

Release Date: May 3, 2023

Seasonal Assessment of Resource Adequacy for the ERCOT Region (SARA) Summer 2023

SUMMARY

Assuming that the ERCOT Region experiences typical summer grid conditions, ERCOT anticipates that there will be sufficient installed generating capacity available to serve the system-wide forecasted peak load for the upcoming summer season, June - September 2023.

The base summer peak load is 82,739 MW. This load amount is based on average weather conditions at the time of the summer peaks for years 2007 through 2021, and does not incorporate ERCOT's summer 2023 weather outlook. Weather forecast information, including the 2023 summer weather outlook, is available at:

<https://www.ercot.com/gridmktinfo/dashboards/weatherforecast/>

The peak load also incorporates load adjustments to account for incremental solar rooftop system additions as well as the interconnection of Large Loads (such as crypto-mining facilities) to Transmission Service Provider networks and individual generating units. The background tab includes a detailed description of the methodology used for accounting for these Large Loads.

Over 97,000 MW of summer-rated resource capacity is expected to be available for the summer peak load. This includes 688 MW of planned thermal resources and 372 MW of planned solar resources forecasted to be available by July 2023. The total resource amount also includes 3,544 MW of installed battery storage capacity, with 447 MW of the installed total assumed to be available for dispatch prior to the highest summer net load hours. (Net load is total load minus wind and solar generation.) This capacity estimate serves as a proxy for the amount expected during a tight reserve hour for the upcoming summer and is an interim availability assumption to be used until a formal capacity contribution method is adopted for future SARA reports.

Also noteworthy is a 568 MW coal unit that changed its operations from year-round to summer only. The total amount of capacity associated with units operating only during the summer now stands at 704 MW, which is the highest amount since summer 2016.

ERCOT and thermal generation owners are closely monitoring the potential impacts of the U.S. Environmental Protection Agency's March 15th approval of its "Good Neighbor Plan" for reducing cross-state emissions of ozone-forming nitrogen oxides (NOx). Several generation owners in the ERCOT region indicated the potential that certain generators may face operational constraints in complying with the Program's provisions as soon as July 2023. Texas, Louisiana and other parties filed a motion with the Fifth Circuit court to stay the EPA's regulatory action due to potential reliability impacts. On May 1, 2023, the Court granted the motion to stay the EPA action.

The summer SARA includes a typical thermal generating unit outage assumption of 5,034 MW. This outage assumption is based on historical outage data for the last three summer seasons (2020, 2021, 2022).

The summer SARA includes two Risk Scenario tabs: Base & Moderate Risk Scenarios, and Extreme Risk Scenarios. The most severe Risk Scenario assumes a high peak load, extreme unplanned thermal plant outages based on historic observations, and extreme low wind power production.

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Installed and Summer Capacity Ratings, MW

Resources, MW	Installed Capacity Rating 1/	Expected Capacity for Summer Peak Demand 2/	
Thermal Resources, Installed Summer-rated Capacity	73,239	65,091	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Hydroelectric, Peak Average Capacity Contribution	563	478	Based on 84% of installed capacity for hydro resources (Summer season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Switchable Capacity Total	3,840	3,490	Installed capacity of units that can interconnect with other Regions and are available to ERCOT
Less Switchable Capacity Unavailable to ERCOT	(572)	(542)	Based on survey responses of Switchable Resource owners
Available Mothballed Capacity	713	704	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Capacity from Private Use Networks	9,575	2,869	Average grid injection during the top 20 Summer peak load hours over the last three years, plus the forecasted net change in generation capacity available to the ERCOT grid pursuant to Nodal Protocols Section 10.3.2.4.
Coastal Wind, Peak Average Capacity Contribution	5,436	3,258	Based on 60% of installed capacity for coastal wind resources (Summer season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Panhandle Wind, Peak Average Capacity Contribution	4,410	1,322	Based on 30% of installed capacity for panhandle wind resources (Summer season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Other Wind, Peak Average Capacity Contribution	27,900	5,847	Based on 21% of installed capacity for other wind resources (Summer season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Solar Utility-Scale, Peak Average Capacity Contribution	15,659	12,264	Based on 79% of rated capacity for solar resources (Summer season) per Nodal Protocols Section 3.2.6.2.2
Storage, Peak Average Capacity Contribution	3,287	415	Based on the amount of battery storage capability assumed to be available for dispatch prior to the highest summer net load hours. (Net load is total load minus wind and solar generation, and represents the demand that must be met with other available resources.) This is an interim availability assumption for use until a formal capacity contribution method is adopted for future reports
RMR Capacity to be under Contract	-	-	
Capacity Pending Retirement	-	-	Announced retired capacity that is undergoing ERCOT grid reliability reviews pursuant to Nodal Protocols Section 3.14.1.2
Non-Synchronous Ties, Capacity Contribution	1,220	850	Based on net imports during summer 2019 Energy Emergency Alert (EEA) intervals
Planned Thermal Resources with Signed IA, Air Permits and Adequate Water Supplies	720	688	Based on in-service dates provided by developers
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution	-	-	Based on in-service dates provided by developers and 60% Summer capacity contribution for coastal wind resources
Planned Panhandle Wind with Signed IA, Peak Average Capacity Contribution	-	-	Based on in-service dates provided by developers and 30% Summer capacity contribution for panhandle wind resources
Planned Other Wind with Signed IA, Peak Average Capacity Contribution	-	-	Based on in-service dates provided by developers and 21% Summer capacity contribution for other wind resources
Planned Solar Utility-Scale, Peak Average Capacity Contribution	471	372	Based on in-service dates provided by developers and 79% Summer capacity contribution for solar resources
Planned Storage, Peak Average Capacity Contribution	257	32	Based on the amount of battery storage capability assumed to be available for dispatch prior to the highest summer net load hours. This is an interim availability assumption for use until a formal capacity contribution method is adopted for future reports

[a] Total Resources, MW

146,719

97,138

1/ Installed capacity ratings are based on the maximum power that a generating unit can produce during normal sustained operating conditions as specified by the equipment manufacturer.

Seasonal Assessment of Resource Adequacy for the ERCOT Region
Summer 2023
Release Date: May 3, 2023

Base & Moderate Reserve Capacity Risk Scenarios, MW

	Forecasted Peak Load / Typical Unplanned Outages / Typical Wind and Solar	High Peak Load / Typical Unplanned Outages / Typical Wind and Solar	Forecasted Peak Load / High Unplanned Outages / Typical Wind and Solar	Forecasted Peak Load / Typical Unplanned Outages / Low Wind and Solar
Scenario Adjustments				
[a] Peak Load Forecast (Baseline)	82,739	82,739	82,739	82,739
[b] Rooftop PV Forecast Reduction, MW	(432)	(432)	(432)	(432)
[c] Large Flexible Load Adjustment, MW	1,105	1,105	1,105	1,105
[d] Adjusted Peak Load Forecast, [a+b+c]	83,412	83,412	83,412	83,412
[e] Total Resources (from Forecast Capacity tab)	97,138	97,138	97,138	97,138
Uses of Reserve Capacity				
High Peak Load Adjustment	-	3,389	-	-
Typical Planned Outages, Thermal	59	59	59	59
Typical Unplanned Outages, Thermal	4,975	4,975	4,975	4,975
High Unplanned Outage Adjustment, Thermal	-	-	3,389	-
Low Wind Output Reduction to 2,894 MW	-	-	-	7,533
Low Solar Output Reduction to 9,263 MW	-	-	-	3,373
[f] Total Uses of Reserve Capacity	5,034	8,423	8,423	15,940

Capacity Available For Operating Reserves

[g] Capacity Available for Operating Reserves, Normal Operating Conditions (Scenarios tab e-d-f), MW Less than 2,300 MW indicates risk of EEA1	8,692	5,303	5,303	(2,215)
[h] Pre-EEA Resources available for ERCOT deployment (Emergency Response Service, distribution voltage reduction, LFL curtailment)	-	-	-	2,760
[i] EEA Resources available for ERCOT deployment	-	-	-	1,817
[j] Capacity Available for Operating Reserves, Emergency Conditions (g+h+i), MW Less than 1,000 MW indicates risk of EEA3 Load Shed	8,692	5,303	5,303	2,362

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Extreme Reserve Capacity Risk Scenarios, MW
(One or a combination of extreme risk assumptions resulting in low probability, high impact outcomes)

	Extreme Peak Load / Typical Unplanned Outages / Typical Wind and Solar	Extreme Peak Load / Extreme Unplanned Outages / Typical Wind and Solar	High Peak Load / Extreme Unplanned Outages / Extreme Low Wind
Scenario Adjustments			
[a] Peak Load Forecast (Baseline)	82,739	82,739	82,739
[b] Rooftop PV Forecast Reduction, MW	(432)	(432)	(432)
[c] Large Flexible Load Adjustment, MW	1,105	1,105	1,105
[d] Adjusted Peak Load Forecast, [a+b+c]	83,412	83,412	83,412
[e] Total Resources (from Forecast Capacity tab)	97,138	97,138	97,138
Uses of Reserve Capacity			
High/Extreme Peak Load Adjustment	5,114	5,114	3,389
Typical Planned Outages, Thermal	59	59	59
Typical Unplanned Outages, Thermal	4,975	4,975	4,975
Extreme Unplanned Outage Adjustment, Thermal	-	6,173	6,173
Extreme Low Wind Output Adjustment to 61 MW	-	-	10,366
[f] Total Uses of Reserve Capacity	10,148	16,321	24,962

Capacity Available For Operating Reserves

[g] Capacity Available for Operating Reserves, Normal Operating Conditions (Scenarios tab e-d-f), MW Less than 2,300 MW indicates risk of EEA1	3,578	(2,595)	(11,236)
[h] Pre-EEA Resources available for ERCOT deployment (Emergency Response Service, distribution voltage reduction, LFL curtailment)	-	2,760	2,760
[i] EEA Resources available for ERCOT deployment	-	1,817	1,817
[j] Capacity Available for Operating Reserves, Emergency Conditions (g+h+i), MW Less than 1,000 MW indicates risk of EEA3 Load Shed	3,578	1,982	(6,659)

Unit Megawatt Capacities - Summer

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
Operational Resources (Thermal)									
4 COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,269.0	1,205.0	
5 COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,269.0	1,195.0	
6 SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,365.0	1,293.2	
7 SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,365.0	1,280.0	
8 COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	650.0	655.0	
9 FAYETTE POWER U1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	615.0	604.0	
10 FAYETTE POWER U2		FPPYD2_FPP_G2	FAYETTE	COAL	SOUTH	1980	615.0	599.0	
11 FAYETTE POWER U2		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	460.0	437.0	
12 J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	555.0	560.0	
13 J K SPRUCE U2		CALAVERS_JKS2	BEXAR	COAL	SOUTH	2010	922.0	785.0	
14 LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	893.0	824.0	
15 LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	956.8	836.0	
16 MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	893.0	800.0	
17 MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	893.0	805.0	
18 MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	893.0	805.0	
19 OAK GROVE SES U1		OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	916.8	855.0	
20 OAK GROVE SES U2		OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	916.8	855.0	
21 SAN MIGUEL U1		SANMIGL_G1	ATASCOSA	COAL	SOUTH	1982	430.0	391.0	
22 SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	1,008.0	932.6	
23 TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	174.6	155.0	
24 TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	174.6	155.0	
25 W A PARISH U5		WAP_WAP_G5	FORT BEND	COAL	HOUSTON	1977	734.1	664.0	
26 W A PARISH U6		WAP_WAP_G6	FORT BEND	COAL	HOUSTON	1978	734.1	663.0	
27 W A PARISH U7		WAP_WAP_G7	FORT BEND	COAL	HOUSTON	1980	614.6	577.0	
28 W A PARISH U8		WAP_WAP_G8	FORT BEND	COAL	HOUSTON	1982	654.0	610.0	
29 ARTHUR VON ROSENBERG 1 CTG 1		BRAUNIG_AV1_CT1	BEXAR	GAS-CC	SOUTH	2000	195.0	164.0	
30 ARTHUR VON ROSENBERG 1 CTG 2		BRAUNIG_AV1_CT2	BEXAR	GAS-CC	SOUTH	2000	195.0	164.0	
31 ARTHUR VON ROSENBERG 1 STG		BRAUNIG_AV1_ST	BEXAR	GAS-CC	SOUTH	2000	222.0	190.0	
32 ATKINS CTG 7		ATKINS_ATKING7	BRAZOS	GAS-GT	NORTH	1973	21.0	18.0	
33 BARNEY M DAVIS CTG 3		B_DAVIS_B_DAVID3	NUECES	GAS-CC	COASTAL	2010	189.6	157.0	
34 BARNEY M DAVIS CTG 4		B_DAVIS_B_DAVID4	NUECES	GAS-CC	COASTAL	2010	189.6	157.0	
35 BARNEY M DAVIS STG 1		B_DAVIS_B_DAVID1	NUECES	GAS-ST	COASTAL	1974	352.8	292.0	
36 BARNEY M DAVIS STG 2		B_DAVIS_B_DAVID2	NUECES	GAS-CC	COASTAL	1976	351.0	319.0	
37 BASTROP ENERGY CENTER CTG 1		BASTEN_GTG100	BASTROP	GAS-CC	SOUTH	2002	188.0	171.0	
38 BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS-CC	SOUTH	2002	188.0	171.0	
39 BASTROP ENERGY CENTER STG		BASTEN_ST0100	BASTROP	GAS-CC	SOUTH	2002	242.0	233.0	
40 BEACHWOOD POWER STATION U1		BCH_UNIT1	BRAZORIA	GAS-GT	COASTAL	2022	60.5	44.6	
41 BEACHWOOD POWER STATION U2		BCH_UNIT2	BRAZORIA	GAS-GT	COASTAL	2022	60.5	44.6	
42 BEACHWOOD POWER STATION U3		BCH_UNIT3	BRAZORIA	GAS-GT	COASTAL	2022	60.5	44.6	
43 BEACHWOOD POWER STATION U4		BCH_UNIT4	BRAZORIA	GAS-GT	COASTAL	2022	60.5	44.6	
44 BEACHWOOD POWER STATION U5		BCH_UNIT5	BRAZORIA	GAS-GT	COASTAL	2022	60.5	44.6	
45 BEACHWOOD POWER STATION U6		BCH_UNIT6	BRAZORIA	GAS-GT	COASTAL	2022	60.5	44.6	
46 BOSQUE ENERGY CENTER CTG 1		BOSQUESW_BSQSU_1	BOSQUE	GAS-CC	NORTH	2000	188.7	143.0	
47 BOSQUE ENERGY CENTER CTG 2		BOSQUESW_BSQSU_2	BOSQUE	GAS-CC	NORTH	2000	188.7	143.0	
48 BOSQUE ENERGY CENTER CTG 3		BOSQUESW_BSQSU_3	BOSQUE	GAS-CC	NORTH	2001	188.7	145.0	
49 BOSQUE ENERGY CENTER STG 4		BOSQUESW_BSQSU_4	BOSQUE	GAS-CC	NORTH	2001	95.0	79.5	
50 BOSQUE ENERGY CENTER STG 5		BOSQUESW_BSQSU_5	BOSQUE	GAS-CC	NORTH	2009	254.2	213.5	
51 BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS-CC	HOUSTON	2003	198.9	149.7	
52 BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS-CC	HOUSTON	2003	198.9	149.7	
53 BRAZOS VALLEY STG 3		BVE_UNIT3	FORT BEND	GAS-CC	HOUSTON	2003	275.6	257.9	
54 CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS-CC	WEST	1987	75.0	75.0	
55 CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS-CC	WEST	1987	75.0	75.0	
56 CALHOUN (PORT COMFORT) CTG 1		CALHOUN_UNIT1	CALHOUN	GAS-GT	COASTAL	2017	60.5	44.0	
57 CALHOUN (PORT COMFORT) CTG 2		CALHOUN_UNIT2	CALHOUN	GAS-GT	COASTAL	2017	60.5	44.0	
58 CASTLEMAN CHAMON CTG 1		CHAMON_CTD_0101	HARRIS	GAS-GT	HOUSTON	2017	60.5	44.0	
59 CASTLEMAN CHAMON CTG 2		CHAMON_CTD_0301	HARRIS	GAS-GT	HOUSTON	2017	60.5	44.0	
60 CEDAR BAYOU 4 CTG 1		CBY4_CT41	CHAMBERS	GAS-CC	HOUSTON	2009	205.0	163.0	
61 CEDAR BAYOU 4 CTG 2		CBY4_CT42	CHAMBERS	GAS-CC	HOUSTON	2009	205.0	163.0	
62 CEDAR BAYOU 4 STG		CBY4_ST04	CHAMBERS	GAS-CC	HOUSTON	2009	205.0	178.0	
63 CEDAR BAYOU STG 1		CBY_CBY_G1	CHAMBERS	GAS-ST	HOUSTON	1970	765.0	745.0	
64 CEDAR BAYOU STG 2		CBY_CBY_G2	CHAMBERS	GAS-ST	HOUSTON	1972	765.0	749.0	
65 COLORADO BEND ENERGY CENTER CTG 1		CBEC_GT1	WHARTON	GAS-CC	SOUTH	2007	86.5	81.5	
66 COLORADO BEND ENERGY CENTER CTG 2		CBEC_GT2	WHARTON	GAS-CC	SOUTH	2007	86.5	74.8	
67 COLORADO BEND ENERGY CENTER CTG 3		CBEC_GT3	WHARTON	GAS-CC	SOUTH	2008	86.5	82.1	
68 COLORADO BEND ENERGY CENTER CTG 4		CBEC_GT4	WHARTON	GAS-CC	SOUTH	2008	86.5	75.9	
69 COLORADO BEND ENERGY CENTER STG 1		CBEC_STG1	WHARTON	GAS-CC	SOUTH	2007	105.0	103.2	
70 COLORADO BEND ENERGY CENTER STG 2		CBEC_STG2	WHARTON	GAS-CC	SOUTH	2008	108.8	107.6	
71 COLORADO BEND II CTG 7		CBECII_CT7	WHARTON	GAS-CC	SOUTH	2017	360.9	329.3	
72 COLORADO BEND II CTG 8		CBECII_CT8	WHARTON	GAS-CC	SOUTH	2017	360.9	335.0	
73 COLORADO BEND II STG 9		CBECII_STG9	WHARTON	GAS-CC	SOUTH	2017	508.5	478.4	
74 CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS-CC	HOUSTON	2002	192.1	169.0	
75 CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS-CC	HOUSTON	2002	192.1	165.0	
76 CVC CHANNELVIEW CTG 3		CVC_CVC_G3	HARRIS	GAS-CC	HOUSTON	2002	192.1	165.0	
77 CVC CHANNELVIEW STG 5		CVC_CVC_G5	HARRIS	GAS-CC	HOUSTON	2002	150.0	144.0	
78 DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS-GT	NORTH	2004	48.0	45.0	
79 DANSBY CTG 3		DANSBY_DANSBYG3	BRAZOS	GAS-GT	NORTH	2010	50.0	47.0	
80 DANSBY STG 1		DANSBY_DANSBYG1	BRAZOS	GAS-ST	NORTH	1978	120.0	107.0	
81 DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS-GT	SOUTH	1989	56.7	48.0	
82 DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS-GT	SOUTH	1989	56.7	48.0	
83 DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS-GT	SOUTH	1989	56.7	48.0	
84 DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS-GT	SOUTH	19			

