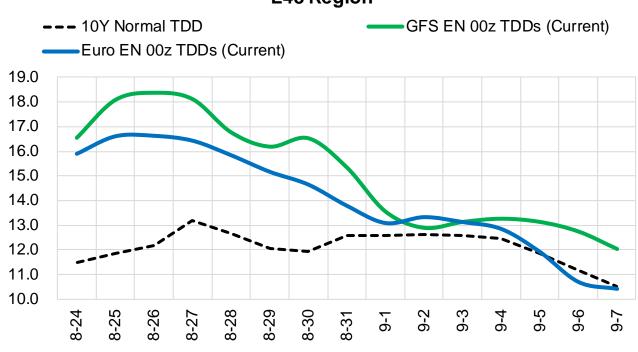


| | Current | ∆ from YD | ∆ from 7D Avg | | Current | ∆ from YD | ∆ from 7D Avg |
|----------------------|---------|---------------|------------------|--------------------|---------|---------------|------------------|
| US Dry Production | 91.3 | ▼ -1.85 | ✓ -1.57 | US Power Burns | 42.9 | a 0.79 | 2 .38 |
| | Current | Δ from YD | ∆ from 7D Avg | | Current | ∆ from YD | ∆ from 7D Avg |
| US ResComm | 7.8 | ▲ 0.14 | 0.17 | Canadian mports | 5.0 | - 0.10 | ▼ -0.15 |
| | Current | ∆ from YD | ∆ from 7D Avg | | Current | ∆ from YD | ∆ from 7D Avg |
| Net LNG Exports | 10.1 | - 0.21 | -0.60 | Mexican Exports | 6.9 | a 0.31 | - 0.04 |

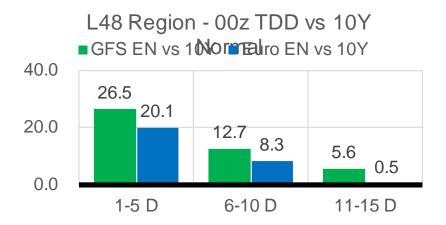


Short-term Weather Model Outlooks (00z)



L48 Region

Vs. 10Y Normal



Source: WSI, Bloomberg

Market Report

Daily Balances

| | 18-Aug | 19-Aug | 20-Aug | 21-Aug | 22-Aug | 23-Aug | 24-Aug | DoD | vs.7D |
|---|--------|--------|--------|--------|--------|--------|--------|---------------|---------------|
| Lower 48 Dry Production | 92.5 | 93.1 | 92.9 | 92.8 | 92.9 | 93.1 | 91.3 | T -1.8 | ▼ -1.6 |
| Canadian Imports | 5.3 | 5.3 | 5.3 | 5.1 | 5.0 | 5.1 | 5.0 | T-0.1 | ▼ -0.2 |
| L48 Power | 41.6 | 42.2 | 41.1 | 39.0 | 38.7 | 42.2 | 42.9 | a 0.8 | 2 .2 |
| L48 Residential & Commercial | 7.9 | 8.1 | 7.8 | 7.1 | 7.2 | 7.7 | 7.8 | A 0.1 | a 0.2 |
| L48 Industrial | 20.1 | 20.2 | 20.1 | 19.9 | 20.0 | 20.0 | 20.2 | A 0.2 | 0.2 |
| L48 Lease and Plant Fuel | 5.1 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.0 | ▼ -0.1 | ▼ -0.1 |
| L48 Pipeline Distribution | 2.4 | 2.4 | 2.4 | 2.2 | 2.2 | 2.4 | 2.5 | a 0.0 | a 0.1 |
| L48 Regional Gas Consumption | 77.1 | 78.0 | 76.5 | 73.3 | 73.2 | 77.5 | 78.5 | 1.0 | 2.5 |
| Net LNG Delivered | 10.72 | 10.55 | 10.81 | 10.85 | 10.72 | 10.33 | 10.12 | -0.2 | v -0.5 |
| Total Mexican Exports | 7.2 | 7.2 | 7.0 | 6.6 | 6.3 | 6.5 | 6.9 | A 0.3 | ▲ 0.0 |
| Implied Daily Storage Activity EIA Reported Daily Storage Activity | 2.7 | 2.7 | 3.9 | 7.1 | 7.6 | 3.9 | 0.8 | | |

