

August 2025 ERCOT Monthly Operations Report

Reliability and Operations Subcommittee Meeting

October 2, 2025

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# Report Highlights

* The unofficial ERCOT peak load for August 2025 was 83,679 MW and occurred on 8/18/2025, this is 1,566 MW less than the August 2024 demand of 85,245 MW on 8/20/2024.
* There were 5 frequency events.
* There were no ERCOT Contingency Reserve Service (ECRS) events.
* There were no Responsive Reserve Service (RRS) events.
* 1 Advisory due to the timeline deviation of the Day Ahead Market
* 0 Watch
* 0 Emergency Notice
* There were 51 HRUC commitments.
* The following GTCs saw congestion in August:

|  |  |
| --- | --- |
| GTC | Days Congestion |
| Hamilton County | 30 |
| Zapata to Starr | 29 |
| South Texas Export (E\_PASP) | 28 |
| South Texas Export (E\_PATA) | 25 |
| North Edinburg to Lobo | 24 |
| Nelson Sharpe to Rio Hondo | 22 |
| West Texas Export | 8 |
| SAMSW | 6 |
| Panhandle GTC | 5 |
| Wharton County | 5 |
| North to Houston | 4 |
| Raymondville – Rio Hondo | 3 |
| Valley Export | 1 |

# Frequency Control

## Frequency Events

The ERCOT Interconnection experienced 5 frequency events, which resulted from unit tripping. The average duration of these events was 6 minutes and 18 seconds.

A summary of the frequency event is provided below. The reported frequency event meets one of the following criteria: Delta Frequency is 60 mHz or greater; the MW loss is 350 MW or greater; resource trip event triggered ECRS deployment. Frequency events that have been identified as Frequency Measurable Events (FME) for purposes of BAL-001-TRE-2 analysis are highlighted in blue. When analyzing frequency events, ERCOT evaluates PMU data according to industry standards. Events with an oscillating frequency of less than 1 Hz are inter-area, while higher frequencies indicate local events. Industry standards specify that damping ratio for inter-area oscillations should be 3.0% or greater. For the frequency event listed below, the ERCOT system met these standards and transitioned well after the disturbance. In the case of negative delta frequency, the MW Loss column could refer to load loss.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date and Time** | **Delta Frequency** | **Max/Min Frequency** | **Duration of Event** | **PMU Data** | | **MW Loss** | **Load** | **IRR** | **Inertia** |
| **(Hz)** | **(Hz)** | **Oscillation Mode (Hz)** | **Damping Ratio** | **(MW)** | **%** | **(MW-s)** |
| 8/1/2025 12:03:03 | 0.042 | 59.974 | 00:09:10 | 0.72 | 9% | 759 | 73,710 | 36% | 336,376 |
| 8/5/2025 14:17:34 | 0.060 | 59.953 | 00:07:18 | 0.56 | 11% | 471 | 78,895 | 44% | 323,307 |
| 8/19/2025 5:24:20 | 0.040 | 59.939 | 00:07:32 | 0.65 | 10% | 539 | 56,686 | 7% | 344,612 |
| 8/25/2025 3:46:13 | 0.071 | 59.925 | 00:03:40 | 0.62 | 14% | 849 | 53,522 | 20% | 333,587 |
| 8/27/2025 15:44:08 | 0.074 | 59.928 | 00:03:49 | 0.68 | 14% | 745 | 78,996 | 35% | 325,857 |

Chart, line chart

AI-generated content may be incorrect.

(Note: All data on this graph encompasses frequency event analysis based on BAL-001-TRE-2.)

## ERCOT Contingency Reserve Deployments/Releases

There were 0 events where ERCOT Contingency Reserve MWs were released to SCED. The events highlighted in blue were related to frequency events reported in Section 2.1 above.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date and Time Released to SCED** | **Date and Time Recalled** | **Duration of Event** | **Maximum MWs Released** | **Comments** |
| N/A | N/A | N/A | N/A | N/A |

## Responsive Reserve Deployments/Releases

There were no events where Responsive Reserve MWs were released to SCED.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date and Time Released to SCED** | **Date and Time Recalled** | **Duration of Event** | **Maximum MWs Released** | **Comments** |
| N/A | N/A | N/A | N/A | N/A |

## Load Resource Deployments

There were no events where Load Resources that are controlled by Under-Frequency Relays were deployed for an Emergency Condition.

# Reliability Unit Commitment

ERCOT reports on Reliability Unit Commitments (RUC) monthly. Commitments are reported grouped by operating day and weather zone. The total number of hours committed is the sum of the hours for all the units in the specified region. Additional information on RUC commitments can be found on the MIS secure site at Grid 🡪 Generation 🡪 Reliability Unit Commitment.

There were 0 DRUC commitments.

There were 51 HRUC commitments.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Resource Location** | **# of Resources** | **Operating Day** | **Total # of Hours Committed** | **Total MWhs** | **Reason for Commitment** |
| NORTH\_CENTRAL | 1 | August 1, 2025 | 4 | 72.0 | E\_PASP |
| NORTH\_CENTRAL | 2 | August 3, 2025 | 16 | 944.0 | E\_PASP |
| NORTH\_CENTRAL | 3 | August 6, 2025 | 13 | 5,635.0 | E\_PASP |
| NORTH\_CENTRAL, SOUTHERN | 5 | August 7, 2025 | 33 | 2,006.0 | E\_PASP |
| NORTH\_CENTRAL | 4 | August 11, 2025 | 21 | 1,054.0 | E\_PASP |
| NORTH\_CENTRAL | 2 | August 12, 2025 | 6 | 498.0 | E\_PASP |
| NORTH\_CENTRAL | 4 | August 13, 2025 | 74 | 5,600.0 | E\_PASP |
| NORTH\_CENTRAL | 5 | August 14, 2025 | 90 | 7,015.0 | E\_PASP |
| NORTH, NORTH\_CENTRAL | 6 | August 17, 2025 | 41 | 3,690.5 | E\_PASP |
| NORTH\_CENTRAL | 6 | August 24, 2025 | 40 | 2,592.0 | E\_PASP |
| NORTH\_CENTRAL | 2 | August 25, 2025 | 42 | 4,347.0 | E\_PASP |
| NORTH\_CENTRAL | 4 | August 26, 2025 | 23 | 8,999.0 | E\_PASP |
| NORTH\_CENTRAL, SOUTHERN | 6 | August 27, 2025 | 24 | 9,579.0 | E\_PASP, SSTILOM8 |
| NORTH\_CENTRAL | 1 | August 28, 2025 | 4 | 72.0 | E\_PASP |

# IRR, Wind, and Solar Generation as a Percent of Load

The graph below shows the maximum, minimum and average aggregate solar, wind and IRR output as a percentage of total ERCOT load when evaluated as 10-minute averaged intervals, over the past 13 months. Current wind and solar generation and penetration records are listed in the footnote below[[1]](#footnote-2). Maximum IRR penetration for August 2025 was 58.62% on 8/28/2025 interval ending 10:10 and minimum IRR penetration for August 2025 was 1.04% on 8/22/2025 interval ending 06:50.



During the hour of peak load for the month, hourly integrated wind generation was 12,077 MW and solar generation was 20,208 MW. The graph below shows the wind and solar penetration percentage during the hour of the peak load in the last 13 months.



Lastly, the graph below shows the minimum wind, solar, and IRR output during the peak load hour as a percentage of the daily peak load for every day in the month.



# Largest Net-Load Ramps

The net-load ramp is defined as the change in net-load (load minus wind and PVGR generation) during the defined time horizon. Such a variation in net-load needs to be accommodated in grid operations to ensure that the reliability of the grid is satisfactorily maintained. The largest net-load ramps over 5-minute, 10-minute, 15-minute, 30-minute, and 60-minute intervals in July 2025 were 1,540 MW, 2,799 MW, 4,108 MW, 6,875 MW, and 11,090 MW respectively. A comparison with historical values is provided in the table below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Month and Year** | **5 min** | **10 min** | **15 min** | **30 min** | **60 min** |
| Aug-14 | 674 MW | 1,169 MW | 1,589 MW | 2,854 MW | 5,201 MW |
| Aug-15 | 776 MW | 1,231 MW | 1,754 MW | 3,303 MW | 6,260 MW |
| Aug-16 | 834 MW | 1,350 MW | 1,881 MW | 3,230 MW | 6,319 MW |
| Aug-17 | 797 MW | 1,421 MW | 1,953 MW | 3,167 MW | 5,798 MW |
| Aug-18 | 1,333 MW | 1,854 MW | 2,780 MW | 3,205 MW | 6,604 MW |
| Aug-19 | 830 MW | 1,460 MW | 2,084 MW | 3,795 MW | 7,375 MW |
| Aug-20 | 954 MW | 1,536 MW | 2,221 MW | 4,101 MW | 7,690 MW |
| Aug-21 | 1,323 MW | 1,596 MW | 2,081 MW | 3,614 MW | 6,761 MW |
| Aug-22 | 977 MW | 1,837 MW | 2,664 MW | 4,529 MW | 7,716 MW |
| Aug-23 | 1,230 MW | 1,793 MW | 2,519 MW | 4,733 MW | 8,650 MW |
| Aug-24 | 1,128 MW | 2,011 MW | 2,837 MW | 4,671 MW | 7,772 MW |
| Aug-25 | 1,540 MW | 2,799 MW | 4,108 MW | 6,875 MW | 11,090 MW |
| 8/11/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/7/2025 |
| (IE 19:22) | (IE 18:21) | (IE 18:24) | (IE 18:37) | (IE 19:42) |
| All Months in 2014-2025 | 3,797 MW | 3,562 MW | 4,588 MW | 8,901 MW | 16,522 MW |
| 5/28/2025 | 5/28/2025 | 1/29/2024 | 1/29/2024 | 1/29/2024 |
| (IE 10:27) | (IE 10:27) | (IE 17:10) | (IE 17:11) | (IE 17:17) |