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
118 FORNEY ENERGY CENTER STG 20		FRNYPP_ST20	KAUFMAN	GAS-CC	NORTH	2003	422.0	406.0	
119 FREESTONE ENERGY CENTER CTG 1		FREC_GT1	FREESTONE	GAS-CC	NORTH	2002	179.4	147.0	
120 FREESTONE ENERGY CENTER CTG 2		FREC_GT2	FREESTONE	GAS-CC	NORTH	2002	179.4	147.0	
121 FREESTONE ENERGY CENTER CTG 4		FREC_GT4	FREESTONE	GAS-CC	NORTH	2002	179.4	145.0	
122 FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS-CC	NORTH	2002	179.4	145.0	
123 FREESTONE ENERGY CENTER STG 3		FREC_ST3	FREESTONE	GAS-CC	NORTH	2002	190.7	169.0	
124 FREESTONE ENERGY CENTER STG 6		FREC_ST6	FREESTONE	GAS-CC	NORTH	2002	190.7	168.0	
125 FRIENDSWOOD G CTG 1 (FORMERLY TEJAS POWER GENERATION)		FEFGC_UNIT1	HARRIS	GAS-GT	HOUSTON	2018	129.0	119.0	
126 GRAHAM STG 1		GRSES_UNIT1	YOUNG	GAS-ST	WEST	1960	225.0	239.0	
127 GRAHAM STG 2		GRSES_UNIT2	YOUNG	GAS-ST	WEST	1969	387.0	390.0	
128 GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS-GT	HOUSTON	1976	72.0	56.0	
129 GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS-GT	HOUSTON	1976	72.0	56.0	
130 GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS-GT	HOUSTON	1976	72.0	56.0	
131 GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS-GT	HOUSTON	1976	72.0	50.0	
132 GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS-GT	HOUSTON	1976	72.0	56.0	
133 GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS-GT	HOUSTON	1976	72.0	56.0	
134 GREENVILLE IC ENGINE PLANT IC 1		STEAM_ENGINE_1	HUNT	GAS-IC	NORTH	2010	8.4	8.2	
135 GREENVILLE IC ENGINE PLANT IC 2		STEAM_ENGINE_2	HUNT	GAS-IC	NORTH	2010	8.4	8.2	
136 GREENVILLE IC ENGINE PLANT IC 3		STEAM_ENGINE_3	HUNT	GAS-IC	NORTH	2010	8.4	8.2	
137 GREGORY POWER PARTNERS GT1		LGE_LGE_GT1	SAN PATRICIO	GAS-CC	COASTAL	2000	185.0	145.0	
138 GREGORY POWER PARTNERS GT2		LGE_LGE_GT2	SAN PATRICIO	GAS-CC	COASTAL	2000	185.0	145.0	
139 GREGORY POWER PARTNERS STG		LGE_LGE_STG	SAN PATRICIO	GAS-CC	COASTAL	2000	100.0	75.0	
140 GUADALUPE ENERGY CENTER CTG 1		GUADG_GAS1	GUADALUPE	GAS-CC	SOUTH	2000	181.0	143.0	
141 GUADALUPE ENERGY CENTER CTG 2		GUADG_GAS2	GUADALUPE	GAS-CC	SOUTH	2000	181.0	143.0	
142 GUADALUPE ENERGY CENTER CTG 3		GUADG_GAS3	GUADALUPE	GAS-CC	SOUTH	2000	181.0	141.0	
143 GUADALUPE ENERGY CENTER CTG 4		GUADG_GAS4	GUADALUPE	GAS-CC	SOUTH	2000	181.0	141.0	
144 GUADALUPE ENERGY CENTER STG 5		GUADG_STM5	GUADALUPE	GAS-CC	SOUTH	2000	204.0	198.0	
145 GUADALUPE ENERGY CENTER STG 6		GUADG_STM6	GUADALUPE	GAS-CC	SOUTH	2000	204.0	198.0	
146 HANDLEY STG 3		HLSES_UNIT3	TARRANT	GAS-ST	NORTH	1963	395.0	375.0	
147 HANDLEY STG 4		HLSES_UNIT4	TARRANT	GAS-ST	NORTH	1976	435.0	435.0	
148 HANDLEY STG 5		HLSES_UNIT5	TARRANT	GAS-ST	NORTH	1977	435.0	435.0	
149 HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS-CC	SOUTH	2002	242.0	210.0	
150 HAYS ENERGY FACILITY CSG 2	21INR0527	HAYSEN_HAYSENG2	HAYS	GAS-CC	SOUTH	2002	242.0	211.0	
151 HAYS ENERGY FACILITY CSG 3	21INR0527	HAYSEN_HAYSENG3	HAYS	GAS-CC	SOUTH	2002	252.0	210.0	
152 HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS-CC	SOUTH	2002	252.0	213.0	
153 HIDALGO ENERGY CENTER CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS-CC	SOUTH	2000	176.6	149.0	
154 HIDALGO ENERGY CENTER CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS-CC	SOUTH	2000	176.6	149.0	
155 HIDALGO ENERGY CENTER STG 1		DUKE_DUKE_ST1	HIDALGO	GAS-CC	SOUTH	2000	198.1	168.0	
156 JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS-CC	NORTH	2006	198.9	150.0	
157 JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS-CC	NORTH	2006	198.9	150.0	
158 JACK COUNTY GEN FACILITY CTG 3		JCKCNTRY2_CT3	JACK	GAS-CC	NORTH	2011	198.9	158.0	
159 JACK COUNTY GEN FACILITY CTG 4		JCKCNTRY2_CT4	JACK	GAS-CC	NORTH	2011	198.9	158.0	
160 JACK COUNTY GEN FACILITY STG 1		JACKCNTY_STG	JACK	GAS-CC	NORTH	2006	320.6	289.0	
161 JACK COUNTY GEN FACILITY STG 2		JCKCNTRY2_ST2	JACK	GAS-CC	NORTH	2011	320.6	295.0	
162 JOHNSON COUNTY GEN FACILITY CTG 1		TEN_C1	JOHNSON	GAS-CC	NORTH	1997	185.0	163.0	
163 JOHNSON COUNTY GEN FACILITY STG 1		TEN_STG	JOHNSON	GAS-CC	NORTH	1997	107.0	106.0	
164 LAKE HUBBARD STG 1		LHSES_UNIT1	DALLAS	GAS-ST	NORTH	1970	397.0	392.0	
165 LAKE HUBBARD STG 2		LHSES_UNIT2A	DALLAS	GAS-ST	NORTH	1973	531.0	523.0	
166 LAMAR ENERGY CENTER CTG 11		LPCCS_CT11	LAMAR	GAS-CC	NORTH	2000	186.0	153.0	
167 LAMAR ENERGY CENTER CTG 12		LPCCS_CT12	LAMAR	GAS-CC	NORTH	2000	186.0	145.0	
168 LAMAR ENERGY CENTER CTG 21		LPCCS_CT21	LAMAR	GAS-CC	NORTH	2000	186.0	145.0	
169 LAMAR ENERGY CENTER CTG 22		LPCCS_CT22	LAMAR	GAS-CC	NORTH	2000	186.0	153.0	
170 LAMAR ENERGY CENTER STG 1	23INR0486	LPCCS_UNIT1	LAMAR	GAS-CC	NORTH	2000	216.0	204.0	
171 LAMAR ENERGY CENTER STG 2		LPCCS_UNIT2	LAMAR	GAS-CC	NORTH	2000	216.0	204.0	
172 LAREDO CTG 4		LARDVFTN_G4	WEBB	GAS-GT	SOUTH	2008	98.5	90.1	
173 LAREDO CTG 5		LARDVFTN_G5	WEBB	GAS-GT	SOUTH	2008	98.5	87.3	
174 LEON CREEK PEAKER CTG 1		LEON_CRK_LCPCT1	BEXAR	GAS-GT	SOUTH	2004	48.0	46.0	
175 LEON CREEK PEAKER CTG 2		LEON_CRK_LCPCT2	BEXAR	GAS-GT	SOUTH	2004	48.0	46.0	
176 LEON CREEK PEAKER CTG 3		LEON_CRK_LCPCT3	BEXAR	GAS-GT	SOUTH	2004	48.0	46.0	
177 LEON CREEK PEAKER CTG 4		LEON_CRK_LCPCT4	BEXAR	GAS-GT	SOUTH	2004	48.0	46.0	
178 LIGNIN (CHAMON 2) U1		LIG_UNIT1	HARRIS	GAS-GT	HOUSTON	2022	60.5	41.5	
179 LIGNIN (CHAMON 2) U2		LIG_UNIT2	HARRIS	GAS-GT	HOUSTON	2022	60.5	41.5	
180 LOST PINES POWER CTG 1		LOSTPI_LOSTPGT1	BASTROP	GAS-CC	SOUTH	2001	202.5	170.0	
181 LOST PINES POWER CTG 2		LOSTPI_LOSTPGT2	BASTROP	GAS-CC	SOUTH	2001	202.5	170.0	
182 LOST PINES POWER STG 1		LOSTPI_LOSTPST1	BASTROP	GAS-CC	SOUTH	2001	204.0	188.0	
183 MAGIC VALLEY STATION CTG 1		NEDIN_NEDIN_G1	HIDALGO	GAS-CC	SOUTH	2001	266.9	215.0	
184 MAGIC VALLEY STATION CTG 2		NEDIN_NEDIN_G2	HIDALGO	GAS-CC	SOUTH	2001	266.9	215.0	
185 MAGIC VALLEY STATION STG 3		NEDIN_NEDIN_G3	HIDALGO	GAS-CC	SOUTH	2001	258.4	236.0	
186 MIDLOTHIAN ENERGY FACILITY CTG 1	23INR0489	MDANP_CT1	ELLIS	GAS-CC	NORTH	2001	247.0	229.0	
187 MIDLOTHIAN ENERGY FACILITY CTG 2	21INR0534	MDANP_CT2	ELLIS	GAS-CC	NORTH	2001	247.0	227.0	
188 MIDLOTHIAN ENERGY FACILITY CTG 3	22INR0543	MDANP_CT3	ELLIS	GAS-CC	NORTH	2001	247.0	227.0	
189 MIDLOTHIAN ENERGY FACILITY CTG 4	22INR0523	MDANP_CT4	ELLIS	GAS-CC	NORTH	2001	247.0	227.0	
190 MIDLOTHIAN ENERGY FACILITY CTG 5		MDANP_CT5	ELLIS	GAS-CC	NORTH	2002	260.0	241.0	
191 MIDLOTHIAN ENERGY FACILITY CTG 6		MDANP_CT6	ELLIS	GAS-CC	NORTH	2002	260.0	243.0	
192 MORGAN CREEK CTG 1		MGSSES_CT1	MITCHELL	GAS-GT	WEST	1988	89.4	66.0	
193 MORGAN CREEK CTG 2		MGSSES_CT2	MITCHELL	GAS-GT	WEST	1988	89.4	65.0	
194 MORGAN CREEK CTG 3		MGSSES_CT3	MITCHELL	GAS-GT	WEST	1988	89.4	65.0	
195 MORGAN CREEK CTG 4		MGSSES_CT4	MITCHELL	GAS-GT	WEST	1988	89.4	67.0	
196 MORGAN CREEK CTG 5		MGSSES_CT5	MITCHELL	GAS-GT	WEST	1988	89.4	67.0	
197 MORGAN CREEK CTG 6		MGSSES_CT6	MITCHELL	GAS-GT	WEST	1988	89.4	67.0	
198 MOUNTAIN CREEK STG 6		MCSSES_UNIT6	DALLAS	GAS-ST	NORTH	1956	122.0	1	

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
235 PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS-GT	WEST	1990	89.4	64.0	
236 PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS-GT	WEST	1990	89.4	65.0	
237 PROENERGY SOUTH 1 (PES1) CTG 1		PRO_UNIT1	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
238 PROENERGY SOUTH 1 (PES1) CTG 2		PRO_UNIT2	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
239 PROENERGY SOUTH 1 (PES1) CTG 3		PRO_UNIT3	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
240 PROENERGY SOUTH 1 (PES1) CTG 4		PRO_UNIT4	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
241 PROENERGY SOUTH 1 (PES1) CTG 5		PRO_UNIT5	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
242 PROENERGY SOUTH 1 (PES1) CTG 6		PRO_UNIT6	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
243 PROENERGY SOUTH 2 (PES2) CTG 7		PRO_UNIT7	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
244 PROENERGY SOUTH 2 (PES2) CTG 8		PRO_UNIT8	HARRIS	GAS-GT	HOUSTON	2021	60.5	44.5	
245 PHR PEAKERS (BAC) CTG 1		BAC_CTG1	GALVESTON	GAS-GT	HOUSTON	2018	65.0	59.0	
246 PHR PEAKERS (BAC) CTG 2		BAC_CTG2	GALVESTON	GAS-GT	HOUSTON	2018	65.0	61.0	
247 PHR PEAKERS (BAC) CTG 3		BAC_CTG3	GALVESTON	GAS-GT	HOUSTON	2018	65.0	49.0	
248 PHR PEAKERS (BAC) CTG 4		BAC_CTG4	GALVESTON	GAS-GT	HOUSTON	2018	65.0	54.0	
249 PHR PEAKERS (BAC) CTG 5		BAC_CTG5	GALVESTON	GAS-GT	HOUSTON	2018	65.0	54.0	
250 PHR PEAKERS (BAC) CTG 6		BAC_CTG6	GALVESTON	GAS-GT	HOUSTON	2018	65.0	52.0	
251 POWERLANE PLANT STG 2		STEAM_STEAM_2	HUNT	GAS-ST	NORTH	1967	25.0	21.5	
252 POWERLANE PLANT STG 3		STEAM_STEAM_3	HUNT	GAS-ST	NORTH	1978	43.2	36.0	
253 QUAIL RUN ENERGY CTG 1		QALSW_GT1	ECTOR	GAS-CC	WEST	2007	90.6	74.0	
254 QUAIL RUN ENERGY CTG 2		QALSW_GT2	ECTOR	GAS-CC	WEST	2007	90.6	74.0	
255 QUAIL RUN ENERGY CTG 3		QALSW_GT3	ECTOR	GAS-CC	WEST	2008	90.6	72.0	
256 QUAIL RUN ENERGY CTG 4		QALSW_GT4	ECTOR	GAS-CC	WEST	2008	90.6	72.0	
257 QUAIL RUN ENERGY STG 1		QALSW_STG1	ECTOR	GAS-CC	WEST	2007	98.1	98.0	
258 QUAIL RUN ENERGY STG 2		QALSW_STG2	ECTOR	GAS-CC	WEST	2008	98.1	98.0	
259 R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS-GT	NORTH	1994	115.3	100.0	
260 R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS-GT	NORTH	1994	115.3	100.0	
261 R W MILLER STG 1		MIL_MILLERG1	PALO PINTO	GAS-ST	NORTH	1968	75.0	70.0	
262 R W MILLER STG 2		MIL_MILLERG2	PALO PINTO	GAS-ST	NORTH	1972	113.6	118.0	
263 R W MILLER STG 3		MIL_MILLERG3	PALO PINTO	GAS-ST	NORTH	1975	216.0	208.0	
264 RAY OLINGER CTG 4		OLINGER_OLING_4	COLLIN	GAS-GT	NORTH	2001	88.4	80.0	
265 RAY OLINGER STG 2		OLINGER_OLING_2	COLLIN	GAS-ST	NORTH	1971	113.6	107.0	
266 RAY OLINGER STG 3		OLINGER_OLING_3	COLLIN	GAS-ST	NORTH	1975	156.6	146.0	
267 RABBS POWER STATION U1		RAB_UNIT1	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
268 RABBS POWER STATION U2		RAB_UNIT2	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
269 RABBS POWER STATION U3		RAB_UNIT3	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
270 RABBS POWER STATION U4		RAB_UNIT4	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
271 RABBS POWER STATION U5		RAB_UNIT5	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
272 RABBS POWER STATION U6		RAB_UNIT6	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
273 RABBS POWER STATION U7		RAB_UNIT7	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
274 RABBS POWER STATION U8		RAB_UNIT8	FORT BEND	GAS-GT	HOUSTON	2022	60.5	44.6	
275 REDGATE IC A		REDGATE_AGR_A	HIDALGO	GAS-IC	SOUTH	2016	56.3	56.3	
276 REDGATE IC B		REDGATE_AGR_B	HIDALGO	GAS-IC	SOUTH	2016	56.3	56.3	
277 REDGATE IC C		REDGATE_AGR_C	HIDALGO	GAS-IC	SOUTH	2016	56.3	56.3	
278 REDGATE IC D		REDGATE_AGR_D	HIDALGO	GAS-IC	SOUTH	2016	56.3	56.3	
279 RIO NOGALES POWER CTG 1		RIONOG_CT1	GUADALUPE	GAS-CC	SOUTH	2002	188.7	165.5	
280 RIO NOGALES POWER CTG 2		RIONOG_CT2	GUADALUPE	GAS-CC	SOUTH	2002	188.7	158.0	
281 RIO NOGALES POWER CTG 3		RIONOG_CT3	GUADALUPE	GAS-CC	SOUTH	2002	188.7	158.0	
282 RIO NOGALES POWER STG 4		RIONOG_ST1	GUADALUPE	GAS-CC	SOUTH	2002	373.2	303.0	
283 SAM RAYBURN POWER CTG 7		RAYBURN_RAYBURG7	VICTORIA	GAS-CC	SOUTH	2003	60.5	50.0	
284 SAM RAYBURN POWER CTG 8		RAYBURN_RAYBURG8	VICTORIA	GAS-CC	SOUTH	2003	60.5	50.0	
285 SAM RAYBURN POWER CTG 9		RAYBURN_RAYBURG9	VICTORIA	GAS-CC	SOUTH	2003	60.5	50.0	
286 SAM RAYBURN POWER STG 10		RAYBURN_RAYBURG10	VICTORIA	GAS-CC	SOUTH	2003	42.0	40.0	
287 SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS-GT	HOUSTON	1995	88.2	80.0	
288 SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS-GT	HOUSTON	1995	88.2	80.0	
289 SANDHILL ENERGY CENTER CTG 1		SANDHSYD_SH1	TRAVIS	GAS-GT	SOUTH	2001	60.5	47.0	
290 SANDHILL ENERGY CENTER CTG 2		SANDHSYD_SH2	TRAVIS	GAS-GT	SOUTH	2001	60.5	47.0	
291 SANDHILL ENERGY CENTER CTG 3		SANDHSYD_SH3	TRAVIS	GAS-GT	SOUTH	2001	60.5	47.0	
292 SANDHILL ENERGY CENTER CTG 4		SANDHSYD_SH4	TRAVIS	GAS-GT	SOUTH	2001	60.5	47.0	
293 SANDHILL ENERGY CENTER CTG 5A		SANDHSYD_SH_5A	TRAVIS	GAS-CC	SOUTH	2004	198.9	142.0	
294 SANDHILL ENERGY CENTER CTG 6		SANDHSYD_SH6	TRAVIS	GAS-GT	SOUTH	2010	60.5	47.0	
295 SANDHILL ENERGY CENTER CTG 7		SANDHSYD_SH7	TRAVIS	GAS-GT	SOUTH	2010	60.5	47.0	
296 SANDHILL ENERGY CENTER STG 5C		SANDHSYD_SH_5C	TRAVIS	GAS-CC	SOUTH	2004	191.0	139.0	
297 SILAS RAY CTG 10		SILASRAY_SILOS_10	CAMERON	GAS-GT	COASTAL	2004	60.5	46.0	
298 SILAS RAY POWER CTG 9		SILASRAY_SILOS_9	CAMERON	GAS-CC	COASTAL	1996	50.0	38.0	
299 SILAS RAY POWER STG 6		SILASRAY_SILOS_6	CAMERON	GAS-CC	COASTAL	1962	25.0	20.0	
300 SIM GIDEON STG 1		GIDEON_GIDEONG1	BASTROP	GAS-ST	SOUTH	1965	136.0	130.0	
301 SIM GIDEON STG 2		GIDEON_GIDEONG2	BASTROP	GAS-ST	SOUTH	1968	136.0	135.0	
302 SIM GIDEON STG 3		GIDEON_GIDEONG3	BASTROP	GAS-ST	SOUTH	1972	351.0	336.0	
303 SKY GLOBAL POWER ONE IC A		SKY1_SKY1A	COLORADO	GAS-IC	SOUTH	2016	25.7	26.7	
304 SKY GLOBAL POWER ONE IC B		SKY1_SKY1B	COLORADO	GAS-IC	SOUTH	2016	25.7	26.7	
305 STRYKER CREEK STG 1		SCSES_UNIT1A	CHEROKEE	GAS-ST	NORTH	1958	177.0	167.0	
306 STRYKER CREEK STG 2		SCSES_UNIT2	CHEROKEE	GAS-ST	NORTH	1965	479.0	502.0	
307 T H WHARTON CTG 1		THW_THWGT_1	HARRIS	GAS-GT	HOUSTON	1967	16.3	14.0	
308 T H WHARTON POWER CTG 31		THW_THWGT31	HARRIS	GAS-GT	HOUSTON	1972	51.3	54.0	
309 T H WHARTON POWER CTG 32		THW_THWGT32	HARRIS	GAS-GC	HOUSTON	1972	51.3	54.0	
310 T H WHARTON POWER CTG 33		THW_THWGT33	HARRIS	GAS-GC	HOUSTON	1972	51.3	54.0	
311 T H WHARTON POWER CTG 34		THW_THWGT34	HARRIS	GAS-GC	HOUSTON	1972	51.3	54.0	
312 T H WHARTON POWER CTG 41		THW_THWGT41	HARRIS	GAS-GC	HOUSTON	1972	51.3	54.0	
313 T H WHARTON POWER CTG 42		THW_THWGT42	HARRIS	GAS-GC	HOUSTON	1972	51.3	54.0	
314 T H WHARTON POWER CTG 43		THW_THWGT43	HARRIS	GAS-GC	HOUSTON	1974	62.0	54.0	
315 T H WHARTON POWER CTG 44		THW_THWGT44	HARRIS	GAS-CC	HOUSTON	1974	62.0	54.0	
316 T H WHARTON POWER CTG 51		THW_THWGT51	HARRIS	GAS-GT	HOUST				

