



Mexican

Exports

7.7

0.04

The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are not necessarily indicative of future results. This communication may contain links to third party websites which are not under the control of and are not maintained by ION Energy Group, and ION Energy Group is not responsible for their content.

0.36

Net LNG

Exports

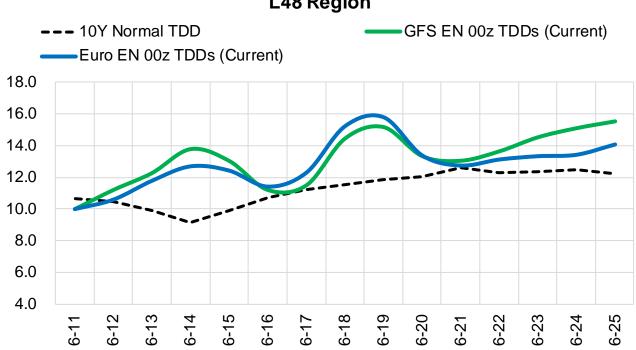
9.6

0.12

0.34

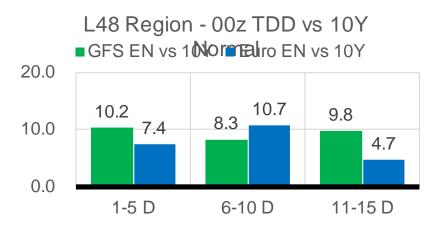


Short-term Weather Model Outlooks (00z)



L48 Region

Vs. 10Y Normal



Source: WSI, Bloomberg

Market Report

Daily Balances

	5-Jun	6-Jun	7-Jun	8-Jun	9-Jun	10-Jun	11-Jun	DoD	vs.7D
Lower 48 Dry Production	93.0	92.6	92.9	91.6	91.8	92.1	91.2	-0.8	▼-1.1
Canadian Imports	4.4	4.7	4.9	5.4	5.1	5.2	5.0	▼ -0.2	▲ 0.0
L48 Power	32.3	33.4	37.4	38.0	38.0	36.0	33.8	▼-2.2	▼ -2.0
L48 Residential & Commercial	7.7	8.0	8.8	8.6	8.8	8.9	8.4	▼ -0.5	▼ -0.1
L48 Industrial	20.0	20.9	21.3	21.3	21.0	20.5	19.8	▼ -0.7	T -1.1
L48 Lease and Plant Fuel	5.1	5.1	5.1	5.1	5.1	5.1	5.0	▼ 0.0	▼ -0.1
L48 Pipeline Distribution	2.0	2.0	2.3	2.3	2.3	2.2	2.1	▼ -0.1	▼ -0.1
L48 Regional Gas Consumption	67.1	69.5	74.9	75.3	75.2	72.8	69.1	▼ -3.6	💌 -3.3
Net LNG Delivered	9.87	8.66	8.49	8.97	8.95	9.52	9.64	0.1	0.6
Total Mexican Exports	7.1	6.7	7.2	7.5	7.5	7.6	7.7	0.0	0.4
Implied Daily Storage Activity EIA Reported Daily Storage Activity	13.3	12.5	7.2	5.1	5.2	7.3	9.7		

