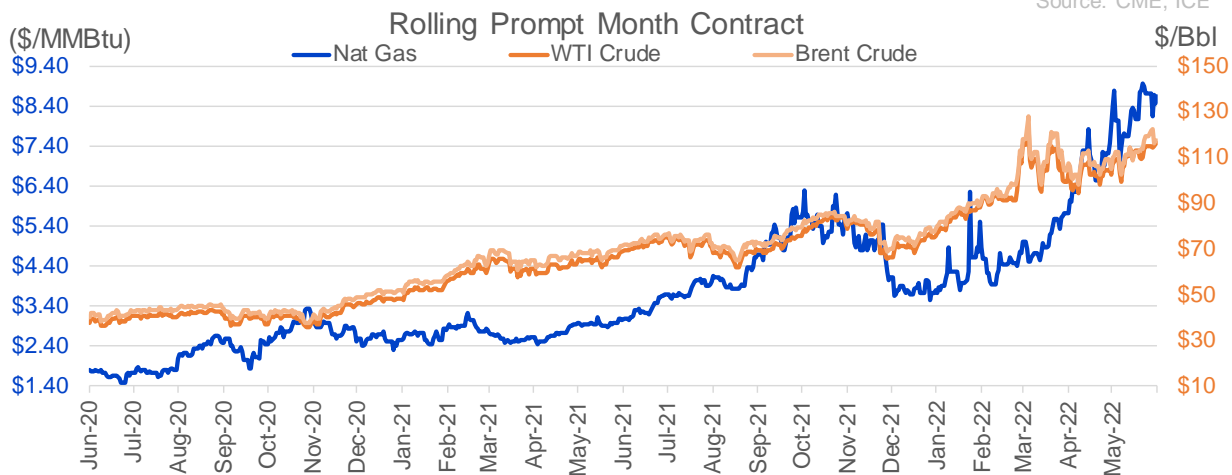
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
7	2022	P	7.50	6203	8	2022	C	10.00	50733
7	2022	P	6.50	4451	8	2022	C	10.50	37570
7	2022	C	9.50	3585	10	2022	C	6.00	35347
8	2022	P	6.00	3161	7	2022	C	11.00	31466
7	2022	P	7.00	3092	8	2022	C	12.00	31329
8	2022	P	6.50	2412	10	2022	C	5.00	24089
8	2022	C	10.00	2219	9	2022	C	6.00	23673
7	2022	C	9.25	2004	7	2022	C	10.00	23461
7	2022	C	10.00	1975	7	2022	P	6.00	23457
2	2023	P	3.50	1700	10	2022	P	6.00	23062
8	2022	C	12.00	1693	8	2022	C	12.10	22203
7	2022	C	9.00	1644	7	2022	C	9.00	22151
10	2022	P	7.50	1610	8	2022	P	6.00	20935
9	2022	P	6.00	1609	7	2022	C	11.10	20702
10	2022	C	10.00	1550	10	2022	P	3.50	20524
10	2022	P	6.00	1521	10	2022	P	3.00	20275
11	2022	C	15.00	1507	9	2022	C	10.00	20056
8	2022	P	5.50	1499	10	2022	P	2.50	19868
7	2022	P	6.00	1462	9	2022	P	4.00	19825
10	2022	C	15.00	1416	8	2022	C	6.00	19483
8	2022	P	7.00	1404	7	2022	C	6.00	18943
8	2022	C	15.00	1321	7	2022	P	7.00	18808
8	2022	P	7.50	1261	8	2022	C	7.00	18259
8	2022	C	17.00	1232	7	2022	C	8.00	18231
7	2022	P	4.50	1201	12	2022	C	5.00	18221
9	2022	P	5.00	1200	9	2022	C	7.00	18091
7	2022	P	5.00	1196	7	2022	C	7.00	17657
7	2022	C	12.50	1104	7	2022	P	3.25	17344
9	2022	C	9.00	1029	10	2022	P	2.00	17258
10	2022	C	12.00	1021	5	2023	P	2.00	16986
10	2022	C	9.00	1006	10	2022	P	4.00	16895
10	2022	C	10.10	1001	10	2022	C	10.00	16437
9	2022	C	15.00	1000	1	2023	C	10.00	16323
9	2022	P	7.50	1000	8	2022	C	9.00	16262
11	2022	C	15.10	1000	7	2022	P	5.50	15985
7	2022	P	8.50	973	9	2022	C	4.00	15970
10	2022	P	4.00	900	2	2023	C	10.00	15724
7	2022	P	8.00	855	7	2022	P	5.00	15373
7	2022	C	11.00	829	3	2023	C	10.00	15311
4	2023	C	5.00	800	9	2022	P	2.50	15292
5	2023	C	5.00	800	10	2022	P	3.25	14919
6	2023	C	5.00	800	9	2022	P	2.75	14883
7	2023	C	5.00	800	9	2022	P	3.00	14651
8	2023	C	5.00	800	7	2022	P	3.50	14604
9	2023	C	5.00	800	8	2022	P	3.00	14552
10	2023	C	5.00	800	10	2022	C	8.00	14530
2	2023	C	10.00	759	11	2022	P	4.00	14494
7	2022	P	7.20	745	7	2022	P	3.00	14491
2	2023	C	15.00	675	10	2023	P	2.00	14380
					8	2022	P	7	14039