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
352 VICTORIA POWER STG 5		VICTORIA_VICTORG5	VICTORIA	GAS-CC	SOUTH	2009	180.2	125.0	
353 W A PARISH CTG 1		WAP_WAPGT_1	FORT BEND	GAS-GT	HOUSTON	1967	16.3	13.0	
354 W A PARISH STG 1		WAP_WAP_G1	FORT BEND	GAS-ST	HOUSTON	1958	187.9	169.0	
355 W A PARISH STG 2		WAP_WAP_G2	FORT BEND	GAS-ST	HOUSTON	1958	187.9	169.0	
356 W A PARISH STG 3		WAP_WAP_G3	FORT BEND	GAS-ST	HOUSTON	1961	299.2	240.0	
357 W A PARISH STG 4		WAP_WAP_G4	FORT BEND	GAS-ST	HOUSTON	1968	580.5	527.0	
358 WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS-CC	WEST	1987	20.0	20.0	
359 WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS-CC	WEST	1987	20.0	20.0	
360 WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS-CC	WEST	1987	20.0	20.0	
361 WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS-CC	WEST	1987	20.0	17.0	
362 WINCHESTER POWER PARK CTG 1		WIPOPA_WPP_G1	FAYETTE	GAS-GT	SOUTH	2009	60.5	44.0	
363 WINCHESTER POWER PARK CTG 2		WIPOPA_WPP_G2	FAYETTE	GAS-GT	SOUTH	2009	60.5	44.0	
364 WINCHESTER POWER PARK CTG 3		WIPOPA_WPP_G3	FAYETTE	GAS-GT	SOUTH	2009	60.5	44.0	
365 WINCHESTER POWER PARK CTG 4		WIPOPA_WPP_G4	FAYETTE	GAS-GT	SOUTH	2009	60.5	44.0	
366 WISE-TRACTEBEL POWER CTG 1	20INR0286	WCPP_CT1	WISE	GAS-CC	NORTH	2004	275.0	241.4	
367 WISE-TRACTEBEL POWER CTG 2	20INR0286	WCPP_CT2	WISE	GAS-CC	NORTH	2004	275.0	241.4	
368 WISE-TRACTEBEL POWER STG 1	20INR0286	WCPP_ST1	WISE	GAS-CC	NORTH	2004	290.0	298.0	
369 WOLF HOLLOW POWER CTG 1		WHCCS_CT1	HOOD	GAS-CC	NORTH	2002	264.5	238.5	
370 WOLF HOLLOW POWER CTG 2		WHCCS_CT2	HOOD	GAS-CC	NORTH	2002	264.5	230.5	
371 WOLF HOLLOW POWER STG		WHCCS_STG	HOOD	GAS-CC	NORTH	2002	300.0	268.0	
372 WOLF HOLLOW 2 CTG 4		WHCCS2_CT4	HOOD	GAS-CC	NORTH	2017	360.0	327.8	
373 WOLF HOLLOW 2 CTG 5		WHCCS2_CT5	HOOD	GAS-CC	NORTH	2017	360.0	329.3	
374 WOLF HOLLOW 2 STG 6		WHCCS2_STG6	HOOD	GAS-CC	NORTH	2017	511.2	458.3	
375 NACOGDOCHES POWER		NACPW_UNIT1	NACOGDOCHES	BIOGASS	NORTH	2012	116.5	105.0	
376 BIOENERGY AUSTIN-WALZEM RD LGF		DG_WALZE_4UNITS	BEXAR	BIOGASS	SOUTH	2002	9.8	9.8	
377 BIOENERGY TEXAS-COVLE GARDENS LGF		DG_MEDIN_1UNIT	BEXAR	BIOGASS	SOUTH	2005	9.6	9.6	
378 FARMERS BRANCH LANDFILL GAS TO ENERGY		DG_HBR_2UNITS	DENTON	BIOGASS	NORTH	2011	3.2	3.2	
379 GRAND PRAIRIE LGF		DG_TRIRA_1UNIT	DALLAS	BIOGASS	NORTH	2015	4.0	4.0	
380 NELSON GARDENS LGF		DG_78252_4UNITS	BEXAR	BIOGASS	SOUTH	2013	4.2	4.2	
381 WM RENEWABLE-AUSTIN LGF		DG_SPRIN_4UNITS	TRAVIS	BIOGASS	SOUTH	2007	6.4	6.4	
382 WM RENEWABLE-BIOENERGY PARTNERS LGF		DG_BIOE_2UNITS	DENTON	BIOGASS	NORTH	1988	6.2	6.2	
383 WM RENEWABLE-DFW GAS RECOVERY LGF		DG_BIO2_4UNITS	DENTON	BIOGASS	NORTH	2009	6.4	6.4	
384 WM RENEWABLE-MESQUITE CREEK LGF		DG_FREIH_2UNITS	COMAL	BIOGASS	SOUTH	2011	3.2	3.2	
385 WM RENEWABLE-WESTSIDE LGF		DG_WSTHL_3UNITS	PARKER	BIOGASS	NORTH	2010	4.8	4.8	
386 Operational Capacity Total (Nuclear, Coal, Gas, Biomass)							72,744.8	64,709.9	
387									
388 Operational Resources - Synchronized but not Approved for Commercial Operations (Thermal)									
389 BRANDON (LP&L) (DGR)	21INR0201	BRANDON_UNIT1	LUBBOCK	GAS-GT	PANHANDLE	2021	25.0	20.0	
390 BROTMAN POWER STATION U3	23INR0095	BTM_UNIT3	BRAZORIA	GAS-GT	COASTAL	2023	60.5	44.6	
391 BROTMAN POWER STATION U4	23INR0095	BTM_UNIT4	BRAZORIA	GAS-GT	COASTAL	2023	60.5	44.6	
392 BROTMAN POWER STATION U5	23INR0095	BTM_UNIT5	BRAZORIA	GAS-GT	COASTAL	2023	60.5	44.6	
393 BROTMAN POWER STATION U6	23INR0095	BTM_UNIT6	BRAZORIA	GAS-GT	COASTAL	2023	60.5	44.6	
394 COLORADO BEND ENERGY CENTER CTG 11	21INR0512	CBEC_GT11	WHAERTON	GAS-GT	HOUSTON	2023	41.7	39.0	
395 COLORADO BEND ENERGY CENTER CTG 12	21INR0512	CBEC_GT12	WHAERTON	GAS-GT	HOUSTON	2023	41.7	39.0	
396 R MASSENGALE CTG 1 (LP&L)	21INR0202	MASSENGL_G6	LUBBOCK	GAS-CC	PANHANDLE	2021	20.0	18.0	
397 R MASSENGALE CTG 2 (LP&L)	21INR0202	MASSENGL_G7	LUBBOCK	GAS-CC	PANHANDLE	2021	20.0	18.0	
398 R MASSENGALE STG (LP&L)	21INR0202	MASSENGL_G8	LUBBOCK	GAS-CC	PANHANDLE	2021	58.9	38.0	
399 TY COOKE CTG 1 (LP&L)	21INR0506	TY_COOKE_GT2	LUBBOCK	GAS-GT	PANHANDLE	2021	18.7	14.0	
400 TY COOKE CTG 2 (LP&L)	21INR0506	TY_COOKE_GT3	LUBBOCK	GAS-GT	PANHANDLE	2021	26.6	17.0	
401 Operational Capacity - Synchronized but not Approved for Commercial Operations Total (Nuclear, Coal, Gas, Biomass)							494.5	381.4	
402									
403 Operational Capacity Thermal Unavailable due to Extended Outage or Derate		THERMAL_UNAVAIL					-	-	
404 Operational Capacity Thermal Total		THERMAL_OPERATIONAL					73,239.3	65,091.3	
405									
406 Operational Resources (Hydro)									
407 AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	34.7	37.9	
408 AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	34.7	37.9	
409 AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	9.0	8.0	
410 AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0	9.0	
411 BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	18.3	16.0	
412 BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	18.3	16.0	
413 BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	18.3	17.0	
414 DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	50.8	49.5	
415 DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	50.8	49.5	
416 EAGLE PASS HYDRO		EAGLE_HY_EAGLE_HY1	MAVERICK	HYDRO	SOUTH	2005	9.6	9.6	
417 FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	10.5	12.0	
418 FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	10.5	12.0	
419 FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	10.5	12.0	
420 GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	27.0	29.0	
421 GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	27.0	29.0	
422 GUADALUPE BLANCO RIVER AUTH-CANYON		CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0	6.0	
423 INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	15.0	14.0	
424 MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	19.8	21.0	
425 MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	19.8	20.0	
426 MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0	36.0	
427 MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0	36.0	
428 MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	36.0	36.0	
429 WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	21.0	22.0	
430 WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	21.0	22.0	
431 Operational Capacity Total (Hydro)		HYDRO_CAP_CONT					549.6	557.4	
432 Hydro Capacity Contribution (Top 20 Hours)							549.6	468.0	
433									
434 Operational Hydro Resources, Settlement Only Distributed Generators (SODGs)									
435 ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4	1.4	
436 GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP</td									