Lower 48 Component Models

Daily Model Error

EIA Storage Week Balances

| | 16-Jul | 23-Jul | 30-Jul | 6-Aug | 13-Aug | 20-Aug | WoW | vs. 4W |
|-------------------------------------|--------|--------|--------|-------|--------|--------|---------------|---------------|
| Lower 48 Dry Production | 92.5 | 92.6 | 92.6 | 92.0 | 92.4 | 92.4 | ▼ 0.0 | ▲ 0.0 |
| Canadian Imports | 5.2 | 4.9 | 5.5 | 5.1 | 5.2 | 5.0 | ▼ -0.1 | T-0.1 |
| L48 Power | 38.7 | 39.7 | 42.1 | 38.4 | 41.1 | 39.6 | - 1.5 | ▼-0.7 |
| L48 Residential & Commercial | 8.4 | 8.4 | 8.3 | 7.8 | 7.7 | 7.6 | V -0.1 | - 0.5 |
| L48 Industrial | 19.6 | 19.7 | 20.7 | 20.3 | 19.9 | 20.1 | 0.1 | - 0.1 |
| L48 Lease and Plant Fuel | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | ▼ 0.0 | • 0.0 |
| L48 Pipeline Distribution | 2.2 | 2.3 | 2.4 | 2.2 | 2.4 | 2.3 | V -0.1 | • 0.0 |
| L48 Regional Gas Consumption | 74.1 | 75.2 | 78.7 | 73.8 | 76.2 | 74.7 | 🔽 -1.5 | ▼-1.3 |
| Net LNG Exports | 10.8 | 10.5 | 10.8 | 10.6 | 9.9 | 10.9 | 0.9 | 0.4 |
| Total Mexican Exports | 7.1 | 7.1 | 7.0 | 6.9 | 6.8 | 6.9 | ▲ 0.0 | T -0.1 |
| Implied Daily Storage Activity | 5.6 | 4.6 | 1.7 | 5.7 | 4.6 | 5.0 | 0.4 | |
| EIA Reported Daily Storage Activity | 7.0 | 5.1 | 1.9 | 7.0 | 6.6 | | | |
| Daily Model Error | -1.4 | -0.5 | -0.2 | -1.3 | -2.0 | | | |

Monthly Balances

| | 2Yr Ago | LY | | | | | MTD | | |
|--|---------|--------|--------|--------|--------|--------|--------|--------------|---------------|
| | Aug-18 | Aug-18 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | МоМ | vs. LY |
| Lower 48 Dry Production | 85.0 | 85.0 | 92.3 | 92.7 | 93.0 | 92.3 | 92.3 | ▼ 0.0 | 7.3 |
| Canadian Imports | 5.0 | 5.0 | 4.6 | 4.5 | 4.8 | 5.2 | 5.1 | -0.1 | 0.1 |
| L48 Power | 38.1 | 38.1 | 24.9 | 26.6 | 35.3 | 39.4 | 39.9 | a 0.5 | 1.8 |
| L48 Residential & Commercial | 7.8 | 7.8 | 19.5 | 13.2 | 8.8 | 8.3 | 7.6 | ▼ -0.7 | T -0.1 |
| L48 Industrial | 21.6 | 21.6 | 21.2 | 20.3 | 20.8 | 19.9 | 20.0 | A 0.1 | T -1.5 |
| L48 Lease and Plant Fuel | 4.7 | 4.7 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | ▼ 0.0 | 0 .4 |
| L48 Pipeline Distribution | 2.2 | 2.2 | 2.3 | 2.1 | 2.2 | 2.3 | 2.3 | 0.0 | 0.2 |
| L48 Regional Gas Consumption | 74.4 | 74.4 | 73.0 | 67.2 | 72.3 | 75.0 | 75.0 | 0.0 | 0.7 |
| Net LNG Exports | 3.3 | 3.3 | 11.5 | 10.8 | 10.2 | 10.8 | 10.4 | ▼ -0.4 | ▲ 7.1 |
| Total Mexican Exports | 4.9 | 4.9 | 6.7 | 6.8 | 7.4 | 7.0 | 6.9 | ▼ -0.2 | 1.9 |
| Implied Daily Storage Activity EIA Reported Daily Storage Activity Daily Model Error | 7.4 | 7.4 | 5.7 | 12.4 | 8.0 | 4.6 | 5.0 | | |

Source: Bloomberg, analytix.ai

Daily Average Generation Data

Nuclear Generation Daily Average - GWh (NRC)

ENERGY

| | 16-Aug | 17-Aug | 18-Aug | 19-Aug | 20-Aug | 21-Aug | 22-Aug | DoD | vs.7D |
|-------------------------------|--------|--------|--------|--------|--------|--------|--------|-----|-------|
| NRC Nuclear Daily Output | 92.3 | 92.6 | 92.8 | 91.5 | 91.4 | 91.4 | 91.4 | 0.0 | -0.6 |
| 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 | 12.6 | 12.3 | 12.0 | 13.4 | 13.4 | 13.4 | 13.4 | 0.0 | 0.6 |
| NRC % Nuclear Cap Utilization | 93.9 | 94.2 | 94.4 | 93.0 | 93.0 | 93.0 | 93.0 | 0.0 | -0.6 |