Lower 48 Component Models

Daily Model Error

EIA Storage Week Balances

7-May	14-May	21-May	28-May	4-Jun	11-Jun	WoW	vs. 4W
91.3	91.5	91.4	92.1	91.9	92.3	0.4	0.6
4.6	4.8	4.6	4.5	3.9	4.9	1.0	0.4
26.6	26.0	26.6	29.8	28.2	35.2	A 7.0	A 7.6
13.9	18.2	10.5	9.4	11.7	8.4	▼ -3.3	V -4.1
19.8	18.1	19.6	19.4	16.6	20.6	4 .0	2 .2
5.0	5.0	5.0	5.0	5.1	5.1	▲ 0.0	a 0.1
2.1	2.3	1.9	2.0	2.0	2.2	0.1	a 0.1
67.4	69.5	63.6	65.7	63.6	71.5	A 7.9	5.9
11.3	11.0	10.4	10.5	11.0	9.3	▼ -1.7	T -1.5
6.7	6.8	6.8	6.7	7.2	7.3	0.1	0.5
10.5 10.1	9.0 10.1 -1 1	15.2 16.4 -1 2	13.7 14.0 -0 3	14.0 14.0	9.2	-4.9	
	91.3 4.6 26.6 13.9 19.8 5.0 2.1 67.4 11.3 6.7 10.5	91.3 91.5 4.6 4.8 26.6 26.0 13.9 18.2 19.8 18.1 5.0 5.0 2.1 2.3 67.4 69.5 11.3 11.0 6.7 6.8 10.5 9.0 10.1 10.1	91.3 91.5 91.4 4.6 4.8 4.6 26.6 26.0 26.6 13.9 18.2 10.5 19.8 18.1 19.6 5.0 5.0 5.0 2.1 2.3 1.9 67.4 69.5 63.6 11.3 11.0 10.4 6.7 6.8 6.8 10.5 9.0 15.2 10.1 10.1 16.4	91.3 91.5 91.4 92.1 4.6 4.8 4.6 4.5 26.6 26.0 26.6 29.8 13.9 18.2 10.5 9.4 19.8 18.1 19.6 19.4 5.0 5.0 5.0 2.0 67.4 69.5 63.6 65.7 11.3 11.0 10.4 10.5 6.7 6.8 6.8 6.7 10.5 9.0 15.2 13.7 10.1 10.1 16.4 14.0	91.3 91.5 91.4 92.1 91.9 4.6 4.8 4.6 4.5 3.9 26.6 26.0 26.6 29.8 28.2 13.9 18.2 10.5 9.4 11.7 19.8 18.1 19.6 19.4 16.6 5.0 5.0 5.0 5.1 2.1 2.3 1.9 2.0 2.0 67.4 69.5 63.6 65.7 63.6 11.0 10.4 10.5 11.0 6.7 6.8 6.8 6.7 7.2 10.5 9.0 15.2 13.7 14.0 10.1 10.1 16.4 14.0 14.0	91.3 91.5 91.4 92.1 91.9 92.3 4.6 4.8 4.6 4.5 3.9 4.9 26.6 26.0 26.6 29.8 28.2 35.2 13.9 18.2 10.5 9.4 11.7 8.4 19.8 18.1 19.6 19.4 16.6 20.6 5.0 5.0 5.0 5.1 5.1 5.1 2.1 2.3 1.9 2.0 2.0 2.2 67.4 69.5 63.6 65.7 63.6 71.5 11.3 11.0 10.4 10.5 11.0 9.3 6.7 6.8 6.8 6.7 7.2 7.3 10.5 9.0 15.2 13.7 14.0 9.2 10.1 10.4 14.0 14.0 14.0	91.391.591.492.191.992.30.44.64.84.64.53.94.91.026.626.026.629.828.235.27.013.918.210.59.411.78.4 \checkmark -3.319.818.119.619.416.620.6 \blacktriangle 4.05.05.05.05.15.1 \checkmark 0.02.12.31.92.02.02.2 \checkmark 0.167.469.563.665.763.671.57.911.311.010.410.511.09.3 \checkmark -1.76.76.86.86.77.27.3 \checkmark 0.110.59.015.213.714.09.2-4.910.110.116.414.014.014.014.0

Monthly Balances

	2Yr Ago	LY					MTD		
	Jun-19	Jun-20	Feb-21	Mar-21	Apr-21	May-21	Jun-21	МоМ	vs. LY
Lower 48 Dry Production	91.5	87.7	85.2	91.8	91.4	91.6	92.2	0.6	0.4
Canadian Imports	4.7	4.0	6.3	4.8	4.7	4.5	4.7	0.2	T-0.1
L48 Power	33.1	34.9	27.7	24.3	25.0	27.1	34.1	7 .0	9.8
L48 Residential & Commercial	9.0	8.8	47.1	29.3	20.0	13.1	8.4	▼ -4.7	▼-20.9
L48 Industrial	22.5	19.9	21.3	19.7	20.3	18.9	19.5	0.6	T -0.2
L48 Lease and Plant Fuel	5.0	4.8	4.7	5.0	5.0	5.0	5.1	A 0.1	A 0.1
L48 Pipeline Distribution	2.1	2.2	3.3	2.5	2.2	2.1	2.1	0 .0	▼ -0.5
L48 Regional Gas Consumption	71.7	70.7	104.1	80.9	72.5	66.1	69.1	3.0	▼-11.8
Net LNG Exports	5.5	4.0	8.6	11.1	11.5	10.8	9.8	▼-1.1	▼-1.4
Total Mexican Exports	5.2	5.5	5.8	6.5	6.7	6.8	7.4	0.6	0.9
Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error	13.8	11.5	-27.0	-2.0	5.4	12.4	10.6		