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
469 ANTELOPE IC 1		AEEC_ANLTP_1_UNAVAIL_HALE	GAS-IC	PANHANDLE	2017	(56.0)	(54.0)		
470 ANTELOPE IC 2		AEEC_ANLTP_2_UNAVAIL_HALE	GAS-IC	PANHANDLE	2017	(56.0)	(54.0)		
471 ANTELOPE IC 3		AEEC_ANLTP_3_UNAVAIL_HALE	GAS-IC	PANHANDLE	2017	(56.0)	(54.0)		
472 ELK STATION CTG 1		AEEC_ELK_1_UNAVAIL_HALE	GAS-GT	PANHANDLE	2017	(202.0)	(190.0)		
473 ELK STATION CTG 2		AEEC_ELK_2_UNAVAIL_HALE	GAS-GT	PANHANDLE	2017	(202.0)	(190.0)		
474 Switchable Capacity Unavailable to ERCOT Total						(572.0)	(542.0)		
475		MOTH_AVAIL				712.8	703.5		
476 Available Mothball Capacity based on Owner's Return Probability									
477		PUN_CAP_CONT				9,575.0	2,940.0		
478 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_ADJUST					(71.0)		
480									
481 Operational Resources (Wind)									
482 WESTERN TRAIL WIND (AJAX WIND) U1		AJAXWIND_UNIT1	WILBARGER	WIND-O	WEST	2022	225.6	225.6	
483 WESTERN TRAIL WIND (AJAX WIND) U2		AJAXWIND_UNIT2	WILBARGER	WIND-O	WEST	2022	141.0	141.0	
484 AMADEUS WIND 1 U1		AMADEUS1_UNIT1	FISHER	WIND-O	WEST	2021	36.7	36.7	
485 AMADEUS WIND 1 U2		AMADEUS1_UNIT2	FISHER	WIND-O	WEST	2021	35.8	35.8	
486 AMADEUS WIND 2 U1		AMADEUS2_UNIT3	FISHER	WIND-O	WEST	2021	177.7	177.7	
487 ANACACHO WIND		ANACACHO_ANA	KINNEY	WIND-O	SOUTH	2012	99.8	99.8	
488 AQUILLA LAKE WIND U1		AQUILLA_U1_23	HILL & LIMESTONE	WIND-O	NORTH	2023	13.9	13.9	
489 AQUILLA LAKE WIND U2		AQUILLA_U1_28	HILL & LIMESTONE	WIND-O	NORTH	2023	135.4	135.4	
490 AQUILLA LAKE 2 WIND U1		AQUILLA_U2_23	HILL & LIMESTONE	WIND-O	NORTH	2023	7.0	7.0	
491 AQUILLA LAKE 2 WIND U2		AQUILLA_U2_28	HILL & LIMESTONE	WIND-O	NORTH	2023	143.8	143.8	
492 AVIATOR WIND U1		AVIATOR_UNIT1	COKE	WIND-O	WEST	2021	180.1	180.1	
493 AVIATOR WIND U2		AVIATOR_UNIT2	COKE	WIND-O	WEST	2021	145.6	145.6	
494 AVIATOR WIND U3		DEWOLF_UNIT1	COKE	WIND-O	WEST	2021	199.3	199.3	
495 BAFFIN WIND UNIT1		BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0	100.0	
496 BAFFIN WIND UNIT2		BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0	102.0	
497 BARROW RANCH (JUMBO HILL WIND) 1		BARROW_UNIT1	ANDREWS	WIND-O	WEST	2021	90.2	90.2	
498 BARROW RANCH (JUMBO HILL WIND) 2		BARROW_UNIT2	ANDREWS	WIND-O	WEST	2021	70.5	70.5	
499 BARTON CHAPEL WIND		BRTSW_BCW1	JACK	WIND-O	NORTH	2007	120.0	120.0	
500 BLUE SUMMIT WIND 1 A	22INR0550	BLSUMMIT_BLSMT1_5	WILBARGER	WIND-O	WEST	2013	132.8	132.8	
501 BLUE SUMMIT WIND 1 B	22INR0550	BLSUMMIT_BLSMT1_6	WILBARGER	WIND-O	WEST	2013	7.0	6.9	
502 BLUE SUMMIT WIND 2 A		BLSUMMIT_UNIT2_25	WILBARGER	WIND-O	WEST	2020	92.5	6.9	
503 BLUE SUMMIT WIND 2 B		BLSUMMIT_UNIT2_17	WILBARGER	WIND-O	WEST	2020	6.9	92.5	
504 BLUE SUMMIT WIND 3 A		BLSUMIT3_UNIT_17	WILBARGER	WIND-O	WEST	2020	13.7	13.4	
505 BLUE SUMMIT WIND 3 B		BLSUMIT3_UNIT_25	WILBARGER	WIND-O	WEST	2020	186.5	182.4	
506 BOBCAT BLUFF WIND		BCATWIND_WIND_1	ARCHER	WIND-O	WEST	2020	162.0	162.0	
507 BRISCOE WIND		BRISCOE_WIND	BRISCOE	WIND-P	PANHANDLE	2015	149.9	149.8	
508 BRUENNINGS BREEZE A		BBREEZE_UNIT1	WILLACY	WIND-C	COASTAL	2017	120.0	120.0	
509 BRUENNINGS BREEZE B		BBREEZE_UNIT2	WILLACY	WIND-C	COASTAL	2017	108.0	108.0	
510 BUCKTHORN WIND 1 A		BUCKTHRN_UNIT1	ERATH	WIND-O	NORTH	2017	44.9	44.9	
511 BUCKTHORN WIND 1 B		BUCKTHRN_UNIT2	ERATH	WIND-O	NORTH	2017	55.7	55.7	
512 BUFFALO GAP WIND 1		BUFF_GAP_UNIT1	TAYLOR	WIND-O	WEST	2006	120.6	120.6	
513 BUFFALO GAP WIND 2_1		BUFF_GAP_UNIT2_1	TAYLOR	WIND-O	WEST	2007	115.5	115.5	
514 BUFFALO GAP WIND 2_2		BUFF_GAP_UNIT2_2	TAYLOR	WIND-O	WEST	2007	117.0	117.0	
515 BUFFALO GAP WIND 3		BUFF_GAP_UNIT3	TAYLOR	WIND-O	WEST	2008	170.2	170.2	
516 BULL CREEK WIND U1		BULLCRK_WND1	BORDEN	WIND-O	WEST	2009	89.0	88.0	
517 BULL CREEK WIND U2		BULLCRK_WND2	BORDEN	WIND-O	WEST	2009	91.0	90.0	
518 CABEZON WIND (RIO BRAVO I WIND) 1 A		CABEZON_WIND1	STARR	WIND-O	SOUTH	2019	115.2	115.2	
519 CABEZON WIND (RIO BRAVO I WIND) 1 B		CABEZON_WIND2	STARR	WIND-O	SOUTH	2019	122.4	122.4	
520 CACTUS FLATS WIND U1		CFLATS_U1	CONCHO	WIND-O	WEST	2022	148.4	148.4	
521 CALLAHAN WIND		CALLAHAN_WND1	CALLAHAN	WIND-O	WEST	2004	123.1	123.1	
522 CAMERON COUNTY WIND		CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0	165.0	
523 CAMP SPRINGS WIND 1		CSEC_CSEC1	SCURRY	WIND-O	WEST	2007	134.4	130.5	
524 CAMP SPRINGS WIND 2		CSEC_CSEC2	SCURRY	WIND-O	WEST	2007	123.6	120.0	
525 CANADIAN BREAKS WIND		CN_BRKS_UNIT_1	OLDHAM	WIND-P	PANHANDLE	2019	210.1	210.1	
526 CAPRICORN RIDGE WIND 1	17INR0054	CAPRIDGE_CR1	STERLING	WIND-O	WEST	2007	231.7	231.7	
527 CAPRICORN RIDGE WIND 2	17INR0054	CAPRIDGE_CR2	STERLING	WIND-O	WEST	2007	149.5	149.5	
528 CAPRICORN RIDGE WIND 3	17INR0054	CAPRIDGE_CR3	STERLING	WIND-O	WEST	2008	200.9	200.9	
529 CAPRICORN RIDGE WIND 4	17INR0061	CAPRIDG4_CR4	STERLING	WIND-O	WEST	2008	121.5	121.5	
530 CEDRO HILL WIND 1		CEDROHIL_CHW1	WEBB	WIND-O	SOUTH	2010	75.0	75.0	
531 CEDRO HILL WIND 2		CEDROHIL_CHW2	WEBB	WIND-O	SOUTH	2010	75.0	75.0	
532 CHALUPA WIND		CHALUPA_UNIT1	CAMERON	WIND-C	COASTAL	2021	173.3	173.3	
533 CHAMPION WIND		CHAMPION_UNIT1	NOLAN	WIND-O	WEST	2008	126.5	126.5	
534 CHAPMAN RANCH WIND IA (SANTA CRUZ)		SANTACRU_UNIT1	NUECES	WIND-C	COASTAL	2017	150.6	150.6	
535 CHAPMAN RANCH WIND IB (SANTA CRUZ)		SANTACRU_UNIT2	NUECES	WIND-C	COASTAL	2017	98.4	98.4	
536 COTTON PLAINS WIND		COTPLNS_COTTONPL	FLOYD	WIND-P	PANHANDLE	2017	50.4	50.4	
537 CRANELL WIND		CRANELL_UNIT1	REFUGIO	WIND-C	COASTAL	2022	220.0	220.0	
538 DERMOTT WIND 1_1		DERMOTT_UNIT1	SCURRY	WIND-O	WEST	2017	126.5	126.5	
539 DERMOTT WIND 1_2		DERMOTT_UNIT2	SCURRY	WIND-O	WEST	2017	126.5	126.5	
540 DESERT SKY WIND 1 A	17INR0070	DSKYWND1_UNIT_1A	PECOS	WIND-O	WEST	2022	65.8	53.1	
541 DESERT SKY WIND 1 B	17INR0070	DSKYWND2_UNIT_2A	PECOS	WIND-O	WEST	2022	65.8	50.4	
542 DESERT SKY WIND 2 A	17INR0070	DSKYWND1_UNIT_1B	PECOS	WIND-O	WEST	2022	23.9	18.7	
543 DESERT SKY WIND 2 B	17INR0070	DSKYWND2_UNIT_2B	PECOS	WIND-O	WEST	2022	14.7	8.0	
544 DOUG COLBECK'S CORNER (CONWAY) A		GRANDVW1_COLA	CARSON	WIND-P	PANHANDLE	2016	100.2	100.2	
545 DOUG COLBECK'S CORNER (CONWAY) B		GRANDVW1_COLB	CARSON	WIND-P	PANHANDLE	2016	100.2	100.2	
546 EAST RAYMOND WIND (EL RAYO) U1		EL_RAYO_UNIT1	WILLACY	WIND-C	COASTAL	2021	101.2	98.0	
547 EAST RAYMOND WIND (EL RAYO) U2		EL_RAYO_UNIT2	WILLACY	WIND-C	COASTAL	2021	99.0	96.0	
548 ELBOW CREEK WIND		ELB_ELCREEK	HOWARD	WIND-O	WEST	2008	121.9	121.9	
549 ELECTRA WIND 1		DIGBY_UNIT1	WILBARGER	WIND-O	WEST	2017	101.3	98.9	
550 ELECTRA WIND 2		DIGBY_UNIT2	WILBARGER	WIND-O	WEST	2017	134.3	131.1	
551 EL ALGODON ALTO W U1		ALGODON_UNIT1	WILLACY	WIND-C	COASTAL	2022	171.6	171.6	
552 EL ALGODON ALTO									

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
586 HIGH LONESOME W 1B		HI_LONE_WGR1B	CROCKETT	WIND-O	WEST	2021	51.9	52.0	
587 HIGH LONESOME W 1C		HI_LONE_WGR1C	CROCKETT	WIND-O	WEST	2021	25.3	25.3	
588 HIGH LONESOME W 2		HI_LONE_WGR2	CROCKETT	WIND-O	WEST	2021	122.4	122.5	
589 HIGH LONESOME W 2A		HI_LONE_WGR2A	CROCKETT	WIND-O	WEST	2021	25.3	25.3	
590 HIGH LONESOME W 3		HI_LONE_WGR3	CROCKETT	WIND-O	WEST	2021	127.5	127.6	
591 HIGH LONESOME W 4		HI_LONE_WGR4	CROCKETT	WIND-O	WEST	2021	101.5	101.6	
592 HORSE CREEK WIND 1		HORSECRK_UNIT1	HASKELL	WIND-O	WEST	2017	134.8	131.1	
593 HORSE CREEK WIND 2		HORSECRK_UNIT2	HASKELL	WIND-O	WEST	2017	101.7	98.9	
594 HORSE HOLLOW WIND 1	17INR0052	HOLLOW_WND1	TAYLOR	WIND-O	WEST	2005	230.0	230.0	
595 HORSE HOLLOW WIND 2	17INR0053	HHOLLOW2_WND1	TAYLOR	WIND-O	WEST	2006	184.0	184.0	
596 HORSE HOLLOW WIND 3	17INR0053	HHOLLOW3_WND_1	TAYLOR	WIND-O	WEST	2006	241.4	241.4	
597 HORSE HOLLOW WIND 4	17INR0053	HHOLLOW4_WND1	TAYLOR	WIND-O	WEST	2006	115.0	115.0	
598 INADEAL WIND 1		INDL_INADEAL1	NOLAN	WIND-O	WEST	2008	95.0	95.0	
599 INADEAL WIND 2		INDL_INADEAL2	NOLAN	WIND-O	WEST	2008	102.0	102.0	
600 INDIAN MESA WIND	18INR0069	INDNNWP_INDNNWP2	PECOS	WIND-O	WEST	2001	91.8	91.8	
601 JAVELINA I WIND 18		BORDAS_JAVEL18	WEBB	WIND-O	SOUTH	2015	19.7	19.7	
602 JAVELINA I WIND 20		BORDAS_JAVEL20	WEBB	WIND-O	SOUTH	2015	230.0	230.0	
603 JAVELINA II WIND 1		BORDAS2_JAVEL2_A	WEBB	WIND-O	SOUTH	2017	96.0	96.0	
604 JAVELINA II WIND 2		BORDAS2_JAVEL2_B	WEBB	WIND-O	SOUTH	2017	74.0	74.0	
605 JAVELINA II WIND 3		BORDAS2_JAVEL2_C	WEBB	WIND-O	SOUTH	2017	30.0	30.0	
606 JUMBO ROAD WIND 1		HRFDWIND_JRDWIND1	DEAF SMITH	WIND-P	PANHANDLE	2015	146.2	146.2	
607 JUMBO ROAD WIND 2		HRFDWIND_JRDWIND2	DEAF SMITH	WIND-P	PANHANDLE	2015	153.6	153.6	
608 KARANKAWA WIND 1A		KARAKAW1_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	103.3	103.3	
609 KARANKAWA WIND 1B		KARAKAW1_UNIT2	SAN PATRICIO	WIND-C	COASTAL	2019	103.3	103.3	
610 KARANKAWA WIND 2		KARAKAW2_UNIT3	SAN PATRICIO	WIND-C	COASTAL	2019	100.4	100.4	
611 KEECHI WIND		KEECHI_U1	JACK	WIND-O	NORTH	2015	110.0	110.0	
612 KING MOUNTAIN WIND (NE)		KING_NE_KINGNE	UPTON	WIND-O	WEST	2001	79.7	79.7	
613 KING MOUNTAIN WIND (NW)		KING_NW_KINGNW	UPTON	WIND-O	WEST	2001	79.7	79.7	
614 KING MOUNTAIN WIND (SE)		KING_SE_KINGSE	UPTON	WIND-O	WEST	2001	40.5	40.5	
615 KING MOUNTAIN WIND (SW)		KING_SW_KINGSW	UPTON	WIND-O	WEST	2001	79.7	79.7	
616 LANGFORD WIND POWER		LGD_LANGFORD	TOM GREEN	WIND-O	WEST	2009	160.0	160.0	
617 LOCKETT WIND FARM		LOCKETT_UNIT1	WILBARGER	WIND-O	WEST	2019	183.7	183.7	
618 LOGANS GAP WIND I U1		LGW_UNIT1	COMANCHE	WIND-O	NORTH	2015	106.3	106.3	
619 LOGANS GAP WIND I U2		LGW_UNIT2	COMANCHE	WIND-O	NORTH	2015	103.9	103.8	
620 LONE STAR WIND 1 (MESQUITE)		LNCRK_G83	SHACKELFORD	WIND-O	WEST	2006	194.0	194.0	
621 LONE STAR WIND 2 (POST OAK) U1		LNCRK2_G871	SHACKELFORD	WIND-O	WEST	2007	98.0	98.0	
622 LONE STAR WIND 2 (POST OAK) U2		LNCRK2_G872	SHACKELFORD	WIND-O	WEST	2007	100.0	100.0	
623 LONGHORN WIND NORTH U1		LHORN_N_UNIT1	FLOYD	WIND-P	PANHANDLE	2015	100.0	100.0	
624 LONGHORN WIND NORTH U2		LHORN_N_UNIT2	FLOYD	WIND-P	PANHANDLE	2015	100.0	100.0	
625 LORAIN WINDPARK I		LONEWOLF_G1	MITCHELL	WIND-O	WEST	2010	48.0	48.0	
626 LORAIN WINDPARK II		LONEWOLF_G2	MITCHELL	WIND-O	WEST	2010	51.0	51.0	
627 LORAIN WINDPARK III		LONEWOLF_G3	MITCHELL	WIND-O	WEST	2011	25.5	25.5	
628 LORAIN WINDPARK IV		LONEWOLF_G4	MITCHELL	WIND-O	WEST	2011	24.0	24.0	
629 LOS VIENTOS III WIND		LV3_UNIT_1	STARR	WIND-O	SOUTH	2015	200.0	200.0	
630 LOS VIENTOS IV WIND		LV4_UNIT_1	STARR	WIND-O	SOUTH	2016	200.0	200.0	
631 LOS VIENTOS V WIND		LV5_UNIT_1	STARR	WIND-O	SOUTH	2016	110.0	110.0	
632 LOS VIENTOS WIND I		LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1	200.1	
633 LOS VIENTOS WIND II		LV2_LV2	WILLACY	WIND-C	COASTAL	2013	201.6	201.6	
634 MAGIC VALLEY WIND (REDFISH) 1A		REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8	99.8	
635 MAGIC VALLEY WIND (REDFISH) 1B		REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5	103.5	
636 MARIAH DEL NORTE 1		MARIAH_NORTE1	PARMER	WIND-P	PANHANDLE	2017	115.2	115.2	
637 MARIAH DEL NORTE 2		MARIAH_NORTE2	PARMER	WIND-P	PANHANDLE	2017	115.2	115.2	
638 MAVERICK CREEK WIND WEST U1		MAVCRK_W_UNIT1	CONCHO	WIND-O	WEST	2022	201.6	201.6	
639 MAVERICK CREEK WIND WEST U2		MAVCRK_W_UNIT2	CONCHO	WIND-O	WEST	2022	11.1	11.1	
640 MAVERICK CREEK WIND WEST U3		MAVCRK_W_UNIT3	CONCHO	WIND-O	WEST	2022	33.6	33.6	
641 MAVERICK CREEK WIND WEST U4		MAVCRK_W_UNIT4	CONCHO	WIND-O	WEST	2022	22.2	22.2	
642 MAVERICK CREEK WIND EAST U1		MAVCRK_E_UNIT5	CONCHO	WIND-O	WEST	2022	71.4	71.4	
643 MAVERICK CREEK WIND EAST U2		MAVCRK_E_UNIT6	CONCHO	WIND-O	WEST	2022	33.3	33.3	
644 MAVERICK CREEK WIND EAST U3		MAVCRK_E_UNIT7	CONCHO	WIND-O	WEST	2022	22.0	22.0	
645 MAVERICK CREEK WIND EAST U4		MAVCRK_E_UNIT8	CONCHO	WIND-O	WEST	2022	20.0	20.0	
646 MAVERICK CREEK WIND EAST U5		MAVCRK_E_UNIT9	CONCHO	WIND-O	WEST	2022	76.8	76.8	
647 MCADOO WIND		MWEC_G1	DICKENS	WIND-P	PANHANDLE	2008	150.0	150.0	
648 MESQUITE CREEK WIND 1		MESQCRK_WND1	DAWSON	WIND-O	WEST	2015	105.6	105.6	
649 MESQUITE CREEK WIND 2		MESQCRK_WND2	DAWSON	WIND-O	WEST	2015	105.6	105.6	
650 MIAMI WIND G1		MIAM1_G1	GRAY	WIND-P	PANHANDLE	2014	144.3	144.3	
651 MIAMI WIND G2		MIAM1_G2	GRAY	WIND-P	PANHANDLE	2014	144.3	144.3	
652 MIDWAY WIND		MIDWIND_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	162.8	162.8	
653 NIELS BOHR WIND A (BEARKAT WIND A)		NBOHR_UNIT1	GLASSCOCK	WIND-O	WEST	2018	196.6	196.6	
654 NOTREES WIND 1		NWF_NWF1	WINKLER	WIND-O	WEST	2009	92.6	92.6	
655 NOTREES WIND 2		NWF_NWF2	WINKLER	WIND-O	WEST	2009	60.0	60.0	
656 OCOTILLO WIND		OWF_OWF	HOWARD	WIND-O	WEST	2008	58.8	54.6	
657 OLD SETTLER WIND		COTPLNS_OLDSETLR	FLOYD	WIND-P	PANHANDLE	2017	151.2	151.2	
658 OVEJA WIND U1		OVEJA_G1	IRION	WIND-O	WEST	2021	151.2	151.2	
659 OVEJA WIND U2		OVEJA_G2	IRION	WIND-O	WEST	2021	151.2	151.2	
660 PALMAS ALTAS WIND		PALMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2020	144.9	144.9	
661 PANHANDLE WIND 1 U1		PH1_UNIT1	CARSON	WIND-P	PANHANDLE	2014	109.2	109.2	
662 PANHANDLE WIND 1 U2		PH1_UNIT2	CARSON	WIND-P	PANHANDLE	2014	109.2	109.2	
663 PANHANDLE WIND 2 U1		PH2_UNIT1	CARSON	WIND-P	PANHANDLE	2014	94.2	94.2	
664 PANHANDLE WIND 2 U2		PH2_UNIT2	CARSON	WIND-P	PANHANDLE	2014	96.6	96.6	
665 PANTHER CREEK WIND 1		PC_NORTH_PANTHER1	HOWARD	WIND-O	WEST	2008	142.5	142.5	
666 PANTHER CREEK WIND 2		PC_SOUTH_PANTHER2	HOWARD	WIND-O	WEST	2019	115.5	115.5	
667 PANTHER CREEK WIND 3 A		PC_SOUTH_PANTH31							