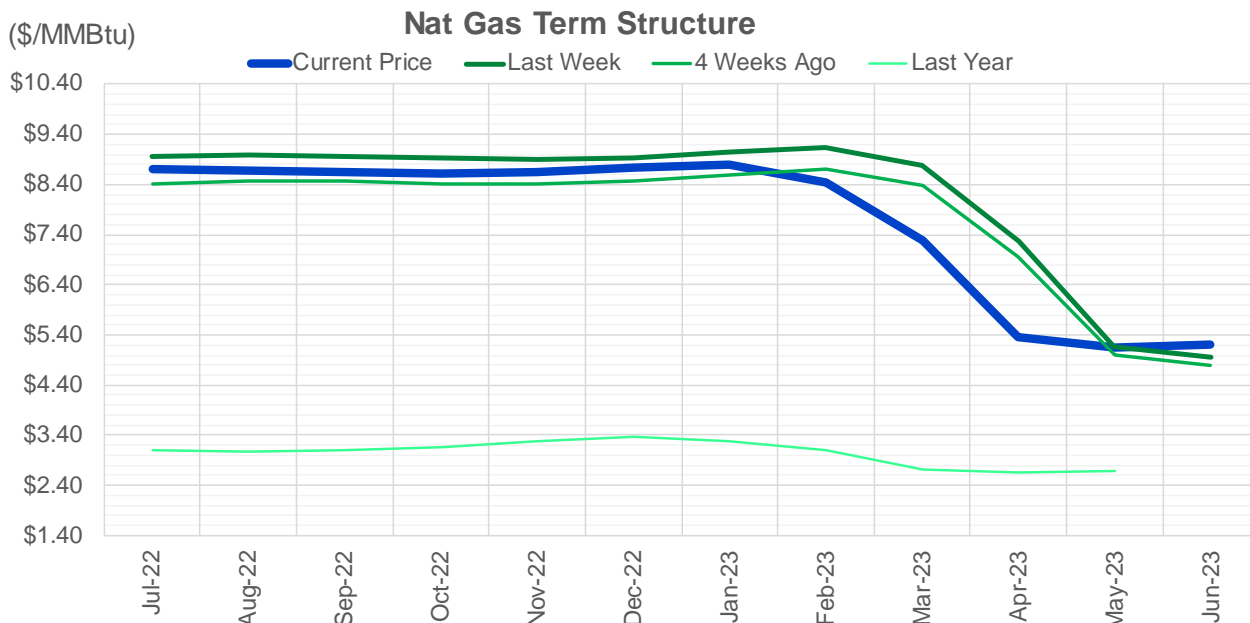
Source: CME, ICE

### 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
JUL 22	205694	209300	-3606	JUL 22	96824	93219	3605
AUG 22	72255	71608	647	AUG 22	60588	59639	949
SEP 22	108172	106716	1456	SEP 22	66918	66760	158
OCT 22	95170	95170	0	OCT 22	71421	71874	-454
NOV 22	50736	50324	412	NOV 22	59736	59640	96
DEC 22	52145	50918	1227	DEC 22	64084	62828	1256
JAN 23	66257	64950	1307	JAN 23	65771	64804	968
FEB 23	28018	27940	78	FEB 23	53936	54390	-454
MAR 23	43010	41730	1280	MAR 23	53354	53626	-272
APR 23	59838	60709	-871	APR 23	51986	51984	2
MAY 23	62207	62744	-537	MAY 23	51786	51633	153
JUN 23	25775	26270	-495	JUN 23	45598	45551	47
JUL 23	23209	23700	-491	JUL 23	43109	43117	-8
AUG 23	15298	15877	-579	AUG 23	43289	43323	-35
SEP 23	18912	19305	-393	SEP 23	42195	42221	-26
OCT 23	39055	39315	-260	OCT 23	49022	48899	123
NOV 23	12911	12916	-5	NOV 23	43407	43351	56
DEC 23	14052	14195	-143	DEC 23	39564	39445	119
JAN 24	20548	20687	-139	JAN 24	39912	39395	517
FEB 24	6169	6235	-66	FEB 24	26729	26752	-23
MAR 24	14404	14775	-371	MAR 24	31331	31280	51
APR 24	12230	12253	-23	APR 24	27335	27299	36
MAY 24	6663	6621	42	MAY 24	26141	26099	42
JUN 24	2012	2013	-1	JUN 24	22540	22480	61
JUL 24	2013	2017	-4	JUL 24	22763	22715	48
AUG 24	3017	3018	-1	AUG 24	22767	22751	17
SEP 24	1377	1375	2	SEP 24	22178	22131	48
OCT 24	6937	6837	100	OCT 24	24941	24886	55
NOV 24	4511	4491	20	NOV 24	23369	23348	21
DEC 24	7378	7370	8	DEC 24	25634	25568	66





