



**Report on the Capacity, Demand and Reserves  
(CDR) in the ERCOT Region, 2020-2029**

May 8, 2019

## Table of Contents

<b><u>Tab</u></b>	<b><u>Notes</u></b>
<a href="#"><u>Disclaimer</u></a>	Please read
<a href="#"><u>Changes from previous CDR</u></a>	List of significant changes relative to the last CDR, published December 2018
<a href="#"><u>Definitions</u></a>	List of definitions
<a href="#"><u>Executive Summary</u></a>	Synopsis of considerations for this report
<a href="#"><u>SummerSummary</u></a>	Shows load forecast, resource capacity and reserve margin for Summer 2020 through Summer 2024
<a href="#"><u>SummerCapacities</u></a>	List of registered resources and capabilities used in determining the capacity contribution for Summer Peak Season
<a href="#"><u>SummerFuelTypes</u></a>	Lists generation fuel types by MW and by percentage for Summer 2020 through Summer 2024
<a href="#"><u>WinterSummary</u></a>	Shows load forecast, resource capacity and reserve margin for Winter 2019/2020 through Winter 2023/2024
<a href="#"><u>WinterCapacities</u></a>	List of registered resources and capabilities used in determining the capacity contribution for Winter Peak Season
<a href="#"><u>WinterFuelTypes</u></a>	Lists generation fuel types by MW and by percentage for Winter 2019/2020 through Winter 2023/2024
<a href="#"><u>Supplemental</u></a>	Shows the capacity of proposed generation resources for the summer of each forecast year based on meeting various interconnection process milestones. Also shows the load forecast, resource capacity and reserve margin for both Summer and Winter seasons for the later half of the CDR forecast period.

## **Disclaimer**

### **CDR WORKING PAPER FOR PLANNING PURPOSES ONLY**

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## Notes on Changes Relative to the Last CDR, Published December 2018

1 The following Planned Resources have been moved to Operational Status since the release of the December 2018 CDR report:

Project Name	Unit Code	County	Fuel	Zone	Installed Capacity MW	Summer Capacity MW
TAHOKA WIND 1	TAHOKA_UNIT_1	LYNN	WIND	WEST	150.0	22.5
TAHOKA WIND 2	TAHOKA_UNIT_2	LYNN	WIND	WEST	150.0	22.5
STELLA WIND	STELLA_UNIT1	KENEDY	WIND-C	COASTAL	201.0	116.6
BNB LAMESA SOLAR (PHASE II)	LMESASLR_IVORY	DAWSON	SOLAR	WEST	50.0	37.0
WAYMARK SOLAR	WAYMARK_UNIT1	UPTON	SOLAR	WEST	182.0	134.7
<b>TOTAL</b>					<b>733.0</b>	<b>333.3</b>

2 The following Planned Resources have finalized the necessary agreements and permits to be added to the CDR report:

Project Name	GENERATION INTERCONNECTION PROJECT CODE	County	Fuel	Zone	Year of Projected Commercial Operations <sup>1/</sup>	Capacity MW	Summer Capacity MW
GRAPE CREEK WIND	19INR0156	COKE	WIND	WEST	2020	525.0	78.8
GRIFFIN TRAIL WIND	20INR0052	KNOX	WIND	WEST	2020	201.6	30.2
HIDALGO II WIND	19INR0053	HIDALGO	WIND	SOUTH	2019	51.0	7.7
LAS LOMAS WIND	16INR0111	STARR	WIND	SOUTH	2019	200.0	30.0
RELOJ DEL SOL WIND	17INR0025	ZAPATA	WIND	SOUTH	2020	202.0	30.3
WHITE MESA WIND	19INR0128	CROCKETT	WIND	WEST	2020	500.0	75.0
WHITEHORSE WIND	19INR0080	FISHER	WIND	WEST	2019	418.9	62.8
AGATE SOLAR	20INR0023	ELLIS	SOLAR	NORTH	2020	60.0	44.4
FOWLER RANCH	18INR0039	CRANE	SOLAR	WEST	2020	150.0	111.0
GARNET SOLAR	20INR0021	WILLIAMSON	SOLAR	SOUTH	2020	20.0	14.8
GREASEWOOD SOLAR	19INR0034	PECOS	SOLAR	WEST	2020	200.0	148.0
IP TITAN	20INR0032	CULBERSON	SOLAR	WEST	2021	272.0	201.3
JUNO SOLAR	21INR0026	BORDEN	SOLAR	WEST	2021	495.0	366.3
LAPETUS SOLAR 2	19INR0185	ANDREWS	SOLAR	WEST	2019	100.0	74.0
LILY SOLAR	19INR0044	KAUFMAN	SOLAR	NORTH	2020	150.0	111.0
MISAE SOLAR II	20INR0091	CHILDRESS	SOLAR	PANHANDLE	2020	517.3	382.8
MUSTANG CREEK SOLAR	18INR0050	JACKSON	SOLAR	SOUTH	2020	150.0	111.0
OXY SOLAR	19INR0184	ECTOR	SOLAR	WEST	2019	16.2	12.0
RAYOS DEL SOL	19INR0045	CAMERON	SOLAR	COASTAL	2020	150.0	111.0
SHAKES SOLAR	19INR0073	ZAVALA	SOLAR	SOUTH	2020	206.0	152.4
SPINEL SOLAR	20INR0025	MEDINA	SOLAR	SOUTH	2020	30.0	22.2
TAYGETE SOLAR	20INR0054	PECOS	SOLAR	WEST	2020	254.2	188.1
TAYGETE II SOLAR	21INR0233	PECOS	SOLAR	WEST	2021	256.3	189.7
JOHNSON CITY BESS		BLANCO	OTHER	SOUTH	2019	2.3	-
COMMERCE ST ESS		BEXAR	OTHER	SOUTH	2019	10.0	-
JUNO STORAGE	21INR0032	BORDEN	OTHER	WEST	2021	495.0	-
RABBIT HILL ENERGY STORAGE PROJECT		WILLIAMSON	OTHER	SOUTH	2019	9.9	-
<b>TOTAL</b>						<b>5,642.7</b>	<b>2,554.8</b>

<sup>1/</sup> This date is based on the projected Commercial Operations Date (COD) reported by the project developer. In contrast, a unit's first summer CDR forecast year (reported in the SummerCapacities sheet) is defined as the first year in which the capacity is available for the entire summer Peak Load Season. (The summer Peak Load Season constitutes the months of June, July, August and September.) For example, if a unit has a projected COD of July 1, 2020, the first summer CDR forecast year would be 2021.

3 The DC tie import forecast methodology changed due to NPRR 922. The new methodology uses import flows during the most recent Energy Emergency Alert (EEA) event for a given season. The old forecast method was based on the average net import flows seen in the top 20 load hours, by summer and winter season, for each of the previous three years.

4 GIBBONS CREEK U1 (470 MW) will enter 'indefinite mothball' status on 6/1/2019. The unit has been in 'seasonal mothball' status since 10/1/2018.

5 Five operational DG biomass units totaling 15.8 MW were removed from the report due to retirements between 2014 and 2016. ERCOT is now tracking retirements of Unregistered DG units for resource adequacy reporting.

## Definitions

### **Available Mothballed Capacity based on Owner's Return Probability**

Mothballed capacity with a return-to-service probability of 50% or greater for a given season of the year, as provided by its owner, constitutes available mothballed generation. Return probabilities for individual units are considered protected information under the ERCOT Protocols and therefore are not included in this report.

### **Emergency Response Service**

ERCOT uses the methodology specified in Protocol Section 3.2.6.2.1, Peak Load Estimate, to derive the ERS capacity forecast for future years. The Current Year for the calculations is defined as the latest year for which ERS has been procured. The ERS capacity amounts are grossed up by 2% to reflect avoided transmission line losses.

### **Energy Efficiency Program Savings Forecast**

ERCOT's energy efficiency forecast uses the PUCT's annual verified energy efficiency program savings estimates as the starting point. (See the definition for verified energy efficiency program savings below.) ERCOT computes the historical average annual verified savings, but excludes 2017 from the calculation due to Hurricane Harvey load impacts. (For prior forecasts, ERCOT used a formula based on the State energy efficiency goals in Utilities Code Section 39.905. Since the impacts of the goals were assumed to accumulate for just seven years from the time that the goals must be first met (2013), ERCOT no longer uses the goal-based forecasting approach.)

Finally, ERCOT incorporates annual energy efficiency estimates from municipal utilities and electric cooperatives provided to the State Energy Conservation Office (SECO). Annual SECO report submission by these entities is required under S.B. No. 924. If annual reports for the previous calendar year are not available at the time the CDR is prepared, ERCOT incorporates report data for the most recently available reporting year.

The energy efficiency capacity amounts are grossed up by a factor representing avoided transmission and distribution line losses. The factor is currently 1.076, reflecting 2% for avoided transmission losses and 5.6% for avoided distribution losses. The loss percentages are based on transmission and distribution loss factors posted to ERCOT's MIS website.

### **Mothballed Unit**

A generation resource for which a generation entity has submitted a Notification of Suspension of Operations, for which ERCOT has declined to execute an RMR agreement, and for which the generation entity has not announced retirement of the generation resource. A seasonal mothballed unit is one in which the generation entity requests a seasonal operation period that must include the summer Peak Load Season, June 1 through September 30.

### **Mothballed Capacity**

Capacity that is designated as mothballed by a generating unit's owner as described above, and which is not available for operations during the summer Peak Load Season (June, July, August and September) or winter Peak Load Season (December, January and February).

### **Forecast Zone**

Forecast Zones generally have the same boundaries as the 2003 Congestion Management Zones with the following exceptions: A) Panhandle Zone for resources in the Texas Panhandle counties and outside the 2003 Congestion Management Zones, and B) Coastal Zone for resources in 11 counties along the Texas Gulf Coast and formerly in the South Zone of the 2003 Congestion Management Zones.

### **Full Interconnection Study (FIS)**

The set of studies conducted by a Transmission Service Provider (TSP) for the purpose of identifying any electric system improvements or enhancements required to reliably interconnect a new All-Inclusive Generation Resource consistent with the provisions of Planning Guide Section 5, Generation Resource Interconnection or Change Request. These studies may include steady-state studies, system protection (short-circuit) studies, dynamic and transient stability studies, facility studies, and sub-synchronous oscillation studies.

### **LRs (Load Resources)**

Load capable of reducing or increasing the need for electrical energy or providing Ancillary Services to the ERCOT System, as described in the ERCOT Protocols, Section 6, Ancillary Services. These Resources may provide the following Ancillary Services: Responsive Reserve Service, Non-Spinning Reserve Service, Replacement Reserve Service, and Regulation Service. The Resources must be registered and qualified by ERCOT and will be scheduled by a Qualified Scheduling Entity (QSE). LR capacity has been grossed up by 2% to reflect avoided transmission line losses.

**Peak Load Seasons**

Summer months are June, July, August, and September; winter months are December, January, and February.

**Private Use Networks**

An electric network connected to the ERCOT transmission grid that contains load that is not directly metered by ERCOT (i.e., load that is typically netted with internal generation).

**Non-Synchronous Tie**

Any non-synchronous transmission interconnection between ERCOT and non-ERCOT electric power systems.

**Reliability Must-Run (RMR) Unit**

A generation resource unit operated under the terms of an agreement with ERCOT that would not otherwise be operated except that they are necessary to provide voltage support, stability or management of localized transmission constraints under first contingency criteria.

**Signed SGIA (Standard Generation Interconnection Agreement)**

An agreement that sets forth requirements for physical connection between an eligible transmission service customer and a transmission or distribution service provider.

**Switchable Unit**

A generation resource that can be connected to either the ERCOT transmission grid or a grid outside the ERCOT Region.

**Verified Energy Efficiency Program Savings**

The total megawatt (MW) amount of verified peak load capacity reductions due to residential and commercial sector energy efficiency incentive programs that are reported by electric utilities in the ERCOT Region to the Public Utility Commission of Texas. See Utilities Code Section 39.905.

**Wind Peak Average Capacity Contribution**

The seasonal net capacity rating of wind resources multiplied by the Seasonal Peak Average Capacity Percentage for non-coastal and coastal regions.

**Wind Seasonal Peak Average Capacity Percentage**

The average wind capacity available for the summer and winter Peak Load Seasons for a region (non-coastal / coastal) divided by the installed capacity for the region, expressed as a percentage. Details for the derivation of the percentages are outlined in ERCOT Protocol Section 3.2.6.2.2 (see [http://www.ercot.com/content/wcm/current\\_guides/53528/03-040517\\_Nodal.doc](http://www.ercot.com/content/wcm/current_guides/53528/03-040517_Nodal.doc)).

**Wind Regions**

The coastal wind region comprises the following 11 Texas counties along the southern Gulf Coast: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Refugio, Aransas, Calhoun, Matagorda, and Brazoria. The non-coastal region consists of all other counties in the ERCOT Region.

## CDR Report - Executive Summary

The ERCOT region continues to experience above-normal growth in electric demand, with the system-wide growth rate expected to be 2.5 to 3% through 2022. Electric demand growth remains especially strong in far West Texas due to oil and gas development and along the coast where new industrial facilities are being constructed

The updated CDR report calculates higher planning reserve margins between 2020 and 2023, primarily due to an increased number of potential wind and solar projects that are currently in the interconnection queue and eligible to be included in the CDR.