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
703 SAND BLUFF WIND U3		MCDLD_SB4_G87	GLASSCOCK	WIND-O	WEST	2022	4.0	4.0	
704 SENATE WIND		SENATEWD_UNIT1	JACK	WIND-O	NORTH	2012	150.0	150.0	
705 SENDERO WIND ENERGY		EXGNSND_WIND_1	JIM HOGG	WIND-O	SOUTH	2015	78.0	78.0	
706 SEYMOUR HILLS WIND (S_HILLS WIND)		S_HILLS_UNIT1	BAYLOR	WIND-O	WEST	2019	30.2	30.2	
707 SHAFFER (PATRIOT WIND/PETRONILLA)		SHAFFER_UNIT1	NUECES	WIND-C	COASTAL	2021	226.1	226.1	
708 SHANNON WIND		SHANNONW_UNIT_1	CLAY	WIND-O	WEST	2015	204.1	204.1	
709 SHERBINO 2 WIND	19INR0120	KEO_SHRBINO2	PECOS	WIND-O	WEST	2011	132.0	132.0	
710 SILVER STAR WIND	18INR0064	FLTCK_SSI	ERATH	WIND-O	NORTH	2008	52.8	52.8	
711 SOUTH PLAINS WIND 1 U1		SPLAIN1_WIND1	FLOYD	WIND-P	PANHANDLE	2015	102.0	102.0	
712 SOUTH PLAINS WIND 1 U2		SPLAIN1_WIND2	FLOYD	WIND-P	PANHANDLE	2015	98.0	98.0	
713 SOUTH PLAINS WIND 2 U1		SPLAIN2_WIND21	FLOYD	WIND-P	PANHANDLE	2016	148.5	148.5	
714 SOUTH PLAINS WIND 2 U2		SPLAIN2_WIND22	FLOYD	WIND-P	PANHANDLE	2016	151.8	151.8	
715 SOUTH TRENT WIND		STWF_T1	NOLAN	WIND-O	WEST	2008	101.2	98.2	
716 SPINNING SPUR WIND TWO A		SSPURTW_TWO_WIND_1	OLDHAM	WIND-P	PANHANDLE	2014	161.0	161.0	
717 SPINNING SPUR WIND TWO B		SSPURTW_SS3WIND2	OLDHAM	WIND-P	PANHANDLE	2015	98.0	98.0	
718 SPINNING SPUR WIND TWO C		SSPURTW_SS3WIND1	OLDHAM	WIND-P	PANHANDLE	2015	96.0	96.0	
719 STANTON WIND ENERGY		SWEC_G1	MARTIN	WIND-O	WEST	2008	123.6	120.0	
720 STELLA WIND		STELLA_UNIT1	KENEDY	WIND-C	COASTAL	2018	201.0	201.0	
721 STEPHENS RANCH WIND 1		SRWE1_UNIT1	BORDEN	WIND-O	WEST	2014	213.8	211.2	
722 STEPHENS RANCH WIND 2		SRWE1_SRWE2	BORDEN	WIND-O	WEST	2015	166.5	164.7	
723 SWEETWATER WIND 1	18INR0073	SWEETWND_WND1	NOLAN	WIND-O	WEST	2003	37.5	42.5	
724 SWEETWATER WIND 2A	17INR0068	SWEETWN2_WND24	NOLAN	WIND-O	WEST	2006	16.0	16.8	
725 SWEETWATER WIND 2B	17INR0068	SWEETWN2_WND2	NOLAN	WIND-O	WEST	2004	105.3	110.8	
726 SWEETWATER WIND 3A		SWEETWN3_WND3A	NOLAN	WIND-O	WEST	2011	30.8	33.6	
727 SWEETWATER WIND 3B		SWEETWN3_WND3B	NOLAN	WIND-O	WEST	2011	108.5	118.6	
728 SWEETWATER WIND 4-4A		SWEETWN4_WND4A	NOLAN	WIND-O	WEST	2007	119.0	125.0	
729 SWEETWATER WIND 4-4B		SWEETWN4_WND4B	NOLAN	WIND-O	WEST	2007	105.8	112.0	
730 SWEETWATER WIND 4-5		SWEETWN5_WND5	NOLAN	WIND-O	WEST	2007	80.5	85.0	
731 TAHOKA WIND 1		TAHOKA_UNIT_1	LYNN	WIND-O	WEST	2019	150.0	150.0	
732 TAHOKA WIND 2		TAHOKA_UNIT_2	LYNN	WIND-O	WEST	2019	150.0	150.0	
733 TEXAS BIG SPRING WIND A		SGMTN_SIGNALMT	HOWARD	WIND-O	WEST	1999	27.7	27.7	
734 TEXAS BIG SPRING WIND B		SGMTN_SIGNALM2	HOWARD	WIND-O	WEST	1999	6.6	6.6	
735 TG EAST WIND U1		TRUSGILL_UNIT1	KNOX	WIND-O	WEST	2022	42.0	42.0	
736 TG EAST WIND U2		TRUSGILL_UNIT2	KNOX	WIND-O	WEST	2022	44.8	44.8	
737 TG EAST WIND U3		TRUSGILL_UNIT3	KNOX	WIND-O	WEST	2022	42.0	42.0	
738 TG EAST WIND U4		TRUSGILL_UNIT4	KNOX	WIND-O	WEST	2022	207.2	207.2	
739 TORRECILLAS WIND 1		TORR_UNIT1_25	WEBB	WIND-O	SOUTH	2019	150.0	150.0	
740 TORRECILLAS WIND 2		TORR_UNIT2_23	WEBB	WIND-O	SOUTH	2019	23.0	23.0	
741 TORRECILLAS WIND 3		TORR_UNIT2_25	WEBB	WIND-O	SOUTH	2019	127.5	127.5	
742 TRENT WIND 1 A	17INR0069	TRENT_TRENT	NOLAN	WIND-O	WEST	2001	38.3	38.3	
743 TRENT WIND 1 B		TRENT_UNIT_1B	NOLAN	WIND-O	WEST	2018	15.6	15.6	
744 TRENT WIND 2		TRENT_UNIT_2	NOLAN	WIND-O	WEST	2018	50.5	50.5	
745 TRENT WIND 3 A		TRENT_UNIT_3A	NOLAN	WIND-O	WEST	2018	38.3	38.3	
746 TRENT WIND 3 B		TRENT_UNIT_3B	NOLAN	WIND-O	WEST	2018	13.8	13.8	
747 TRINITY HILLS WIND 1	20INR0019	TRINITY_TH1_BUS1	ARCHER	WIND-O	WEST	2012	103.4	103.4	
748 TRINITY HILLS WIND 2	20INR0019	TRINITY_TH1_BUS2	ARCHER	WIND-O	WEST	2012	94.6	94.6	
749 TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND-O	WEST	2008	2.0	2.0	
750 TURKEY TRACK WIND		TTWEC_G1	NOLAN	WIND-O	WEST	2008	174.6	169.5	
751 TYLER BLUFF WIND		TYLRWIND_UNIT1	COOKE	WIND-O	NORTH	2017	125.6	125.6	
752 VENADO WIND U1		VENADO_UNIT1	ZAPATA	WIND-O	SOUTH	2021	105.0	105.0	
753 VENADO WIND U2		VENADO_UNIT2	ZAPATA	WIND-O	SOUTH	2021	96.6	96.6	
754 VERA WIND 1		VERAWIND_UNIT1	KNOX	WIND-O	WEST	2021	12.0	12.0	
755 VERA WIND 2		VERAWIND_UNIT2	KNOX	WIND-O	WEST	2021	7.2	7.2	
756 VERA WIND 3		VERAWIND_UNIT3	KNOX	WIND-O	WEST	2021	100.8	100.8	
757 VERA WIND 4		VERAWIND_UNIT4	KNOX	WIND-O	WEST	2021	22.0	22.0	
758 VERA WIND 5		VERAWIND_UNIT5	KNOX	WIND-O	WEST	2021	100.8	100.8	
759 VERTIGO WIND (FORMERLY GREEN PASTURES WIND 2)		VERTIGO_WIND_I	BAYLOR	WIND-O	WEST	2015	150.0	150.0	
760 WAKE WIND 1		WAKEWE_G1	DICKENS	WIND-P	PANHANDLE	2016	114.9	114.9	
761 WAKE WIND 2		WAKEWE_G2	DICKENS	WIND-P	PANHANDLE	2016	142.4	142.3	
762 WEST RAYMOND (EL TRUENO) WIND U1		TRUENO_UNIT1	WILLACY	WIND-C	COASTAL	2021	116.6	116.6	
763 WEST RAYMOND (EL TRUENO) WIND U2		TRUENO_UNIT2	WILLACY	WIND-C	COASTAL	2021	123.2	123.2	
764 WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND-P	PANHANDLE	2007	59.8	57.0	
765 WHITETAIL WIND		EXGNWTL_WIND_1	WEBB	WIND-O	SOUTH	2012	92.3	92.3	
766 WHITE MESA WIND U1		WHMESA_UNIT1	CROCKETT	WIND-O	WEST	2022	152.3	152.3	
767 WHITE MESA 2 WIND U1		WHMESA_UNIT2_23	CROCKETT	WIND-O	WEST	2022	13.9	13.9	
768 WHITE MESA 2 WIND U2		WHMESA_UNIT2_28	CROCKETT	WIND-O	WEST	2022	183.3	183.3	
769 WHITE MESA 2 WIND U3		WHMESA_UNIT3_23	CROCKETT	WIND-O	WEST	2022	18.6	18.6	
770 WHITE MESA 2 WIND U4		WHMESA_UNIT3_28	CROCKETT	WIND-O	WEST	2022	132.5	132.5	
771 WILLOW SPRINGS WIND A		SALVTION_UNIT1	HASKELL	WIND-O	WEST	2017	125.0	125.0	
772 WILLOW SPRINGS WIND B		SALVTION_UNIT2	HASKELL	WIND-O	WEST	2017	125.0	125.0	
773 WILSON RANCH (INFINITY LIVE OAK WIND)		WL_RANCH_UNIT1	SCHLEICHER	WIND-O	WEST	2020	199.5	199.5	
774 WINDTHORST 2 WIND		WNTHST2_UNIT1	ARCHER	WIND-O	WEST	2014	67.6	67.6	
775 WKN MOZART WIND		MOZART_WIND_1	KENT	WIND-O	WEST	2012	30.0	30.0	
776 WOLF RIDGE WIND	21INR0511	WHTTAIL_WR1	COOKE	WIND-O	NORTH	2008	112.5	112.5	
777 Operational Capacity Total (Wind)							31,562.3	31,494.7	
778									
779 Operational Wind Capacity Sub-total (Coastal Counties)		WIND_OPERATIONAL_C					4,862.3	4,856.1	
780 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				100.0	60.0	
781									
782 Operational Wind Capacity Sub-total (Panhandle Counties)		WIND_OPERATIONAL_P					4,410.4	4,407.7	
783 Wind Peak Average Capacity Percentage (Panhandle)		WIND_PEAK_PCT_P	%				100.0	30.0	
784									
785 Operational Wind Capacity Sub-total (Other Counties)		WIND_OPERATIONAL_O					22,289.6	22,230.9	
786 Wind Peak Average Capacity Percentage (Other)		WIND_PEAK_PCT_O	%				100.0	21.0	
787									

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
820 INERTIA WIND U2	22INR0326	INRT_W_UNIT2	HASKELL	WIND-O	WEST	2023	27.7	27.7	
821 INERTIA WIND U3	22INR0326	INRT_W_UNIT3	HASKELL	WIND-O	WEST	2023	205.9	205.9	
822 LACY CREEK WIND U1	18INR0043	LACY_CRK_UNIT1	GLASSCOCK	WIND-O	WEST	2023	135.4	135.4	
823 LACY CREEK WIND U2	18INR0043	LACY_CRK_UNIT2	GLASSCOCK	WIND-O	WEST	2023	15.1	15.1	
824 LACY CREEK WIND U3	18INR0043	LACY_CRK_UNIT3	GLASSCOCK	WIND-O	WEST	2023	138.2	138.2	
825 LACY CREEK WIND U4	18INR0043	LACY_CRK_UNIT4	GLASSCOCK	WIND-O	WEST	2023	12.6	12.6	
826 LAS MAJADAS WIND U1	17INR0035	LMAJADAS_UNIT1	WILLACY	WIND-C	COASTAL	2023	110.0	110.0	
827 LAS MAJADAS WIND U2	17INR0035	LMAJADAS_UNIT2	WILLACY	WIND-C	COASTAL	2023	24.0	24.0	
828 LAS MAJADAS WIND U3	17INR0035	LMAJADAS_UNIT3	WILLACY	WIND-C	COASTAL	2023	138.6	138.6	
829 MARYNEAL WINDPOWER	18INR0031	MARYNEAL_UNIT1	NOLAN	WIND-O	WEST	2023	182.4	182.4	
830 MESTENO WIND	16INR0081	MESTENO_UNIT_1	STARR	WIND-O	SOUTH	2023	201.6	201.6	
831 PRAIRIE HILL WIND U1	19INR0100	PHILLWND_UNIT1	LIMESTONE	WIND-O	NORTH	2023	153.0	153.0	
832 PRAIRIE HILL WIND U2	19INR0100	PHILLWND_UNIT2	LIMESTONE	WIND-O	NORTH	2023	147.0	147.0	
833 PRIDDY WIND U1	16INR0085	PRIDDY_UNIT1	MILLS	WIND-O	NORTH	2023	187.2	187.2	
834 PRIDDY WIND U2	16INR0085	PRIDDY_UNIT2	MILLS	WIND-O	NORTH	2023	115.2	115.2	
835 VORTEX WIND U1	20INR0120	VORTEX_WIND1	THROCKMORTON	WIND-O	WEST	2023	153.6	153.6	
836 VORTEX WIND U2	20INR0120	VORTEX_WIND2	THROCKMORTON	WIND-O	WEST	2023	24.2	24.2	
837 VORTEX WIND U3	20INR0120	VORTEX_WIND3	THROCKMORTON	WIND-O	WEST	2023	158.4	158.4	
838 VORTEX WIND U4	20INR0120	VORTEX_WIND4	THROCKMORTON	WIND-O	WEST	2023	14.0	14.0	
839 WHITEHORSE WIND U1	19INR0080	WH_WIND_UNIT1	FISHER	WIND-O	WEST	2023	209.4	209.4	
840 WHITEHORSE WIND U2	19INR0080	WH_WIND_UNIT2	FISHER	WIND-O	WEST	2023	209.5	209.5	
841 WILDWIND U1	20INR0033	WILDWIND_UNIT1	COOKE	WIND-O	NORTH	2023	18.4	18.4	
842 WILDWIND U2	20INR0033	WILDWIND_UNIT2	COOKE	WIND-O	NORTH	2023	48.0	48.0	
843 WILDWIND U3	20INR0033	WILDWIND_UNIT3	COOKE	WIND-O	NORTH	2023	6.3	6.3	
844 WILDWIND U4	20INR0033	WILDWIND_UNIT4	COOKE	WIND-O	NORTH	2023	54.6	54.6	
845 WILDWIND U5	20INR0033	WILDWIND_UNIT5	COOKE	WIND-O	NORTH	2023	52.8	52.8	
846 YOUNG WIND U1	21INR0401	YNG_WND_UNIT1	YOUNG	WIND-O	WEST	2023	197.4	197.4	
847 YOUNG WIND U2	21INR0401	YNG_WND_UNIT2	YOUNG	WIND-O	WEST	2023	152.3	152.3	
848 YOUNG WIND U3	21INR0401	YNG_WND_UNIT3	YOUNG	WIND-O	WEST	2023	149.5	149.5	
849 Operational Capacity - Synchronized but not Approved for Commercial Operations Total (Wind)							6,184.9	6,184.4	
850									
851 Operational Wind Capacity Synchronized but not Approved for Commercial Operations Sub-total (Coastal Counties)							574.1	574.1	
852 Wind Peak Average Capacity Percentage (Coastal)							100.0	60.0	
853							-	-	
854 Operational Wind Capacity Synchronized but not Approved for Commercial Operations Sub-total (Panhandle Counti									
855 Wind Peak Average Capacity Percentage (Panhandle)							100.0	30.0	
856									
857 Operational Wind Capacity Synchronized but not Approved for Commercial Operations Sub-total (Other Counties)							5,610.8	5,610.3	
858 Wind Peak Average Capacity Percentage (Other)							100.0	21.0	
859									
860 Operational Resources (Solar)									
861 ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0	10.0	
862 ALEXIS SOLAR		DG_ALEXIS_ALEXIS	BROOKS	SOLAR	SOUTH	2019	10.0	10.0	
863 ANSON SOLAR U1		ANSON1_UNIT1	JONES	SOLAR	WEST	2022	100.8	100.0	
864 ANSON SOLAR U2		ANSON1_UNIT2	JONES	SOLAR	WEST	2022	100.8	100.0	
865 ARAGORN SOLAR		ARAGORN_UNIT1	CULBERSON	SOLAR	WEST	2021	188.2	185.0	
866 AZURE SKY SOLAR U1		AZURE_SOLAR1	HASKELL	SOLAR	WEST	2021	74.9	74.9	
867 AZURE SKY SOLAR U2		AZURE_SOLAR2	HASKELL	SOLAR	WEST	2021	153.5	153.5	
868 BECK 1		DG_CECSOLAR_DG_BECBEXAR	SOLAR	SOUTH	2016	1.0	1.0		
869 BHE SOLAR PEARL PROJECT (SIRIUS 2)		SIRIUS_UNIT2	PECOS	SOLAR	WEST	2017	50.0	49.1	
870 BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6	7.6	
871 BLUE WING 2 SOLAR		DG_ELMEN_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3	7.3	
872 BLUEBELL SOLAR (CAPRICORN RIDGE SOLAR)		CAPRIDG4_BB_PV	STERLING	SOLAR	WEST	2019	30.0	30.0	
873 BLUEBELL SOLAR II (CAPRICORN RIDGE 4)		CAPRIDG4_BB2_PV1	STERLING	SOLAR	WEST	2021	100.0	100.0	
874 BLUEBELL SOLAR II 2 (CAPRICORN RIDGE 4)		CAPRIDG4_BB2_PV2	STERLING	SOLAR	WEST	2021	15.0	15.0	
875 BNB LAMESA SOLAR (PHASE I)		LMESASLR_UNIT1	DAWSON	SOLAR	WEST	2018	101.6	101.6	
876 BNB LAMESA SOLAR (PHASE II)		LMESASLR_IVORY	DAWSON	SOLAR	WEST	2018	50.0	50.0	
877 BOVINE SOLAR LLC		DG_BOVINE_BOVINE	AUSTIN	SOLAR	SOUTH	2018	5.0	5.0	
878 BOVINE SOLAR LLC		DG_BOVINE2_BOVINE2	AUSTIN	SOLAR	SOUTH	2018	5.0	5.0	
879 BRIGHTSIDE SOLAR		BRIGHTSD_UNIT1	BEE	SOLAR	SOUTH	2022	53.4	50.0	
880 BRONSON SOLAR I		DG_BRNSN_BRNSN	FORT BEND	SOLAR	HOUSTON	2018	5.0	5.0	
881 BRONSON SOLAR II		DG_BRNSN2_BRNSN2	FORT BEND	SOLAR	HOUSTON	2018	5.0	5.0	
882 CASCADE SOLAR I		DG.Cascade_CASCADEWHARTON	SOLAR	SOUTH	2018	5.0	5.0		
883 CASCADE SOLAR II		DG.Cascade2_CASCAWHARTON	SOLAR	SOUTH	2018	5.0	5.0		
884 CASTLE GAP SOLAR		CASL_GAP_UNIT1	UPTON	SOLAR	WEST	2018	180.0	180.0	
885 CATAN SOLAR		DG_CS10_CATAN	KARNES	SOLAR	SOUTH	2020	10.0	10.0	
886 CHISUM SOLAR		DG_CHISUM_CHISUM	LAMAR	SOLAR	NORTH	2018	10.0	10.0	
887 COMMERCE_Solar		DG_X443PV1_SWRI_PV1	BEXAR	SOLAR	SOUTH	2019	5.0	5.0	
888 CONIGLIO SOLAR		CONIGLIO_UNIT1	FANNIN	SOLAR	NORTH	2021	125.7	125.7	
889 CORAZON SOLAR PHASE I		CORAZON_UNIT1	WEBB	SOLAR	SOUTH	2021	202.6	202.6	
890 DANCIGER SOLAR U1		DAG_UNIT1	BRAZORIA	SOLAR	COASTAL	2023	101.4	100.0	
891 DANCIGER SOLAR U2		DAG_UNIT2	BRAZORIA	SOLAR	COASTAL	2023	101.4	100.0	
892 EAST BLACKLAND SOLAR (PFLUGERVILLE SOLAR)		E_BLACK_UNIT_1	TRAVIS	SOLAR	SOUTH	2021	144.0	144.0	
893 EDDY SOLAR II		DG_EDDYII_EDDYII	MCLENNAN	SOLAR	NORTH	2018	10.0	10.0	
894 ELARA SOLAR		ELARA_SL_UNIT1	FRIO	SOLAR	SOUTH	2022	132.4	132.4	
895 EMERALD GROVE SOLAR (PECOS SOLAR POWER I)		EGROVESL_UNIT1	CRANE	SOLAR	WEST	2023	109.5	108.0	
896 EUNICE SOLAR U1		EUNICE_PV1	ANDREWS	SOLAR	WEST	2021	189.6	189.6	
897 EUNICE SOLAR U2		EUNICE_PV2	ANDREWS	SOLAR	WEST	2021	237.1	237.1	
898 FIFTH GENERATION SOLAR 1		DG_FIFTHGS1_FGSOLAFTRAVIS	SOLAR	SOUTH	2016	6.8	6.8		
899 FOWLER RANCH		FWLR_SLR_UNIT1	CRANE	SOLAR	WEST	2020	152.5	150.0	
900 FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2015	22.0	22.0	
901 FS EAST PECOS SOLAR		BOOTLEG_UNIT1	PECOS	SOLAR	WEST	2017	126.0	121.1	
902 GALLOWAY 1 SOLAR		GALLOWAY_SOLAR1	CONCHO	SOLAR	WEST	2021	251.4	250.0	
903 GREASEWOOD SOLAR 1		GREASWOD_UNIT1	PECOS	SOLAR	WEST	2021	126.3	124.6	
904 GREASEWOOD SOLAR 2		GREASWOD_UNIT2	PECOS						