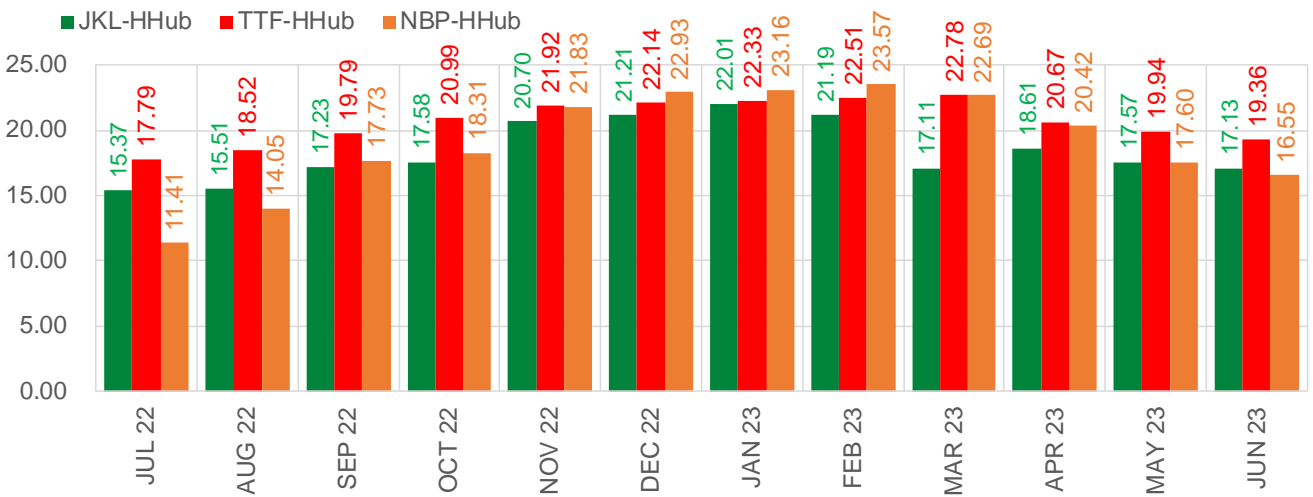
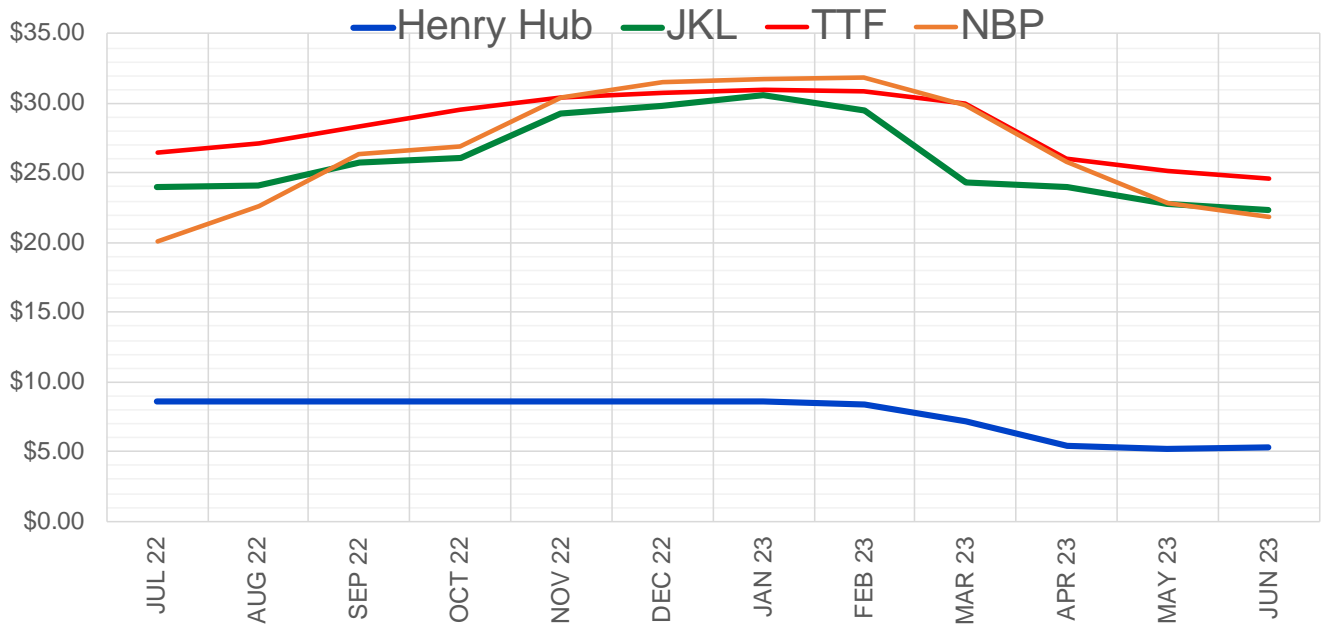
	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
<b>Current Price</b>	<b>\$8.696</b>	<b>\$8.686</b>	<b>\$8.643</b>	<b>\$8.614</b>	<b>\$8.657</b>	<b>\$8.726</b>	<b>\$8.797</b>	<b>\$8.426</b>	<b>\$7.277</b>	<b>\$5.361</b>	<b>\$5.162</b>	<b>\$5.214</b>
Last Week	\$8.971	\$8.993	\$8.972	\$8.929	\$8.898	\$8.936	\$9.032	\$9.125	\$8.773	\$7.257	\$5.178	\$4.969
vs. Last Week	-\$0.275	-\$0.307	-\$0.329	-\$0.315	-\$0.241	-\$0.210	-\$0.235	-\$0.699	-\$1.496	-\$1.896	-\$0.016	\$0.245
4 Weeks Ago	\$8.415	\$8.472	\$8.461	\$8.412	\$8.407	\$8.463	\$8.600	\$8.703	\$8.392	\$6.968	\$4.988	\$4.796
vs. 4 Weeks Ago	\$0.281	\$0.214	\$0.182	\$0.202	\$0.250	\$0.263	\$0.197	-\$0.277	-\$1.115	-\$1.607	\$0.174	\$0.418
Last Year	\$3.075	\$3.094	\$3.086	\$3.102	\$3.159	\$3.281	\$3.360	\$3.289	\$3.101	\$2.709	\$2.652	\$2.682
vs. Last Year	\$5.621	\$5.592	\$5.557	\$5.512	\$5.498	\$5.445	\$5.437	\$5.137	\$4.176	\$2.652	\$2.510	\$2.532