Source: Bloomberg, analytix.ai

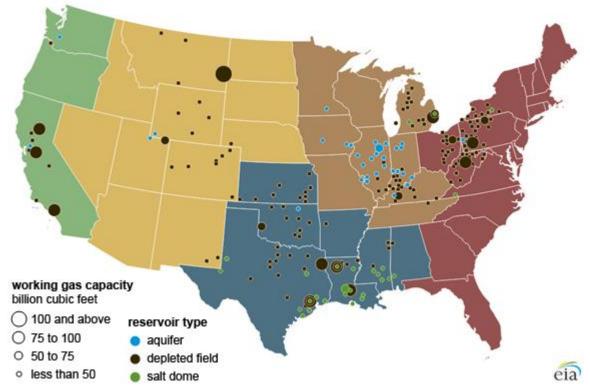


Regional S/D Models Storage Projection

Week Ending	11-Jun			
			Daily	
			Average	Weekly
		Daily	Storage	Adjusted
	Daily Raw	Adjustment	Activity	Storage
	Storage	Factor	(Adjusted) *	Activity
L48	8.8	0.8	9.6	67
East	1.8	1.0	2.8	19
Midwest	4.1	-0.7	3.4	24
Mountain	4.7	-3.4	1.3	9
South Central	-3.3	4.4	1.2	8
Pacific	1.5	-0.5	0.9	6

*Adjustment Factor is calcuated based on historical regional deltas

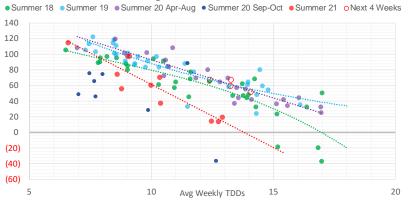
U.S. underground natural gas storage facilities by type (July 2015)



Weather Model Storage Projection

Next report and beyond		
Week Ending	GWDDs	Week Storage Projection
11-Jun	13.3	67
18-Jun	12.4	67
25-Jun	14.1	51
02-Jul	13.3	60

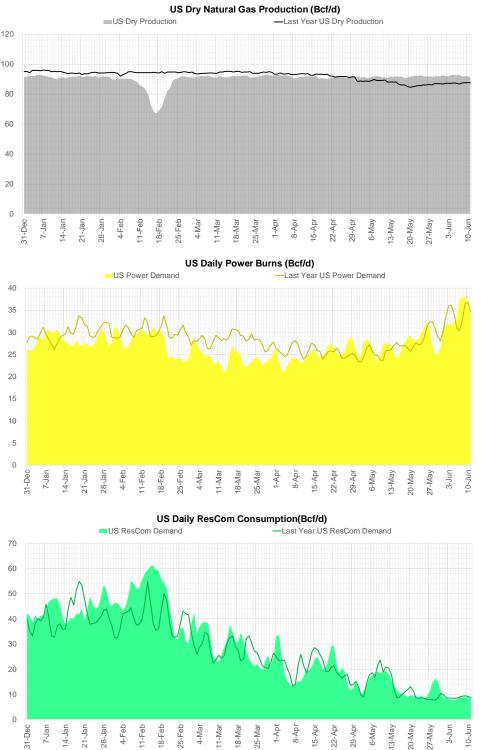
Weather Storage Model - Next 4 Week Forecast