Wind Generation Daily Average - MWh (EIA)

| | 16-Aug | 17-Aug | 18-Aug | 19-Aug | 20-Aug | 21-Aug | 22-Aug | DoD | vs.7D |
|------------|--------|--------|--------|--------|--------|--------|--------|------|-------|
| CALI Wind | 3042 | 3553 | 3565 | 2675 | 1414 | 2441 | 1663 | -777 | -1118 |
| TEXAS Wind | 5411 | 5691 | 9772 | 14683 | 15088 | 13159 | 14159 | 1000 | 3525 |
| US Wind | 31339 | 31829 | 31824 | 32643 | 48112 | 40796 | 42756 | 1959 | 6665 |

Generation Daily Average - MWh (EIA)

| | 16-Aug | 17-Aug | 18-Aug | 19-Aug | 20-Aug | 21-Aug | 22-Aug | DoD | vs. 7D |
|--------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| US Wind | 31339 | 31829 | 31824 | 32643 | 48112 | 40796 | 42756 | 1959 | 6665 |
| US Solar | 11810 | 12041 | 13109 | 13229 | 13057 | 13419 | 14168 | 748 | 1390 |
| US Petroleum | 3873 | 4700 | 4855 | 5400 | 4719 | 4035 | 3399 | -636 | -1198 |
| US Other | 9179 | 10040 | 10604 | 10430 | 9671 | 9278 | 9650 | 373 | -217 |
| US Coal | 133602 | 136336 | 136612 | 137970 | 131327 | 125307 | 129733 | 4427 | -3792 |
| US Nuke | 95017 | 95330 | 95548 | 95254 | 94039 | 94014 | 94050 | 37 | -816 |
| US Hydro | 27865 | 28238 | 31305 | 32151 | 32434 | 30021 | 26951 | -3070 | -3385 |
| US Gas | 208241 | 210007 | 218896 | 222791 | 214169 | 193094 | 185409 | -7685 | -25791 |

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

Storage Week Average Generation Data

Nuclear Generation Weekly Average - GWh (NRC)

| | 16-Jul | 23-Jul | 30-Jul | 6-Aug | 13-Aug | 20-Aug | WoW | WoW Bcf/d Impact |
|-------------------------------|--------|--------|--------|-------|--------|--------|------|------------------------|
| NRC Nuclear Daily Output | 90.7 | 90.7 | 89.3 | 90.6 | 91.5 | 92.4 | 0.8 | -0.1 |
| NRC Nuclear Max Capacity | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 0.0 | |
| NRC Nuclear Outage | 14.2 | 14.2 | 15.6 | 14.3 | 13.3 | 12.5 | -0.8 | |
| NRC % Nuclear Cap Utilization | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | |

Wind Generation Weekly Average - MWh (EIA)

| | 16-Jul | 23-Jul | 30-Jul | 6-Aug | 13-Aug | 20-Aug | WoW | WoW Bcf/d Impact |
|------------|--------|--------|--------|-------|--------|--------|--------|------------------------|
| CALI Wind | 3004 | 2064 | 1905 | 2237 | 2507 | 3210 | 703 | -0.1 |
| TEXAS Wind | 10817 | 7162 | 7913 | 5180 | 16319 | 7171 | -9147 | 1.5 |
| US Wind | 36364 | 26446 | 29735 | 22376 | 49585 | 29141 | -20443 | 3.4 |

Generation Weekly Average - MWh (EIA)

| | 16-Jul | 23-Jul | 30-Jul | 6 440 | 12 4110 | 20 4119 | WoW | WoW Bcf/d |
|--------------|--------|--------|--------|--------|---------|---------|--------|--------------|
| | io-Jui | ∠3-Jui | 30-Jui | 6-Aug | 13-Aug | 20-Aug | VVOVV | Impact |
| US Wind | 36364 | 26446 | 29735 | 22376 | 49585 | 29141 | -20443 | 3.4 |
| US Solar | 14486 | 14023 | 13977 | 14130 | 14385 | 12624 | -1760 | 0.3 |
| US Petroleum | 4282 | 3892 | 4729 | 4074 | 4709 | 4466 | -243 | 0.0 |
| US Other | 9555 | 9336 | 9281 | 9058 | 10066 | 9964 | -101 | 0.0 |
| US Coal | 131514 | 137623 | 146407 | 134740 | 140522 | 138047 | -2475 | 0.4 |
| US Nuke | 93735 | 93488 | 92226 | 93269 | 94283 | 95157 | 874 | -0.1 |
| US Hydro | 30422 | 30196 | 29209 | 27738 | 27022 | 28982 | 1960 | -0.3 |
| US Gas | 199737 | 210463 | 224359 | 204525 | 208196 | 211936 | 3740 | |
| | | | | | | | | |

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai



Monthly Average Generation Data

Nuclear Generation Monthly Average - GWh (NRC)