# Congestion Analysis

## Notable Constraints

Nodal protocol section 3.20 specifies that ERCOT shall identify transmission constraints that are binding in Real-Time three or more Operating Days within a calendar month. As part of this process, ERCOT reports congestion that meets this criterion to ROS. In addition, ERCOT also highlights notable constraints that have an estimated congestion rent exceeding $1,000,000 for a calendar month. These constraints are detailed in the table below, including approved transmission upgrades from TPIT that July provide some congestion relief based on ERCOT’s engineering judgement. Rows highlighted in blue indicate the congestion was affected by one or more outages. For a list of all constraints activated in SCED, please see Appendix A at the end of this report.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Contingency Name** | **Overloaded Element** | **Contingency Name** | **Overloaded Element** | **# of Days Constraint Binding** | **Congestion Rent** | **Transmission Project** |
|  |
| DBAKCED5 | HARGRO\_TWINBU1\_1 | BAKESW-CEDACA 345kV & BAKESW-CEDACA 345kV | Hargrove - Twin Buttes 138kV | 25 | $28,001,928.49 |  |  |
| DSALHUT5 | 1710\_\_C | SALSW - HUTTO 345KV | Bell County - Salado Switch 138kV | 28 | $27,290,125.61 | ONCOR\_SE\_87673\_Salado\_Bell\_County\_138 kV Line; Rebuild the Salado - Bell County 138 kV Line on new structures 24RPG001 |  |
| SW\_LVLT5 | 15060\_\_B | wett\_long\_draw to Volta LIN 1 | Koch Tap - Vealmoor 138kV | 29 | $26,123,238.18 | Oncor\_FW\_Expanse - Tredway 138 kV Line (MOD 81305) |  |
| BASE CASE | E\_PASP | Basecase | E\_PASP GTC | 22 | $7,925,966.58 |  |  |
| DBAKCED5 | 6056\_\_Z | BAKESW-CEDACA 345kV & BAKESW-CEDACA 345kV | Longshore Switch - Consavvy Switch 345kV | 21 | $7,271,241.41 | Oncor\_FW\_81268\_Longshore – Consavvy 345 kV Double-Circuit Line Rebuild (23RPG034 (note that RPG number in TPIT is wrong), MOD 81268) |  |
| SSHIMCC8 | CNT\_MCCR\_1 | SHILOH to MCCREE LIN 1 | Centerville - Mccree 138kV | 3 | $6,711,761.72 |  |  |
| DCAGPIN8 | U4\_X1\_1 | CAGNON-POTRANCO & CAGNON-PINN\_RD | Medinabs - 36th Street 138kV | 12 | $5,886,685.81 |  |  |
| MFOAVLO5 | LARDVN\_LASCRU1\_1 | double FOWLERTON to AVANZADA & LOBO to FOWLERTON | Laredo Vft North - Las Cruces 138kV | 19 | $5,529,778.17 | AEP\_TCC\_Laredo VFT North - Las Cruces 138 kV Line Rebuild (58008); In service date 5/4/2023, However, the rating has not updated yet in the Network Operations Model. |  |
| STHSVE65 | 35050\_\_B | SAM SWITCH to VENUS SWITCH LIN \_A | Venus Switch - Fort Smith Switch 345kV | 15 | $4,437,379.15 | ONCOR\_ME\_78369\_Rebuild Sam Switch - Venus Switch 345 kV DCKT, 78369, Rebuild Sam Switch - Venus Switch 345 kV DCKT 24RPG017 |  |
| DMTSCOS5 | 6437\_\_F | DMTSW TO SCOSW 345 DBLCKT | Knapp - Scurry Chevron 138kV | 17 | $3,977,680.19 | Oncor\_FW\_87653 Bluff Creek to Scurry Chevron PRJ (MOD 87653) |  |
| DFOAVLO5 | LARDVN\_LASCRU1\_1 | FOWLERTON to LOBO & AVANZADA | Laredo Vft North - Las Cruces 138kV | 9 | $3,412,079.62 | AEP\_TCC\_Laredo VFT North - Las Cruces 138 kV Line Rebuild (58008); In service date 5/4/2023, However, the rating has not updated yet in the Network Operations Model. |  |
| SBWDDBM5 | LPLMK\_LPLNE\_1 | BLACKWATER DRAW SWITCH to DOUBLE MOUNTAIN SWITCH LIN 1 | Mackenzie Substation - Northeast Substation 115kV | 16 | $2,722,446.68 |  |  |
| DWAP\_BI5 | BI\_JN\_64\_A | TWR (345) WAP-BI50 & SMITHERS-BI98 | Bellaire - Jeanetta 345kV | 10 | $2,410,822.77 | CNP\_25TPIT87479\_Facility\_Ratings\_Upgrades (Phase ID 87822) |  |
| DELMSAN5 | F2\_11\_1 | Elmcreek-Sanmigl 345kV | Fallscty - Kenedy Switch 138kV | 17 | $2,332,294.65 |  |  |
| SSTILOM8 | SCARBI\_STILLM1\_1 | STILLMAN to LOMA ALTA SUBSTATION LIN 1 | South Carbide - Stillman 138kV | 3 | $2,182,246.86 |  |  |
| DHILMAR5 | 361T361\_1 | Hillctry-Marion 345kV | Parkway - Schertz 138kV | 3 | $1,916,107.92 |  |  |
| DBLW2JC5 | WAPWLY72\_A | TWR (345) JCK-WAT62 & BLY-JCK57 | Wa Parish - Whaley 345kV | 16 | $1,889,119.18 | CNP\_24TPIT73371\_BP24\_Sub\_Upgrades (MOD 73371, Phase 89980); BP24 Sub Upgrades |  |
| SPLSFAS9 | POT\_PEAR\_1 | Tordillo 138\_69 to McCoy LIN 1 | Poteet Sub - Pearsall Switching Station 69kV | 19 | $1,816,601.73 | STEC\_78478\_OakstoPoteettoPearsallUpgrade (MOD 78478; Phase ID 78479); Rebuild Oaks to Poteet to Pearsall 69 kV line; Rebuild Oaks to Poteet to Pearsall 69 kV line from 4/0 to 795. 2023 RTP |  |
| DWPWFWP5 | STPWAP39\_1 | TWR(345) WAP-WLF64 & WAP-WLY72 | South Texas Project - Wa Parish 345kV | 6 | $1,719,087.56 |  |  |
| SP5CAG8 | D5\_S1\_1 | CAGNON to CAGNON LIN 1 | Leon Creek - Howard 138kV | 9 | $1,678,609.52 | CPSE\_Howard to San Miguel Double Circuit Line Addition (MOD 75255; Phase ID 75849); CPSE\_Howard to San Miguel Double Circuit Line Addition |  |
| DSGTSCH5 | HARGRO\_TWINBU1\_1 | SINGLE TREE- SCHNEEMAN DRAW & SINGLE TREE- SCHNEEMAN DRAW 2 | Hargrove - Twin Buttes 138kV | 6 | $1,670,495.05 |  |  |
| BASE CASE | NELRIO | Basecase | NELRIO GTC | 20 | $1,520,750.81 | The Lower Rio Grande Valley (LRGV) System Enhancement Project (21RPG017) will cause there to be no stability constraint for NelsonSharpe\_RioHondoGTC under normal conditions. |  |
| DBIGKEN5 | TREADW\_YELWJC1\_1 | Bighil-Kendal 345kV | Yellow Jacket - Treadwell 138kV | 9 | $1,430,894.19 |  |  |
| DROUCHI8 | 1680\_\_B | RNDRK-CHIEBR & SPANOA 138kV | Round Rock - Round Rock Westinghouse 138kV | 1 | $1,327,336.11 |  |  |
| DBIGSCH5 | PALOUS\_WOLFCA1\_1 | Big Hill - Schneeman Draw & Big Hill - Schneeman Draw 2 | Palouse - Wolfcamp 138kV | 7 | $1,259,924.32 |  |  |
| DWAP\_OB5 | MDOPHR99\_A | TWR (345) OB-WAP98 & OB-WAP99 | Meadow - Ph Robinson 345kV | 7 | $1,211,194.54 | CNP\_25TPIT90232\_Facility\_Ratings\_Methodology\_Upgrades (Phase ID 90917) |  |
| DPDSCNR8 | 3660\_\_A | PDSES TO CNRSW 138 DBLCKT | Prairie Creek Switch - Lake Hubbard Ses 138kV | 12 | $1,152,002.85 |  |  |
| BASE CASE | PNHNDL | Basecase | PNHNDL GTC | 4 | $992,289.37 |  |  |
| MFOAVLO5 | DEL\_MA\_LAREDO1\_1 | double FOWLERTON to AVANZADA & LOBO to FOWLERTON | Del Mar - Laredo Plant 138kV | 4 | $928,831.10 |  |  |
| MHARNED5 | BURNS\_RIOHONDO\_1 | Manual dbl ckt for NEDIN-BONILLA 345kV & RIOH-PRIM138kV | Burns Sub - Rio Hondo 138kV | 13 | $872,719.89 |  |  |
| SHELKEN8 | F2\_11\_1 | HELENA to HELENA LIN 1 | Fallscty - Kenedy Switch 138kV | 12 | $866,861.07 |  |  |
| SCISPUT8 | LENSW\_PUTN2\_1 | CISCO to CISCO LIN 1 | Leon Switch - Putnam 138kV | 3 | $866,338.11 |  |  |
| DGRSLNC5 | 6380\_\_D | GRSES TO CFRSW AND GRSES TO LNCRK 345 DBLCKT | Murray - Paint Creek 138kV | 5 | $861,499.06 |  |  |
| SE4BIG8 | BIG\_FOOT\_69A1 | BIG FOOT to PLEASANTON LIN 1 | Big Foot 138kV | 28 | $774,037.97 |  |  |
| BASE CASE | SAMSW | Basecase | SAMSW GTC | 6 | $727,983.29 |  |  |
| SPAWCAL5 | F2\_11\_1 | CALAVERAS to CALAVERAS LIN 1 | Fallscty - Kenedy Switch 138kV | 8 | $720,905.95 |  |  |