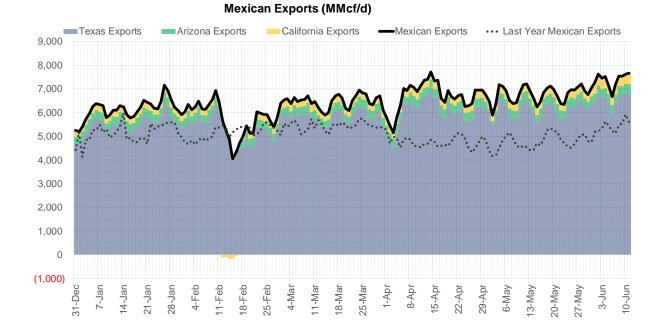
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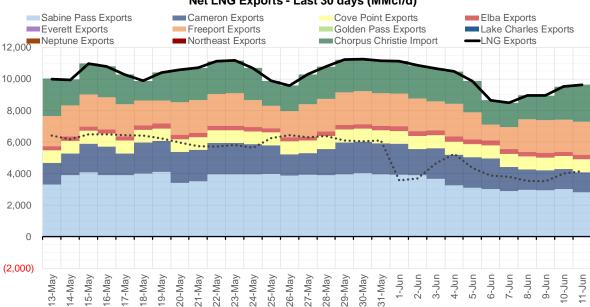






Source: Bloomberg





Net LNG Exports - Last 30 days (MMcf/d)

Source: Bloomberg



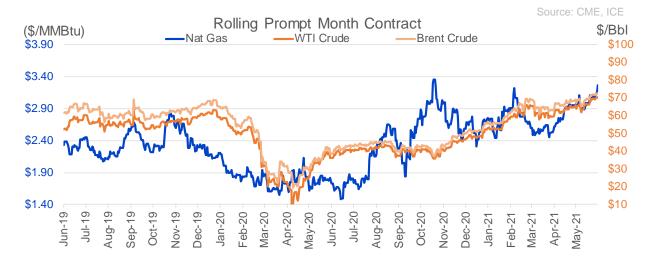
Nat Gas Options Volume and Open Interest CME, ICE and Nasdaq Combined

	CONTRACT	PUT/CALL	STRIKE	CUMULATIVE	CONTRACT	CONTRACT	PUT/CALL	STRIKE	CUMULATIVE OI
MONTH	YEAR			VOL	MONTH	YEAR			
8	2021	Р	2.90	9751	10	2021	С	4.00	41862
7	2021	P	2.80	5943	8	2021	č	3.50	41749
7	2021	P	2.90	5783	9	2021	C	4.00	35207
7	2021	P	2.75	5559	10	2021	P	2.50	31967
8	2021	C	3.50	3780	7	2021	Р	2.90	30952
8	2021	P	2.75	3658	10	2021	С	3.50	30703
8	2021	C	3.25	3531	7	2021	С	3.25	30347
7	2021	P	3.00	3260	10	2021	С	3.25	29783
8	2021	C	3.75	2300	7	2021	Р	2.50	28796
8	2021	P	2.70	2277	8	2021	С	3.25	28387
8	2021	P	2.80	2274	7	2021	С	3.50	27170
7	2021	Р	3.15	2207	8	2021	Р	2.50	26993
7	2021	C	3.75	1875	10	2021	С	5.00	26976
7	2021	C	3.50	1840	7	2021	Р	2.75	26840
8	2021	P	2.50	1742	8	2021	С	4.00	26471
9	2021	C	3.75	1690	7	2021	С	4.00	26381
8	2021	P	3.15	1684	7	2021	Р	3.00	25849
7	2021	C	3.25	1563	9	2021	С	3.50	25458
8	2021	P	2.60	1512	10	2021	Р	2.00	23766
9	2021	С	3.50	1512	7	2021	С	3.75	23703
8	2021	C	3.70	1500	7	2021	Р	2.80	23577
8	2021	C	4.00	1481	9	2021	P	2.50	23164
10	2021	P	3.15	1319	7	2021	Р	2.85	22507
7	2021	С	3.35	1309	7	2021	С	3.00	22050
7	2021	C	3.30	1225	12	2021	С	4.00	20977
7	2021	Р	2.85	1173	8	2021	С	3.75	20822
8	2021	Р	3.00	1138	9	2021	Р	2.00	20423
8	2021	С	3.20	887	8	2021	P C	2.75	19800
3	2022	P	2.70	850	9	2021	P	3.25	19768
3	2022	Р	2.90	850	8 8	2021 2021	P	2.00 2.25	19664 19624
3	2022	С	3.25	775	8 4	2021	P C	2.25	
7	2021	C	4.00	760	4 10	2022 2021	c	3.00	19548 18728
7	2021	С	3.15	759	10	2021	P	3.00 2.75	18370
7	2021	Р	3.10	752	10	2021	P	2.75	17953
1	2022	С	3.00	750	10	2021	C	4.00	17955
1	2022	С	3.25	750	8	2021	P	3.00	17586
1	2022	С	6.00	750	3	2022	C	4.00	16900
1	2022	С	8.00	750	8	2022	P	2.90	16292
2	2022	С	3.00	750	8	2021	c	3.00	16060
2	2022	С	3.25	750	7	2021	P	2.00	16035
3	2022	С	3.00	750	11	2021	P	2.50	15467
10	2021	Р	2.00	735	3	2022	c	3.00	15044
8	2021	С	3.30	732	7	2021	P	2.70	14945
7	2021	P	3.05	718	3	2022	c	5.00	14100
10	2021	Р	2.90	715	7	2021	c	3.15	14004
1	2022	Р	3.00	650	10	2021	č	6.00	13996
10	2021	Р	2.75	647	12	2021	P	2.00	13884
7	2021	С	3.20	626	10	2021	C	4.50	13872
8	2021	P	3.20	569	9	2021	P	1 9	13732
							Source	CME, ICE	