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
937 PHOEBE SOLAR 1		PHOEBE_UNIT1	WINKLER	SOLAR	WEST	2019	125.0	125.1	
938 PHOEBE SOLAR 2		PHOEBE_UNIT2	WINKLER	SOLAR	WEST	2019	128.0	128.1	
939 PHOENIX SOLAR		PHOENIX_UNIT1	FANNIN	SOLAR	NORTH	2021	83.9	83.9	
940 POWERFIN KINGSBERRY		DG_PFK_PFKPV	TRAVIS	SOLAR	SOUTH	2017	2.6	2.6	
941 PROSPERO SOLAR 1 U1		PROSPERO_UNIT1	ANDREWS	SOLAR	WEST	2020	153.6	153.6	
942 PROSPERO SOLAR 1 U2		PROSPERO_UNIT2	ANDREWS	SOLAR	WEST	2020	150.0	150.0	
943 PROSPERO SOLAR 2 U1		PRSPERO2_UNIT1	ANDREWS	SOLAR	WEST	2021	126.5	126.5	
944 PROSPERO SOLAR 2 U2		PRSPERO2_UNIT2	ANDREWS	SOLAR	WEST	2021	126.4	126.4	
945 QUEEN SOLAR PHASE I		QUEEN_SI_SOLAR1	UPTON	SOLAR	WEST	2020	102.5	102.5	
946 QUEEN SOLAR PHASE I		QUEEN_SI_SOLAR2	UPTON	SOLAR	WEST	2020	102.5	102.5	
947 QUEEN SOLAR PHASE II		QUEEN_SI_SOLAR3	UPTON	SOLAR	WEST	2020	97.5	97.5	
948 QUEEN SOLAR PHASE II		QUEEN_SI_SOLAR4	UPTON	SOLAR	WEST	2020	107.5	107.5	
949 RAMBLER SOLAR		RAMBLER_UNIT1	TOM GREEN	SOLAR	WEST	2020	211.2	200.0	
950 RE ROSEROCK SOLAR 1		REROCK_UNIT1	PECOS	SOLAR	WEST	2016	78.8	78.8	
951 RE ROSEROCK SOLAR 2		REROCK_UNIT2	PECOS	SOLAR	WEST	2016	78.8	78.8	
952 REDBARN SOLAR 1 (RE MAPLEWOOD 2A SOLAR)		REDBARN_UNIT_1	PECOS	SOLAR	WEST	2021	222.0	222.0	
953 REDBARN SOLAR 2 (RE MAPLEWOOD 2B SOLAR)		REDBARN_UNIT_2	PECOS	SOLAR	WEST	2021	28.0	28.0	
954 RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSEVRSS_CSS1	DENTON	SOLAR	NORTH	2015	2.0	2.0	
955 RIGGINS (SE BUCKTHORN WESTEX SOLAR)		RIGGINS_UNIT1	PECOS	SOLAR	WEST	2018	155.4	150.0	
956 RIPPEY SOLAR		RIPPEY_UNIT1	COOKE	SOLAR	NORTH	2020	59.8	59.8	
957 SOLAIREHOLMAN 1		LASSO_UNIT1	BREWSTER	SOLAR	WEST	2018	50.0	50.0	
958 SP-TX-12-PHASE B		SPTX12B_UNIT1	UPTON	SOLAR	WEST	2017	157.5	157.5	
959 STERLING		DG_STRLNG_STRLNG	HUNT	SOLAR	NORTH	2018	10.0	10.0	
960 STRATEGIC SOLAR 1		STRATEGC_UNIT1	ELLIS	SOLAR	NORTH	2022	135.0	135.0	
961 SUNEDISON RABEL ROAD SOLAR		DG_VALL1_UNIT1	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	
962 SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_UNIT1	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	
963 SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6	5.6	
964 SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0	5.0	
965 TAYGETE SOLAR 1 U1		TAYGETE_UNIT1	PECOS	SOLAR	WEST	2021	125.9	125.9	
966 TAYGETE SOLAR 1 U2		TAYGETE_UNIT2	PECOS	SOLAR	WEST	2021	128.9	128.9	
967 TITAN SOLAR (IP TITAN) U1		TI_SOLAR_UNIT1	CULBERSON	SOLAR	WEST	2021	136.8	136.8	
968 TITAN SOLAR (IP TITAN) U2		TI_SOLAR_UNIT2	CULBERSON	SOLAR	WEST	2021	131.1	131.1	
969 TPE ERATH SOLAR		DG_ERATH_ERATH21	ERATH	SOLAR	NORTH	2021	10.0	10.0	
970 VANCOURT SOLAR		VANCOURT_UNIT1	CAMERON	SOLAR	COASTAL	2023	45.7	45.7	
971 VISION SOLAR 1		VISION_UNIT1	NAVARRO	SOLAR	NORTH	2022	129.2	127.0	
972 WAGYU SOLAR		WGU_UNIT1	BRAZORIA	SOLAR	COASTAL	2021	120.0	120.0	
973 WALNUT SPRINGS		DG_WLNTSPRG_1UNIT	BOSQUE	SOLAR	NORTH	2016	10.0	10.0	
974 WAYMARK SOLAR		WAYMARK_UNIT1	UPTON	SOLAR	WEST	2018	182.0	182.0	
975 WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7	26.7	
976 WEST MOORE II		DG_WMOOREII_WMOOR	GRAYSON	SOLAR	NORTH	2018	5.0	5.0	
977 WEST OF PELOS SOLAR		W_PECOS_UNIT1	REEVES	SOLAR	WEST	2019	100.0	100.0	
978 WESTORIA SOLAR U1		WES_UNIT1	BRAZORIA	SOLAR	COASTAL	2022	101.6	101.6	
979 WESTORIA SOLAR U2		WES_UNIT2	BRAZORIA	SOLAR	COASTAL	2022	101.6	101.6	
980 WHITESBORO		DG_WBORO_WHTSBOR	GRAYSON	SOLAR	NORTH	2017	5.0	5.0	
981 WHITESBORO II		DG_WBOROII_WHBORO	GRAYSON	SOLAR	NORTH	2017	5.0	5.0	
982 WHITEWRIGHT		DG_WHTRT_WHTRGHT	FANNIN	SOLAR	NORTH	2017	10.0	10.0	
983 WHITNEY SOLAR		DG_WHITNEY_SOLAR1	BOSQUE	SOLAR	NORTH	2017	10.0	10.0	
984 YELLOW JACKET SOLAR		DG_YLWJACKET_YLWJA	BOSQUE	SOLAR	NORTH	2018	5.0	5.0	
985 Operational Capacity Total (Solar)							9,991.3	9,941.9	
986 Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				100.0	79.0	
987									
988 Operational Resources (Solar) - Synchronized but not Approved for Commercial Operations									
989 BIG STAR SOLAR U1	21INR0413	BIG_STAR_UNIT1	BASTROP	SOLAR	SOUTH	2023	132.3	130.0	
990 BIG STAR SOLAR U2	21INR0413	BIG_STAR_UNIT2	BASTROP	SOLAR	SOUTH	2023	70.8	70.0	
991 BLUE JAY SOLAR I	21INR0538	BLUEJAY_UNIT1	GRIMES	SOLAR	NORTH	2023	69.0	69.0	
992 BLUE JAY SOLAR II	19INR0085	BLUEJAY_UNIT2	GRIMES	SOLAR	NORTH	2023	141.0	141.0	
993 BPL FILES SOLAR	20INR0164	FILESSLR_PV1	HILL	SOLAR	NORTH	2023	146.1	145.0	
994 BUFFALO CREEK (OLD 300 SOLAR CENTER) U1	21INR0406	BCK_UNIT1	FORT BEND	SOLAR	HOUSTON	2023	217.5	217.5	
995 BUFFALO CREEK (OLD 300 SOLAR CENTER) U2	21INR0406	BCK_UNIT2	FORT BEND	SOLAR	HOUSTON	2023	221.3	221.3	
996 CROWN SOLAR	21INR0323	CRWN_SLR_UNIT1	FALLS	SOLAR	NORTH	2023	101.3	100.7	
997 FIGHTING JAYS SOLAR U1	21INR0278	JAY_UNIT1	FORT BEND	SOLAR	HOUSTON	2023	179.5	179.6	
998 FIGHTING JAYS SOLAR U2	21INR0278	JAY_UNIT2	FORT BEND	SOLAR	HOUSTON	2023	171.8	171.9	
999 GOLINDA SOLAR	21INR0434	GOLINDA_UNIT1	FALLS	SOLAR	NORTH	2023	101.1	100.5	
1000 GRIZZLY RIDGE SOLAR	21INR0375	GRIZZLY_SOLAR1	HAMILTON	SOLAR	NORTH	2023	101.7	100.0	
1001 HOVEY (BARILLA SOLAR 1B)	12INR0059b	HOVEY_UNIT2	PECOS	SOLAR	WEST	2023	7.4	7.4	
1002 JADE SOLAR UNIT 1	22INR0360	JADE_SLR_UNIT1	SCURRY	SOLAR	WEST	2023	158.8	158.0	
1003 JADE SOLAR UNIT 2	22INR0360	JADE_SLR_UNIT2	SCURRY	SOLAR	WEST	2023	162.4	162.0	
1004 MCLEAN (SHAKES) SOLAR	19INR0073	MCLNSLR_UNIT1	DIMMIT	SOLAR	SOUTH	2023	207.4	200.0	
1005 MUSTANG CREEK SOLAR U1	18INR0050	MUSTNGCK_SOLAR1	JACKSON	SOLAR	SOUTH	2023	60.2	60.0	
1006 MUSTANG CREEK SOLAR U2	18INR0050	MUSTNGCK_SOLAR2	JACKSON	SOLAR	SOUTH	2023	90.3	90.0	
1007 MYRTLE SOLAR U1	19INR0041	MYR_UNIT1	BRAZORIA	SOLAR	COASTAL	2023	171.6	167.2	
1008 MYRTLE SOLAR U2	19INR0041	MYR_UNIT2	BRAZORIA	SOLAR	COASTAL	2023	149.6	145.8	
1009 PISGAH RIDGE SOLAR U1	22INR0254	PISGAH_SOLAR1	NAVARR	SOLAR	NORTH	2023	189.4	186.5	
1010 PISGAH RIDGE SOLAR U2	22INR0254	PISGAH_SOLAR2	NAVARR	SOLAR	NORTH	2023	64.4	63.5	
1011 PLAINVIEW SOLAR (RAMSEY SOLAR) U1	20INR0130	PLN_UNIT1	WHARTON	SOLAR	SOUTH	2023	270.0	257.0	
1012 PLAINVIEW SOLAR (RAMSEY SOLAR) U2	20INR0130	PLN_UNIT2	WHARTON	SOLAR	SOUTH	2023	270.0	257.0	
1013 RADIAN SOLAR U1	21INR0205	RADN_SLR_UNIT1	BROWN	SOLAR	NORTH	2023	161.4	158.9	
1014 RADIAN SOLAR U2	21INR0205	RADN_SLR_UNIT2	BROWN	SOLAR	NORTH	2023	166.0	162.9	
1015 RATLIFF SOLAR (CONCHO VALLEY SOLAR)	21INR0384	RATLIFF_SOLAR1	TOM GREEN	SOLAR	WEST	2023	162.4	159.8	
1016 ROSELAND SOLAR U1	20INR0205	ROSELAND_SOLAR1	FALLS	SOLAR	NORTH	2023	254.0	250.0	
1017 ROSELAND SOLAR U2	20INR0205	ROSELAND_SOLAR2	FALLS	SOLAR	NORTH	2023	167.9	165.3	
1018 ROSELAND SOLAR U3	22INR0506	ROSELAND_SOLAR3	FALLS	SOLAR	NORTH	2023	86.1	84.7	