Since the December 2018 CDR, approximately 733 MW of installed wind and solar capacity has been approved by ERCOT for commercial operations, with summer peak capacity contributions of 333 MW. Twenty-two Distributed Generation solar units totaling 143 MW were also added to the report and have a combined capacity contribution of 106 MW.

Planned resources that became newly eligible for inclusion in this CDR report total 5,643 MW of installed capacity by 2023, including 517 MW of battery storage.



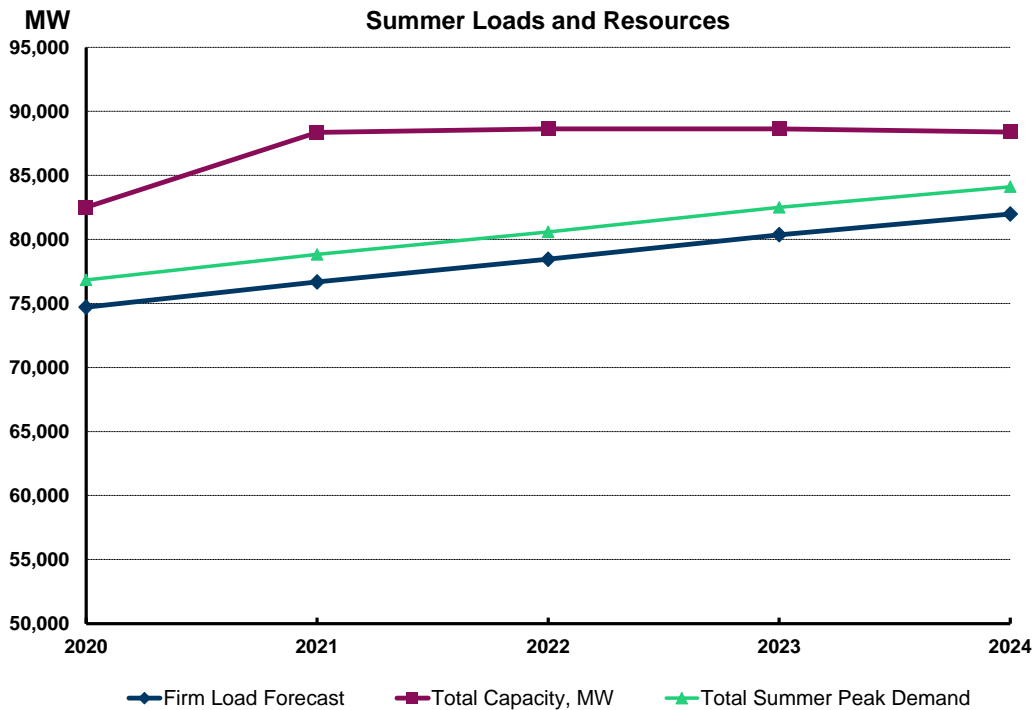
## Report on the Capacity, Demand and Reserves in the ERCOT Region

### Summer Summary: 2020-2024

Load Forecast, MW:	2020	2021	2022	2023	2024
Summer Peak Demand (based on normal weather)	76,845	78,824	80,590	82,506	84,121
plus: Energy Efficiency Program Savings Forecast	1,764	2,065	2,285	2,592	2,821
Total Summer Peak Demand (before Reductions from Energy Efficiency Programs)	78,609	80,888	82,875	85,098	86,943
less: Load Resources providing Responsive Reserves	-1,173	-1,173	-1,173	-1,173	-1,173
less: Load Resources providing Non-Spinning Reserves	0	0	0	0	0
less: Emergency Response Service (10- and 30-min ramp products)	-749	-749	-749	-749	-749
less: TDSP Standard Offer Load Management Programs	-219	-219	-219	-219	-219
less: Energy Efficiency Program Savings Forecast	-1,764	-2,065	-2,285	-2,592	-2,821
<b>Firm Peak Load, MW</b>	<b>74,705</b>	<b>76,683</b>	<b>78,449</b>	<b>80,365</b>	<b>81,981</b>

Resources, MW:	2020	2021	2022	2023	2024
Installed Capacity, Thermal/Hydro	65,207	65,284	65,284	65,284	65,284
Switchable Generation Resource Capacity, MW	3,514	3,514	3,514	3,514	3,514
less: Switchable Capacity Unavailable to ERCOT, MW	-842	-542	-542	-542	-542
Available Mothballed Capacity, MW	118	118	0	0	0
Capacity from Private Use Networks	3,478	3,398	3,378	3,378	3,123
Non-Coastal Wind, Peak Average Capacity Contribution (15% of installed capacity)	2,884	2,887	2,887	2,887	2,887
Coastal Wind, Peak Average Capacity Contribution (58% of installed capacity)	1,636	1,636	1,636	1,636	1,636
Solar Utility-Scale, Peak Average Capacity Contribution (74% of installed capacity)	1,377	1,377	1,377	1,377	1,377
Storage, Peak Average Capacity Contribution (0% of installed capacity)	0	0	0	0	0
RMR Capacity to be under Contract	0	0	0	0	0
Capacity Pending Retirement, MW	0	0	0	0	0
<b>Operational Generation Capacity, MW</b>	<b>77,371</b>	<b>77,671</b>	<b>77,533</b>	<b>77,533</b>	<b>77,278</b>
Non-Synchronous Ties, Capacity Contribution (75% of installed capacity)	938	938	938	938	938
Planned Thermal Resources with Signed IA, Air Permits and Water Rights, MW	301	2,012	2,012	2,012	2,012
Planned Non-Coastal Wind with Signed IA, Peak Average Capacity Contribution (15% of installed capacity)	937	1,731	1,814	1,814	1,814
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution (58% of installed capacity)	703	1,079	1,079	1,079	1,079
Planned Solar Utility-Scale, Peak Average Capacity Contribution (74% of installed capacity)	2,271	4,928	5,267	5,267	5,267
Planned Storage, Peak Average Capacity Contribution (0% of installed capacity)	0	0	0	0	0
<b>Total Capacity, MW</b>	<b>82,521</b>	<b>88,359</b>	<b>88,644</b>	<b>88,644</b>	<b>88,389</b>

Reserve Margin (Total Resources - Firm Load Forecast) / Firm Load Forecast	2020	2021	2022	2023	2024
	10.5%	15.2%	13.0%	10.3%	7.8%





# Unit Capacities - Summer

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
86 FORNEY ENERGY CENTER STG 20		FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	406.0	406.0	406.0	406.0	406.0	406.0	406.0	406.0	406.0	406.0
87 FREESTONE ENERGY CENTER CTG 1		FREC_GT1	FREESTONE	GAS	NORTH	2002	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0
88 FREESTONE ENERGY CENTER CTG 2		FREC_GT2	FREESTONE	GAS	NORTH	2002	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0
89 FREESTONE ENERGY CENTER STG 3		FREC_ST3	FREESTONE	GAS	NORTH	2002	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
90 FREESTONE ENERGY CENTER CTG 4		FREC_GT4	FREESTONE	GAS	NORTH	2002	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0
91 FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS	NORTH	2002	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0
92 FREESTONE ENERGY CENTER STG 6		FREC_ST6	FREESTONE	GAS	NORTH	2002	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0
93 GREGORY POWER PARTNERS GT1		LGE_LGE_GT1	SAN PATRICIO	GAS	COASTAL	2000	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0
94 GREGORY POWER PARTNERS GT2		LGE_LGE_GT2	SAN PATRICIO	GAS	COASTAL	2000	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0
95 GREGORY POWER PARTNERS STG		LGE_LGE_STG	SAN PATRICIO	GAS	COASTAL	2000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
96 GUADALUPE ENERGY CENTER CTG 1		GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0
97 GUADALUPE ENERGY CENTER CTG 2		GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0
98 GUADALUPE ENERGY CENTER CTG 3		GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0
99 GUADALUPE ENERGY CENTER CTG 4		GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0
100 GUADALUPE ENERGY CENTER STG 5		GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0
101 GUADALUPE ENERGY CENTER STG 6		GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0
102 HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0
103 HAYS ENERGY FACILITY CSG 2		HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0
104 HAYS ENERGY FACILITY CSG 3		HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0
105 HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0
106 HIDALGO ENERGY CENTER CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0
107 HIDALGO ENERGY CENTER CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0
108 HIDALGO ENERGY CENTER STG		DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0
109 JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS	NORTH	2006	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0
110 JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS	NORTH	2006	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0
111 JACK COUNTY GEN FACILITY STG 1		JACKCNTY_STG	JACK	GAS	NORTH	2006	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0
112 JACK COUNTY GEN FACILITY CTG 3		JCKCNTY2_CT3	JACK	GAS	NORTH	2011	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
113 JACK COUNTY GEN FACILITY CTG 4		JCKCNTY2_CT4	JACK	GAS	NORTH	2011	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
114 JACK COUNTY GEN FACILITY STG 2		JCKCNTY2_ST2	JACK	GAS	NORTH	2011	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0	295.0
115 JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1997	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0	163.0
116 JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
117 LAMAR ENERGY CENTER CTG 11		LPCCS_CT11	LAMAR	GAS	NORTH	2000	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
118 LAMAR ENERGY CENTER CTG 12		LPCCS_CT12	LAMAR	GAS	NORTH	2000	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0
119 LAMAR ENERGY CENTER CTG 21		LPCCS_CT21	LAMAR	GAS	NORTH	2000	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0
120 LAMAR ENERGY CENTER CTG 22		LPCCS_CT22	LAMAR	GAS	NORTH	2000	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
121 LAMAR ENERGY CENTER STG 1		LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0
122 LAMAR ENERGY CENTER STG 2		LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0
123 LOST PINES POWER CTG 1		LOSTPI_LOSTPGT1	BASTROP	GAS	SOUTH	2001	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
124 LOST PINES POWER CTG 2		LOSTPI_LOSTPGT2	BASTROP	GAS	SOUTH	2001	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
125 LOST PINES POWER STG		LOSTPI_LOSTPST1	BASTROP	GAS	SOUTH	2001	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0
126 MAGIC VALLEY STATION CTG 1		NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0
127 MAGIC VALLEY STATION CTG 2		NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0
128 MAGIC VALLEY STATION STG		NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0
129 MIDLOTHIAN ENERGY FACILITY CS 1		MDANP_CT1	ELLIS	GAS	NORTH	2001	229.0	229.0	229.0	229.0	229.0	229.0	229.0	229.0	229.0	229.0
130 MIDLOTHIAN ENERGY FACILITY CS 2		MDANP_CT2	ELLIS	GAS	NORTH	2001	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0
131 MIDLOTHIAN ENERGY FACILITY CS 3		MDANP_CT3	ELLIS	GAS	NORTH	2001	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0
132 MIDLOTHIAN ENERGY FACILITY CS 4		MDANP_CT4	ELLIS	GAS	NORTH	2001	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0	227.0
133 MIDLOTHIAN ENERGY FACILITY CS 5		MDANP_CT5	ELLIS	GAS	NORTH	2002	241.0	241.0	241.0	241.0	241.0	241.0	241.0	241.0	241.0	241.0
134 MIDLOTHIAN ENERGY FACILITY CS 6		MDANP_CT6	ELLIS	GAS	NORTH	2002	243.0	243.0	243.0	243.0	243.0	243.0	243.0	243.0	243.0	243.0
135 NUECES BAY REPOWER CTG 8		NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0
136 NUECES BAY REPOWER CTG 9		NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0
137 NUECES BAY REPOWER STG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	319.0	319.0	319.0	319.0	319.0	319.0	319.0	319.0	319.0	319.0
138 ODESSA-ECTOR POWER CTG 11		OEECS_CT11	ECTOR	GAS	WEST	2001	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0
139 ODESSA-ECTOR POWER CTG 12		OEECS_CT12	ECTOR	GAS	WEST	2001	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0
140 ODESSA-ECTOR POWER CTG 21		OEECS_CT21	ECTOR	GAS	WEST	2001	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3	145.3
141 ODESSA-ECTOR POWER CTG 22		OEECS_CT22	ECTOR	GAS	WEST	2001	143.7	143.7	143.7	143.7	143.7	143.7	143.7	143.7	143.7	143.7
142 ODESSA-ECTOR POWER STG 1		OEECS_UNIT1	ECTOR	GAS	WEST	2001	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9
143 ODESSA-ECTOR POWER STG 2		OEECS_UNIT2	ECTOR	GAS	WEST	2001	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9	204.9
144 PANDA SHERMAN POWER CTG1		PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0
145 PANDA SHERMAN POWER CTG2		PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
146 PANDA SHERMAN POWER STG		PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	326.0	326.0	326.0	326.0	326.0	326.0	326.0	326.0	326.0	326.0
147 PANDA TEMPLE I POWER CTG1		PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
148 PANDA TEMPLE I POWER CTG2		PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
149 PANDA TEMPLE I POWER STG		PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	312.0	312.0	312.0	312.0	312.0	312.0	312.0	312.0	312.0	312.0
150 PANDA TEMPLE II POWER CTG1		PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	191.2	191.2	191.2	191.2	191.2	191.2	191.2	191.2	191.2	191.2
151 PANDA TEMPLE II POWER CTG2		PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	191.2	191.2	191.2	191.2	191.2	191.2	191.2	191.2	191.2	191.2
152 PANDA TEMPLE II POWER STG		PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	334.7	334.7	334.7	334.7	334.7	334.7	334.7	334.7	334.7	334.7
153 PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
154 PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
155 PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
156 PASADENA COGEN FACILITY CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0
157 PASADENA COGEN FACILITY CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0
158 PASADENA COGEN FACILITY STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0
159 QUAIL RUN ENERGY CTG 1		QALSW_GT1	ECTOR	GAS	WEST	2007	74.0	74.0	74.0							