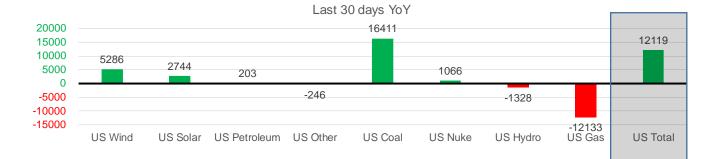
| | 2Yr Ago | LY | | | | MTD | | | |
|-------------------------------|-----------------|-----------------|--------|--------|--------|--------|-----------------|--------------------|---------------------|
| | Same 30 days | Same 30 days | May-21 | Jun-21 | Jul-21 | Aug-21 | Last 30 days | MoM (MTD vs LY) | Last 30 days YoY |
| NRC Nuclear Daily Output | 94.4 | 90.7 | 81.8 | 88.7 | 90.0 | 91.7 | 91.4 | 1.7 | 0.7 |
| 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 | 10.5 | 14.1 | 23.1 | 16.2 | 14.9 | 13.2 | 13.5 | -1.7 | -0.7 |
| NRC % Nuclear Cap Utilization | 96.0 | 92.3 | 83.2 | 90.2 | 91.5 | 93.3 | 92.9 | 1.7 | 0.7 |

Wind Generation Monthly Average - MWh (EIA)

| | 2Yr Ago | LY | | | | MTD | | | | |
|------------|-----------------|-----------------|--------|--------|--------|--------|-----------------|--------------------|---------------------|--|
| | Same 30 days | Same 30 days | May-21 | Jun-21 | Jul-21 | Aug-21 | Last 30 days | MoM (MTD vs LY) | Last 30 days YoY | |
| CALI Wind | 2243 | 2269 | 3402 | 2913 | 2338 | 2541 | 2364 | 203 | 95 | |
| TEXAS Wind | 8058 | 8580 | 12259 | 9675 | 7217 | 10818 | 9679 | 3601 | 1099 | |
| US Wind | 25716 | 28972 | 46083 | 37299 | 29105 | 36372 | 34259 | 7267 | 5286 | |

Generation Monthly Average - MWh (EIA)

| | 2Yr Ago | LY | | | | MTD | | | |
|--------------|-----------------|-----------------|--------|--------|--------|--------|-----------------|--------------------|---------------------|
| | Same 30 days | Same 30 days | May-21 | Jun-21 | Jul-21 | Aug-21 | Last 30 days | MoM (MTD vs LY) | Last 30 days YoY |
| US Wind | 25716 | 28972 | 46083 | 37299 | 29105 | 36372 | 34259 | ▼-2113.7 | 5286 |
| US Solar | 9217 | 11005 | 14489 | 14564 | 14195 | 13686 | 13750 | 6 3.8 | 2744 |
| US Petroleum | 5140 | 4193 | 3012 | 4150 | 4233 | 4307 | 4395 | A 89 | 203 |
| US Other | 9337 | 9886 | 7439 | 8161 | 9324 | 9723 | 9640 | -83 | -246 |
| US Coal | 126299 | 121886 | 86419 | 121357 | 137228 | 135638 | 138297 | a 2659 | 🔺 16411 |
| US Nuke | 100663 | 92933 | 85517 | 92175 | 92897 | 94339 | 93999 | - 339 | 4 1066 |
| US Hydro | 32243 | 29628 | 30681 | 32578 | 29939 | 28053 | 28301 | 248 | T -1328 |
| US Gas | 220605 | 221856 | 139478 | 188815 | 207785 | 204382 | 209722 | 523 | ▼-12133 |
| US Total | 530536 | 520183 | 413549 | 499469 | 524889 | 526530 | 532301 | A 3159 | A 12119 |



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

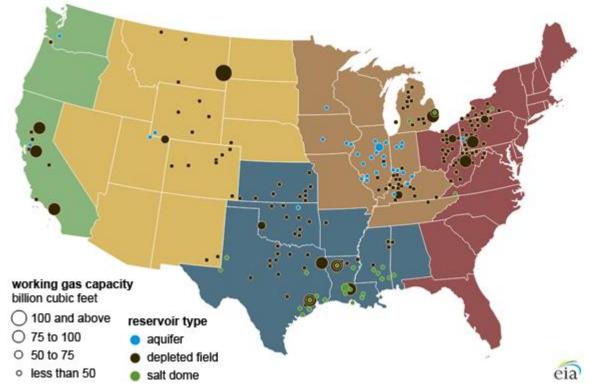


Regional S/D Models Storage Projection

| Week Ending | 20-Aug | | | |
|---------------|-----------|------------|--------------|----------|
| | | | Daily | |
| | | | Average | Weekly |
| | | Daily | Storage | Adjusted |
| | Daily Raw | Adjustment | Activity | Storage |
| | Storage | Factor | (Adjusted) * | Activity |
| L48 | 4.7 | 1.7 | 6.4 | 45 |
| | | | | |
| East | 2.0 | 1.2 | 3.2 | 22 |
| Midwest | 3.7 | -0.2 | 3.5 | 25 |
| Mountain | 4.0 | -4.0 | 0.0 | 0 |
| South Central | -5.4 | 4.9 | -0.5 | -3 |
| Pacific | 0.4 | -0.2 | 0.2 | 1 |