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
1171 SHEEP CREEK WIND	21INR0325		CALLAHAN	WIND-O	WEST	2023	-	-	
1172 SIETE	20INR0047		WEBB	WIND-O	SOUTH	2024	-	-	
1173 Planned Capacity Total (Wind)							-	-	
1174							-	-	
1175 Planned Wind Capacity Sub-total (Coastal Counties)							100.0	60.0	
1176 Wind Peak Average Capacity Percentage (Coastal)									
1177									
1178 Planned Wind Capacity Sub-total (Panhandle Counties)							-	-	
1179 Wind Peak Average Capacity Percentage (Panhandle)							100.0	30.0	
1180									
1181 Planned Wind Capacity Sub-total (Other counties)							-	-	
1182 Wind Peak Average Capacity Percentage (Other)							100.0	21.0	
1183									
1184 Planned Solar Resources with Executed SGIA									
1185 7V SOLAR	21INR0351		FAYETTE	SOLAR	SOUTH	2024	-	-	
1186 ADAMSTOWN SOLAR	21INR0210		WICHITA	SOLAR	WEST	2025	-	-	
1187 ALILA SOLAR	23INR0093		SAN PATRICIO	SOLAR	COASTAL	2024	-	-	
1188 AMSTERDAM SOLAR	21INR0256		BRAZORIA	SOLAR	COASTAL	2024	-	-	
1189 ANDROMEDA SOLAR	22INR0412		SCURRY	SOLAR	WEST	2023	320.0	320.0	
1190 ANGELO SOLAR	19INR0203		TOM GREEN	SOLAR	WEST	2024	-	-	
1191 ANGUS SOLAR	20INR0035		BOSQUE	SOLAR	NORTH	2024	-	-	
1192 ARMADILLO SOLAR	21INR0421		NAVARRO	SOLAR	NORTH	2024	-	-	
1193 ARROYO SOLAR	20INR0086		CAMERON	SOLAR	COASTAL	2024	-	-	
1194 ASH CREEK SOLAR	21INR0379		HILL	SOLAR	NORTH	2024	-	-	
1195 BAKER BRANCH SOLAR	23INR0026		LAMAR	SOLAR	NORTH	2024	-	-	
1196 BIG ELM SOLAR	21INR0353		BELL	SOLAR	NORTH	2024	-	-	
1197 BLUE SKY SOL	22INR0455		CROCKETT	SOLAR	WEST	2024	-	-	
1198 BRASS FORK SOLAR	22INR0270		HASKELL	SOLAR	WEST	2025	-	-	
1199 BRIGHT ARROW SOLAR	22INR0242		HOPKINS	SOLAR	NORTH	2023	-	-	
1200 BUCKEYE CORPUS FUELS SOLAR	22INR0397		NUECES	SOLAR	COASTAL	2025	-	-	
1201 CACHENA SOLAR	23INR0027		WILSON	SOLAR	SOUTH	2025	-	-	
1202 CAROL SOLAR	21INR0274		POTTER	SOLAR	PANHANDLE	2025	-	-	
1203 CASTRO SOLAR	20INR0050		CASTRO	SOLAR	PANHANDLE	2025	-	-	
1204 CHARGER SOLAR	23INR0047		REFUGIO	SOLAR	COASTAL	2025	-	-	
1205 CLUTCH CITY SOLAR	22INR0279		BRAZORIA	SOLAR	COASTAL	2025	-	-	
1206 COMPADRE SOLAR	24INR0023		HILL	SOLAR	NORTH	2024	-	-	
1207 CORAL SOLAR	22INR0295		FALLS	SOLAR	NORTH	2023	-	-	
1208 CORAZON SOLAR PHASE II	22INR0257		WEBB	SOLAR	SOUTH	2025	-	-	
1209 COTTONWOOD BAYOU SOLAR I	19INR0134		BRAZORIA	SOLAR	COASTAL	2024	-	-	
1210 CRADLE SOLAR	23INR0150		BRAZORIA	SOLAR	COASTAL	2025	-	-	Yes
1211 CROWDED STAR SOLAR	20INR0241		JONES	SOLAR	WEST	2025	-	-	
1212 CROWDED STAR SOLAR II	22INR0274		JONES	SOLAR	WEST	2025	-	-	
1213 DANISH FIELDS SOLAR I	20INR0069		WHARTON	SOLAR	SOUTH	2023	-	-	
1214 DAWN SOLAR	20INR0255		DEAF SMITH	SOLAR	PANHANDLE	2024	-	-	
1215 DELILAH SOLAR 1	22INR0202		LAMAR	SOLAR	NORTH	2024	-	-	
1216 DELILAH SOLAR 2	22INR0203		LAMAR	SOLAR	NORTH	2024	-	-	
1217 DELILAH SOLAR 3	23INR0042		LAMAR	SOLAR	NORTH	2023	-	-	
1218 DELILAH SOLAR 4	23INR0060		LAMAR	SOLAR	NORTH	2023	-	-	
1219 DESERT VINE SOLAR	22INR0307		ZAPATA	SOLAR	SOUTH	2024	-	-	
1220 DILEO SOLAR	22INR0359		BOSQUE	SOLAR	NORTH	2023	71.4	71.4	
1221 DONEGAL SOLAR	23INR0089		DICKENS	SOLAR	PANHANDLE	2024	-	-	
1222 DORI BQ SOLAR	23INR0040		HARRIS	SOLAR	HOUSTON	2024	-	-	Yes
1223 DR SOLAR	22INR0454		CULBERSON	SOLAR	WEST	2024	-	-	
1224 EASTBELL MILAM SOLAR	21INR0203		MILAM	SOLAR	SOUTH	2023	-	-	
1225 EIFFEL SOLAR	22INR0223		LAMAR	SOLAR	NORTH	2023	-	-	
1226 ELIZA SOLAR	21INR0368		KAUFMAN	SOLAR	NORTH	2024	-	-	
1227 ELLIS SOLAR	21INR0493		ELLIS	SOLAR	NORTH	2023	80.0	80.0	
1228 EQUINOX SOLAR 1	21INR0226		STARR	SOLAR	SOUTH	2026	-	-	
1229 ESTONIAN SOLAR FARM	22INR0335		DELTA	SOLAR	NORTH	2024	-	-	
1230 FAGUS SOLAR PARK (MISAE SOLAR II)	20INR0091		CHILDRESS	SOLAR	PANHANDLE	2024	-	-	
1231 FENCE POST SOLAR	22INR0404		NAVARRO	SOLAR	NORTH	2024	-	-	
1232 FIVE WELLS SOLAR	24INR0015		BELL	SOLAR	NORTH	2023	-	-	
1233 FRYE SOLAR	20INR0080		SWISHER	SOLAR	PANHANDLE	2024	-	-	
1234 GALACTIC SOLAR	23INR0144		GRAYSON	SOLAR	NORTH	2024	-	-	
1235 GALLOWAY 2 SOLAR	21INR0431		CONCHO	SOLAR	WEST	2023	-	-	
1236 GARCITAS CREEK SOLAR	23INR0223		JACKSON	SOLAR	SOUTH	2024	-	-	
1237 GP SOLAR	23INR0045		VAN ZANDT	SOLAR	NORTH	2024	-	-	
1238 GRANDSLAM SOLAR	21INR0391		ATASCOSA	SOLAR	SOUTH	2024	-	-	
1239 GRANSOLAR TEXAS ONE	22INR0511		MILAM	SOLAR	SOUTH	2024	-	-	
1240 GREATER BRYANT G SOLAR	23INR0300		MIDLAND	SOLAR	WEST	2024	-	-	
1241 GREEN HOLLY SOLAR	21INR0021		DAWSON	SOLAR	WEST	2024	-	-	
1242 GREYHOUND SOLAR	21INR0268		ECTOR	SOLAR	WEST	2025	-	-	
1243 GRIMES COUNTY SOLAR	23INR0160		GRIMES	SOLAR	NORTH	2025	-	-	
1244 GULF STAR SOLAR SLF (G-STAR SOLAR)	23INR0111		WHARTON	SOLAR	SOUTH	2024	-	-	
1245 HALO SOLAR	21INR0304		BELL	SOLAR	NORTH	2023	-	-	
1246 HAYHURST TEXAS SOLAR	22INR0363		CULBERSON	SOLAR	WEST	2023	-	-	
1247 HOPKINS SOLAR	20INR0210		HOPKINS	SOLAR	NORTH	2023	-	-	
1248 HORIZON SOLAR	21INR0261		FRIOS	SOLAR	SOUTH	2023	-	-	
1249 HORNET SOLAR	23INR0021		SWISHER	SOLAR	PANHANDLE	2024	-	-	
1250 HOWLE SOLAR	20INR0075		ELLIS	SOLAR	NORTH	2024	-	-	
1251 HOYTE SOLAR	23INR0235		MILAM	SOLAR	SOUTH	2024	-	-	
1252 INDIGO SOLAR	21INR0031		FISHER	SOLAR	WEST	2024	-	-	
1253 INERTIA SOLAR	22INR0374		HASKELL	SOLAR	WEST	2025	-	-	
1254 JACKALOPE SOLAR	23INR0180		SAN PATRICIO	SOLAR	COASTAL	2024	-	-	
1255 JUNGMANN SOLAR	22INR0356		MILAM	SOLAR	SOUTH	2024	-	-	
1256 LAVACA BAY SOLAR	23INR0084		MATAGORDA	SOLAR	COASTAL	2024	-	-	
1257 LONG POINT SOLAR	19INR0042		BRAZORIA	SOLAR	COASTAL	2024	-	-	
1258 LUNIS CREEK SOLAR 1	21INR0344		JACKSON	SOLAR	SOUTH	2024	-	-	
1259 MALEZA SOLAR	21INR0220		WHARTON	SOLAR	SOUTH	2024	-	-	
1260 MARKUM SOLAR	20INR0230		MCLENNAN	SOLAR	NORTH	2024	-	-	
1261 MATAGORDA SOLAR	22INR0342		MATAGORDA	SOLAR	COASTAL	2023	-	-	
1262 MERCURY I SOLAR	21INR0257		HILL	SOLAR	NORTH	2024	-	-	
1263 MERCURY II SOLAR	23INR0153		HILL	SOLAR	NORTH	2024	-	-	
1264 MORROW LAKE SOLAR	19INR0155		FRIOS	SOLAR	SOUTH	2024	-	-	
1265 NABATOTO SOLAR NORTH	21INR0428		LEON	SOLAR	NORTH	2025</td			

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
1288 SECOND DIVISION SOLAR	20INR0248		BRAZORIA	SOLAR	COASTAL	2024	-	-	
1289 SHAULA I SOLAR	22INR0251		DEWITT	SOLAR	SOUTH	2025	-	-	
1290 SHAULA II SOLAR	22INR0267		DEWITT	SOLAR	SOUTH	2026	-	-	
1291 SIGNAL SOLAR	20INR0208		HUNT	SOLAR	NORTH	2024	-	-	
1292 SODA LAKE SOLAR 1 SLF	23INR0080		CRANE	SOLAR	WEST	2023	-	-	
1293 SODA LAKE SOLAR 2	20INR0143		CRANE	SOLAR	WEST	2024	-	-	
1294 SP JAGUAR SOLAR	24INR0038		MCLENNAN	SOLAR	NORTH	2024	-	-	
1295 SPACE CITY SOLAR	21INR0341		WHARTON	SOLAR	SOUTH	2025	-	-	
1296 SPARTA SOLAR	22INR0352		BEE	SOLAR	SOUTH	2023	-	-	
1297 STAMPEDE SOLAR	22INR0409		HOPKINS	SOLAR	NORTH	2023	-	-	
1298 STARLING SOLAR	23INR0035		GONZALES	SOLAR	SOUTH	2024	-	-	
1299 STARR SOLAR RANCH	20INR0216		STARR	SOLAR	SOUTH	2024	-	-	
1300 SUNRAY	21INR0395		UVALDE	SOLAR	SOUTH	2024	-	-	
1301 TALITHA SOLAR	21INR0393		JIM WELLS	SOLAR	SOUTH	2024	-	-	
1302 TANGLEWOOD SOLAR	23INR0054		BRAZORIA	SOLAR	COASTAL	2025	-	-	
1303 TEXANA SOLAR	18INR0058		WHARTON	SOLAR	SOUTH	2024	-	-	
1304 TEXAS SOLAR NOVA	19INR0001		KENT	SOLAR	WEST	2023	-	-	
1305 TEXAS SOLAR NOVA 2	20INR0269		KENT	SOLAR	WEST	2023	-	-	
1306 TIERRA BONITA SOLAR	21INR0424		PECOS	SOLAR	WEST	2024	-	-	
1307 TRES BAHIAS SOLAR	20INR0266		CALHOUN	SOLAR	COASTAL	2023	-	-	
1308 TROJAN SOLAR	23INR0296		COOKE	SOLAR	NORTH	2024	-	-	
1309 TULSITA SOLAR	21INR0223		GOLIAD	SOLAR	SOUTH	2024	-	-	
1310 TYSON NICK SOLAR	20INR0222		LAMAR	SOLAR	NORTH	2024	-	-	
1311 ULYSSES SOLAR	21INR0253		COKE	SOLAR	WEST	2024	-	-	
1312 UMBRA (STOCKYARD) SOLAR	23INR0155		FRANKLIN	SOLAR	NORTH	2024	-	-	
1313 XE MURAT SOLAR	22INR0354		HARRIS	SOLAR	HOUSTON	2024	-	-	
1314 ZIER SOLAR	21INR0019		KINNEY	SOLAR	SOUTH	2023	-	-	
1315 Planned Capacity Total (Solar)							471.4	471.4	
1316 Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%				100.0	79.0	
1317									
1318 Planned Storage Resources with Executed SCIA									
1319 ADAMSTOWN STORAGE	21INR0209		WICHITA	STORAGE	WEST	2025	-	-	
1320 AEP_N_ALAMO_LD02(SMT ALAMO)	23INR0477		HIDALGO	STORAGE	SOUTH	2023	-	-	
1321 AL PASTOR BESS	24INR0273		DAWSON	STORAGE	WEST	2024	-	-	
1322 AMSTERDAM STORAGE	22INR0417		BRAZORIA	STORAGE	COASTAL	2024	-	-	
1323 ANEMOI ENERGY STORAGE	23INR0369		HIDALGO	STORAGE	SOUTH	2023	-	-	
1324 ARROYO STORAGE SLF	24INR0306		CAMERON	STORAGE	COASTAL	2024	-	-	
1325 BIG STAR STORAGE	21INR0469		BASTROP	STORAGE	SOUTH	2023	-	-	
1326 BOCO BESS	23INR0470		BORDEN	STORAGE	WEST	2024	-	-	
1327 BORDERTOWN BESS	23INR0354		STARR	STORAGE	SOUTH	2025	-	-	
1328 BRAZOS BEND BESS	23INR0363		FORT BEND	STORAGE	HOUSTON	2024	-	-	
1329 BRIGHT ARROW STORAGE	22INR0302		HOPKINS	STORAGE	NORTH	2023	-	-	
1330 BRP ANTIA BESS	22INR0349		VAL VERDE	STORAGE	WEST	2023	-	-	
1331 BRP AVILA BESS	23INR0287		PECOS	STORAGE	WEST	2024	-	-	
1332 BRP CACHI BESS	22INR0388		GUADALUPE	STORAGE	SOUTH	2024	-	-	
1333 BRP CARINA BESS	22INR0353		NUECES	STORAGE	COASTAL	2024	-	-	
1334 BRP DICKENS BESS	22INR0325		DICKENS	STORAGE	PANHANDLE	2023	-	-	
1335 BRP HYDRA BESS	22INR0372		PECOS	STORAGE	WEST	2023	-	-	
1336 BRP LIBRA BESS	22INR0366		GUADALUPE	STORAGE	SOUTH	2023	-	-	
1337 BRP PALEO BESS	22INR0322		HALE	STORAGE	PANHANDLE	2023	-	-	
1338 BRP PAVO BESS	22INR0384		PECOS	STORAGE	WEST	2023	-	-	
1339 BRP TORTOLAS BESS	23INR0072		BRAZORIA	STORAGE	COASTAL	2023	-	-	
1340 BRP ZEYA BESS	23INR0290		GALVESTON	STORAGE	HOUSTON	2024	-	-	
1341 CALLISTO I ENERGY CENTER	22INR0490		HARRIS	STORAGE	HOUSTON	2024	-	-	
1342 CITADEL BESS	24INR0147		HARRIS	STORAGE	HOUSTON	2024	-	-	
1343 CONNOLLY STORAGE	23INR0403		WISE	STORAGE	NORTH	2024	-	-	Yes
1344 CORAL STORAGE	23INR0124		FALLS	STORAGE	NORTH	2023	-	-	
1345 COTTONWOOD BAYOU STORAGE	21INR0443		BRAZORIA	STORAGE	COASTAL	2024	-	-	
1346 DAMON STORAGE	23INR0523		BRAZORIA	STORAGE	COASTAL	2023	-	-	
1347 DANISH FIELDS STORAGE	21INR0450		WHARTON	STORAGE	SOUTH	2023	-	-	
1348 DIBOLL BESS (DGR)	23INR0522		ANGELINA	STORAGE	NORTH	2023	-	-	
1349 EBONY ENERGY STORAGE	23INR0154		COMAL	STORAGE	SOUTH	2024	-	-	
1350 ELIZA STORAGE	22INR0260		KAUFMAN	STORAGE	NORTH	2024	-	-	
1351 ESTONIAN ENERGY STORAGE	22INR0336		DELTA	STORAGE	NORTH	2024	-	-	
1352 EVAL STORAGE	22INR0401		CAMERON	STORAGE	COASTAL	2024	-	-	
1353 FENCE POST BESS	22INR0405		NAVARRO	STORAGE	NORTH	2023	-	-	
1354 FERDINAND GRID BESS	22INR0422		BEXAR	STORAGE	SOUTH	2025	-	-	
1355 FIVE WELLS STORAGE	23INR0159		BELL	STORAGE	NORTH	2023	-	-	
1356 FORT DUNCAN BESS	23INR0350		MAVERICK	STORAGE	SOUTH	2025	-	-	Yes
1357 GIGA TEXAS ENERGY STORAGE	23INR0239		TRAVIS	STORAGE	SOUTH	2023	-	-	
1358 GREAT KISKADEE STORAGE	23INR0166		HIDALGO	STORAGE	SOUTH	2024	-	-	
1359 GREEN HOLLY STORAGE	21INR0029		DAWSON	STORAGE	WEST	2024	-	-	
1360 GRIZZLY RIDGE BESS (DGR)	22INR0596		HAMILTON	STORAGE	NORTH	2023	9.9	9.9	
1361 GUAJILLO ENERGY STORAGE	23INR0343		WEBB	STORAGE	SOUTH	2024	-	-	
1362 HOUSE MOUNTAIN 2 BATT	22INR0485		BREWSTER	STORAGE	WEST	2023	-	-	
1363 HUMMINGBIRD STORAGE	22INR0327		DENTON	STORAGE	NORTH	2023	-	-	
1364 INERTIA BESS	22INR0328		HASKELL	STORAGE	WEST	2023	-	-	
1365 INERTIA BESS 2	22INR0375		HASKELL	STORAGE	WEST	2025	-	-	
1366 IRON BELT ENERGY STORAGE	25INR0208		DAWSON	STORAGE	WEST	2025	-	-	
1367 JUNCTION BESS (DGR)	23INR0521		KIMBLE	STORAGE	SOUTH	2023	9.9	9.9	
1368 LARKSPUR ENERGY STORAGE	23INR0340		UPTON	STORAGE	WEST	2025	-	-	
1369 LIMOUSIN OAK STORAGE	22INR0338		GRIMES	STORAGE	NORTH	2023	-	-	
1370 MUSTANG CREEK STORAGE	21INR0484		JACKSON	STORAGE	SOUTH	2023	70.5	70.5	
1371 MYRTLE STORAGE	21INR0442		BRAZORIA	STORAGE	COASTAL	2023	-	-	
1372 NORIA STORAGE	23INR0062		NUECES	STORAGE	COASTAL	2024	-	-	
1373 ORIANA BESS	24INR0109		VICTORIA	STORAGE	SOUTH	2024	-	-	
1374 PADUA GRID BESS	22INR0368		BEXAR	STORAGE	SOUTH	2024	-	-	Yes
1375 PLATINUM STORAGE	22INR0554		FANNIN	STORAGE	NORTH	2024	-	-	
1376 RAMSEY STORAGE	21INR0505		WHARTON	STORAGE	SOUTH	2024	-	-	
1377 RED HOLLY STORAGE	21INR0033		DAWSON	STORAGE	WEST	2024	-	-	
1378 ROCINANTE BESS	23INR0232		GONZALES	STORAGE	SOUTH	2024	-	-	
1379 RODEO RANCH ENERGY STORAGE	23INR0371		REEVES	STORAGE	WEST	2023	-	-	
1380 RYAN ENERGY STORAGE	20INR0246		CORYELL						