## Unit Capacities - Summer

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
335 SIM GIDEON STG U2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
336 SIM GIDEON STG U3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	336.0	336.0	336.0	336.0	336.0	336.0	336.0	336.0	336.0	336.0
337 STRYKER CREEK STG U1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0
338 STRYKER CREEK STG U2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0	502.0	502.0	502.0	502.0	502.0	502.0	502.0	502.0	502.0
339 TRINIDAD STG U6		TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0
340 V H BRAUNIG STG U1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0
341 V H BRAUNIG STG U2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0
342 V H BRAUNIG STG U3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0
343 W A PARISH STG U1		WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
344 W A PARISH STG U2		WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
345 W A PARISH STG U3		WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0
346 W A PARISH STG U4		WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
347 NACOGDOCHES POWER		NACOPW_UNIT1	NACOGDOCHES	BIOMASS	NORTH	2012	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
348 BIOENERGY AUSTIN WALZEM RD LFG		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
349 BIOENERGY TEXAS COVEL GARDENS LFG		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
350 GRAND PRAIRIE LFG		DG_TRIRA_1UNIT	DALLAS	BIOMASS	NORTH	2015	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
351 NELSON GARDENS LFG		DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
352 SKYLINE LFG		DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
353 VIRIDIS ENERGY-ALVIN LFG		DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
354 VIRIDIS ENERGY-HUMBLE LFG		DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
355 WM RENEWABLE-AUSTIN LFG		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
356 WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
357 WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
358 WM RENEWABLE-MESQUITE CREEK LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
359 WM RENEWABLE-WESTSIDE LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
360 FARMERS BRANCH LANDFILL GAS TO ENERGY		DG_HBR_2UNITS	DENTON	BIOMASS	NORTH	2011	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
361 <b>Operational Capacity Total (Nuclear, Coal, Gas, Biomass)</b>							<b>64,743.1</b>	<b>64,820.1</b>	<b>64,820.1</b>	<b>64,820.1</b>	<b>64,820.1</b>	<b>64,820.1</b>	<b>64,820.1</b>	<b>64,820.1</b>	<b>64,820.1</b>	<b>64,820.1</b>
362																
363 <b>Operational Resources (Hydro)</b>																
364 AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
365 AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
366 AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
367 AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
368 BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
369 BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
370 BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
371 DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
372 DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
373 FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
374 FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
375 FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
376 GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
377 GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
378 INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
379 MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
380 MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
381 MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
382 MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
383 MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
384 WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
385 WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
386 ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
387 CITY OF GONZALES HYDRO		DG_GONZ_HYDRO_GONZ_1	GONZALES	HYDRO	SOUTH	1986	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
388 EAGLE PASS HYDRO		DG_EAGLE_HY_EAGLE_HY_1	MAVERICK	HYDRO	SOUTH	2005	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
389 GUADALUPE BLANCO RIVER AUTH-CANYON		DG_CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
390 GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKVDY_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
391 GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
392 GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_3UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
393 LEWISVILLE HYDRO-CITY OF GARLAND		DG_LWSVLV_1UNIT	DENTON	HYDRO	NORTH	1991	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
394 <b>Operational Capacity Total (Hydro)</b>							<b>556.6</b>	<b>556.6</b>	<b>556.6</b>	<b>556.6</b>	<b>556.6</b>	<b>556.6</b>	<b>556.6</b>	<b>556.6</b>	<b>556.6</b>	<b>556.6</b>
395 Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					463.5	463.5	463.5	463.5	463.5	463.5	463.5	463.5	463.5	463.5
396																
397 Operational Capacity Unavailable due to Extended Outage or Derate		OPERATION_UNAVAIL					-	-	-	-	-	-	-	-	-	-
398 Operational Capacity Total (Including Hydro)		OPERATION_TOTAL					65,206.6	65,283.6	65,283.6	65,283.6	65,283.6	65,283.6	65,283.6	65,283.6	65,283.6	65,283.6
399																
400 <b>Operational Resources (Switchable)</b>																
401 ANTELOPE IC 1		AEEC_ANTLP_1	HALE	GAS	PANHANDLE	2016	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
402 ANTELOPE IC 2		AEEC_ANTLP_2	HALE	GAS	PANHANDLE	2016	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
403 ANTELOPE IC 3		AEEC_ANTLP_3	HALE	GAS	PANHANDLE	2016	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
404 ELK STATION CTG 1		AEEC_ELK_1	HALE	GAS	PANHANDLE	2016	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0
405 ELK STATION CTG 2		AEEC_ELK_2	HALE	GAS	PANHANDLE	2016	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0
406 TENASKA KIAMICHI STATION 1CT101		KMCHI_1CT101	FANNIN	GAS	NORTH	2003	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
407 TENASKA KIAMICHI STATION 1CT201		KMCHI_1CT201	FANNIN	GAS	NORTH	2003	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0
408 TENASKA KIAMICHI STATION 1ST		KMCHI_1ST	FANNIN	GAS	NORTH	2003	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0
409 TENASKA KIAMICHI STATION 2CT101		KMCHI_2CT101	FANNIN	GAS	NORTH	2003	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
410 TENASKA KIAMICHI STATION 2CT201		KMCHI_2CT201	FANNIN	GAS	NORTH	2003	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0
411 TENASKA KIAMICHI STATION 2ST		KMCHI_2ST	FANNIN	GAS	NORTH	2003	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0
412 TENASKA FRONTIER STATION CTG 1		FTR_FTR_G1	GRIMES	GAS	NORTH	2000	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
413 TENASKA FRONTIER STATION CTG 2		FTR_FTR_G2	GRIMES	GAS	NORTH	2000	160.0	160.0	160.0	16						









# Unit Capacities - Summer

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
584 SWEETWATER WIND 2A		SWEETWN2_WND24	NOLAN	WIND	WEST	2006	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
585 SWEETWATER WIND 2B		SWEETWN2_WND2	NOLAN	WIND	WEST	2004	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
586 SWEETWATER WIND 3A		SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
587 SWEETWATER WIND 3B		SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
588 SWEETWATER WIND 4-5		SWEETWN4_WND5	NOLAN	WIND	WEST	2007	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
589 SWEETWATER WIND 4-4B		SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0
590 SWEETWATER WIND 4-4A		SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
591 TAHOKA WIND 1		TAHOKA_UNIT_1	LYNN	WIND	WEST	2019	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
592 TAHOKA WIND 2		TAHOKA_UNIT_2	LYNN	WIND	WEST	2019	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
593 TEXAS BIG SPRING WIND a		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
594 TEXAS BIG SPRING WIND b		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
595 TRENT WIND		TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
596 TRINITY HILLS WIND 1	201NR0019	TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	117.5	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0
597 TRINITY HILLS WIND 2	201NR0019	TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	107.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
598 TURKEY TRACK WIND		TTWEC_G1	NOLAN	WIND	WEST	2008	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5
599 TYLER BLUFF WIND		TYLRWIND_UNIT1	COOKE	WIND	NORTH	2017	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6
600 WAKE WIND 1		WAKEWE_G1	DICKENS	WIND	PANHANDLE	2016	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9
601 WAKE WIND 2		WAKEWE_G2	DICKENS	WIND	PANHANDLE	2016	142.3	142.3	142.3	142.3	142.3	142.3	142.3	142.3	142.3	142.3
602 WEST TEXAS WIND		SW_MESA_SW_MESA	UPTON	WIND	WEST	1999	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
603 WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
604 WHITTAIL WIND		EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
605 WINDTHORST 2 WIND		WINDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
606 WKN MOZART WIND		MOZART_WIND_1	KENT	WIND	WEST	2012	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
607 WILLOW SPRINGS WIND A		SALVTION_UNIT1	HASKELL	WIND	WEST	2017	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
608 WILLOW SPRINGS WIND B		SALVTION_UNIT2	HASKELL	WIND	WEST	2017	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
609 WOLF RIDGE WIND		WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
610 TSTC WEST TEXAS WIND		DG_ROSC2_UNIT1	NOLLAN	WIND	WEST	2008	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
611 WOLF FLATS WIND (WIND MGT)		DOG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
612 Operational Wind Capacity Sub-total (Non-Coastal Counties)							<b>19,226.5</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>
613 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PEAK_PCT_NC	%				15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
614																
615 BAFFIN WIND UNIT1		BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
616 BAFFIN WIND UNIT2		BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0
617 BRUENNING'S BREEZE A		BBREEZE_UNIT1	WILLACY	WIND-C	COASTAL	2017	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
618 BRUENNING'S BREEZE B		BBREEZE_UNIT2	WILLACY	WIND-C	COASTAL	2017	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
619 CAMERON COUNTY WIND		CAMRON_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0
620 CHAPMAN RANCH WIND IA (SANTA CRUZ)		SANTACRU_UNIT1	NUECES	WIND-C	COASTAL	2017	150.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6
621 CHAPMAN RANCH WIND IB (SANTA CRUZ)		SANTACRU_UNIT2	NUECES	WIND-C	COASTAL	2017	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
622 GULF WIND I		TGW_T1	KENEDY	WIND-C	COASTAL	2010	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6
623 GULF WIND II		TGW_T2	KENEDY	WIND-C	COASTAL	2010	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6
624 LOS VIENTOS WIND I		LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1
625 LOS VIENTOS WIND II		LV1_LV1B	WILLACY	WIND-C	COASTAL	2013	201.6	201.6	201.6	201.6	201.6	201.6	201.6	201.6	201.6	201.6
626 MAGIC VALLEY WIND (REDFISH) 1A		REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
627 MAGIC VALLEY WIND (REDFISH) 1B		REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5
628 PAPALOTE CREEK WIND		PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9
629 PAPALOTE CREEK WIND II		COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1
630 PENASCAL WIND 1		PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8
631 PENASCAL WIND 2		PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6
632 PENASCAL WIND 3		PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
633 SAN ROMAN WIND		SANROMAN_WIND_1	CAMERON	WIND-C	COASTAL	2017	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
634 STELLA WIND		STELLA_UNIT1	KENEDY	WIND-C	COASTAL	2018	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0
635 HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
636 Operational Wind Capacity Sub-total (Coastal Counties)							<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>	<b>2,820.6</b>
637 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
638																
639 Operational Wind Capacity Total (All Counties)		WIND_OPERATIONAL					22,047.1	22,066.3	22,066.3	22,066.3	22,066.3	22,066.3	22,066.3	22,066.3	22,066.3	22,066.3
640																
641 Operational Resources (Solar)																
642 ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
643 BHE SOLAR PEARL PROJECT (SIRIUS 2)		SIRIUS_UNIT2	PECOS	SOLAR	WEST	2017	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
644 BNB LAMESA SOLAR (PHASE I)		LMESASLR_UNIT1	DAWSON	SOLAR	WEST	2018	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6
645 BNB LAMESA SOLAR (PHASE II)		LMESASLR_IVORY	DAWSON	SOLAR	WEST	2018	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
646 CASTLE GAP SOLAR		CASL_GAP_UNIT1	UPTON	SOLAR	WEST	2018	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
647 FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2015	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
648 FS EAST PECOS SOLAR		BOOTLEG_UNIT1	PECOS	SOLAR	WEST	2017	121.1	121.1	121.1	121.1	121.1	121.1	121.1	121.1	121.1	121.1
649 OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
650 OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
651 OCI ALAMO 5 (DOWNE RANCH)		HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	2015	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
652 OCI ALAMO 6 (SIRIUS/WEST TEXAS)		SIRIUS_UNIT1	PECOS	SOLAR	WEST	2017	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
653 OCI ALAMO 7 (PAINT CREEK)		SOLARA_UNIT1	HASKELL	SOLAR	WEST	2016	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4
654 RE ROSEROCK SOLAR 1		REROCK_UNIT1	PECOS	SOLAR	WEST	2016	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
655 RE ROSEROCK SOLAR 2		REROCK_UNIT2	PECOS	SOLAR	WEST	2016	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
656 RIGGINS (SE BUCKTHORN WESTEX SOLAR)		RIGGINS_UNIT1	PECOS	SOLAR	WEST	2018	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
657 SOLAIREHOLMAN 1		LASSO_UNIT1	BREWSTER	SOLAR	WEST	2018	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
658 SP-TX-12-PHASE B		SPTX12B_UNIT1	UPTON	SOLAR	WEST	2017	157.5	157.5	157.5	157.5	157.5	157.5	157.5	157.5	157.5	157.5
659 WAYMARK SOLAR		WAYMARK_UNIT1	UPTON	SOLAR	WEST	2018	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0
660 WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7	26.								