*Adjustment Factor is calcuated based on historical regional deltas

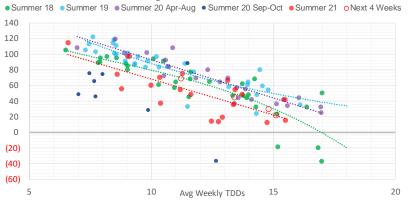
U.S. underground natural gas storage facilities by type (July 2015)



Weather Model Storage Projection

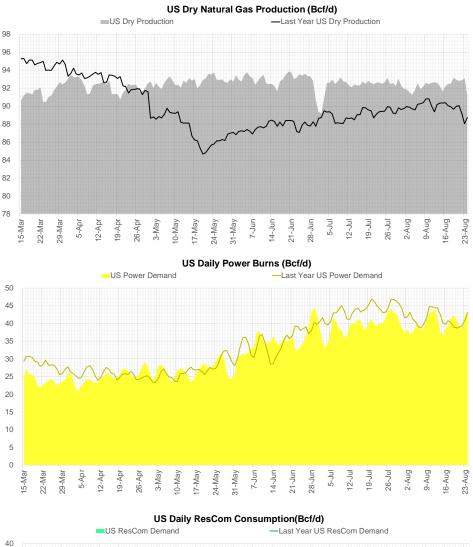
| Next report and beyond | | |
|---------------------------|-------|----------------------------|
| Week Ending | GWDDs | Week Storage Projection |
| 20-Aug | 13.4 | 45 |
| 27-Aug | 15.1 | 22 |
| 03-Sep | 14.8 | 30 |
| 10-Sep | 11.2 | 69 |

Weather Storage Model - Next 4 Week Forecast

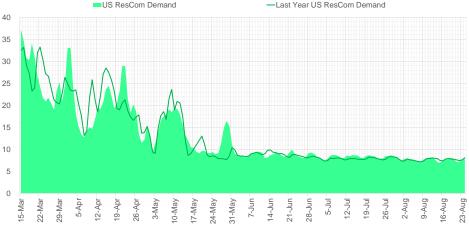


Go to larger image



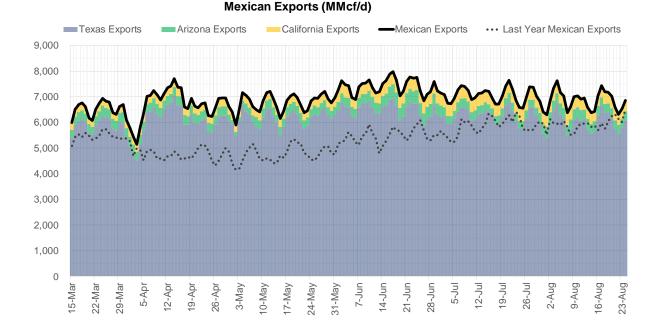


Supply – Demand Trends



Source: Bloomberg





Sabine Pass Exports Cameron Exports Cove Point Exports Elba Exports Everett Exports Freeport Exports Golden Pass Exports Lake Charles Exports LNG Exports Chorpus Christie Import Neptune Exports Northeast Exports 12,000 10,000 8,000 6,000 4,000 2,000 0 (2,000)4-Aug 8-Aug 9-Aug 27-Jul 2-Aug 3-Aug 5-Aug 6-Aug 7-Aug 0-Aug 11-Aug 12-Aug 3-Aug 14-Aug 5-Aug 6-Aug I7-Aug 8-Aug 9-Aug 21-Aug 26-Jul 28-Jul 31-Jul 1-Aug 20-Aug 22-Aug 24-Aug 29-Jul 30-Jul 23-Aug