ENERGY

Nat Gas Futures Open Interest CME, and ICE Combined

CME Henry H	lub Futures (1			ICE Henry I	Hub Futures Con			
	Current	Prior	Daily Change		Current	Prior	Daily Change	
JUL 21	190793	217562	-26769	JUL 21	95782	97378	-1596	
AUG 21	138026	130489	7537	AUG 21	82889	81706	1183	
SEP 21	187799	172525	15274	SEP 21	83008	81713	1295	
OCT 21	143719	145045	-1326	OCT 21	97052	96618	434	
NOV 21	83459	82724	735	NOV 21	70898	71137	-240	
DEC 21	57615	57203	412	DEC 21	67256	66983	273	
JAN 22	83427	83498	-71	JAN 22	76062	75869	193	
FEB 22	34327	33921	406	FEB 22	61510	61406	104	
MAR 22	73020	68614	4406	MAR 22	63353	63114	239	
APR 22	70946	70495	451	APR 22	54701	54589	112	
MAY 22	47450	46090	1360	MAY 22	51307	51028	279	
JUN 22	22114	21231	883	JUN 22	47271	46994	278	
JUL 22	14636	14036	600	JUL 22	46376	46159	217	
AUG 22	14062	13245	817	AUG 22	46042	45694	348	
SEP 22	14265	14116	149	SEP 22	46627	46379	248	
OCT 22	38349	36957	1392	OCT 22	52703	52509	194	
NOV 22	14239	13832	407	NOV 22	40860	40613	248	
DEC 22	11123	11147	-24	DEC 22	45284	45174	110	
JAN 23	5684	5715	-31	JAN 23	24917	24890	26	
FEB 23	2881	2826	55	FEB 23	22723	22707	16	
MAR 23	6588	6523	65	MAR 23	25297	25250	47	
APR 23	7978	7828	150	APR 23	20844	20958	-115	
MAY 23	4538	4536	2	MAY 23	20452	20415	37	
JUN 23	984	982	2	JUN 23	18987	18981	6	
JUL 23	1683	1683	0	JUL 23	19005	18948	57	
AUG 23	835	835	0	AUG 23	19071	19015	57	
SEP 23	813	813	0	SEP 23	18536	18481	55	
OCT 23	2243	2243	0	OCT 23	19273	19264	9	
NOV 23	693	693	0	NOV 23	18511	18532	-22	
DEC 23	1128	1129	-1	DEC 23	19128	19112	16	