| BASE CASE | NE\_LOB | Basecase | NE\_LOB GTC | 14 | $652,234.06 |  |  |
| DMTSCOS5 | 6240\_\_C | DMTSW TO SCOSW 345 DBLCKT | Sacroc - Deep Creek Sub 138kV | 12 | $651,542.47 |  |  |
| SLONSAX8 | MORRIS\_NUECES1\_1 | LON HILL to SAXET LIN 1 | Morris Street - Nueces Bay 138kV | 8 | $531,839.70 |  |  |
| BASE CASE | ZAPSTR | Basecase | ZAPSTR GTC | 25 | $501,046.03 |  |  |
| MIDUMCL8 | I\_DUPS\_RESNIK2\_2 | DUPONT SWITCH - INGLESIDE to McCampbell LIN 1 | Dupont Switch - Ingleside - Resnik 138kV | 11 | $472,591.40 |  |  |
| DTWLCED5 | HARGRO\_TWINBU1\_1 | TWELVE MILE - CEDAR CANYON & TWELVE MILE - CEDAR CANYON 2 | Hargrove - Twin Buttes 138kV | 3 | $389,788.17 |  |  |
| MLOFOAV5 | DEL\_MA\_LAREDO1\_1 | Manual Double LOBO - FOWLERTON & AVANZADA | Del Mar - Laredo Plant 138kV | 3 | $370,797.28 |  |  |
| SFMRRYS5 | 400\_\_A | Farmersville Switch to Farmersville Switch LIN \_A | Royse Switch - Farmersville Switch 345kV | 8 | $307,501.36 |  |  |
| DRNS\_TB5 | THWZEN71\_A | Rns-Rtw & Sng-Tb 345kV | Th Wharton - Zenith 345kV | 4 | $278,144.39 |  |  |
| SWLALCS8 | 1025\_\_B | WACO EAST to WACO LASALLE LIN \_A | Mclane Switch - Frow Sub 138kV | 3 | $266,250.67 |  |  |
| BASE CASE | HMLTN | Basecase | HMLTN GTC | 30 | $252,208.78 |  |  |
| DSNDBCE5 | 36040\_\_A | SNDSW TO BCESW 345 DBLCKT | Salado Switch - Knob Creek Switch 345kV | 3 | $234,598.14 |  |  |
| DDILPE89 | BIG\_FO\_PLEASA1\_1 | Dilleysw-Paloduro 138kV & Pearsall 69kV | Big Foot - Pleasanton 138kV | 13 | $225,101.27 |  |  |
| SKLELOY8 | LOYOLA\_69\_1 | KLEBERG AEP to KLEBERG AEP LIN 1 | Loyola Sub 138kV | 9 | $224,795.53 |  |  |
| SFMRRY25 | 381\_\_A | Farmersville Switch to ROYSE SWITCH LIN \_A | Farmersville Switch - Royse Switch 345kV | 3 | $219,101.38 |  |  |
| DELMSAN5 | PAWNEE\_SPRUCE\_1 | Elmcreek-Sanmigl 345kV | Pawnee Switching Station - Calaveras 345kV | 3 | $216,752.89 |  |  |
| MLOFOAV5 | ASHERT\_CATARI1\_1 | Manual Double LOBO - FOWLERTON & AVANZADA | Asherton - Catarina 138kV | 9 | $203,395.11 |  |  |
| MDFRYSK8 | SEA\_AAT1 | MANUAL DOUBLE SALSW TO KNBSW 345 AND FRYSW TO BELCNTY 138 DBLCKT | Seaton 138kV | 8 | $201,135.68 |  |  |
| BASE CASE | WESTEX | Basecase | WESTEX GTC | 5 | $190,045.98 |  |  |
| MLOFOAV5 | LARDVN\_LASCRU1\_1 | Manual Double LOBO - FOWLERTON & AVANZADA | Laredo Vft North - Las Cruces 138kV | 4 | $184,153.17 |  |  |
| DBIGSCH5 | HARGRO\_TWINBU1\_1 | Big Hill - Schneeman Draw & Big Hill - Schneeman Draw 2 | Hargrove - Twin Buttes 138kV | 3 | $174,426.60 |  |  |
| DBIGSCH5 | CROSSO\_NORTMC1\_1 | Big Hill - Schneeman Draw & Big Hill - Schneeman Draw 2 | North Mccamey - Crossover 138kV | 5 | $156,769.65 |  |  |
| SLAQLOB8 | BRUNI\_69\_1 | LAQUINTA to LOBO LIN 1 | Bruni Sub 138kV | 17 | $152,232.24 |  |  |
| STHSVE65 | 35065\_\_A | SAM SWITCH to VENUS SWITCH LIN \_A | Fort Smith Switch - Files Valley Switch 345kV | 3 | $147,641.54 |  |  |
| DBIGKEN5 | MADDUX\_TREADW1\_1 | Bighil-Kendal 345kV | Maddux - Treadwell 138kV | 5 | $131,974.85 |  |  |
| BASE CASE | E\_PATA | Basecase | E\_PATA GTC | 14 | $123,694.00 |  |  |
| SDIMBEV8 | UVALDE\_W\_BATE1\_1 | BEVO to BEVO LIN 1 | Uvalde Aep - West Batesville 138kV | 7 | $121,639.66 |  |  |
| DBIGKEN5 | HAMILT\_MAXWEL1\_1 | Bighil-Kendal 345kV | Hamilton Road - Maxwell 138kV | 6 | $115,822.59 |  |  |
| SRNKEXC5 | 108\_\_A | ROANOKE SWITCH to EXCHANGE SWITCH LIN \_A | Roanoke Switch - Exchange Switch 345kV | 3 | $108,827.88 |  |  |
| MLOFOAV5 | BRUNI\_69\_1 | Manual Double LOBO - FOWLERTON & AVANZADA | Bruni Sub 138kV | 3 | $95,308.79 |  |  |
| DGRMGRS8 | 6830\_\_B | FIREROCK TO BRNWD 138 AND FIREROCK TO BANGS 69 DBLCKT | Cottonwood Road Switch - Olney Pod 69kV | 5 | $92,921.45 |  |  |
| MPEABIG8 | POT\_PEAR\_1 | Manual Contingency from PEARSALL to BIG\_FOOT 138kV | Poteet Sub - Pearsall Switching Station 69kV | 3 | $59,432.57 |  |  |
| MDTCRTH5 | 35050\_\_B | MANUAL DOUBLE THSES TO TCRSW & FBRSW TO THSES 345 DBLCKT | Venus Switch - Fort Smith Switch 345kV | 4 | $57,015.80 |  |  |
| DDILPE89 | POT\_PEAR\_1 | Dilleysw-Paloduro 138kV & Pearsall 69kV | Poteet Sub - Pearsall Switching Station 69kV | 5 | $55,973.73 |  |  |
| SBRAPIN8 | HAMILT\_MAVERI1\_1 | BRACKETTVILLE to BRACKETTVILLE LIN 1 | Hamilton Road - Maverick 138kV | 7 | $41,666.66 |  |  |
| SBRAHAM8 | ESCOND\_GANSO1\_1 | BRACKETTVILLE to HAMILTON ROAD LIN 1 | Escondido - Ganso 138kV | 6 | $39,497.24 |  |  |
| MHARNED5 | BURNS\_HEIDLBRG\_1 | Manual dbl ckt for NEDIN-BONILLA 345kV & RIOH-PRIM138kV | Burns Sub - Heidelburg Sub 138kV | 3 | $38,763.32 |  |  |
| MLONPK25 | 6375\_\_A | MAN\_DBL\_PKRSW-GRSES\_PKRSW-LONSW\_345KV | Graham Ses - Graham East 138kV | 3 | $35,590.48 |  |  |
| MTULBAS8 | COLETO\_ROSATA1\_1 | Manual Tuleta to Basil 138 kV | Coleto Creek - Rosata Tap 138kV | 5 | $33,760.80 |  |  |
| SCT2CAR8 | HAMILT\_MAXWEL1\_1 | CAUTHORN to Carver LIN 1 | Hamilton Road - Maxwell 138kV | 6 | $29,649.46 |  |  |
| DSLKSOL5 | 138\_FLT\_FXT\_1 | Sand Lake - Solstice line 1 and 2 | Foxtail Tnp - Flat Top Tnp 138kV | 12 | $28,443.29 |  |  |
| SN\_SAJO5 | LASPUL\_RAYMND1\_1 | AJO to AJO LIN 1 | Las Pulgas - Raymondville 2 138kV | 5 | $25,657.68 |  |  |
| SSTAWIC8 | 138\_IH2\_COT\_1 | STAGHORN TNP to WICKETT TNP LIN 1 | Ih 20 Tnp - Collie Field Tap Tnp 138kV | 20 | $23,028.79 |  |  |
| XHA2S89 | OLS\_JNES\_1 | HASSE TRX HAS2 138/69 | Olsen Tnp - Jonesboro Tnp 69kV | 3 | $16,963.32 |  |  |
| SMDOPHR5 | 138\_ALV\_NAL\_1 | MEADOW to PH ROBINSON LIN A | North Alvin Tnp - Alvin Tnp 138kV | 3 | $16,819.06 |  |  |
| XBIG89 | BIG\_FO\_PLEASA1\_1 | BIG FOOT TRX 69A1 138/69 | Big Foot - Pleasanton 138kV | 3 | $16,274.57 |  |  |
| SCARFRI8 | FDR\_OZNC\_1 | Carver to Carver LIN 1 | Friend Ranch - Crockett Heights 69kV | 4 | $15,283.79 |  |  |
| MHARNED5 | HAINE\_\_LA\_PAL1\_1 | Manual dbl ckt for NEDIN-BONILLA 345kV & RIOH-PRIM138kV | Haine Drive - La Palma 138kV | 3 | $15,128.79 |  |  |
| SRICGRS8 | 6840\_\_B | GRAHAM SES to RICE SWITCH LIN \_A | Anarene - Navy Kickapoo Switch 69kV | 3 | $13,755.94 |  |  |
| DALASOA8 | 138\_FTS\_LNC\_1 | Manual From ALAMO\_ST To SOAPTREE 138kV | Leon Creek Tnp - Fort Stockton Plant 138kV | 9 | $13,006.52 |  |  |
| DMBDRKC5 | 651\_\_B | MBDSW-CMBSW & MBDSW-RKCRK 345\_DBLCKT | Comanche Tap - Comanche Switch (Oncor) 138kV | 3 | $12,147.74 |  |  |
| SGEOORN8 | ORNGROV\_69\_1 | GEORGE WEST to GEORGE WEST LIN 1 | Orange Grove Switching Station 138kV | 3 | $10,482.64 |  |  |
| DPEADEV8 | BIG\_FOOT\_69A1 | Pearsall - Palo Duro 138 & Pearsall - Devine 69 | Big Foot 138kV | 3 | $8,921.72 |  |  |
| SSTAPYO8 | 138\_IH2\_COT\_1 | PYOTE TNP to PYOTE TNP LIN 1 | Ih 20 Tnp - Collie Field Tap Tnp 138kV | 3 | $6,918.40 |  |  |
| BASE CASE | 138\_FTS\_LNC\_1 | Basecase | Leon Creek Tnp - Fort Stockton Plant 138kV | 5 | $5,517.53 |  |  |
| BASE CASE | RV\_RH | Basecase | RV\_RH GTC | 3 | $5,373.94 |  |  |
| SFURVAN8 | RAYBUR\_FURHMAN\_1 | FURHMAN to VANDERBILT SWITCHING STATION LIN 1 | Sam Rayburn Switchyd - Furhman 138kV | 3 | $2,870.63 |  |  |