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

Source: Bloomberg

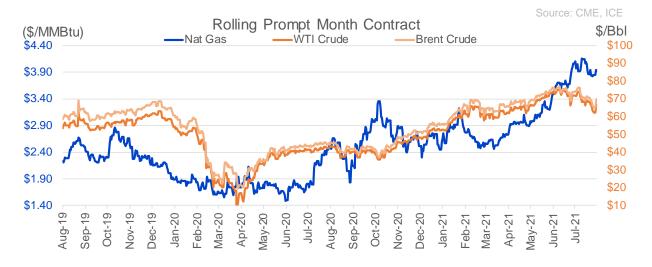


Nat Gas Options Volume and Open Interest CME, ICE and Nasdaq Combined

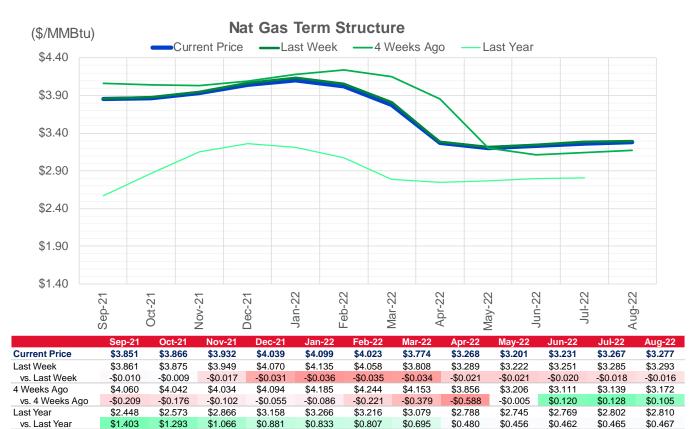
| CONTRACT MONTH | CONTRACT YEAR | PUT/CALL | STRIKE | CUMULATIVE VOL | CONTRACT MONTH | CONTRACT YEAR | PUT/CALL | STRIKE | CUMULATIVE OI |
|-------------------|------------------|----------|--------|-------------------|-------------------|------------------|----------|--------------|----------------|
| 10 | 2021 | С | 4.50 | 7843 | 10 | 2021 | С | 5.00 | 52245 |
| 10 | 2021 | С | 5.00 | 7426 | 10 | 2021 | С | 4.50 | 42515 |
| 10 | 2021 | С | 4.25 | 7124 | 12 | 2021 | Р | 2.75 | 42060 |
| 10 | 2021 | С | 4.00 | 6158 | 10 | 2021 | С | 4.00 | 41644 |
| 10 | 2021 | Р | 3.50 | 5625 | 10 | 2021 | Р | 3.50 | 38561 |
| 10 | 2021 | Р | 3.25 | 3603 | 12 | 2021 | Р | 2.50 | 38528 |
| 9 | 2021 | С | 4.10 | 3567 | 10 | 2021 | С | 3.50 | 33003 |
| 9 | 2021 | С | 4.00 | 3229 | 10 | 2021 | Р | 3.00 | 32336 |
| 9 | 2021 | С | 3.90 | 2987 | 9 | 2021 | С | 4.00 | 29951 |
| 9 | 2021 | С | 4.20 | 2954 | 10 | 2021 | Р | 2.50 | 29844 |
| 9 | 2021 | Р | 3.85 | 2872 | 9 | 2021 | С | 4.25 | 28712 |
| 9 | 2021 | Р | 3.80 | 2822 | 10 | 2021 | Р | 2.00 | 28650 |
| 3 | 2022 | С | 7.00 | 2400 | 10 | 2021 | С | 3.25 | 28195 |
| 10 | 2021 | Р | 3.75 | 2348 | 10 | 2021 | С | 4.25 | 27718 |
| 10 | 2021 | С | 3.90 | 2095 | 10 | 2021 | Р | 2.75 | 27144 |
| 9 | 2021 | Р | 3.75 | 2071 | 9 | 2021 | С | 5.00 | 26583 |
| 9 | 2021 | Р | 3.70 | 1877 | 10 | 2021 | С | 6.00 | 26517 |
| 9 | 2021 | Р | 3.90 | 1811 | 12 | 2021 | P | 3.00 | 24879 |
| 10 | 2021 | С | 4.75 | 1572 | 9 | 2021 | Р | 2.50 | 23385 |
| 9 | 2021 | С | 3.95 | 1566 | 11 | 2021 | Р | 3.00 | 22826 |
| 11 | 2021 | Р | 3.25 | 1530 | 11 | 2021 | С | 4.00 | 22802 |
| 9 | 2021 | С | 4.05 | 1482 | 9 | 2021 | С | 3.50 | 22615 |
| 3 | 2022 | С | 5.00 | 1325 | 9 | 2021 | Р | 3.00 | 22432 |
| 9 | 2021 | С | 3.85 | 1222 | 12 | 2021 | С | 4.00 | 22178 |
| 11 | 2021 | Р | 4.00 | 1127 | 9 | 2021 | Р | 3.50 | 21696 |
| 11 | 2021 | Р | 3.30 | 1001 | 9 | 2021 | P | 2.00 | 20427 |
| 2 | 2022 | Р | 3.30 | 1000 | 9 | 2021 | С | 4.75 | 20402 |
| 2 | 2022 | Р | 4.15 | 1000 | 9 | 2021 | P P | 3.25 | 20291 |
| 1 | 2022 | С | 4.50 | 770 | 10 4 | 2021 | | 2.25 | 19900 |
| 12 | 2021 | С | 4.50 | 751 | 4 9 | 2022 2021 | C C | 3.00 3.25 | 19810 18993 |
| 10 | 2021 | С | 3.85 | 746 | 9 10 | 2021 | c | 3.25 | |
| 11 | 2021 | C | 5.00 | 680 | 9 | 2021 | c | 3.00 | 18495 17625 |
| 11 | 2021 | P | 3.50 | 666 | 9 | 2021 | c | 3.90 4.50 | 17625 |
| 12 | 2021 | Р | 3.45 | 600 | 9 10 | 2021 | P | 4.50 3.25 | 17429 |
| 12 | 2021 | Р | 3.50 | 576 | 10 | 2021 | C | 5.00 | 17269 |
| 10 | 2021 | Р | 3.70 | 569 | 10 | 2021 | C | 3.75 | 16981 |
| 11 | 2021 | С | 4.50 | 561 | 1 | 2021 | c | 5.00 | 16342 |
| 12 | 2021 | P | 4.00 | 541 | 3 | 2022 | P | 2.50 | 15834 |
| 9 | 2021 | С | 4.25 | 526 | 9 | 2022 | P | 2.30 | 15816 |
| 12 | 2021 | P | 3.25 | 520 | 11 | 2021 | P | 3.50 | 15766 |
| 10 | 2021 | С | 5.35 | 517 | 9 | 2021 | P | 4.00 | 15580 |
| 11 | 2021 | С | 4.00 | 503 | 3 | 2022 | C | 5.00 | 15522 |
| 11 | 2021 | č | 4.25 | 500 | 2 | 2022 | c | 5.00 | 15277 |
| 12 | 2021 | c | 5.50 | 500 | 9 | 2022 | P | 3.75 | 14840 |
| 10 | 2021 | c | 5.50 | 488 | 2 | 2022 | C | 4.00 | 14784 |
| 9 | 2021 | c | 4.15 | 466 | 11 | 2022 | c | 3.75 | 14578 |
| 10 | 2021 | P | 3.40 | 459 | 3 | 2022 | c | 3.00 | 14448 |
| 10 | 2021 | P | 3.80 | 456 | 11 | 2021 | P | 2.50 | 14406 |
| 4 | 2022 | P | 2.75 | 450 | 3 | 2022 | С | 4 | 14323 |
| | | - | | | | | Source | : CME, ICE | 020 |