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	10.39	8.31	-2.08
TETCO M3	\$/MMBtu	7.51	7.94	0.43
FGT Zone 3	\$/MMBtu	7.55	8.94	1.39
Zone 6 NY	\$/MMBtu	7.55	7.97	0.42
Chicago Citygate	\$/MMBtu	8.41	8.61	0.20
Michcon	\$/MMBtu	8.40	8.60	0.20
Columbia TCO Pool	\$/MMBtu	7.52	8.05	0.53
Ventura	\$/MMBtu	8.80	8.46	-0.34
Rockies/Opal	\$/MMBtu	8.52	8.39	-0.13
El Paso Permian Basin	\$/MMBtu	8.05	8.24	0.19
Socal Citygate	\$/MMBtu	9.05	9.36	0.31
Malin	\$/MMBtu	8.80	8.60	-0.20
Houston Ship Channel	\$/MMBtu	8.38	8.69	0.31
Henry Hub Cash	\$/MMBtu	8.87	8.49	-0.38
AECO Cash	C\$/GJ	6.42	6.11	-0.31
Station2 Cash	C\$/GJ	6.22	8.37	2.15
Dawn Cash	C\$/GJ	8.39	8.59	0.20

Source: CME, Bloomberg

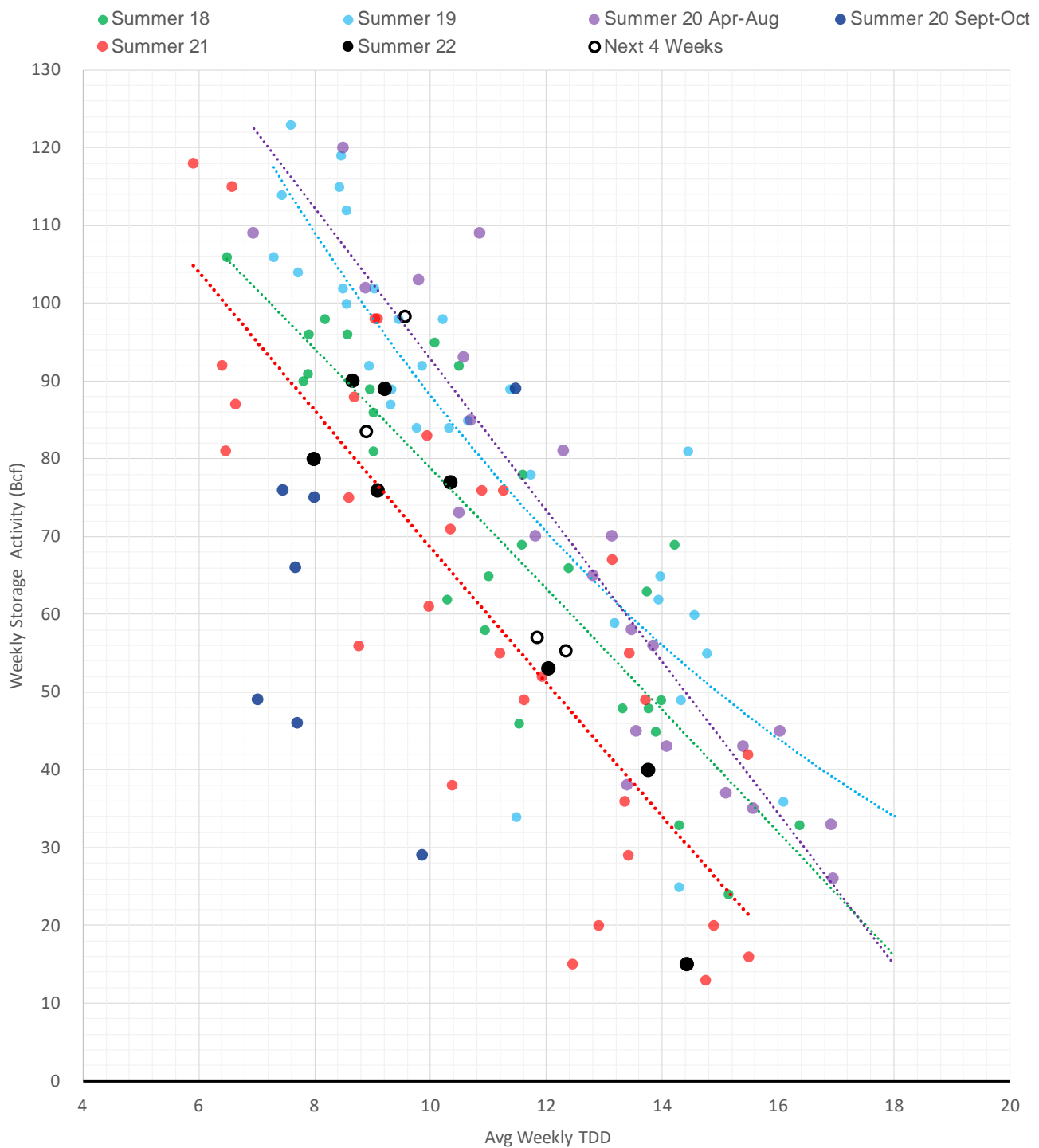
	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 2.194
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.299
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.086
NatGas Apr22/Oct22	\$/MMBtu	3.073	▼ -0.393	▼ -0.358	▲ 3.038
WTI Crude	\$/Bbl	116.87	▲ 2.780	▲ 8.610	▲ 48.060
Brent Crude	\$/Bbl	117.61	▲ 0.210	▲ 6.710	▲ 46.300
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	420.84	▲ 24.040	▲ 16.710	▲ 210.670
Propane, Mt. Bel	cents/Gallon	1.23	▼ -0.007	▼ -0.046	▲ 0.322
Ethane, Mt. Bel	cents/Gallon	0.64	▲ 0.039	▲ 0.013	▲ 0.372
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)