## Generic Transmission Constraint Congestion

|  |  |
| --- | --- |
| GTC | Days Congestion |
| Hamilton County | 30 |
| Zapata to Starr | 29 |
| South Texas Export (E\_PASP) | 28 |
| South Texas Export (E\_PATA) | 25 |
| North Edinburg to Lobo | 24 |
| Nelson Sharpe to Rio Hondo | 22 |
| West Texas Export | 8 |
| SAMSW | 6 |
| Panhandle GTC | 5 |
| Wharton County | 5 |
| North to Houston | 4 |
| Raymondville – Rio Hondo | 3 |
| Valley Export | 1 |

There was no activity on the remaining GTCs during the month.

Note: This is how many times a constraint has been activated to avoid exceeding a GTC limit, it does not imply an exceedance of the GTC occurred or that the GTC was binding.

## Manual Overrides

None

## Congestion Costs for Calendar Year 2025

The following table represents the top twenty active constraints for the calendar year based on the estimated congestion rent attributed to the congestion. ERCOT updates this list on a monthly basis.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Contingency | Overloaded Element | # of 5-min SCED | Estimated | Transmision |
| wett\_long\_draw to Volta LIN 1 | Koch Tap - Vealmoor 138kV | 32,946 | 176,709,707.00 | Oncor\_FW\_Expanse - Tredway 138 kV Line (MOD 81305) |
| BAKESW-CEDACA 345kV & BAKESW-CEDACA 345kV | Hargrove - Twin Buttes 138kV | 16,219 | 109,714,135.19 |  |
| BAKESW-CEDACA 345kV & BAKESW-CEDACA 345kV | Longshore Switch - Consavvy Switch 345kV | 17,204 | 79,043,802.44 | Oncor\_FW\_81268\_Longshore – Consavvy 345 kV Double-Circuit Line Rebuild (23RPG034 (note that RPG number in TPIT is wrong), MOD 81268) |
| Basecase | WESTEX GTC | 14,266 | 75,735,698.55 |  |
| SALSW - HUTTO 345KV | Bell County - Salado Switch 138kV | 8,927 | 59,262,930.96 | ONCOR\_SE\_87673\_Salado\_Bell\_County\_138 kV Line; Rebuild the Salado - Bell County 138 kV Line on new structures 24RPG001 |
| DMTSW TO SCOSW 345 DBLCKT | Knapp - Scurry Chevron 138kV | 19,668 | 52,515,099.72 | Oncor\_FW\_87653 Bluff Creek to Scurry Chevron PRJ (MOD 87653) |
| TWR(345) WAP-WLF64 & WAP-WLY72 | South Texas Project - Wa Parish 345kV | 10,470 | 50,872,133.78 |  |
| double FOWLERTON to AVANZADA & LOBO to FOWLERTON | Laredo Vft North - Las Cruces 138kV | 16,274 | 49,030,467.72 | AEP\_TCC\_Laredo VFT North - Las Cruces 138 kV Line Rebuild (58008); In service date 5/4/2023, However, the rating has not updated yet in the Network Operations Model. |
| Manual dbl ckt for NEDIN-BONILLA 345kV & RIOH-PRIM138kV | Haine Drive - La Palma 138kV | 18,261 | 42,942,516.94 |  |
| Basecase | E\_PASP GTC | 14,877 | 31,357,758.40 |  |
| CONSAVVY SWITCH to CONSAVVY SWITCH LIN \_A | Morgan Creek Ses 345kV | 1,331 | 30,533,298.96 |  |
| RNKSW TO LWSSW 345 AND RNKSW TO W DENT 345 DBLCKT | Roanoke Switch 138kV | 1,319 | 27,256,955.51 |  |
| Basecase | PNHNDL GTC | 16,194 | 26,849,292.70 |  |
| Basecase | NE\_LOB GTC | 24,829 | 25,585,756.10 |  |
| BLACKWATER DRAW SWITCH to DOUBLE MOUNTAIN SWITCH LIN 1 | Mackenzie Substation - Northeast Substation 115kV | 9,318 | 24,199,673.00 |  |
| MAN\_DBL\_WLFSW-METSW+ODEHV-WLFSW\_345KV | Odessa Ehv Switch - Yarbrough Sub 138kV | 2,175 | 22,188,043.75 |  |
| Bighil-Kendal 345kV | Yellow Jacket - Fort Mason 138kV | 2,858 | 20,082,244.86 |  |
| SAM SWITCH to VENUS SWITCH LIN \_A | Venus Switch - Fort Smith Switch 345kV | 6,239 | 19,930,951.57 | ONCOR\_ME\_78369\_Rebuild Sam Switch - Venus Switch 345 kV DCKT, 78369, Rebuild Sam Switch - Venus Switch 345 kV DCKT 24RPG017 |
| TMPSW TO KNBSW 345 AND TMPSW TO BELCNTY 138 DBLCKT | Georgetown South - Round Rock Westinghouse 138kV | 585 | 19,873,276.12 | Oncor\_SE\_80546\_Hutto - Salado 138 kV DCKT Line (MOD 80546, Phase 87619); Rebuild and add a second conductor to the Salado - Hutto Switch / Round Rock Switch and establish Salado 138 kV Switch |
| TWR (345) WAP-BI50 & SMITHERS-BI98 | Wa Parish - Jeanetta 345kV | 6,352 | 19,431,617.48 |  |

# System Events

## ERCOT Peak Load

The unofficial ERCOT peak load for August 2025 was 83,679 MW and occurred on 8/18/2025 during hour ending 18:00, this is 1,566 MW less than the August 2024 demand of 85,245 MW on 8/20/2024 during hour ending 18:00. Instantaneous peak for August 2025 was 84,312 MW. Actual instantaneous peak for the same month last year was 85,934 MW.