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE YEAR	INSTALLED CAPACITY RATING	SUMMER CAPACITY (MW)	NEW PLANNED PROJECT ADDITIONS TO REPORT
1405 AGATE SOLAR	20INR0023		ELLIS	SOLAR	NORTH	2020	60.0	60.0	
1406 CHILLINGHAM SOLAR	23INR0070		BELL	SOLAR	NORTH	2023	-	-	
1407 CHILLINGHAM STORAGE	23INR0079		BELL	STORAGE	NORTH	2023	-	-	
1408 DONEGAL BESS	23INR0103		DICKENS	STORAGE	PANHANDLE	2024	-	-	
1409 HART WIND	16INR0033		CASTRO	WIND-P	PANHANDLE	2026	-	-	
1410 KONTIKI 1 WIND (ERIK)	19INR009a		GLASSCOCK	WIND-O	WEST	2023	250.1	250.1	
1411 KONTIKI 2 WIND (ERNEST)	19INR009b		GLASSCOCK	WIND-O	WEST	2023	250.1	250.1	
1412 MARIAH DEL ESTE	13INR0010a		PARMER	WIND-P	PANHANDLE	2020	152.5	152.5	
1413 NORTHDRAW WIND	13INR0025		RANDALL	WIND-P	PANHANDLE	2020	150.0	150.0	
1414 PARLIAMENT SOLAR	23INR0044		WALLER	SOLAR	HOUSTON	2024	-	-	
1415 PLEASANTON BESS (DGR)	23INR0520		ATASCOSA	STORAGE	SOUTH	2023	9.9	9.9	
1416 RUETER SOLAR	20INR0202		BOSQUE	SOLAR	NORTH	2025	-	-	
1417 SPINEL SOLAR	20INR0025		MEDINA	SOLAR	SOUTH	2024	-	-	
1418 Inactive Planned Capacity Total							872.6	872.6	
1419									
1420 Seasonal Mothballed Resources									
1421 MOUNTAIN CREEK STG 8 (AS OF 3/1/2023, AVAILABLE 6/1 THROUGH 9/30)	MCSES_UNIT8	DALLAS	GAS-ST	NORTH	1967	568.0	568.0		
1422 POWERLANE PLANT STG 1 (AS OF 10/1/2022, AVAILABLE 6/1 THROUGH 9/30)	STEAM1A_STEAM_1	HUNT	GAS-ST	NORTH	1966	18.8	17.5		
1423 SPENCER STG U4 (AS OF 10/24/2022, AVAILABLE 4/2 THROUGH 11/30)	SPNCER_SPNCE_4	DENTON	GAS-ST	NORTH	1966	61.0	57.0		
1424 SPENCER STG US (AS OF 10/24/2022, AVAILABLE 4/2 THROUGH 11/30)	SPNCER_SPNCE_5	DENTON	GAS-ST	NORTH	1973	65.0	61.0		
1425 Total Seasonal Mothballed Capacity							712.8	703.5	
1426									
1427 Mothballed Resources									
1428 RAY OLINGER STG 1 (AS OF 4/5/22)	OLINGR_OLING_1	COLLIN	GAS-ST	NORTH	1967	78.0	78.0		
1429 CALENERGY-FALCON SEABOARD STG 3 (AS OF 7/8/22, DUE TO FORCED OUTAGE)	FLCNS_UNIT3	HOWARD	GAS-CC	WEST	1988	62.0	62.0		
1430 Total Mothballed Capacity							140.0	140.0	
1431									
1432 Retiring Resources Unavailable to ERCOT (since last CDR/SARA)									
1433 J T DEELY U1 (INDEFINITE MOTHBALL AS OF 12/31/2018, RETIRING ON 7/7/23)	CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1977	415.0	420.0		
1434 J T DEELY U2 (INDEFINITE MOTHBALL AS OF 12/31/2018, RETIRING ON 7/7/23)	CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1978	415.0	420.0		
1435 Total Retiring Capacity							830.0	840.0	

Capacity changes due to planned repower/upgrade projects are reflected in the operational units' ratings upon receipt and ERCOT approval of updated resource registration system information. Interconnection requests for existing resources that involve MW capacity changes are indicated with a code in the "Generation Interconnection Project Code" column.

Although seasonal capacity ratings for battery energy storage systems are reported above, the ratings are not included in the operational/planned capacity formulae. These resources are assumed to provide Ancillary Services rather than sustained capacity available to meet system peak loads.

The capacities of planned projects that have been approved for Initial Synchronization at the time of report creation are assumed to be available for the season regardless of their projected Commercial Operations Dates.

Planned projects for which maximum seasonal sustained capacity have been provided are used in lieu of capacities entered into the online Resource Integration and Ongoing Operations - Interconnection Services (RIOO-IS) system.

Installed capacity ratings are based on the maximum power that a generating unit can produce during normal sustained operating conditions as specified by the equipment manufacturer. These ratings reflect the latest information in the Resource Integration and Ongoing Operations - Resources Services (RIOO-RS) system.

Seasonal Assessment of Resource Adequacy for the ERCOT Region
Summer 2023
Release Date: May 3, 2023

Planning Reserve Margins

	Summer
Peak Demand Forecast, MW	82,739
Rooftop PV Forecast Reduction, MW	(432)
Large Flexible Load Adjustment, MW	1,105
<hr/>	
Adjusted Peak Load Forecast, MW	83,412
Total Resources, MW	97,138
Emergency Resources Deployed by ERCOT, MW ¹	4,577
<hr/>	
Planning Reserve Margin ²	23.2%

Formula: PRM = (Total Resources / (Adjusted Peak Demand - Emergency Resources)) - 1, expressed as a percentage

¹ The derivation of the emergency resource amount is described in the Scenario Assumptions Details tab.

² The Planning Reserve Margin (PRM) is the forecasted capacity reserve that can cover higher-than-expected peak demand and lower-than-expected resource availability when looking at months or longer in the future. This is in contrast to operating reserve measures that focus on actual available capacity during real-time and hour-ahead operating periods. Consequently, the PRM is not an appropriate measure of capacity reserves when operations timeframes are being considered.

	Base & Moderate Risk Scenarios	Extreme Risk Scenarios
Adjusted Peak Load Forecast	<p>Based on average weather conditions from 2007 – 2021 at the time of the summer peak.</p> <p>These baseline forecasts are adjusted downwards to account for peak load reductions from rooftop solar installations that are not already accounted for in the baseline forecasts. The rooftop solar load reductions for the forecasted summer peak load hour (August 10, hour-ending 17 (5 pm) is 432 MW.</p>	
Load Adjustments	<p>Based on the 2011 weather conditions at the time of Summer season peak.</p> <p>These baseline forecasts are adjusted downwards to account for peak load reductions from rooftop solar installations that are not already accounted for in the baseline forecasts. The rooftop solar load reductions for the forecasted summer peak load hour (August 10, hour-ending 17 (5 pm) is 432 MW.</p>	<p>Assumed weather conditions 2% worse than occurred in 2011 at the time of Summer season peak.</p> <p>These baseline forecasts are adjusted downwards to account for peak load reductions from rooftop solar installations that are not already accounted for in the baseline forecasts. The rooftop solar load reductions for the forecasted summer peak load hour (August 10, hour-ending 17 (5 pm) is 432 MW.</p>
Typical Planned Outages, Thermal	<p>Based on the historical average of planned outages for July through August weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2020 -2022). Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.</p>	
Typical Unplanned Outages, Thermal	<p>Based on historical average of unplanned outages for June through September weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2020 - 2022). Outage history excludes units that are not expected to be in-service for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.</p>	
Unplanned Outage Adjustments, Thermal	<p>The High Unplanned Outage Adjustment is based on the 95th percentile of historical unplanned outages for June through September weekdays, hours ending 3 pm - 8 pm, for the last five summer seasons (2018 -2022); the adjustment is the 95th percentile value, 8,364 MW, less the typical unplanned outage amount of 4,975 MW.</p> <p>The outages for the High Unplanned Outage Adjustment include an incremental amount from Private Use Network (PUN) generators; specifically, the 95th percentile amount less the 50th percentile amount. See the Background tab for more information on the treatment of PUN capacity. Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.</p>	<p>Based on the maximum historical unplanned outage level for June through September weekdays, hours ending 3 pm - 8 pm, for the last five summer seasons (2018 -2022); the adjustment is 11,148 MW, less the typical unplanned outage amount of 4,975 MW.</p> <p>The outages for the Extreme Unplanned Outage Adjustment include an incremental amount from Private Use Network (PUN) generators; specifically, the 95th percentile amount less the 50th percentile amount. See the Background tab for more information on the treatment of PUN capacity. Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.</p>
Wind Output Adjustments	<p>The adjustment is based on the 10th percentile of hourly wind capacity for the daily period hour-ending 13 - 20 for the months of June through September. The capacity values are derived from annual hourly simulated wind output profiles for the period 1980 - 2021 inclusive. The profiles reflect hourly weather conditions for each of the 42 simulated weather years. A profile is developed for each current operational wind site as well as each planned wind site included in the 2023 Summer SARA. This low wind output level is 2,894 MW. The adjustment is the summer Peak Average Capacity Contribution, 10,427 MW, less 2,894 MW.</p> <p>The methodology report for profile development is available at: https://www.ercot.com/files/docs/2021/12/07/Report ERCOT_1980-2020_WindSolarDGPVGenProfiles.pdf</p>	<p>The adjustments are based on the minimum hourly wind capacity value for the daily period hour-ending 13 - 20 for the months of June through September. The capacity values are derived from annual hourly simulated wind output profiles for the period 1980 - 2021. The profiles reflect hourly weather conditions for each of the 42 simulated weather years. A profile is developed for each current operational wind site as well as each planned wind site included in the 2022 Summer SARA. This extreme low wind output level is 61 MW. The adjustment is the summer Peak Average Capacity Contribution, 10,427 MW less 61 MW.</p> <p>Note that a scenario with a combined extreme peak load and extreme-low renewables output is not provided because an extreme peak load is associated with high solar output due to minimal cloud cover serving as a driver for both system conditions.</p>
Solar Output Adjustments	<p>The adjustment is based on the 10th percentile of hourly solar capacity for the daily period hour-ending 13 - 18 for the months of June through August. (Note that September is excluded due to very low output beginning in mid-month and the extremely low likelihood of a summer peak load occurring that late in September.) The capacity values are derived from annual hourly simulated solar output profiles for the period 1980 - 2021 inclusive. The profiles reflect hourly weather conditions for each of the 42 simulated weather years. A profile is developed for each current operational solar site as well as each planned wind site included in the 2023 Summer SARA. This low solar output level is 9,263 MW. The adjustment is the summer Peak Average Capacity Contribution, 12,636 MW, less 9,263 MW.</p> <p>The methodology report for profile development is available at: https://www.ercot.com/files/docs/2021/12/07/Report ERCOT_1980-2020_WindSolarDGPVGenProfiles.pdf</p>	N/A
Emergency Resources Deployed by ERCOT prior to EEA Declaration	<p>An amount is only shown if Capacity Available for Operating Reserves, line item [g], is at or below 3,000 MW. Consists of the sum of (1) expected Emergency Response Service (873 MW), (2) TDSP Distribution Voltage Reduction (562 MW), and (3) the expected peak consumption by operational LFLs at co-located and standalone sites (488 MW and 837 MW respectively), which is assumed to be available for curtailment based on ERCOT requests to address an imminent capacity reserve shortage. The ERS and Distribution Voltage Reduction amounts reflect a 2% gross-up to account for avoided transmission losses. Other resources that may be available include voluntary customer Demand Response (including customer installation of backup generators), switchable generation resources currently serving the Eastern Interconnection, and additional DC tie imports subject to availability.</p>	
Emergency Resources Deployed by ERCOT	<p>An amount is only shown if Capacity Available for Operating Reserves, line item [g], is at or below 2,300 MW. Consists of the sum of expected Load Resources Available for Responsive Reserves for the summer season (1,438 MW), Load Resources Available for Non-Spinning Responsive Reserves for the summer season (49 MW), Emergency Response Service (873 MW), Transmission and Distribution Service Provider (TDSP) load management programs (330 MW) and TDSP Distribution Voltage Reduction (562 MW). Each of these amounts reflect a 2% gross-up to account for avoided transmission losses. Other resources that may be available include voluntary customer Demand Response (including customer installation of backup generators), switchable generation resources currently serving the Eastern Interconnection, and additional DC tie imports subject to availability.</p>	

Seasonal Assessment of Resource Adequacy for the ERCOT Region

Background

The Seasonal Assessment of Resource Adequacy (SARA) report is a deterministic approach to considering the impact of potential variables that may affect the sufficiency of installed resources to meet the peak electrical demand on the ERCOT System during a particular season.

The standard approach to assessing resource adequacy for one or more years into the future is to account for projected load and resources on a normalized basis and to require sufficient reserves (resources in excess of peak demand, on this normalized basis) to cover the uncertainty in peak demand and resource availability to meet a probabilistic reliability standard.

For seasonal assessments that look ahead less than a year, specific information may be available (for example, an anticipated common-mode event such as a system-wide heat wave) which can be used to consider the range of resource adequacy outcomes in a more deterministic manner.

The SARA report focuses on the availability of sufficient operating reserves to avoid emergency actions such as deployment of voluntary load reduction resources. It uses operating reserve thresholds of 2,300 and 1,000 MW, respectively, to indicate the risk that an Energy Emergency Alert Level 1 (EEA1) and Level 3 (EEA3) may be triggered during the time of the forecasted seasonal peak load. These threshold levels are intended to be roughly analogous to the 2,300 and 1,000 MW Physical Responsive Capability (PRC) thresholds for EEA1 and EEA3 with controlled outages ordered by ERCOT, respectively. However, PRC is a real-time capability measure for Resources that can quickly respond to system disturbances. In contrast, the SARA operating reserve reflects additional capability assumed to be available before energy emergency procedures are initiated, such as from Resources qualified to provide non-spinning reserves. Additionally, the amount of operating reserves available may increase relative to what is included in the SARA report due to the market responding to wholesale market price increases and anticipated capacity scarcity conditions. Given these considerations, ERCOT believes that the 2,300 and 1,000 MW reserve capacity thresholds are reasonable indicators for the risk of Energy Emergency Alerts given the uncertainties in predicting system conditions months in advance.

The SARA report is intended to illustrate the range of resource adequacy outcomes that might occur. It serves as a situational awareness tool for ERCOT operational planning purposes, and helps fulfill the "extreme weather" resource adequacy assessment requirement per Public Utility Commission of Texas rule 25.362(i)(2)(H). In addition to a base scenario, several other scenarios are developed by varying the value of load forecast and resource availability parameters. The variations in these parameters are based on historic ranges of the parameter values, known changes expected in the near-term, or reasonable assumptions regarding potential future events.

Thermal Outage Accounting

Directly comparing SARA thermal unplanned (previously "forced") outage scenario capacity with outage amounts listed in ERCOT outage reports — such as the Unplanned Resource Outages Report — will yield misleading results. The reason is that the SARA report consists of multiple resource availability line items, and thermal outages for certain resource types are reflected elsewhere in the SARA reports rather than the thermal outage scenario line items. As a result, the SARA thermal outage scenario amounts will always be less than what is typically shown in other outage reports. The main differences include the following:

- Outages for Private Use Network (PUN) generators are incorporated in the line item called "Capacity from Private Use Networks." This is an aggregate estimate of the amount of capacity available for the ERCOT grid during the highest 20 seasonal hourly demands for the last three years and incorporates average generator outage amounts over those hourly intervals. Additionally, the aggregate estimate reflects PUN owner decisions to supply power to their industrial loads versus export to the grid. PUN outages are thus already reflected in the SARA available resource capacity estimate.
- Extended outages are reported in the SARA Capacities tab in a line item called "Operational Capacity Unavailable due to Extended Outage or Derate." Extended Outages are those forced outages that are expected to last a minimum of 180 days as reported by the resource owner via submission of a Notice of Suspension of Operations (NSO) form. These outages are thus already reflected in the SARA available resource capacity estimate.
- The capacity of Switchable Generation Resources (SWGRs) that are assumed to serve a neighboring grid for the season is deducted from available resource capacity, so outages associated with these SWGRs are not reflected anywhere in the SARA report.

To more closely align the SARA with other outage reports based on ERCOT Outage Scheduler data, a modification was made to the treatment of outages classified as *Unavoidable Extensions*, or UEs. UEs are defined as "a Planned or Maintenance Outage that is not completed within the ERCOT-approved timeframe and extended." For past SARA reports, if the original outage was classified as Planned in the Outage Scheduler, then the UE would continue to be classified as Planned. If the original outage was classified as Forced, then the UE would continue to be classified as Forced. In contrast, for other ERCOT outage reports, UE outages are all classified as Forced (Unplanned). SARA reports now treat all UEs as Unplanned. While this category change does not impact the total base outage amount, it does increase the high and extreme unplanned thermal adjustments used in several risk scenarios.

Accounting for Large Flexible Loads

Due to a new influx of Large Flexible Loads (LFLs), an interim solution was implemented to better account for the peak consumption of these loads. The new interim methodology utilizes the 20 hours over each of the past three years with the lowest average Physical Responsive Capability. The methodology compares historical load zone prices to an ERCOT determined (and industry backed) estimate of the bitcoin mining breakeven cost. This breakeven cost was estimated at \$96/MWh and is based on the average economics of an Antminer S19 bitcoin mining rig from March 15th, 2023 through April 14th, 2023. If the historical load zone price for the LFL's respective load zone was below the breakeven threshold then the load's peak summer consumption was estimated to be the maximum observed consumption at the site according to internal tracking of LFL projects. If the historical load zone price was greater than the breakeven threshold then the LFL was assumed to be fully curtailed and consuming only 3% of the load's maximum capability. The 3% assumption accounts for the idle power draw of ASIC miners and necessary auxiliary cooling on site. The estimated consumption for each LFL, including both co-located and stand-alone loads, was summed for each of the 60 hours analyzed and then averaged to calculate the total estimated average consumption. This value was calculated to be 837 MW for stand-alone LFLs and 488 MW for co-located LFLs. This is reflected in item [c] as an adjustment to the baseline peak load forecast on the Base, Moderate & Extreme Risk Scenario tabs. The reported adjustment of 1,105 MW is the result of subtracting the 220 MW already allocated for peak LFL consumption in the baseline peak load forecast from the newly calculated average expected peak LFL consumption of 1,325 MW (837 MW + 488 MW). This adjustment reflects ERCOT's continuous effort to better understand and forecast the operations of Large Flexible Loads.