	JUL 22	AUG 22	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23
<b>Henry Hub</b>	\$8.641	\$8.619	\$8.584	\$8.549	\$8.559	\$8.633	\$8.600	\$8.333	\$7.186	\$5.411	\$5.223	\$5.271
<b>JKL</b>	\$24.015	\$24.130	\$25.810	\$26.130	\$29.255	\$29.840	\$30.610	\$29.520	\$24.300	\$24.025	\$22.795	\$22.400
<b>JKL-HHub</b>	\$15.374	\$15.511	\$17.226	\$17.581	\$20.696	\$21.207	\$22.010	\$21.187	\$17.114	\$18.614	\$17.572	\$17.129
<b>TTF</b>	\$26.433	\$27.138	\$28.372	\$29.536	\$30.475	\$30.770	\$30.926	\$30.844	\$29.966	\$26.079	\$25.165	\$24.632
<b>TTF-HHub</b>	\$17.792	\$18.519	\$19.788	\$20.987	\$21.916	\$22.137	\$22.326	\$22.511	\$22.780	\$20.668	\$19.942	\$19.361
<b>NBP</b>	\$20.052	\$22.665	\$26.312	\$26.863	\$30.392	\$31.563	\$31.760	\$31.905	\$29.878	\$25.831	\$22.819	\$21.821
<b>NBP-HHub</b>	\$11.411	\$14.046	\$17.728	\$18.314	\$21.833	\$22.930	\$23.160	\$23.572	\$22.692	\$20.420	\$17.596	\$16.550