## Load Shed Events

None

## None: Stability Events

None.

## Notable PMU Events

ERCOT analyzes PMU data for any significant system disturbances that do not fall into the Frequency Events category reported in section 2.1. The results are summarized in this section once the analysis has been completed.

There were no PMU events outside of those reported in section 2.1.

## DC Tie Curtailment

The DC\_N (North) DC Tie will be unavailable from 08/21/2025 09:00 through 08/21/2025 17:00 due to a forced outage.

## TRE/DOE Reportable Events

EDP Submitted an EOP-004-4 for 08/22/2025 – Physical threat to its Facility.

## New/Updated Constraint Management Plans

None

## New/Modified/Removed RAS

None.

## New Procedures/Forms/Operating Bulletins

|  |  |  |
| --- | --- | --- |
| **Date** | **Subject** | **Bulletin No.** |
| 08/29/2025 | Shift Supervisor Desk V1 Rev 102 | 1190 |
| 08/29/2025 | Script V1 Rev 68 | 1189 |
| 08/29/2025 | Reliability Unit Commitment V1 Rev 79 | 1188 |
| 08/29/2025 | Real Time Desk V1 Rev 103 | 1187 |

# Emergency Conditions

## OCNs

None.

## Advisories

1 Advisory due to the timeline deviation of the Day Ahead Market.

## Watches

None.

## Emergency Notices

None.

# Application Performance

## TSAT/VSAT Performance Issues

None

## Communication Issues

None.

## Market System Issues

None.

# Model Updates

The Downstream Production Change (DPC) process allows ERCOT to make changes in the one-line Network Operations Model without loading a completely new model. The purpose of this process is to allow for reliable grid operations as system conditions change between designated Network Operations Model database loads. The DPC process is limited in scope to just those items listed below, with equipment ratings updates being the most common. ERCOT has seen a rise in the use of the DPC process to make on-line updates to the Network Operations Model in recent years, instead of through the standard Network Operations Model Change Request process.

* Static Line ratings (Interim Update)
* Dynamic Line ratings (non-Interim Update)
* Autotransformer ratings (non-Interim Update)
* Breaker and Switch Normal status (Interim Update)
* Contingency Definitions (Interim Update)
* RAP and RAS changes or additions (Interim Update)
* Net Dependable and Reactive Capability (NDCRC) values (Interim Update)
* Impedance Updates (non-Interim)

A total of 24 DPCs were implemented in August 2025. 319 DPCs have been implemented year to date. DPCs submitted by TDSPs are mainly updates to transmission element ratings. DPCs submitted by ERCOT are mainly updates to manual contingency definitions.

|  |  |
| --- | --- |
| **Transmission Operator** | **Number of DPCs** |
| AEP TEXAS COMPANY (TDSP) | 4 |
| BRAZOS ELECTRIC POWER CO OP INC (TDSP) | 0 |
| BROWNSVILLE PUBLIC UTILITIES BOARD (TDSP) | 0 |
| BRYAN TEXAS UTILITIES (TDSP) | 0 |
| CENTERPOINT ENERGY HOUSTON ELECTRIC LLC (TDSP) | 2 |
| CITY OF AUSTIN DBA AUSTIN ENERGY (TDSP) | 1 |
| CITY OF COLLEGE STATION (TDSP) | 0 |
| CITY OF GARLAND (TDSP) | 0 |
| CPS ENERGY (TDSP) | 1 |
| CROSS TEXAS TRANSMISSION LLC (TSP)) | 0 |
| DENTON MUNICIPAL ELECTRIC (TDSP) | 0 |
| ELECTRIC TRANSMISSION TEXAS LLC (TDSP) | 0 |
| ERCOT | 2 |
| LCRA TRANSMISSION SERVICES CORPORATION (TDSP) | 10 |
| LONE STAR TRANSMISSION LLC (TSP) | 0 |
| ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP) | 0 |
| PEDERNALES ELECTRIC CO OP INC (TDSP) | 0 |
| RAYBURN COUNTRY CO OP DBA RAYBURN ELECTRIC (TDSP) | 2 |
| SHARYLAND UTILITIES LP (TDSP) | 0 |
| SOUTH TEXAS ELECTRIC CO OP INC (TDSP) | 2 |
| TEXAS MUNICIPAL POWER AGENCY (TDSP) | 0 |
| TEXAS-NEW MEXICO POWER CO (TDSP) | 0 |
| WIND ENERGY TRANSMISSION TEXAS LLC (TSP) | 0 |