\$1.780

\$1.349

Last Year

vs. Last Year

\$1.870

\$1.274

Market Report

\$2.018

\$1.139

\$1.925

\$1.212

\$2.382

\$0.841

\$2.852

\$0.487

\$2.986

\$0.433

\$2.953

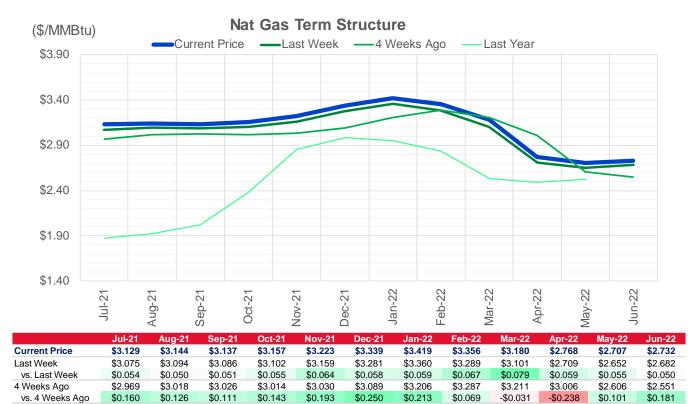
\$0.403

\$2.840

\$0.340

\$2.530

\$0.238



		<u> </u>		
		Cash	Prompt	Cash to
	Units	Settled	Settle	Prompt
AGT Citygate	\$/MMBtu	2.40	2.68	0.28
TETCO M3	\$/MMBtu	2.06	2.56	0.50
FGT Zone 3	\$/MMBtu	2.20	3.15	0.95
Zone 6 NY	\$/MMBtu	2.20	2.52	0.32
Chicago Citygate	\$/MMBtu	3.05	2.98	-0.07
Michcon	\$/MMBtu	3.02	2.91	-0.11
Columbia TCO Pool	\$/MMBtu	2.70	2.54	-0.16
Ventura	\$/MMBtu	2.66	2.91	0.25
Rockies/Opal	\$/MMBtu	2.93	2.96	0.03
El Paso Permian Basin	\$/MMBtu	2.86	3.04	0.18
Socal Citygate	\$/MMBtu	3.44	4.19	0.75
Malin	\$/MMBtu	2.92	3.37	0.45
Houston Ship Channel	\$/MMBtu	3.12	3.11	-0.01
Henry Hub Cash	\$/MMBtu	3.10	2.93	-0.17
AECO Cash	C\$/GJ	2.69	2.61	-0.08
Station2 Cash	C\$/GJ	2.66	3.27	0.61
Dawn Cash	C\$/GJ	3.01	2.92	-0.09

Source: CME, Bloomberg

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\$2.525

\$0.207

\$2.494

\$0.213

П	ENERGY

				vs. 4 Weeks	
	Units	Current Price	vs. Last Week	Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	0.029	-0.001	a 0.010	a 0.028
NatGas Oct21/Nov21	\$/MMBtu	0.060	-0.002	-0.003	a 0.020
NatGas Oct21/Jan22	\$/MMBtu	0.250	-0.019	-0.015	-0.017
NatGas Apr22/Oct22	\$/MMBtu	0.014	-0.021	-0.011	-0.043
WTI Crude	\$/Bbl	70.29	1.480	6.470	a 33.950
Brent Crude	\$/Bbl	72.52	1.210	5 .470	a 33.970
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	0.000	0.000	▲ 0.000
Heating Oil	cents/Gallon	214.34	4 .170	1 4.250	1 05.540
Propane, Mt. Bel	cents/Gallon	0.94	a 0.036	a 0.141	a 0.450
Ethane, Mt. Bel	cents/Gallon	0.28	a 0.008	a 0.019	a 0.051
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			





Summer 18

Summer 19

Summer 20 Apr-Aug

Summer 20 Sept-Oct

ct • Summer 21

ONext 4 Weeks