# Unit Capacities - Summer

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
667 BRONSON SOLAR I		DG_BRNSN_BRNSN	FORT BEND	SOLAR	HOUSTON	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
668 BRONSON SOLAR II		DG_BRNSN2_BRNSN2	FORT BEND	SOLAR	HOUSTON	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
669 CASCADE SOLAR I		DG_CASCADE_CASCADE	WHARTON	SOLAR	SOUTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
670 CASCADE SOLAR II		DG_CASCADE2_CASCADE2	WHARTON	SOLAR	SOUTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
671 CHISUM SOLAR		DG_CHISUM_CHISUM	LAMAR	SOLAR	NORTH	2018	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
672 EDDY SOLAR II		DG_EDDY_EDDYII	MCLENNAN	SOLAR	NORTH	2018	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
673 FIFTH GENERATION SOLAR 1		DG_FG5OLAR1	TRAVIS	SOLAR	SOUTH	2016	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
674 HIGHWAY 56		DG_HWY56_HWY56	GRAYSON	SOLAR	NORTH	2017	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
675 HM SEALY SOLAR 1		DG_SEALY_1UNIT	AUSTIN	SOLAR	SOUTH	2015	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
676 LEON		DG_LEON_LEON	HUNT	SOLAR	NORTH	2017	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
677 MARLIN		DG_MARLIN_MARLIN	FALLS	SOLAR	NORTH	2017	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
678 MARS SOLAR (DG)		DG_MARS_MARS	WEBB	SOLAR	SOUTH	2019	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
679 NORTH GAINESVILLE		DG_NGNSVL_NGAINESV	COOKE	SOLAR	NORTH	2017	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
680 OCI ALAMO 2 SOLAR-ST. HEDWIG		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
681 OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
682 POWERFIN KINGSBERY		DG_PFK_PFKPV	TRAVIS	SOLAR	SOUTH	2017	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
683 RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSERVSS_CCS1	DENTON	SOLAR	NORTH	2015	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
684 STERLING		DG_STRLING_STRLING	HUNT	SOLAR	NORTH	2018	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
685 SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
686 SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
687 SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
688 SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
689 WALNUT SPRINGS		DG_WLNTSPRG_1UNIT	BOSQUE	SOLAR	NORTH	2016	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
690 WEST MOORE II		DG_WM00REII_WM00REII	GRAYSON	SOLAR	NORTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
691 WHITESBORO		DG_WBORO_WHITESBORO	GRAYSON	SOLAR	NORTH	2017	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
692 WHITESBORO II		DG_WBOROII_WHBOROII	GRAYSON	SOLAR	NORTH	2017	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
693 WHITEWRIGHT		DG_WHTRT_WHTRGHT	FANNIN	SOLAR	NORTH	2017	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
694 WHITNEY SOLAR		DG_WHITNEY_SOLAR1	BOSQUE	SOLAR	NORTH	2017	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
695 YELLOW JACKET SOLAR		DG_YLWJACKET_YLWJACK	BOSQUE	SOLAR	NORTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
696 <b>Operational Capacity Total (Solar)</b>							<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>
697 Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
698																
699 <b>Operational Resources (Storage)</b>																
700 BLUE SUMMIT BATTERY		BLSUMMIT_BATTERY	WILBARGER	STORAGE	WEST	2017	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
701 INADALE ESS		INDL_ESS	NOLAN	STORAGE	WEST	2018	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
702 NOTREES BATTERY FACILITY		NWF_NBS	WINKLER	STORAGE	WEST	2013	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
703 PYRON ESS		PYR_ESS	SCURRY	STORAGE	WEST	2018	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
704 OCI ALAMO 1		DG_OCI_ALM1_ASTRO1	BEXAR	STORAGE	SOUTH	2016	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
705 TOS BATTERY STORAGE		DG_TOSBATT_UNIT1	MIDLAND	STORAGE	WEST	2017	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
706 <b>Operational Capacity Total (Storage)</b>							<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>
707 Storage Peak Average Capacity Percentage		STORAGE_PEAK_PCT	%				-	-	-	-	-	-	-	-	-	-
708																
709 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT					-	-	-	-	-	-	-	-	-	-
710																
711 Capacity Pending Retirement		PENDRETIRE_CAP					-	-	-	-	-	-	-	-	-	-
712																
713 <b>Non-Synchronous Tie Resources</b>																
714 EAST TIE		DC_E	FANNIN	OTHER	NORTH	2021	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0
715 NORTH TIE		DC_N	WILBARGER	OTHER	WEST	2020	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0
716 EAGLE PASS TIE		DC_S	MAVERICK	OTHER	SOUTH	2020	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
717 LAREDO VFT TIE		DC_L	WEBB	OTHER	SOUTH	2020	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
718 SHARYLAND RAILROAD TIE		DC_R	HIDALGO	OTHER	SOUTH	2020	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
719 SHARYLAND RAILROAD TIE 2		DC_R2	HIDALGO	OTHER	SOUTH	2020	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
720 <b>Non-Synchronous Ties Total</b>							<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>	<b>1,250.0</b>
721 Non-Synchronous Ties Peak Average Capacity Percentage		DC_TIE_PEAK_PCT	%				75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
722																
723 <b>Planned Thermal Resources with Executed SGIA, Air Permit, GHG Permit and Proof of Adequate Water Supplies</b>																
724 FGE TEXAS I PROJECT	161NR0010	MITCHELL	GAS	WEST	2021	-	742.9	742.9	742.9	742.9	742.9	742.9	742.9	742.9	742.9	742.9
725 HALYARD HENDERSON	161NR0045	HENDERSON	GAS	NORTH	2021	-	484.0	484.0	484.0	484.0	484.0	484.0	484.0	484.0	484.0	484.0
726 HALYARD WHARTON ENERGY CENTER	161NR0044	WHARTON	GAS	SOUTH	2021	-	484.0	484.0	484.0	484.0	484.0	484.0	484.0	484.0	484.0	484.0
727 HUDSON (BRAZORIA ENERGY G)	161NR0076	BRAZORIA	GAS	COASTAL	2019	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
728 MIRAGE	171NR0022	HARRIS	GAS	HOUSTON	2019	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
729 VICTORIA CITY (CITYVICT)	181NR0035	REFUGIO	GAS	COASTAL	2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
730 VICTORIA PORT (VICTPORT)	171NR0045	CALHOUN	GAS	COASTAL	2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
731 <b>Planned Capacity Total (Nuclear, Coal, Gas, Biomass)</b>							<b>301.0</b>	<b>2,011.9</b>	<b>2,011.9</b>	<b>2,011.9</b>	<b>2,011.9</b>	<b>2,011.9</b>	<b>2,011.9</b>	<b>2,011.9</b>	<b>2,011.9</b>	<b>2,011.9</b>
732																
733 <b>Planned Wind Resources with Executed SGIA</b>																
734 ARMSTRONG WIND	181NR0029	ARMSTRONG	WIND	PANHANDLE	2020	253.0	253.0	253.0	253.0	253.0	253.0	253.0	253.0	253.0	253.0	253.0
735 BARROW RANCH (JUMBO HILL WIND)	181NR0038	ANDREWS	WIND	WEST	2019	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
736 BLUE SUMMIT II	181NR0070	WILBARGER	WIND	WEST	2019	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0
737 BLUE SUMMIT WIND III	191NR0182	WILBARGER	WIND	WEST	2019	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
738 CABEZON WIND (RIO BRAVO I WIND)	171NR0005	STARR	WIND	SOUTH	2019	237.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6
739 CACTUS FLATS WIND	161NR0086	CONCHO	WIND	WEST	2019	148.4	148.4	148.4	148.4	148.4	148.4	148.4	148.4	148.4	148.4	148.4
740 CANADIAN BREAKS WIND	131NR0026	OLDHAM	WIND	PANHANDLE	2019	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0
741 CANYON WIND	181NR0030	SCURRY	WIND	WEST	2020	-	300.9	300.9	300.9	300.9	300.9	300.9	300.9	300.9	300.9	300.9
742 COYOTE WIND	171NR0027b	SCURRY	WIND	WEST	2020	-	242.5	242.5	242.5	242.5	242.5	242.5	242.5	242.5	242.5	242.5
743 DARMSTADT	181NR0023	SCHLEICHER	WIND	WEST	2019	200.9	200.9	200.9	200.9	200.9	200.9	200.9	200.9	200.9	200.9	200.9
744 EASTER WIND	151NR0063	CASTRO	WIND	PANHANDLE	2020	-	307.5	307.5	307.5	307.5	307.5	307.5	307.5	307.5	307.5	307.5
745 EDMONDSON RANCH WIND	181NR0043	GLASSCOCK	WIND	WEST	2020	-	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5



## Unit Capacities - Summer

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
829 RE MAPLEWOOD 2A SOLAR	171NR0020a		PECOS	SOLAR	WEST	2020	222.0	222.0	222.0	222.0	222.0	222.0	222.0	222.0	222.0	222.0
830 RE MAPLEWOOD 2B SOLAR	171NR0020b		PECOS	SOLAR	WEST	2020	-	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
831 RE MAPLEWOOD 2C SOLAR	171NR0020c		PECOS	SOLAR	WEST	2021	-	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
832 SHAKES SOLAR	191NR0073		ZAVALA	SOLAR	SOUTH	2020	206.0	206.0	206.0	206.0	206.0	206.0	206.0	206.0	206.0	206.0
833 SODA LAKE SOLAR 1	181NR0040		CRANE	SOLAR	WEST	2020	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
834 SODA LAKE SOLAR 2	201NR0143		CRANE	SOLAR	WEST	2020	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
835 SPIHUEL SOLAR	201NR0025		MEDINA	SOLAR	SOUTH	2020	-	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
836 TAYGETE SOLAR	201NR0054		PECOS	SOLAR	WEST	2020	-	254.2	254.2	254.2	254.2	254.2	254.2	254.2	254.2	254.2
837 TAYGETE II SOLAR	211NR0233		PECOS	SOLAR	WEST	2021	-	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3
838 UPTON SOLAR	161NR0114		UPTON	SOLAR	WEST	2020	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6
839 WEST OF PECOS SOLAR	141NR0044		REEVES	SOLAR	WEST	2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>840 Planned Capacity Total (Solar)</b>							<b>3,069.0</b>	<b>6,659.8</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>
841 Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%				74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
842																
<b>843 Planned Storage Resources with Executed SGIA</b>																
844 CASTLE GAP BATTERY			UPTON	OTHER	WEST	2018	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
845 COMMERCE ST BATTERY			BEXAR	OTHER	SOUTH	2019	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
846 JOHNSON CITY BATTERY			BLANCO	OTHER	SOUTH	2019	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
847 JUNO STORAGE	211NR0032		BORDEN	OTHER	WEST	2021	-	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0
848 RABBIT HILL ENERGY STORAGE PROJECT			WILLIAMSON	OTHER	SOUTH	2019	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
<b>849 Planned Capacity Total (Storage)</b>							<b>32.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>
850 Storage Peak Average Capacity Percentage		STORAGE_PL_PEAK_PCT	%				-	-	-	-	-	-	-	-	-	-
851																
<b>852 Seasonal Mothballed Resources</b>																
853 SPENCER STG U4		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
854 SPENCER STG U5		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
<b>855 Total Seasonal Mothballed Capacity</b>							<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>
856																
<b>857 Mothballed Resources</b>																
858 J T DEELY U1 (AS OF 12/31/2018)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1977	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
859 J T DEELY U2 (AS OF 12/31/2018)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1978	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
860 GIBBONS CREEK U1 (AS OF 10/1/2018)		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0	470.0	470.0	470.0	470.0	470.0	470.0	470.0	470.0	470.0
<b>861 Total Mothballed Capacity</b>							<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>	<b>1,310.0</b>
862																
<b>863 Retiring Resources Unavailable to ERCOT (since last CDR/SARA)*</b>																
864 FORT WORTH METHANE LFG		DG_RDLM1_UNIT	TARRANT	BIOMASS	NORTH	2011	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
865 MCKINNEY LFG		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
866 TRINITY OAKS LFG		DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
867 VIRIDIS ENERGY-LIBERTY LFG		DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
868 VIRIDIS ENERGY-TRINITY BAY LFG		DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
<b>869 Total Retiring Capacity</b>							<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>

**Notes:**

Capacity changes due to planned repower/upgrade projects are reflected in the operational units' ratings upon (1) receipt and ERCOT approval of a new Resource Asset Registration Form (RARF), or (2) the unit owner has submitted, and ERCOT has approved, a Generation Interconnection or Change Request (GINR) application, and the project modifies the installed capacity by at least 10 MW as reported in the GINR request. Projects associated with interconnection change requests that meet the 10 MW size threshold are indicated with a code in the "Generation Interconnection Project Code" column. Projects with more than one unit have capacity change amounts prorated equally across the units. These prorated capacity adjustments are temporary until project owners submit RARFs that reflect updated seasonal MW ratings for each unit.

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

\* ERCOT is now tracking and accounting for retirements of Registered DG facilities. These biomass facilities actually retired between 2014 and 2016.

## Summer Fuel Types - ERCOT

Fuel type is based on the primary fuel. Capacity contribution of the wind resources is included at 15% for Non-Coastal and 58% for Coastal counties, while the solar capacity contribution is 74%. Private Use Network, and Hydro are included based on the three-year average historical capability for each Summer Season's 20 peak load hours. Non-Synchronous Tie resources import forecast is based on flows seen during Energy Emergency Alert (EEA) periods in the most recent summer of occurrence. Non-Synchronous Tie resources are categorized as Other. Mothballed resource capacity is excluded except for Available Mothball Capacity based on a Seasonal Availability Schedule or Owner's reported Return Probability. Private Use Network is categorized as gas.