# Appendix A: Real-Time Constraints

The following is a complete list of constraints activated in SCED. Full contingency descriptions can be found in the Standard Contingencies List located on the MIS secure site at Grid 🡪 Generation 🡪 Reliability Unit Commitment.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Year | Month | Contingency Name | Overloaded Element | From Station | To Station | Count of Days |
| 2025 | August | SW\_LVLT5 | 15060\_\_B | VEALMOOR | KOCHTAP | 31 |
| 2025 | August | BASE CASE | HMLTN | n/a | n/a | 30 |
| 2025 | August | SE4BIG8 | BIG\_FOOT\_69A1 | BIG\_FOOT | BIG\_FOOT | 29 |
| 2025 | August | BASE CASE | ZAPSTR | n/a | n/a | 29 |
| 2025 | August | BASE CASE | E\_PASP | n/a | n/a | 28 |
| 2025 | August | DSALHUT5 | 1710\_\_C | BELCNTY | SALSW | 28 |
| 2025 | August | DBAKCED5 | HARGRO\_TWINBU1\_1 | TWINBU | HARGROVE | 26 |
| 2025 | August | BASE CASE | E\_PATA | n/a | n/a | 25 |
| 2025 | August | BASE CASE | NE\_LOB | n/a | n/a | 24 |
| 2025 | August | SLAQLOB8 | BRUNI\_69\_1 | BRUNI | BRUNI | 23 |
| 2025 | August | SBWDDBM5 | LPLMK\_LPLNE\_1 | LPLMK | LPLNE | 22 |
| 2025 | August | BASE CASE | NELRIO | n/a | n/a | 22 |
| 2025 | August | DBAKCED5 | 6056\_\_Z | LNGSW | CONSW | 22 |
| 2025 | August | SSTAWIC8 | 138\_IH2\_COT\_1 | IH20 | TNCOLIET | 21 |
| 2025 | August | DMTSCOS5 | 6437\_\_F | SCRCV | KNAPP | 21 |
| 2025 | August | SPLSFAS9 | POT\_PEAR\_1 | PEARSALL | POTEETS | 19 |
| 2025 | August | MFOAVLO5 | LARDVN\_LASCRU1\_1 | LARDVNTH | LASCRUCE | 19 |
| 2025 | August | DBLW2JC5 | WAPWLY72\_A | WLY | WAP | 18 |
| 2025 | August | DELMSAN5 | F2\_11\_1 | KENEDSW | F2 | 17 |
| 2025 | August | DPDSCNR8 | 3660\_\_A | LHSES | PRCSW | 16 |
| 2025 | August | STHSVE65 | 35050\_\_B | FTSSW | VENSW | 16 |
| 2025 | August | DSLKSOL5 | 138\_FLT\_FXT\_1 | TNFXTAIL | FLAT\_TOP | 14 |
| 2025 | August | SPAWCAL5 | F2\_11\_1 | KENEDSW | F2 | 14 |
| 2025 | August | SHELKEN8 | F2\_11\_1 | KENEDSW | F2 | 14 |
| 2025 | August | DDILPE89 | BIG\_FO\_PLEASA1\_1 | BIG\_FOOT | PLEASANT | 14 |
| 2025 | August | DALASOA8 | 138\_FTS\_LNC\_1 | FTST | LEONCRK | 13 |
| 2025 | August | MDFRYSK8 | SEA\_AAT1 | SEA | SEA | 13 |
| 2025 | August | MTULBAS8 | COLETO\_ROSATA1\_1 | COLETO | ROSATA | 13 |
| 2025 | August | MHARNED5 | BURNS\_RIOHONDO\_1 | RIOHONDO | MV\_BURNS | 13 |
| 2025 | August | DMTSCOS5 | 6240\_\_C | SACRC | DPCRK | 12 |
| 2025 | August | DCAGPIN8 | U4\_X1\_1 | X1 | U4 | 12 |
| 2025 | August | MIDUMCL8 | I\_DUPS\_RESNIK2\_2 | I\_DUPSW | RESNIK | 11 |
| 2025 | August | MLOFOAV5 | ASHERT\_CATARI1\_1 | ASHERTON | CATARINA | 11 |
| 2025 | August | SKLELOY8 | LOYOLA\_69\_1 | LOYOLA | LOYOLA | 11 |
| 2025 | August | SLONSAX8 | MORRIS\_NUECES1\_1 | NUECES\_B | MORRIS | 11 |
| 2025 | August | BASE CASE | 138\_FTS\_LNC\_1 | FTST | LEONCRK | 11 |
| 2025 | August | DWAP\_BI5 | BI\_JN\_64\_A | JN | BI | 11 |
| 2025 | August | SCT2CAR8 | HAMILT\_MAXWEL1\_1 | MAXWELL | HAMILTON | 10 |
| 2025 | August | SN\_SAJO5 | LASPUL\_RAYMND1\_1 | LASPULGA | RAYMND2 | 10 |
| 2025 | August | SP5CAG8 | D5\_S1\_1 | HOWARD | LEON\_CRK | 10 |
| 2025 | August | DTWLCED5 | HARGRO\_TWINBU1\_1 | TWINBU | HARGROVE | 10 |
| 2025 | August | SBRAHAM8 | ESCOND\_GANSO1\_1 | ESCONDID | GANSO | 10 |
| 2025 | August | SDIMBEV8 | UVALDE\_W\_BATE1\_1 | W\_BATESV | UVALDE | 9 |
| 2025 | August | DWLDSCO5 | 6217\_\_A | WLVSW | GAILS | 9 |
| 2025 | August | DFOAVLO5 | LARDVN\_LASCRU1\_1 | LARDVNTH | LASCRUCE | 9 |
| 2025 | August | SFMRRYS5 | 400\_\_A | FMRVL | RYSSW | 9 |
| 2025 | August | DBIGKEN5 | TREADW\_YELWJC1\_1 | TREADWEL | YELWJCKT | 9 |
| 2025 | August | SBRAPIN8 | HAMILT\_MAVERI1\_1 | HAMILTON | MAVERICK | 8 |
| 2025 | August | MMCCIDU8 | I\_DUPS\_RESNIK2\_2 | I\_DUPSW | RESNIK | 8 |
| 2025 | August | DWAP\_OB5 | MDOPHR99\_A | MDO | PHR | 8 |
| 2025 | August | BASE CASE | WESTEX | n/a | n/a | 8 |
| 2025 | August | DBIGSCH5 | PALOUS\_WOLFCA1\_1 | PALOUSE | WOLFCAMP | 8 |
| 2025 | August | XBIG89 | BIG\_FO\_PLEASA1\_1 | BIG\_FOOT | PLEASANT | 8 |
| 2025 | August | DELMSAN5 | PAWNEE\_SPRUCE\_1 | PAWNEE | CALAVERS | 8 |
| 2025 | August | DMOSME25 | 6345\_\_L | SNDHT | WLFSW | 7 |
| 2025 | August | DRNS\_TB5 | THWZEN71\_A | ZEN | THW | 7 |
| 2025 | August | DWPWFWP5 | STPWAP39\_1 | STP | WAP | 7 |
| 2025 | August | DBIGKEN5 | HAMILT\_MAXWEL1\_1 | MAXWELL | HAMILTON | 6 |
| 2025 | August | BASE CASE | SAMSW | n/a | n/a | 6 |
| 2025 | August | DSGTSCH5 | HARGRO\_TWINBU1\_1 | TWINBU | HARGROVE | 6 |
| 2025 | August | MLOFOAV5 | LARDVN\_LASCRU1\_1 | LARDVNTH | LASCRUCE | 6 |
| 2025 | August | SVENFTS5 | 35055\_\_A | SAMSW | VENSW | 6 |
| 2025 | August | SRNKEXC5 | 108\_\_A | EXCSW | RNKSW | 5 |
| 2025 | August | SSTILOM8 | SCARBI\_STILLM1\_1 | STILLMAN | SCARBIDE | 5 |
| 2025 | August | DSTEXP12 | BLESSI\_LOLITA1\_1 | LOLITA | BLESSING | 5 |
| 2025 | August | DGRSLNC5 | 6380\_\_D | MURRAY | PAINTCRE | 5 |
| 2025 | August | DBIGKEN5 | MADDUX\_TREADW1\_1 | MADDUX | TREADWEL | 5 |
| 2025 | August | XHA2S89 | OLS\_JNES\_1 | OLSEN | JNESBORO | 5 |
| 2025 | August | DGRMGRS8 | 6830\_\_B | CRDSW | OLNEY | 5 |
| 2025 | August | SGEOORN8 | ORNGROV\_69\_1 | ORNGROV | ORNGROV | 5 |
| 2025 | August | BASE CASE | PNHNDL | n/a | n/a | 5 |
| 2025 | August | SCARFRI8 | FDR\_OZNC\_1 | FRIEND\_R | OZNC | 5 |
| 2025 | August | BASE CASE | WHARTN | n/a | n/a | 5 |
| 2025 | August | STHSVE65 | 35065\_\_A | FVLSW | FTSSW | 5 |
| 2025 | August | DBIGSCH5 | CROSSO\_NORTMC1\_1 | NORTMC | CROSSOVE | 5 |
| 2025 | August | DDILPE89 | POT\_PEAR\_1 | PEARSALL | POTEETS | 5 |
| 2025 | August | SBUZHMP8 | 6217\_\_A | WLVSW | GAILS | 5 |
| 2025 | August | SBWDDBM5 | LPLNW\_LPLMD\_1 | LPLNW | LPLMD | 4 |
| 2025 | August | DEXCHCK5 | 583\_\_D | DCRSW | ALISN | 4 |
| 2025 | August | DBIGSCH5 | HARGRO\_TWINBU1\_1 | TWINBU | HARGROVE | 4 |
| 2025 | August | DBAKCED5 | JERRY\_PUMPJA1\_1 | PUMPJACK | JERRY | 4 |
| 2025 | August | MFOAVLO5 | LASCRU\_MILO1\_1 | LASCRUCE | MILO | 4 |