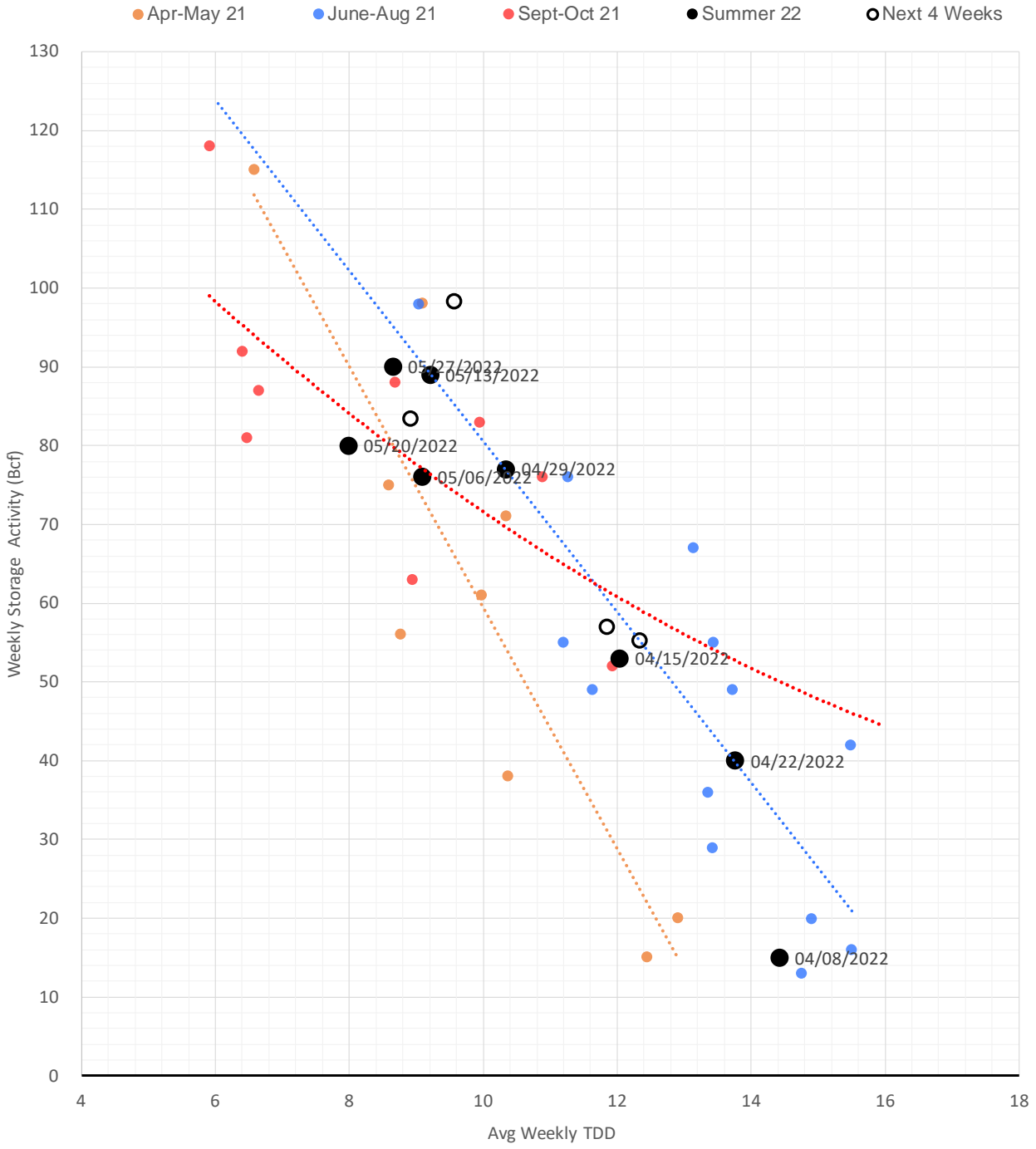
### Weather Storage Model - Next 4 Week Forecast