### In MW

Fuel_Type	Capacity_Pct	2020	2021	2022	2023	2024
<b>Biomass</b>	<b>100%</b>	186	186	186	186	186
<b>Coal</b>	<b>100%</b>	14,225	14,225	14,225	14,225	14,225
<b>Gas</b>	<b>100%</b>	51,941	53,949	53,811	53,811	53,556
<b>Nuclear</b>	<b>100%</b>	4,960	4,960	4,960	4,960	4,960
<b>Other</b>	<b>75%</b>	962	1,333	1,333	1,333	1,333
<b>Hydro</b>	<b>83%</b>	463	463	463	463	463
<b>Wind</b>	<b>15%</b>	3,821	4,617	4,701	4,701	4,701
<b>Wind-C</b>	<b>58%</b>	2,339	2,715	2,715	2,715	2,715
<b>Solar</b>	<b>74%</b>	3,648	6,305	6,644	6,644	6,644
<b>Storage</b>	<b>0%</b>	-	-	-	-	-
<b>Total</b>		<b>82,545</b>	<b>88,754</b>	<b>89,039</b>	<b>89,039</b>	<b>88,784</b>

### In Percentages

Fuel_Type	2020	2021	2022	2023	2024
<b>Biomass</b>	0.2%	0.2%	0.2%	0.2%	0.2%
<b>Coal</b>	17.2%	16.0%	16.0%	16.0%	16.0%
<b>Natural Gas</b>	62.9%	60.8%	60.4%	60.4%	60.3%
<b>Nuclear</b>	6.0%	5.6%	5.6%	5.6%	5.6%
<b>Other</b>	1.2%	1.5%	1.5%	1.5%	1.5%
<b>Hydro</b>	0.6%	0.5%	0.5%	0.5%	0.5%
<b>Wind</b>	4.6%	5.2%	5.3%	5.3%	5.3%
<b>Wind-C</b>	2.8%	3.1%	3.0%	3.0%	3.1%
<b>Solar</b>	4.4%	7.1%	7.5%	7.5%	7.5%
<b>Storage</b>	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

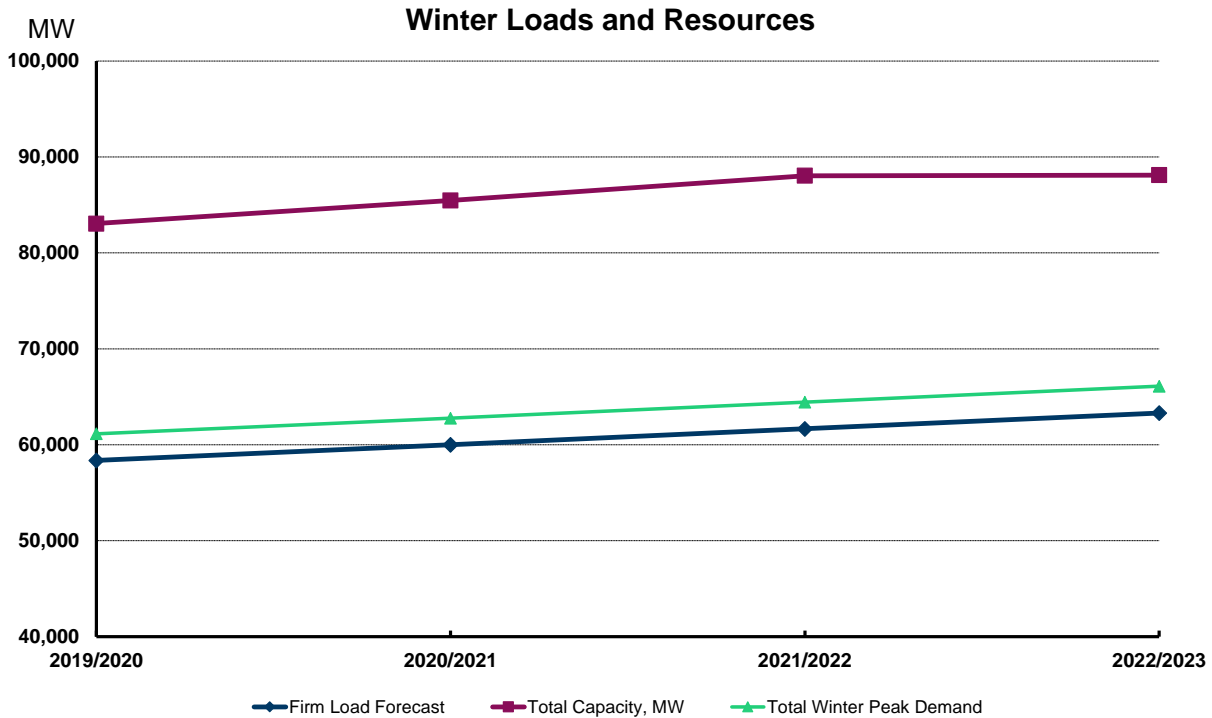
## Report on the Capacity, Demand and Reserves in the ERCOT Region

### Winter Summary: 2019/2020 through 2023/2024

Load Forecast, MW:	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Winter Peak Demand (based on normal weather)	61,150	62,782	64,449	66,102	67,896
plus: Energy Efficiency Program Savings Forecast	1,764	2,065	2,285	2,592	2,821
<b>Total Winter Peak Demand (before Reductions from Energy Efficiency Programs)</b>	<b>62,913</b>	<b>64,847</b>	<b>66,733</b>	<b>68,694</b>	<b>70,717</b>
less: Load Resources providing Responsive Reserves	-1,723	-1,723	-1,723	-1,723	-1,723
less: Load Resources providing Non-Spinning Reserves	0	0	0	0	0
less: Emergency Response Service (10- and 30-min ramp products)	-1,061	-1,061	-1,061	-1,061	-1,061
less: TDSP Standard Offer Load Management Programs	0	0	0	0	0
less: Energy Efficiency Program Savings Forecast	-1,764	-2,065	-2,285	-2,592	-2,821
<b>Firm Peak Load, MW</b>	<b>58,366</b>	<b>59,999</b>	<b>61,665</b>	<b>63,318</b>	<b>65,112</b>

Resources, MW:	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Installed Capacity, Thermal/Hydro	68,766	68,766	68,847	68,847	68,847
Switchable Generation Resource Capacity, MW	3,746	3,746	3,746	3,746	3,746
less: Switchable Capacity Unavailable to ERCOT	-868	-868	-568	-568	-568
Available Mothballed Capacity	0	0	0	0	0
Capacity from Private Use Networks	3,965	3,885	3,865	3,865	3,610
Non-Coastal Wind, Peak Average Capacity Contribution (20% of installed capacity)	3,848	3,849	3,849	3,849	3,849
Coastal Wind, Peak Average Capacity Contribution (43% of installed capacity)	1,213	1,213	1,213	1,213	1,213
Solar Utility-Scale, Peak Average Capacity Contribution (12% of installed capacity)	223	223	223	223	223
Storage, Peak Average Capacity Contribution (0%)	0	0	0	0	0
RMR Capacity to be under Contract	0	0	0	0	0
Capacity Pending Retirement, MW	0	0	0	0	0
<b>Operational Generation Capacity, MW</b>	<b>80,892</b>	<b>80,814</b>	<b>81,175</b>	<b>81,175</b>	<b>80,920</b>
Non-Synchronous Ties, Capacity Contribution (67% of installed capacity)	838	838	838	838	838
Planned Resources (not wind or solar) with Signed IA, Air Permits and Water Rights	307	307	2,018	2,018	2,018
Planned Non-Coastal Wind with Signed IA, Peak Average Capacity Contribution (20% of installed capacity)	716	2,289	2,370	2,431	2,431
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution (43% of installed capacity)	232	725	800	800	800
Planned Solar Utility-Scale, Peak Average Capacity Contribution (12% of installed capacity)	65	506	854	854	854
Planned Storage, Peak Average Capacity Contribution (0%)	0	0	0	0	0
<b>Total Capacity, MW</b>	<b>83,051</b>	<b>85,479</b>	<b>88,055</b>	<b>88,116</b>	<b>87,861</b>

Reserve Margin (Total Resources - Firm Load Forecast) / Firm Load Forecast	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
	42.3%	42.5%	42.8%	39.2%	34.9%



# Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030
<b>Operational Resources (Thermal)</b>																	
4 COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,235.0	1,235.0	1,235.0	1,235.0	1,235.0	1,235.0	1,235.0	1,235.0	1,235.0	1,235.0	1,235.0
5 COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,225.0	1,225.0	1,225.0	1,225.0	1,225.0	1,225.0	1,225.0	1,225.0	1,225.0	1,225.0	1,225.0
6 SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0
7 SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0	1,340.0
8 COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	655.0	655.0	655.0	655.0	655.0	655.0	655.0	655.0	655.0	655.0	655.0
9 FAYETTE POWER U1		FPYPD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	603.0	603.0	603.0	603.0	603.0	603.0	603.0	603.0	603.0	603.0	603.0
10 FAYETTE POWER U2		FPYPD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	605.0	605.0	605.0	605.0	605.0	605.0	605.0	605.0	605.0	605.0	605.0
11 FAYETTE POWER U3		FPYPD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	449.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0
12 J K SPRUCE U1		CALAVERS_JKS1	BEKAR	COAL	SOUTH	1992	560.0	560.0	560.0	560.0	560.0	560.0	560.0	560.0	560.0	560.0	560.0
13 J K SPRUCE U2		CALAVERS_JKS2	BEKAR	COAL	SOUTH	2010	785.0	785.0	785.0	785.0	785.0	785.0	785.0	785.0	785.0	785.0	785.0
14 LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	824.0	824.0	824.0	824.0	824.0	824.0	824.0	824.0	824.0	824.0	824.0
15 LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0
16 MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0
17 MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0
18 MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0	820.0
19 OAK GROVE SES U1	191NR0204	OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	862.5	862.5	862.5	862.5	862.5	862.5	862.5	862.5	862.5	862.5	862.5
20 OAK GROVE SES U2	191NR0204	OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	847.5	847.5	847.5	847.5	847.5	847.5	847.5	847.5	847.5	847.5	847.5
21 OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0	650.0	650.0	650.0	650.0	650.0	650.0	650.0	650.0	650.0	650.0
22 SAN MIGUEL U1		SANMIGL_G1	ATASCOSA	COAL	SOUTH	1982	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0
23 SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0
24 TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0
25 TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0
26 W A PARISH U5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0
27 W A PARISH U6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	663.0	663.0	663.0	663.0	663.0	663.0	663.0	663.0	663.0	663.0	663.0
28 W A PARISH U7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0
29 W A PARISH U8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0
30 ARTHUR VON ROSENBERG 1 CTG 1		BRAUNIG_AVR1_CT1	BEKAR	GAS	SOUTH	2000	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0
31 ARTHUR VON ROSENBERG 1 CTG 2		BRAUNIG_AVR1_CT2	BEKAR	GAS	SOUTH	2000	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0
32 ARTHUR VON ROSENBERG 1 STG		BRAUNIG_AVR1_ST	BEKAR	GAS	SOUTH	2000	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0
33 BARNEY M DAVIS REPOWER CTG 3		B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0
34 BARNEY M DAVIS REPOWER CTG 4		B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0
35 BARNEY M DAVIS REPOWER CTG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	325.0	325.0	325.0	325.0	325.0	325.0	325.0	325.0	325.0	325.0	325.0
36 BASTROP ENERGY CENTER CTG 1		BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0
37 BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0
38 BASTROP ENERGY CENTER CTG 3		BASTEN_GTG3100	BASTROP	GAS	SOUTH	2002	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0
39 BOSQUE ENERGY CENTER CTG 1		BOSQUESW_BSSQSU_1	BOSQUE	GAS	NORTH	2000	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
40 BOSQUE ENERGY CENTER CTG 2		BOSQUESW_BSSQSU_2	BOSQUE	GAS	NORTH	2001	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
41 BOSQUE ENERGY CENTER CTG 3		BOSQUESW_BSSQSU_3	BOSQUE	GAS	NORTH	2000	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
42 BOSQUE ENERGY CENTER CTG 4		BOSQUESW_BSSQSU_4	BOSQUE	GAS	NORTH	2001	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5
43 BOSQUE ENERGY CENTER CTG 5		BOSQUESW_BSSQSU_5	BOSQUE	GAS	NORTH	2009	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7
44 BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0
45 BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0
46 BRAZOS VALLEY CTG 3		BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0
47 CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
48 CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
49 CALENERGY-FALCON SEABOARD CTG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
50 CALHOUN (PORT COMFORT) 1		CALHOUN_UNIT1	CALHOUN	GAS	COASTAL	2017	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
51 CALHOUN (PORT COMFORT) 2		CALHOUN_UNIT2	CALHOUN	GAS	COASTAL	2017	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
52 CEDAR BAYOU 4 CTG 1		CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0
53 CEDAR BAYOU 4 CTG 2		CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0
54 CEDAR BAYOU 4 CTG 3		CBY4_CT43	CHAMBERS	GAS	HOUSTON	2009	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0
55 CEDAR BAYOU 4 CTG 4		CBY4_CT44	CHAMBERS	GAS	HOUSTON	2009	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0
56 COLORADO BEND ENERGY CENTER CTG 1		CBEC_G1	WHARTON	GAS	SOUTH	2007	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
57 COLORADO BEND ENERGY CENTER CTG 2		CBEC_G2	WHARTON	GAS	SOUTH	2007	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
58 COLORADO BEND ENERGY CENTER CTG 3		CBEC_G3	WHARTON	GAS	SOUTH	2008	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
59 COLORADO BEND ENERGY CENTER CTG 4		CBEC_G4	WHARTON	GAS	SOUTH	2008	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
60 COLORADO BEND ENERGY CENTER CTG 5		CBEC_G5	WHARTON	GAS	SOUTH	2008	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
61 COLORADO BEND II CT7	181NR0077	CBECII_CT7	WHARTON	GAS	SOUTH	2017	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8
62 COLORADO BEND II CT8	181NR0077	CBECII_CT8	WHARTON	GAS	SOUTH	2017	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8	353.8
63 COLORADO BEND II CT9	181NR0077	CBECII_CT9	WHARTON	GAS	SOUTH	2017	501.8	501.8	501.8	501.8	501.8	501.8	501.8	501.8	501.8	501.8	501.8
64 CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0
65 CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	182.0	182.0	182.0	182.0	182.						





UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030
161	QUAIL RUN ENERGY STG 1	QALSW_STG1	ECTOR	GAS	WEST	2007	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
162	QUAIL RUN ENERGY CTG 3	QALSW_GT3	ECTOR	GAS	WEST	2008	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
163	QUAIL RUN ENERGY CTG 4	QALSW_GT4	ECTOR	GAS	WEST	2008	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
164	QUAIL RUN ENERGY STG 2	QALSW_STG2	ECTOR	GAS	WEST	2008	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
165	R MASSENGALE ST7 (LP&L)	R_MASSENGALE_7	LUBBOCK	GAS	PANHANDLE	1959	-	-	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
166	R MASSENGALE GT8 (LP&L)	R_MASSENGALE_8	LUBBOCK	GAS	PANHANDLE	2000	-	-	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
167	RIO NOGALES POWER CTG 1	RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0
168	RIO NOGALES POWER CTG 2	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0
169	RIO NOGALES POWER CTG 3	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0
170	RIO NOGALES POWER STG 4	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0
171	SAM RAYBURN POWER CTG 7	RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
172	SAM RAYBURN POWER CTG 8	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
173	SAM RAYBURN POWER CTG 9	RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
174	SAM RAYBURN POWER STG 10	RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
175	SANDHILL ENERGY CENTER CTG 5A	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
176	SANDHILL ENERGY CENTER STG 5C	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
177	SILAS RAY POWER STG 6	SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
178	SILAS RAY POWER CTG 9	SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
179	T H WHARTON POWER CTG 31	THW_THWGT31	HARRIS	GAS	HOUSTON	1972	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
180	T H WHARTON POWER CTG 32	THW_THWGT32	HARRIS	GAS	HOUSTON	1972	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
181	T H WHARTON POWER CTG 33	THW_THWGT33	HARRIS	GAS	HOUSTON	1972	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
182	T H WHARTON POWER CTG 34	THW_THWGT34	HARRIS	GAS	HOUSTON	1972	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
183	T H WHARTON POWER STG 3	THW_THWST_3	HARRIS	GAS	HOUSTON	1974	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
184	T H WHARTON POWER CTG 41	THW_THWGT41	HARRIS	GAS	HOUSTON	1972	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
185	T H WHARTON POWER CTG 42	THW_THWGT42	HARRIS	GAS	HOUSTON	1972	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
186	T H WHARTON POWER CTG 43	THW_THWGT43	HARRIS	GAS	HOUSTON	1974	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
187	T H WHARTON POWER CTG 44	THW_THWGT44	HARRIS	GAS	HOUSTON	1974	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
188	T H WHARTON POWER STG 4	THW_THWST_4	HARRIS	GAS	HOUSTON	1974	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
189	TEXAS CITY POWER CTG A	TXCTY_CT_A	GALVESTON	GAS	HOUSTON	2000	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4
190	TEXAS CITY POWER CTG B	TXCTY_CT_B	GALVESTON	GAS	HOUSTON	2000	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4
191	TEXAS CITY POWER CTG C	TXCTY_CT_C	GALVESTON	GAS	HOUSTON	2000	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4
192	TEXAS CITY POWER STG	TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5
193	VICTORIA POWER CTG 6	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0
194	VICTORIA POWER STG 5	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
195	WICHITA FALLS CTG 1	WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
196	WICHITA FALLS CTG 2	WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
197	WICHITA FALLS CTG 3	WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
198	WICHITA FALLS CTG 4	WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
199	WISE-TRACTEBEL POWER CTG 1	WCPP_CT1	WISE	GAS	NORTH	2004	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0
200	WISE-TRACTEBEL POWER CTG 2	WCPP_CT2	WISE	GAS	NORTH	2004	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
201	WISE-TRACTEBEL POWER STG 1	WCPP_ST1	WISE	GAS	NORTH	2004	298.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0
202	WOLF HOLLOW POWER CTG 1	WHCCS_CT1	HOOD	GAS	NORTH	2002	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0
203	WOLF HOLLOW POWER CTG 2	WHCCS_CT2	HOOD	GAS	NORTH	2002	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0	249.0
204	WOLF HOLLOW POWER STG	WHCCS_STG	HOOD	GAS	NORTH	2002	293.0	293.0	293.0	293.0	293.0	293.0	293.0	293.0	293.0	293.0	293.0
205	WOLF HOLLOW 2 CT5	WHCCS2_CT5	HOOD	GAS	NORTH	2017	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0
206	WOLF HOLLOW 2 CT6	WHCCS2_CT6	HOOD	GAS	NORTH	2017	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0	352.0
207	WOLF HOLLOW 2 STG6	WHCCS2_STG6	HOOD	GAS	NORTH	2017	489.0	489.0	489.0	489.0	489.0	489.0	489.0	489.0	489.0	489.0	489.0
208	ATKINS CTG 7	ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
209	BRANDON GT1 (LP&L)	BRANDON	LUBBOCK	GAS	PANHANDLE	1990	-	-	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
210	CASTLEMAN CHAMON 1	CHAMON_CTG_0101	HARRIS	GAS	HOUSTON	2017	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
211	CASTLEMAN CHAMON 2	CHAMON_CTG_0301	HARRIS	GAS	HOUSTON	2017	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
212	DANSBY CTG 2	DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
213	DANSBY CTG 3	DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
214	DECKER CREEK CTG 1	DECKER_DPCT_1	TRAVIS	GAS	SOUTH	1989	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
215	DECKER CREEK CTG 2	DECKER_DPCT_2	TRAVIS	GAS	SOUTH	1989	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
216	DECKER CREEK CTG 3	DECKER_DPCT_3	TRAVIS	GAS	SOUTH	1989	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
217	DECKER CREEK CTG 4	DECKER_DPCT_4	TRAVIS	GAS	SOUTH	1989	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
218	DECORDOVA CTG 1	DCSES_CT10	HOOD	GAS	NORTH	1990	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
219	DECORDOVA CTG 2	DCSES_CT20	HOOD	GAS	NORTH	1990	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
220	DECORDOVA CTG 3	DCSES_CT30	HOOD	GAS	NORTH	1990	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
221	DECORDOVA CTG 4	DCSES_CT40	HOOD	GAS	NORTH	1990	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
222	ECTOR COUNTY ENERGY CTG 1	ECEC_G1	ECTOR	GAS	WEST	2015	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4
223	ECTOR COUNTY ENERGY CTG 2	ECEC_G2	ECTOR	GAS	WEST	2015	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4
224	ELK STATION CTG 3	AEEC_ELK_3	HALE	GAS	PANHANDLE	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
225	EXTX LAPORTE GEN STN CTG 1	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
226	EXTX LAPORTE GEN STN CTG 2	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
227	EXTX LAPORTE GEN STN CTG 3	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
228	EXTX LAPORTE GEN STN CTG 4	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
229	FRIENDSWOOD CTG 3	FECG_UNIT1	HARRIS	GAS	HOUSTON	2018	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0
230	GREENS BAYOU CTG 73	GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
231	GREENS BAYOU CTG 74	GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
232	GREENS BAYOU CTG 81	GBY_GBYGT81	HARRIS	GAS	HOUSTON												





UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030
401 ANTELOPE IC 1		AEEC_ANTLP_1	HALE	GAS	PANHANDLE	2016	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
402 ANTELOPE IC 2		AEEC_ANTLP_2	HALE	GAS	PANHANDLE	2016	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
403 ANTELOPE IC 3		AEEC_ANTLP_3	HALE	GAS	PANHANDLE	2016	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
404 ELK STATION CTG 1		AEEC_ELK_1	HALE	GAS	PANHANDLE	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
405 ELK STATION CTG 2		AEEC_ELK_2	HALE	GAS	PANHANDLE	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
406 TENASKA KIAMICHI STATION 1CT101		KMCHL_1CT101	FANNIN	GAS	NORTH	2003	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0
407 TENASKA KIAMICHI STATION 1CT201		KMCHL_1CT201	FANNIN	GAS	NORTH	2003	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
408 TENASKA KIAMICHI STATION 1ST		KMCHL_1ST	FANNIN	GAS	NORTH	2003	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0
409 TENASKA KIAMICHI STATION 2CT101		KMCHL_2CT101	FANNIN	GAS	NORTH	2003	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0
410 TENASKA KIAMICHI STATION 2CT201		KMCHL_2CT201	FANNIN	GAS	NORTH	2003	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
411 TENASKA KIAMICHI STATION 2ST		KMCHL_2ST	FANNIN	GAS	NORTH	2003	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0
412 TENASKA FRONTIER STATION CTG 1		FTR_FTR_G01	GRIMES	GAS	NORTH	2000	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
413 TENASKA FRONTIER STATION CTG 2		FTR_FTR_G02	GRIMES	GAS	NORTH	2000	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
414 TENASKA FRONTIER STATION CTG 3		FTR_FTR_G03	GRIMES	GAS	NORTH	2000	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
415 TENASKA FRONTIER STATION CTG 4		FTR_FTR_G04	GRIMES	GAS	NORTH	2000	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
416 TENASKA GATEWAY STATION CTG 1		TGCCS_CT1	RUSK	GAS	NORTH	2001	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0
417 TENASKA GATEWAY STATION CTG 2		TGCCS_CT2	RUSK	GAS	NORTH	2001	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0
418 TENASKA GATEWAY STATION CTG 3		TGCCS_CT3	RUSK	GAS	NORTH	2001	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0
419 TENASKA GATEWAY STATION CTG 4		TGCCS_UNIT4	RUSK	GAS	NORTH	2001	389.0	389.0	389.0	389.0	389.0	389.0	389.0	389.0	389.0	389.0	389.0
420 Switchable Capacity Total							3,746.0	3,746.0	3,746.0	3,746.0	3,746.0	3,746.0	3,746.0	3,746.0	3,746.0	3,746.0	3,746.0
421																	
422 Switchable Capacity Unavailable to ERCOT																	
423 ANTELOPE IC 1		AEEC_ANTLP_1_UNAVAIL	HALE	GAS	PANHANDLE	2017	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)
424 ANTELOPE IC 2		AEEC_ANTLP_2_UNAVAIL	HALE	GAS	PANHANDLE	2017	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)
425 ANTELOPE IC 3		AEEC_ANTLP_3_UNAVAIL	HALE	GAS	PANHANDLE	2017	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)	(56.0)
426 ELK STATION CTG 1		AEEC_ELK_1_UNAVAIL	HALE	GAS	PANHANDLE	2017	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)
427 ELK STATION CTG 2		AEEC_ELK_2_UNAVAIL	HALE	GAS	PANHANDLE	2017	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)
428 TENASKA FRONTIER STATION		FTR_FTR_UNAVAIL	GRIMES	GAS	NORTH	2016	(300.0)	(300.0)	(300.0)	(300.0)	(300.0)	(300.0)	(300.0)	(300.0)	(300.0)	(300.0)	(300.0)
429 Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL					(868.0)	(868.0)	(568.0)	(568.0)	(568.0)	(568.0)	(568.0)	(568.0)	(568.0)	(568.0)	(568.0)
430																	
431 Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL					-	-	-	-	-	-	-	-	-	-	-
432																	
433 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			3,962.6	3,962.6	3,962.6	3,962.6	3,962.6	3,962.6	3,962.6	3,962.6	3,962.6	3,962.6	3,962.6
434 Private-Use Network Forecast Adjustment (per Protocol 10.3.2.4)		PUN_CAP_ADJUST		GAS			2.0	(78.0)	(98.0)	(98.0)	(353.0)	(353.0)	(353.0)	(353.0)	(353.0)	(353.0)	(353.0)
435																	
436 Operational Resources (Wind)																	
437 ANACACHO WIND		ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
438 BARTON CHAPEL WIND		BRTSW_BCW1	JACK	WIND	NORTH	2007	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
439 BLUE SUMMIT WIND 5		BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
440 BLUE SUMMIT WIND 6		BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4
441 BOBCAT BLUFF WIND	181NR0078	BCATWIND_WIND_1	ARCHER	WIND	WEST	2013	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0
442 BRISCOE WIND		BRISCOE_WIND	BRISCOE	WIND	PANHANDLE	2015	149.8	149.8	149.8	149.8	149.8	149.8	149.8	149.8	149.8	149.8	149.8
443 BUCKTHORN WIND 1 A		BUCKTHRN_UNIT1	ERATH	WIND	NORTH	2017	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
444 BUCKTHORN WIND 1 B		BUCKTHRN_UNIT2	ERATH	WIND	NORTH	2017	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
445 BUFFALO GAP WIND 1		BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6	120.6
446 BUFFALO GAP WIND 2_1		BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5
447 BUFFALO GAP WIND 2_2		BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
448 BUFFALO GAP WIND 3		BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2007	170.2	170.2	170.2	170.2	170.2	170.2	170.2	170.2	170.2	170.2	170.2
449 BULL CREEK WIND U1		BULLCRK_WIND1	BORDEN	WIND	WEST	2009	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
450 BULL CREEK WIND U2		BULLCRK_WIND2	BORDEN	WIND	WEST	2009	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
451 CALLAHAN WIND		CALLAHAN_WIND1	CALLAHAN	WIND	WEST	2004	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
452 CAMP SPRINGS WIND 1		CSEC_CSEC1	SCURRY	WIND	WEST	2007	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5
453 CAMP SPRINGS WIND 2		CSEC_CSEC2	SCURRY	WIND	WEST	2007	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
454 CAPRICORN RIDGE WIND 1		CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5
455 CAPRICORN RIDGE WIND 2		CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5	149.5	149.5	149.5	149.5	149.5	149.5	149.5	149.5	149.5	149.5
456 CAPRICORN RIDGE WIND 3		CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0	186.0
457 CAPRICORN RIDGE WIND 4		CAPRIDGE_CR4	COKE	WIND	WEST	2008	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
458 CEDRO HILL WIND 1		CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
459 CEDRO HILL WIND 2		CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
460 CHAMPION WIND		CHAMPION_UNIT1	NOLAN	WIND	WEST	2008	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5
461 COTTON PLAINS WIND		COTPLNS_COTTONPL	FLOYD COUNT	WIND	PANHANDLE	2017	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
462 DERMOTT WIND 1_1		DERMOTT_UNIT1	SCURRY	WIND	WEST	2017	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5
463 DERMOTT WIND 1_2		DERMOTT_UNIT2	SCURRY	WIND	WEST	2017	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.5
464 DESERT SKY WIND 1		INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
465 DESERT SKY WIND 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
466 DOUG COLBECK'S CORNER (CONWAY) A		GRANDWV1_COLA	CARSON	WIND	PANHANDLE	2016	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2
467 DOUG COLBECK'S CORNER (CONWAY) B		GRANDWV1_COLB	CARSON	WIND	PANHANDLE	2016	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2
468 ELBOW CREEK WIND		ELB_ELBCREEK	HOWARD	WIND	WEST	2007	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7
469 ELECTRA WIND 1		DIGBY_UNIT1	WILBARGER	WIND	WEST	2017	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
470 ELECTRA WIND 2		DIGBY_UNIT2	WILBARGER	WIND	WEST	2017	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1
471 FALVEZ ASTRA WIND		ASTRA_UNIT1	RANDALL	WIND	PANHANDLE	2017	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2
472 FLAT TOP WIND		FTWIND_UNIT_1	MILLS	WIND	NORTH	2018	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
473 FLUVANNA RENEWABLE 1 A		FLUVANNA_UNIT1	SCURRY	WIND	WEST	2017	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
474 FLUVANNA RENEWABLE 1 B		FLUVANNA_UNIT2	SCURRY	WIND	WEST	2017	75.6	75.6	75.6								



UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030
561	RTS WIND	RTS_U1	MCCULLOCH	WIND	SOUTH	2018	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
562	SALT FORK 1 WIND 1	SALTFORK_UNIT1	DONLEY	WIND	PANHANDLE	2017	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
562	SALT FORK 1 WIND 2	SALTFORK_UNIT2	DONLEY	WIND	PANHANDLE	2017	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
563	SAND BLUFF WIND	MCOLD_SBW1	GLASSCOCK	WIND	WEST	2008	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
565	SENDERO WIND ENERGY	EXGNSND_WIND_1	JIM HOGG	WIND	SOUTH	2015	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
566	SENATE WIND	SENATEWD_UNIT1	JACK	WIND	NORTH	2012	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
566	SHANNON WIND	SHANNONWV_UNIT_1	CLAY	WIND	WEST	2015	204.1	204.1	204.1	204.1	204.1	204.1	204.1	204.1	204.1	204.1	204.1
568	SHERBINO 1 WIND	KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
568	SHERBINO 2 WIND	KEO_SHRBINO2	PECOS	WIND	WEST	2011	145.0	130.0	130.0	130.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
569	SILVER STAR WIND	FLTCK_SSI	EASTLAND	WIND	NORTH	2007	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
571	SNYDER WIND	ENAS_ENA1	SCURRY	WIND	WEST	2007	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
572	SOUTH PLAINS WIND I	SPLAIN1_WIND1	FLOYD	WIND	PANHANDLE	2015	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0
572	SOUTH PLAINS WIND 2	SPLAIN1_WIND2	FLOYD	WIND	PANHANDLE	2015	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
574	SOUTH PLAINS WIND II A	SPLAIN2_WIND21	FLOYD	WIND	PANHANDLE	2016	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5
575	SOUTH PLAINS WIND II B	SPLAIN2_WIND22	FLOYD	WIND	PANHANDLE	2016	151.8	151.8	151.8	151.8	151.8	151.8	151.8	151.8	151.8	151.8	151.8
576	SOUTH TRENT WIND	STWF_T1	NOLAN	WIND	WEST	2008	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
577	SPINNING SPUR WIND TWO	SSPURTW2_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0	161.0	161.0	161.0	161.0	161.0	161.0	161.0	161.0	161.0	161.0
577	SPINNING SPUR 3 [WIND 1]	SSPURTW2_SS3WIND1	OLDHAM	WIND	PANHANDLE	2015	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
578	SPINNING SPUR 3 [WIND 2]	SSPURTW2_SS3WIND2	OLDHAM	WIND	PANHANDLE	2015	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
579	STANTON WIND ENERGY	SWEC_G1	MARTIN	WIND	WEST	2008	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
581	STEPHENS RANCH WIND 1	SRWE1_UNIT1	BORDEN	WIND	WEST	2014	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2
581	STEPHENS RANCH WIND 2	SRWE1_SRWE2	BORDEN	WIND	WEST	2015	164.7	164.7	164.7	164.7	164.7	164.7	164.7	164.7	164.7	164.7	164.7
582	SWEETWATER WIND 1	SWEETWN2_WND1	NOLAN	WIND	WEST	2003	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
584	SWEETWATER WIND 2A	SWEETWN2_WND24	NOLAN	WIND	WEST	2004	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
584	SWEETWATER WIND 2B	SWEETWN2_WND2	NOLAN	WIND	WEST	2006	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
586	SWEETWATER WIND 3A	SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
586	SWEETWATER WIND 3B	SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
587	SWEETWATER WIND 4-5	SWEETWN4_WND5	NOLAN	WIND	WEST	2007	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
588	SWEETWATER WIND 4-4B	SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0
590	SWEETWATER WIND 4-4A	SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
591	TAHOKA WIND 1	TAHOKA_UNIT_1	LYNN	WIND	WEST	2019	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
592	TAHOKA WIND 2	TAHOKA_UNIT_2	LYNN	WIND	WEST	2019	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
593	TEXAS BIG SPRING WIND a	SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
594	TEXAS BIG SPRING WIND b	SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
595	TRENT WIND	TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
596	TRINITY HILLS WIND 1	TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0
597	TRINITY HILLS WIND 2	TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0
598	TURKEY TRACK WIND	TTWEC_G1	NOLAN	WIND	WEST	2008	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5
599	TYLER BLUFF WIND	TYLRWIND_UNIT1	COOKE	WIND	NORTH	2017	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6
600	WAKE WIND 1	WAKEWE_G1	DICKENS	WIND	PANHANDLE	2016	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9
601	WAKE WIND 2	WAKEWE_G2	DICKENS	WIND	PANHANDLE	2016	142.3	142.3	142.3	142.3	142.3	142.3	142.3	142.3	142.3	142.3	142.3
602	WEST TEXAS WIND	WV_MESA_SW_MESA	UPTON	WIND	WEST	1999	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
603	WHIRLWIND ENERGY	WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
604	WHITETAIL WIND	EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
605	WINDTHORST 2 WIND	WINDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
606	WKN MOZART WIND	MOZART_WIND_1	KENT	WIND	WEST	2012	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
607	WILLOW SPRINGS WIND A	SALVTION_UNIT1	HASKELL	WIND	WEST	2017	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
608	WILLOW SPRINGS WIND B	SALVTION_UNIT2	HASKELL	WIND	WEST	2017	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
609	WOLF RIDGE WIND	WHITTAIL_WR1	COOKE	WIND	NORTH	2017	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
610	TSTC WEST TEXAS WIND	DG_ROSC2_UNIT1	NOLAN	WIND	WEST	2008	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
611	WOLF FLATS WIND (WIND MGT)	DG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
612	<b>Operational Wind Capacity Sub-total (Non-Coastal Counties)</b>						<b>19,239.5</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>	<b>19,245.7</b>
613	Wind Peak Average Capacity Percentage (Non-Coastal)	WIND_PEAK_PCT_NC	%				20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
614																	
615	BAFFIN WIND UNIT1	BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
616	BAFFIN WIND UNIT2	BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0
617	BRUENNING'S BREEZE A	BBREEZE_UNIT1	WILLACY	WIND-C	COASTAL	2017	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
617	BRUENNING'S BREEZE B	BBREEZE_UNIT2	WILLACY	WIND-C	COASTAL	2017	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
618	CAMERON COUNTY WIND	CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0
619	CHAPMAN RANCH WIND IA (SANTA CRUZ)	SANTACRU_UNIT1	WILLACY	WIND-C	COASTAL	2017	150.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6
620	CHAPMAN RANCH WIND IB (SANTA CRUZ)	SANTACRU_UNIT2	WILLACY	WIND-C	COASTAL	2017	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
621	GULF WIND 1	TGW_T1	KENEDY	WIND-C	COASTAL	2010	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6
622	GULF WIND 2	TGW_T2	KENEDY	WIND-C	COASTAL	2010	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6	141.6
623	LOS VIENTOS WIND I	LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1
623	LOS VIENTOS WIND II	LV1_LV1B	WILLACY	WIND-C	COASTAL	2013	201.6	201.6	201.6	201.6	201.6	201.6	201.6	201.6	201.6	201.6	201.6
625	MAGIC VALLEY WIND (REDFISH) 1A	REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
626	MAGIC VALLEY WIND (REDFISH) 1B	REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5
627	PAPALOTE CREEK WIND	PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9
628	PAPALOTE CREEK WIND II	COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1
629	PENASCAL WIND 1	PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8	160.8
630	PENASCAL WIND 2	PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6	141.6</									