| 2025 | August | SVEAW\_L5 | 6217\_\_A | WLVSW | GAILS | 4 |
| 2025 | August | BASE CASE | N\_TO\_H | n/a | n/a | 4 |
| 2025 | August | DHILMAR5 | 361T361\_1 | SCHERT | PARKWA | 4 |
| 2025 | August | DNOESGT5 | HARGRO\_TWINBU1\_1 | TWINBU | HARGROVE | 4 |
| 2025 | August | SSHIMCC8 | CNT\_MCCR\_1 | MCCREE | CENTRVIL | 4 |
| 2025 | August | SFMRRY25 | 381\_\_A | FMRVL | RYSSW | 4 |
| 2025 | August | DPEADEV8 | BIG\_FOOT\_69A1 | BIG\_FOOT | BIG\_FOOT | 4 |
| 2025 | August | MFOAVLO5 | DEL\_MA\_LAREDO1\_1 | LAREDO | DEL\_MAR | 4 |
| 2025 | August | MLOFOAV5 | DEL\_MA\_LAREDO1\_1 | LAREDO | DEL\_MAR | 4 |
| 2025 | August | SMDOPHR5 | 138\_ALV\_NAL\_1 | TNNALVIN | ALVIN | 4 |
| 2025 | August | MDTCRTH5 | 35050\_\_B | FTSSW | VENSW | 4 |
| 2025 | August | DSNDBCE5 | 36040\_\_A | KNBSW | SALSW | 4 |
| 2025 | August | SOBWAP5 | OB\_WAP98\_A | WAP | OB | 4 |
| 2025 | August | SRN2EXC5 | 109\_\_A | EXCSW | RNKSW | 3 |
| 2025 | August | SFURVAN8 | RAYBUR\_FURHMAN\_1 | FURHMAN | RAYBURN | 3 |
| 2025 | August | MLOFOAV5 | BRUNI\_69\_1 | BRUNI | BRUNI | 3 |
| 2025 | August | SRIOZAP8 | DEL\_MA\_LAREDO1\_1 | LAREDO | DEL\_MAR | 3 |
| 2025 | August | MHARNED5 | BURNS\_HEIDLBRG\_1 | MV\_BURNS | MV\_HBRG4 | 3 |
| 2025 | August | SILLFTL8 | HAMILT\_MAXWEL1\_1 | MAXWELL | HAMILTON | 3 |
| 2025 | August | DFOAVLO5 | LASCRU\_MILO1\_1 | LASCRUCE | MILO | 3 |
| 2025 | August | MPEABIG8 | POT\_PEAR\_1 | PEARSALL | POTEETS | 3 |
| 2025 | August | MLONPK25 | 6375\_\_A | GRSES | GRMES | 3 |
| 2025 | August | SWLALCS8 | 1025\_\_B | FROWS | MCLSW | 3 |
| 2025 | August | DCNSLHS8 | 3660\_\_A | LHSES | PRCSW | 3 |
| 2025 | August | SWALWLN8 | SWI\_OLIN\_1 | OLINGR | SWINDELL | 3 |
| 2025 | August | XFTS89 | ALPINE\_BRONCO1\_1 | BRONCO | ALPINE | 3 |
| 2025 | August | SCOLPAW5 | COLETO\_ROSATA1\_1 | COLETO | ROSATA | 3 |
| 2025 | August | MHARNED5 | HAINE\_\_LA\_PAL1\_1 | LA\_PALMA | HAINE\_DR | 3 |
| 2025 | August | BASE CASE | RV\_RH | n/a | n/a | 3 |
| 2025 | August | SELMTH25 | 1025\_\_B | FROWS | MCLSW | 3 |
| 2025 | August | DMBDRKC5 | 651\_\_B | CMNSW | CMNTP | 3 |
| 2025 | August | SCISPUT8 | LENSW\_PUTN2\_1 | LENSW | PUTN | 3 |
| 2025 | August | SSTAPYO8 | 138\_IH2\_COT\_1 | IH20 | TNCOLIET | 3 |
| 2025 | August | SW\_LVLT5 | 15060\_\_A | KOCHTAP | BUZSW | 3 |
| 2025 | August | MRGRSUN8 | 6240\_\_C | SACRC | DPCRK | 3 |
| 2025 | August | SCMNCPS5 | 651\_\_B | CMNSW | CMNTP | 3 |
| 2025 | August | SRAYRI38 | HAINE\_\_LA\_PAL1\_1 | LA\_PALMA | HAINE\_DR | 3 |
| 2025 | August | DFRIILL8 | HAMILT\_MAXWEL1\_1 | MAXWELL | HAMILTON | 3 |
| 2025 | August | SRICGRS8 | 6840\_\_B | NVKSW | ANARN | 3 |
| 2025 | August | SHC2EXC5 | 107\_\_B | HCKSW | EXCSW | 2 |
| 2025 | August | SMCEESK8 | MKLT\_TRNT1\_1 | TRNT | MKLT | 2 |
| 2025 | August | SBCESN35 | 431\_\_A | BCESW | SNDSW | 2 |
| 2025 | August | DNOETWL5 | HARGRO\_TWINBU1\_1 | TWINBU | HARGROVE | 2 |
| 2025 | August | XALM689 | ALMC\_T2 | ALMC | ALMC | 2 |
| 2025 | August | DZORHAY5 | BERGHE\_AT1H | BERGHE | BERGHE | 2 |
| 2025 | August | SOZNFRI9 | BIGLAK\_PHBL\_T1\_1 | BIGLAKE | PHBL\_TAP | 2 |
| 2025 | August | MBONNED5 | BURNS\_RIOHONDO\_1 | RIOHONDO | MV\_BURNS | 2 |
| 2025 | August | SCO2EUL8 | COLETO\_ROSATA1\_1 | COLETO | ROSATA | 2 |
| 2025 | August | SCONMGS5 | 6056\_\_Z | LNGSW | CONSW | 2 |
| 2025 | August | SCOLBAL8 | BALLIN\_HUMBLT1\_1 | BALLINGE | HUMBLTAP | 2 |
| 2025 | August | SBRAPIN8 | ESCOND\_GANSO1\_1 | GANSO | ESCONDID | 2 |
| 2025 | August | DMCEBUT8 | MKLT\_TRNT1\_1 | TRNT | MKLT | 2 |
| 2025 | August | DBIGSCH5 | SANTAR\_WOLFCA1\_1 | WOLFCAMP | SANTARIT | 2 |
| 2025 | August | MDTPCTH5 | 1025\_\_B | FROWS | MCLSW | 2 |
| 2025 | August | SBROALP9 | COCS\_FTST1\_1 | FTST | COCS | 2 |
| 2025 | August | SWLTBRT8 | EUSTWLTN\_RC\_1 | EUSTSERC | WALTSSRC | 2 |
| 2025 | August | DBAKCED5 | HARGRO\_PUMPJA1\_1 | HARGROVE | PUMPJACK | 2 |
| 2025 | August | SFORYEL8 | HEXT\_YELWJC1\_1 | YELWJCKT | HEXT | 2 |
| 2025 | August | DTCRTHS5 | 35055\_\_A | SAMSW | VENSW | 2 |
| 2025 | August | DWLFMET5 | 6345\_\_L | SNDHT | WLFSW | 2 |
| 2025 | August | DKENBA89 | COLETO\_ROSATA1\_1 | COLETO | ROSATA | 2 |
| 2025 | August | SCOLBAL8 | SANA\_FMR1 | SANA | SANA | 2 |
| 2025 | August | SBRAPIN8 | ESCOND\_GANSO1\_1 | ESCONDID | GANSO | 2 |
| 2025 | August | DMGSBTR5 | 6036\_\_A | TKWSW | MGSES | 2 |
| 2025 | August | DLNCGRS5 | 6380\_\_D | MURRAY | PAINTCRE | 2 |
| 2025 | August | MMCKLNC5 | 6380\_\_D | MURRAY | PAINTCRE | 2 |
| 2025 | August | DTWLCED5 | 6056\_\_Z | LNGSW | CONSW | 2 |
| 2025 | August | SWLTBRT8 | EUSTWLTN\_RC\_1 | WALTSSRC | EUSTSERC | 2 |
| 2025 | August | DROUCHI8 | 1680\_\_B | RNDRK | RRWES | 2 |
| 2025 | August | DTRIASH8 | 211T147\_1 | GILLCR | MCNEIL\_ | 1 |
| 2025 | August | DBYRBOW5 | 6011\_\_B | RILEY | FSHSW | 1 |
| 2025 | August | DODEMOS5 | 6505\_\_A | NYLNT | NYLSW | 1 |
| 2025 | August | DODEMOS5 | 6505\_\_A | NYLSW | NYLNT | 1 |
| 2025 | August | BASE CASE | 690\_\_Z | LIBTY\_RC | EMYNR | 1 |
| 2025 | August | SBENS\_M8 | BENTS\_FRTER\_1B\_1 | FRONTERA | S\_MISSIN | 1 |
| 2025 | August | DWELONL8 | CLARK\_\_LON\_HI1\_1 | LON\_HILL | CLARK\_WD | 1 |
| 2025 | August | DFRIILL8 | CROSSO\_NORTMC1\_1 | NORTMC | CROSSOVE | 1 |
| 2025 | August | SDICFR28 | G138\_8A\_1 | PHR | HDNLAKES | 1 |
| 2025 | August | SBRAPIN8 | GANSO\_MAVERI1\_1 | MAVERICK | GANSO | 1 |
| 2025 | August | SPINZIE8 | GANSO\_MAVERI1\_1 | GANSO | MAVERICK | 1 |
| 2025 | August | MHARNED5 | LASPUL\_RAYMND1\_1 | LASPULGA | RAYMND2 | 1 |
| 2025 | August | XRN2K58 | RNKSW\_MR2L | RNKSW | RNKSW | 1 |
| 2025 | August | DCNPPVN8 | 1025\_\_B | FROWS | MCLSW | 1 |
| 2025 | August | BASE CASE | 138\_HDL\_EVE\_1 | HDNLAKES | EVLN\_ESS | 1 |
| 2025 | August | DFERGRM8 | 33T218\_1 | WIRTZ | BURNET | 1 |
| 2025 | August | DTCRTHS5 | 35050\_\_B | FTSSW | VENSW | 1 |
| 2025 | August | DFOAVLO5 | ASHERT\_CATARI1\_1 | CATARINA | ASHERTON | 1 |