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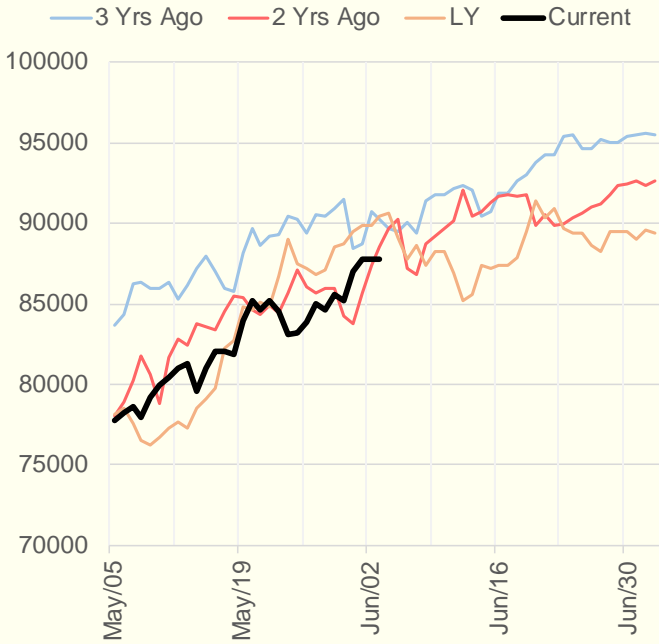


### Weather Storage Model for Summer 2021 & 2022

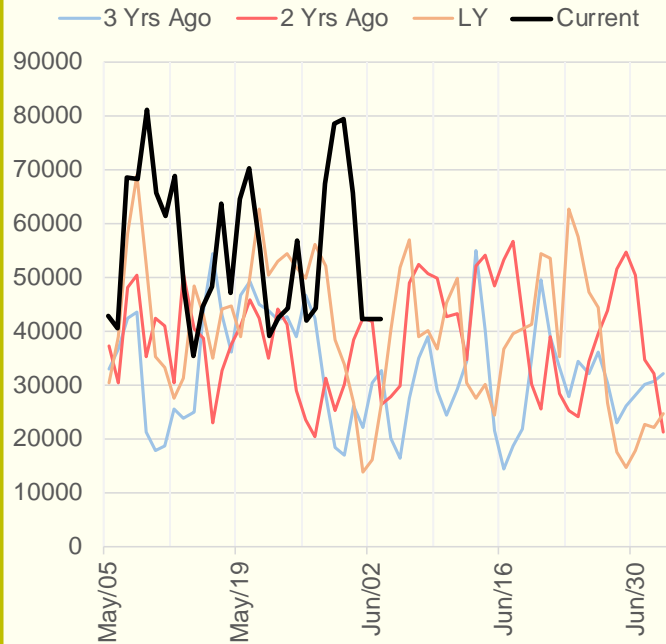


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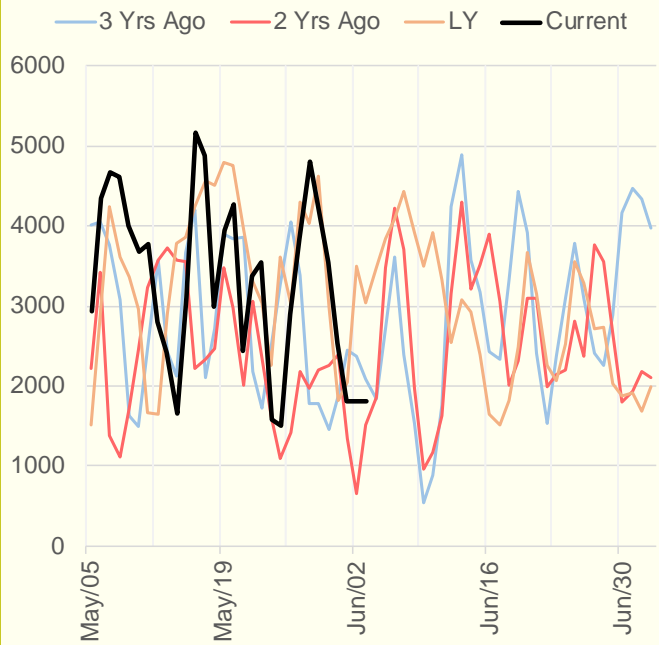
### NRC Nuclear Daily Output



### US Wind



### CALI Wind



### TEXAS Wind