Nat Gas Futures Open Interest CME, and ICE Combined

| Civile, and ICE Combined | | | | | | | | |
|--|---------|--------|--------------|--------|---------|--------|--------------|--|
| CME Henry Hub Futures (10,000 MMBtu) ICE Henry Hub Futures Contract Equivalent (10,000 M | | | | | | | | |
| | Current | Prior | Daily Change | _ | Current | Prior | Daily Change | |
| SEP 21 | 34296 | 53862 | -19566 | SEP 21 | 87389 | 85072 | 2317 | |
| OCT 21 | 240983 | 231567 | 9416 | OCT 21 | 109095 | 107682 | 1413 | |
| NOV 21 | 197355 | 194653 | 2702 | NOV 21 | 70631 | 70780 | -149 | |
| DEC 21 | 87866 | 86444 | 1422 | DEC 21 | 76229 | 75713 | 516 | |
| JAN 22 | 142559 | 140644 | 1915 | JAN 22 | 78394 | 78155 | 239 | |
| FEB 22 | 55774 | 55714 | 60 | FEB 22 | 67957 | 68285 | -328 | |
| MAR 22 | 106052 | 105000 | 1052 | MAR 22 | 72697 | 73014 | -318 | |
| APR 22 | 110614 | 110293 | 321 | APR 22 | 67908 | 68435 | -527 | |
| MAY 22 | 101485 | 100970 | 515 | MAY 22 | 66680 | 66778 | -98 | |
| JUN 22 | 31570 | 31496 | 74 | JUN 22 | 51686 | 51821 | -135 | |
| JUL 22 | 26974 | 26861 | 113 | JUL 22 | 52920 | 53429 | -509 | |
| AUG 22 | 25778 | 25354 | 424 | AUG 22 | 52873 | 53038 | -165 | |
| SEP 22 | 27209 | 26955 | 254 | SEP 22 | 52787 | 52951 | -164 | |
| OCT 22 | 71641 | 70064 | 1577 | OCT 22 | 60335 | 60790 | -456 | |
| NOV 22 | 29029 | 28050 | 979 | NOV 22 | 46218 | 46481 | -263 | |
| DEC 22 | 24383 | 24612 | -229 | DEC 22 | 50047 | 50347 | -300 | |
| JAN 23 | 18232 | 18037 | 195 | JAN 23 | 33577 | 33492 | 85 | |
| FEB 23 | 6438 | 6420 | 18 | FEB 23 | 28470 | 28232 | 239 | |
| MAR 23 | 8682 | 8799 | -117 | MAR 23 | 30218 | 30187 | 31 | |
| APR 23 | 10613 | 11223 | -610 | APR 23 | 25346 | 25021 | 325 | |
| MAY 23 | 6395 | 6365 | 30 | MAY 23 | 26208 | 26066 | 142 | |
| JUN 23 | 5160 | 5133 | 27 | JUN 23 | 24387 | 24272 | 115 | |
| JUL 23 | 3895 | 3898 | -3 | JUL 23 | 24411 | 24292 | 118 | |
| AUG 23 | 3164 | 3163 | 1 | AUG 23 | 24306 | 24165 | 142 | |
| SEP 23 | 4101 | 4097 | 4 | SEP 23 | 23698 | 23606 | 92 | |
| OCT 23 | 4707 | 4711 | -4 | OCT 23 | 25516 | 25398 | 118 | |
| NOV 23 | 1726 | 1722 | 4 | NOV 23 | 25723 | 25642 | 81 | |
| DEC 23 | 1808 | 1808 | 0 | DEC 23 | 24031 | 23955 | 76 | |
| JAN 24 | 994 | 994 | 0 | JAN 24 | 13568 | 13560 | 8 | |
| FEB 24 | 878 | 874 | 4 | FEB 24 | 11358 | 11249 | 109 | |