| 2025 | August | SW\_BBAT8 | BATESVL\_69\_1 | BATESVL | BATESVL | 1 |
| 2025 | August | DDILPE89 | BIG\_FOOT\_69A1 | BIG\_FOOT | BIG\_FOOT | 1 |
| 2025 | August | SBATPAL8 | FRI\_PEAR\_1 | PEARSALL | FRIOTOS | 1 |
| 2025 | August | SBRAESC8 | HAMILT\_MAVERI1\_1 | HAMILTON | MAVERICK | 1 |
| 2025 | August | SBWDDBM5 | LPLNE\_LPLDB\_1 | LPLNE | LPLDB | 1 |
| 2025 | August | STRECFL8 | MADDUX\_SAPOWE2\_1 | MADDUX | SAPOWER | 1 |
| 2025 | August | DSALHUT5 | SEA\_AAT1 | SEA | SEA | 1 |
| 2025 | August | DCAGTX\_8 | UVALDE\_W\_BATE1\_1 | W\_BATESV | UVALDE | 1 |
| 2025 | August | SSTAWIC8 | 138\_COT\_BPT\_1 | TNCOLIET | BRDSPRYT | 1 |
| 2025 | August | DTNFBCA8 | 138\_FTS\_LNC\_1 | FTST | LEONCRK | 1 |
| 2025 | August | DBRHLIG8 | 6405\_\_C | HLSES | RMTPW | 1 |
| 2025 | August | DMTSCOS5 | 6437\_\_A | KNAPP | BCKSW | 1 |
| 2025 | August | DCSHSSP5 | 690\_\_Z | EMYNR | LIBTY\_RC | 1 |
| 2025 | August | SBAKCED5 | BAKRFLD\_CEDCAN\_1 | CEDACA | BAKESW | 1 |
| 2025 | August | SES2FRI8 | BIGLAK\_PHBL\_T1\_1 | BIGLAKE | PHBL\_TAP | 1 |
| 2025 | August | DWAP\_JN5 | BI\_WAP50\_A | WAP | BI | 1 |
| 2025 | August | MFOAVLO5 | BRUNI\_69\_1 | BRUNI | BRUNI | 1 |
| 2025 | August | DBIGSCH5 | CROSSO\_PALOUS1\_1 | CROSSOVE | PALOUSE | 1 |
| 2025 | August | DDILCOT8 | DILLEYSW\_XF1H | DILLEYSW | DILLEYSW | 1 |
| 2025 | August | SFORYEL8 | HEXT\_MASONS1\_1 | HEXT | MASONSW | 1 |
| 2025 | August | DPHRCTR5 | MDOPHR99\_A | MDO | PHR | 1 |
| 2025 | August | DRNS\_TB5 | NB\_THW97\_A | THW | NB | 1 |
| 2025 | August | SFTLMES8 | PALOUS\_WOLFCA1\_1 | PALOUSE | WOLFCAMP | 1 |
| 2025 | August | SFTLMES8 | SANTAR\_WOLFCA1\_1 | WOLFCAMP | SANTARIT | 1 |
| 2025 | August | SSPUASP8 | SPUR\_69\_1 | SPUR | SPUR | 1 |
| 2025 | August | SBE2ASH8 | TURTLECK\_WCRYS\_1 | TURTLCRK | WCRYSTS | 1 |
| 2025 | August | DOASSEB5 | WAPWLY72\_A | WLY | WAP | 1 |
| 2025 | August | DCPSES12 | 35055\_\_A | SAMSW | VENSW | 1 |
| 2025 | August | SCLCGTN8 | 6635\_\_G | MRVLY | ESTLD | 1 |
| 2025 | August | SRICGRS8 | 6840\_\_A | ANARN | CRDSW | 1 |
| 2025 | August | SRT2WC8 | G138\_17\_1 | BRAZORIA | RT | 1 |
| 2025 | August | DNOETWL5 | HARGRO\_PUMPJA1\_1 | HARGROVE | PUMPJACK | 1 |
| 2025 | August | SHA2MAX8 | MAXWEL\_WHITIN1\_1 | MAXWELL | WHITING | 1 |
| 2025 | August | DHILPAN8 | P3\_P1TAP\_1 | SKYLINE | P1 | 1 |
| 2025 | August | SSNYCGR8 | SNYDR\_FMR1 | SNYDR | SNYDR | 1 |
| 2025 | August | BASE CASE | VALEXP | n/a | n/a | 1 |
| 2025 | August | SMV\_ALB8 | VAL\_VERD\_WSLCO\_1 | MV\_VALV4 | WESLACO | 1 |
| 2025 | August | DDOWSEB5 | WAPWLY72\_A | WLY | WAP | 1 |
| 2025 | August | SWALWLN8 | WYL\_NEVA\_1 | NEVADA | WYLIESW | 1 |
| 2025 | August | SCHIRND8 | 1680\_\_B | RNDRK | RRWES | 1 |
| 2025 | August | MDTCRTH5 | 35055\_\_A | SAMSW | VENSW | 1 |
| 2025 | August | SSNYCGR8 | 6695\_\_B | SNYDR | AMOTP | 1 |
| 2025 | August | DBOBED58 | BENJTA\_MUNDAY1\_1 | MUNDAYST | BENJTAP | 1 |
| 2025 | August | DCC1DUKE | BURNS\_RIOHONDO\_1 | RIOHONDO | MV\_BURNS | 1 |
| 2025 | August | SCITWEI8 | CLARK\_\_LON\_HI1\_1 | LON\_HILL | CLARK\_WD | 1 |
| 2025 | August | SRCHRDP8 | NVARO\_MR2H | NVARO | NVARO | 1 |
| 2025 | August | MDTPCTH5 | PRY\_PRY1 | PRY | PRY | 1 |
| 2025 | August | BASE CASE | 138\_HDL\_EVE\_1 | EVLN\_ESS | HDNLAKES | 1 |
| 2025 | August | DVENFTS5 | 235\_\_A | SGRSW | JEWET | 1 |
| 2025 | August | DKRKCNR8 | 3660\_\_A | LHSES | PRCSW | 1 |
| 2025 | August | SWSTBDL8 | 535\_\_G | MCWTP | MCWHT | 1 |
| 2025 | August | DVENLIG5 | 6300\_\_C | BOWEN | VGCRK | 1 |
| 2025 | August | DVENLIG5 | 6300\_\_C | VGCRK | BOWEN | 1 |
| 2025 | August | DMOSME25 | 6420\_\_A | HLTSW | TBCSW | 1 |
| 2025 | August | BASE CASE | 690\_\_Z | EMYNR | LIBTY\_RC | 1 |
| 2025 | August | DPRSPAC5 | 874\_\_A | CRSSW | COMSW | 1 |
| 2025 | August | DELMSAN5 | BIG\_FOOT\_69A1 | BIG\_FOOT | BIG\_FOOT | 1 |
| 2025 | August | SDANBLE8 | BLESSING\_69A1 | BLESSING | BLESSING | 1 |
| 2025 | August | SDAFAUS8 | CKT\_1027\_1 | DUNLAP | DECKER | 1 |
| 2025 | August | SMDOOAS5 | GN\_PZ\_08\_A | GN | PZ | 1 |
| 2025 | August | SBCESND5 | 421\_\_A | BCESW | SNDSW | 1 |
| 2025 | August | SSANFER8 | 48T130\_1 | GILLES | ECKERT | 1 |
| 2025 | August | DGRMGRS8 | 6635\_\_G | ESTLD | MRVLY | 1 |
| 2025 | August | DGRMGRS8 | 6635\_\_G | MRVLY | ESTLD | 1 |
| 2025 | August | DCSHSSP5 | 690\_\_Z | LIBTY\_RC | EMYNR | 1 |
| 2025 | August | DBRNCMN8 | BALLIN\_HUMBLT1\_1 | BALLINGE | HUMBLTAP | 1 |
| 2025 | August | DSTPREF5 | CKT\_3124\_1 | STP | HLJ | 1 |
| 2025 | August | SMCEESK8 | ESKSW\_TRNT1\_1 | ESKSW | TRNT | 1 |
| 2025 | August | SRAYRI28 | HAINE\_\_LA\_PAL1\_1 | LA\_PALMA | HAINE\_DR | 1 |
| 2025 | August | SRAYRIO8 | HAINE\_\_LA\_PAL1\_1 | LA\_PALMA | HAINE\_DR | 1 |
| 2025 | August | SFTLMES8 | MIDW\_OZONA1\_1 | OZONA | MIDW | 1 |
| 2025 | August | SOBWA2P5 | OB\_WAP99\_A | WAP | OB | 1 |
| 2025 | August | MSUNESC8 | UVALDE\_W\_BATE1\_1 | W\_BATESV | UVALDE | 1 |
| 2025 | August | SSTAWIC8 | 138\_HRT\_BPT\_1 | BRDSPRYT | HARPOONT | 1 |
| 2025 | August | STNPTO25 | 345\_TWN\_WLO\_1 | TNWILLOW | TOKSW | 1 |
| 2025 | August | DWLDSCO5 | 6217\_\_D | KEYSB | LMESA | 1 |
| 2025 | August | SPEBTRU8 | 940\_\_A | ENWSW | TMPTN | 1 |
| 2025 | August | DMCOPHA8 | AZTECA\_HEC1\_1 | HEC | AZTECA | 1 |
| 2025 | August | SEUSWLT8 | BLASCOFE\_RC\_1 | BLASW | COFESSRC | 1 |
| 2025 | August | DSGTSCH5 | CROSSO\_NORTMC1\_1 | NORTMC | CROSSOVE | 1 |
| 2025 | August | DMCEBUT8 | ESKSW\_TRNT1\_1 | ESKSW | TRNT | 1 |
| 2025 | August | SPINZIE8 | GANSO\_MAVERI1\_1 | MAVERICK | GANSO | 1 |
| 2025 | August | SMCEABS8 | MKLT\_TRNT1\_1 | TRNT | MKLT | 1 |
| 2025 | August | BASE CASE | X5\_ALAMO1\_1 | OCI\_ALM1 | X5 | 1 |

1. Current Wind Generation Record: 28,550 MW on 03/03/2025 at 20:42 | Current Wind Penetration Record: 69.15% on 04/10/2022 at 01:43

   Current Solar Generation Record: 29.337 MW on 07/29/2025 at 11:18 | Current Solar Penetration Record: 56.60% on 03/20/2025 at 12:25 [↑](#footnote-ref-2)