Market Report



| | | Cash | Prompt | Cash to |
|-----------------------|----------|---------|--------|---------|
| | Units | Settled | Settle | Prompt |
| AGT Citygate | \$/MMBtu | 4.35 | 3.29 | -1.06 |
| TETCO M3 | \$/MMBtu | 3.91 | 3.02 | -0.89 |
| FGT Zone 3 | \$/MMBtu | 3.96 | 4.02 | 0.06 |
| Zone 6 NY | \$/MMBtu | 3.96 | 2.96 | -1.00 |
| Chicago Citygate | \$/MMBtu | 3.90 | 3.80 | -0.10 |
| Michcon | \$/MMBtu | 3.83 | 3.76 | -0.07 |
| Columbia TCO Pool | \$/MMBtu | 3.70 | 3.18 | -0.52 |
| Ventura | \$/MMBtu | 3.84 | 3.73 | -0.11 |
| Rockies/Opal | \$/MMBtu | 3.52 | 3.62 | 0.10 |
| El Paso Permian Basin | \$/MMBtu | 3.51 | 3.64 | 0.13 |
| Socal Citygate | \$/MMBtu | 4.89 | 4.98 | 0.09 |
| Malin | \$/MMBtu | 3.94 | 3.88 | -0.06 |
| Houston Ship Channel | \$/MMBtu | 3.86 | 3.90 | 0.04 |
| Henry Hub Cash | \$/MMBtu | 3.92 | 3.69 | -0.23 |
| AECO Cash | C\$/GJ | 2.32 | 2.82 | 0.50 |
| Station2 Cash | C\$/GJ | 2.73 | 3.79 | 1.06 |
| Dawn Cash | C\$/GJ | 3.82 | 3.77 | -0.05 |

Source: CME, Bloomberg



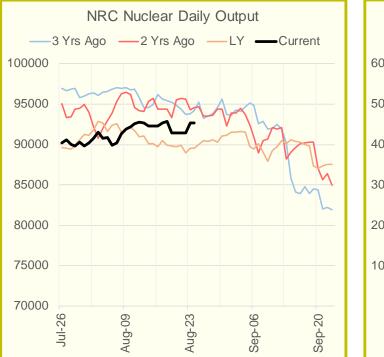
| | | | | | | . 4 Weeks | | |
|-------------------------|--------------|----------------------|-----|-----------|--|-----------|----|-------------|
| | Units | Current Price | vs. | Last Week | | Ago | vs | . Last Year |
| NatGas Jul21/Oct21 | \$/MMBtu | 0.343 | | 0.000 | | -0.116 | | 0.325 |
| NatGas Oct21/Nov21 | \$/MMBtu | 0.064 | | -0.009 | | 0.003 | | 0.015 |
| NatGas Oct21/Jan22 | \$/MMBtu | 0.223 | | -0.027 | | 0.006 | ▼ | -0.052 |
| NatGas Apr22/Oct22 | \$/MMBtu | 0.008 | | 0.003 | | 0.034 | ▼ | -0.029 |
| WTI Crude | \$/Bbl | 65.64 | | -1.650 | | -6.270 | | 23.020 |
| Brent Crude | \$/Bbl | 68.75 | | -0.760 | | -5.750 | | 23.620 |
| Fuel Oil, NY Harbour 1% | \$/Bbl | 97.18 | | 0.000 | | 0.000 | | 0.000 |
| Heating Oil | cents/Gallon | 200.51 | | -4.320 | | -14.590 | | 75.750 |
| Propane, Mt. Bel | cents/Gallon | 1.11 | | -0.017 | | 0.015 | | 0.600 |
| Ethane, Mt. Bel | cents/Gallon | 0.34 | | -0.004 | | 0.023 | | 0.091 |
| 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 | | | | | | |



Weather Storage Model - Next 4 Week Forecast

Market Report

24 August 2021



ENERGY