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030
<b>641 Operational Resources (Solar)</b>																	
642 ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
643 BHE SOLAR PEARL PROJECT (SIRIUS 2)		SIRIUS_UNIT2	PECOS	SOLAR	WEST	2017	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
644 BNE LAMESA SOLAR (PHASE I)		LMESASLR_UNIT1	DAWSON	SOLAR	WEST	2018	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6
645 BNB LAMESA SOLAR (PHASE II)		LMESASLR_IVORY	DAWSON	SOLAR	WEST	2018	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
646 CASTLE GAP SOLAR		CASL_GAP_UNIT1	UPTON	SOLAR	WEST	2018	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
647 FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2015	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
648 FS EAST PECOS SOLAR		BOOTLEG_UNIT1	PECOS	SOLAR	WEST	2017	121.1	121.1	121.1	121.1	121.1	121.1	121.1	121.1	121.1	121.1	121.1
649 OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
650 OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
651 OCI ALAMO 5 (DOWNIE RANCH)		HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	2015	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
652 OCI ALAMO 6 (SIRIUS/WEST TEXAS)		SIRIUS_UNIT1	PECOS	SOLAR	WEST	2017	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
653 OCI ALAMO 7 (PAINT CREEK)		SOLARA_UNIT1	HASKELL	SOLAR	WEST	2016	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4
654 RE ROSEROCK SOLAR 1		REROCK_UNIT1	PECOS	SOLAR	WEST	2016	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
655 RE ROSEROCK SOLAR 2		REROCK_UNIT2	PECOS	SOLAR	WEST	2016	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
656 RIGGINS (SIRIUS/WEST TEXAS)		RIGGINS_UNIT1	PECOS	SOLAR	WEST	2018	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
657 SOLAIREHOLMAN 1		LASSO_UNIT1	BREWSTER	SOLAR	WEST	2018	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
658 SP-TX-12-PHASE B		SPTX12B_UNIT1	UPTON	SOLAR	WEST	2017	157.5	157.5	157.5	157.5	157.5	157.5	157.5	157.5	157.5	157.5	157.5
659 WAYMARK SOLAR		WAYMARK_UNIT1	UPTON	SOLAR	WEST	2018	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0
660 WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
661 COMMERCE_SOLAR		DC_X443PV1_SWRL_PV1	BEXAR	SOLAR	SOUTH	2019	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
662 BECK 1		DC_CECOSOLAR_DG_BECK1	BEXAR	SOLAR	SOUTH	2016	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
663 BLUE WING 1 SOLAR		DC_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
664 BLUE WING 2 SOLAR		DC_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
665 BOVINE SOLAR LLC		DC_BOVINE_BOVINE	AUSTIN	SOLAR	SOUTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
666 BOVINE SOLAR LLC		DC_BOVINE2_BOVINE2	AUSTIN	SOLAR	SOUTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
667 BRONSON SOLAR I		DC_BRNSN_BRNSN	FORT BEND	SOLAR	HOUSTON	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
668 BRONSON SOLAR II		DC_BRNSN2_BRNSN2	FORT BEND	SOLAR	HOUSTON	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
669 CASCADE SOLAR I		DC_CASCADE_CASCADE	WHARTON	SOLAR	SOUTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
670 CASCADE SOLAR II		DC_CASCADE2_CASCADE2	WHARTON	SOLAR	SOUTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
671 CHISUM SOLAR		DC_CHISUM_CHISUM	LAMAR	SOLAR	NORTH	2018	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
672 EDDY SOLAR II		DC_EDDYII_EDDYII	MCLENNAN	SOLAR	NORTH	2018	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
673 FIFTH GENERATION SOLAR 1		DC_FGSOLAR1	TRAVIS	SOLAR	SOUTH	2016	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
674 HIGHWAY 56		DC_HWY56_HWY56	GRAYSON	SOLAR	NORTH	2017	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
675 HM SEALY SOLAR 1		DC_SEALY_1UNIT	AUSTIN	SOLAR	SOUTH	2015	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
676 LEON		DC_LEON_LEON	HUNT	SOLAR	NORTH	2017	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
677 MARLIN		DC_MARLIN_MARLIN	FALLS	SOLAR	NORTH	2017	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
678 MARS SOLAR (DG)		DC_MARS_MARS	WEBB	SOLAR	SOUTH	2019	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
679 NORTH GAINESVILLE		DC_NGNSV1_NGAINESV	COOKE	SOLAR	NORTH	2017	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
680 OCI ALAMO 2 SOLAR-ST_HEDWIG		DC_STHWIG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
681 OCI ALAMO 3-WALZEM SOLAR		DC_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
682 POWERFIN KINGSBERRY		DC_PFK_PFKPV	TRAVIS	SOLAR	SOUTH	2017	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
683 RENEWABLE ENERGY ALTERNATIVES-CCS1		DC_COSERVSS_CCS1	DENTON	SOLAR	NORTH	2015	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
684 STERLING		DC_STRLING_STRLING	HUNT	SOLAR	NORTH	2018	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
685 SUNEDISON RABEL ROAD SOLAR		DC_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
686 SUNEDISON VALLEY ROAD SOLAR		DC_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
687 SUNEDISON CP53 SOMERSET 1 SOLAR		DC_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
688 SUNEDISON SOMERSET 2 SOLAR		DC_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
689 WALNUT SPRINGS		DC_WLNTSPRG_1UNIT	BOSQUE	SOLAR	NORTH	2016	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
690 WEST MOORE II		DC_WMOOREII_WMOOREII	GRAYSON	SOLAR	NORTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
691 WHITESBORO		DC_WBORO_WHTSBORO	GRAYSON	SOLAR	NORTH	2017	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
692 WHITESBORO II		DC_WBOROII_WHBOROII	GRAYSON	SOLAR	NORTH	2017	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
693 WHITEWRIGHT		DC_WHTRT_WHTRGHT	FANNIN	SOLAR	NORTH	2017	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
694 WHITNEY SOLAR		DC_WHITNEY_SOLAR1	BOSQUE	SOLAR	NORTH	2017	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
695 YELLOW JACKET SOLAR		DC_YLWJACKET_YLWJACKET	BOSQUE	SOLAR	NORTH	2018	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
696 <b>Operational Capacity Total (Solar)</b>							<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>	<b>1,860.8</b>
697 Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
698																	
699 <b>Operational Resources (Storage)</b>																	
700 BLUE SUMMIT BATTERY		BLSUMMIT_BATTERY	WILBARGER	STORAGE	WEST	2017	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
701 INADALE ESS		INDL_ESS	NOLAN	STORAGE	WEST	2018	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
702 NOTRES BATTERY FACILITY		NWF_NBS	WINKLER	STORAGE	WEST	2013	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
703 PYRON ESS		PYR_ESS	SCURRY	STORAGE	WEST	2018	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
704 OCI ALAMO 1		DC_OCI_ALM1_ASTRO1	BEXAR	STORAGE	SOUTH	2016	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
705 TOS BATTERY STORAGE		DC_TOSBATT_UNIT1	MIDLAND	STORAGE	WEST	2017	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
706 <b>Operational Capacity Total (Storage)</b>							<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>	<b>86.5</b>
707 Storage Peak Average Capacity Percentage		STORAGE_PEAK_PCT	%				-	-	-	-	-	-	-	-	-	-	-
708																	
709 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT					-	-	-	-	-	-	-	-	-	-	-
710																	
711 Capacity Pending Retirement		PENDRET															





UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030
<b>801 Planned Solar Resources with Executed SGIA</b>																	
802 AGATE SOLAR	20INR0023		ELLIS	SOLAR	NORTH	2020	-	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
803 ARAGORN SOLAR	19INR0088		CULBERSON	SOLAR	WEST	2021	-	-	186.3	186.3	186.3	186.3	186.3	186.3	186.3	186.3	186.3
804 BLUEBELL SOLAR (CAPRICORN RIDGE SOLAR)	16INR0019		COKE	SOLAR	WEST	2019	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
805 EMERALD GROVE SOLAR (PECOS SOLAR POWER I)	15INR0059		PECOS	SOLAR	WEST	2020	-	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
806 FOWLER RANCH	18INR0039		CRANE	SOLAR	WEST	2020	-	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
807 GALLOWAY SOLAR	19INR0121		CONCHO	SOLAR	WEST	2020	-	360.0	360.0	360.0	360.0	360.0	360.0	360.0	360.0	360.0	360.0
808 GARNET SOLAR	20INR0021		WILLIAMSON	SOLAR	SOUTH	2020	-	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
809 GREASEWOOD SOLAR	19INR0034		PECOS	SOLAR	WEST	2020	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
810 HOLSTEIN SOLAR	19INR0009		NOLAN	SOLAR	WEST	2020	-	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0
811 HOVEY (BARILLA SOLAR 1B)	12INR0059b		PECOS	SOLAR	WEST	2019	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
812 IP TITAN	20INR0032		CULBERSON	SOLAR	WEST	2021	-	-	272.0	272.0	272.0	272.0	272.0	272.0	272.0	272.0	272.0
813 JUNO SOLAR	21INR0026		BORDEN	SOLAR	WEST	2021	-	-	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0
814 LAPETUS SOLAR 2	19INR0186		ANDREWS	SOLAR	WEST	2019	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
815 LILY SOLAR	19INR0044		KAUFMAN	SOLAR	NORTH	2020	-	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
816 LONG DRAW SOLAR	18INR0055		BORDEN	SOLAR	WEST	2020	-	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0
817 MISAE SOLAR	18INR0045		CHILDRESS	SOLAR	PANHANDLE	2020	240.8	240.8	240.8	240.8	240.8	240.8	240.8	240.8	240.8	240.8	240.8
818 MISAE SOLAR II	20INR0091		CHILDRESS	SOLAR	PANHANDLE	2020	-	-	517.3	517.3	517.3	517.3	517.3	517.3	517.3	517.3	517.3
819 MUSTANG CREEK SOLAR	18INR0050		JACKSON	SOLAR	SOUTH	2020	-	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
820 NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2021	-	-	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0
821 OBERON SOLAR	19INR0083		ECTOR	SOLAR	WEST	2019	-	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
822 OXY SOLAR	19INR0184		ECTOR	SOLAR	WEST	2019	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
823 PFLUGERVILLE SOLAR	15INR0090		TRAVIS	SOLAR	SOUTH	2020	-	-	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
824 PHOEBE SOLAR	19INR0029		WINKLER	SOLAR	WEST	2019	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
825 PROSPERO SOLAR	19INR0092		ANDREWS	SOLAR	WEST	2020	-	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
826 QUEEN SOLAR	19INR0102		UPTON	SOLAR	WEST	2019	-	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
827 RAMBLER SOLAR	19INR0114		TOM GREEN	SOLAR	WEST	2019	-	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
828 RAYOS DEL SOL	19INR0045		CAMERON	SOLAR	COASTAL	2020	-	-	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
829 RE MAPLEWOOD 2A SOLAR	17INR0020a		PECOS	SOLAR	WEST	2020	-	222.0	222.0	222.0	222.0	222.0	222.0	222.0	222.0	222.0	222.0
830 RE MAPLEWOOD 2B SOLAR	17INR0020b		PECOS	SOLAR	WEST	2020	-	-	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
831 RE MAPLEWOOD 2C SOLAR	17INR0020c		PECOS	SOLAR	WEST	2021	-	-	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
832 SHAKES SOLAR	19INR0073		ZAVALA	SOLAR	SOUTH	2020	-	206.0	206.0	206.0	206.0	206.0	206.0	206.0	206.0	206.0	206.0
833 SODA LAKE SOLAR 1	18INR0040		CRANE	SOLAR	WEST	2020	-	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
834 SODA LAKE SOLAR 2	20INR0143		CRANE	SOLAR	WEST	2020	-	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
835 SPINEL SOLAR	20INR0025		MEDINA	SOLAR	SOUTH	2020	-	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
836 TAYGETE SOLAR	20INR0054		PECOS	SOLAR	WEST	2020	-	254.2	254.2	254.2	254.2	254.2	254.2	254.2	254.2	254.2	254.2
837 TAYGETE II SOLAR	21INR0233		PECOS	SOLAR	WEST	2021	-	-	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3
838 UPTON SOLAR	16INR0114		UPTON	SOLAR	WEST	2020	-	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6
839 WEST OF PECOS SOLAR	14INR0044		REEVES	SOLAR	WEST	2019	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>840 Planned Capacity Total (Solar)</b>							<b>544.4</b>	<b>4,218.2</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>	<b>7,118.1</b>
841 Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%				12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
<b>843 Planned Storage Resources with Executed SGIA</b>																	
844 CASTLE GAP BATTERY		UPTON	OTHER	WEST	2018	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
845 COMMERCE ST ESS		BEXAR	OTHER	SOUTH	2019	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
846 JOHNSON CITY BESS		BLANCO	OTHER	SOUTH	2019	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
847 JUNO STORAGE	21INR0032		BORDEN	OTHER	WEST	2021	-	-	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0
848 RABBIT HILL ENERGY STORAGE PROJECT		WILLIAMSON	OTHER	SOUTH	2019	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
<b>849 Planned Capacity Total (Storage)</b>							<b>32.1</b>	<b>32.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>	<b>527.1</b>
850 Storage Peak Average Capacity Percentage		STORAGE_PL_PEAK_PCT	%				-	-	-	-	-	-	-	-	-	-	-
<b>852 Seasonal Mothballed Resources</b>																	
853 SPENCER STG U4		SPNCR_SPNCE_4	DENTON	GAS	NORTH	1966	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
854 SPENCER STG U5		SPNCR_SPNCE_5	DENTON	GAS	NORTH	1973	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
<b>855 Total Seasonal Mothballed Capacity</b>							<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>
<b>857 Mothballed Resources</b>																	
858 J T DEELY U1 (AS OF 12/31/2018)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1977	430.0	430.0	430.0	430.0	430.0	430.0	430.0	430.0	430.0	430.0	430.0
859 J T DEELY U2 (AS OF 12/31/2018)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1978	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
860 GIBBONS CREEK U1 (AS OF 10/1/2018)		GIBCR_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0	470.0	470.0	470.0	470.0	470.0	470.0	470.0	470.0	470.0	470.0
<b>861 Total Mothballed Capacity</b>							<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>	<b>1,320.0</b>
<b>862 Retiring Resources Unavailable to ERCOT (since last CDR/SARA)*</b>																	
864 FORT WORTH METHANE LFG		DG_RDLML_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
865 MCKINNEY LFG		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
866 TRINITY OAKS LFG		DG_KLBRC_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
867 VIRIDIS ENERGY-LIBERTY LFG		DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
868 VIRIDIS ENERGY-TRINITY BAY LFG		DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
<b>869 Total Retiring Capacity</b>							<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>

Notes:

Capacity changes due to planned repower/upgrade projects are reflected in the operational units' ratings upon (1) receipt and ERCOT approval of a new Resource Asset Registration Form (RARF), or (2) the unit owner has submitted, and ERCOT has approved, a Generation Interconnection or Change Request (GINR) application, and the project modifies the installed capacity by at least 10 MW as reported in the GINR request. Projects associated with interconnection change requests that meet the 10 MW size threshold are indicated with a code in the "Generation Interconnection Project Code" column. Projects with more than one unit have capacity change amounts prorated equally across the units. These prorated capacity adjustments are temporary until project owners submit RARFs that reflect updated seasonal MW ratings for each unit.

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

\* ERCOT is now tracking and accounting for retirements of Registered DG facilities. These biomass facilities actually retired between 2014 and 2016.

## Winter Fuel Types - ERCOT

Fuel type is based on the primary fuel. Capacity contribution of the wind resources is 20% for Non-Coastal and 43% for Coastal counties, while the solar capacity contribution of the Private Use Network, and Hydro are included based on the three-year average historic for each Summer Season's 20 peak load hours. Non-Synchronous Tie resources imposed based on flows seen during Energy Emergency Alert (EEA) periods in the most recent occurrence. Non-Synchronous Tie resources are categorized as Other. Mothballed resources capacity is excluded except for Available Mothball Capacity based on a Seasonal Availability Schedule or Owner's reported Return Probability. Private Use Network is categorized as

Fuel_Type	Capacity_Pct	In MW			
		2019/2020	2020/2021	2021/2022	2022/2023
<b>Biomass</b>	<b>100%</b>	186	186	186	186
<b>Coal</b>	<b>100%</b>	14,297	14,297	14,297	14,297
<b>Gas</b>	<b>100%</b>	55,835	55,755	57,828	57,828
<b>Nuclear</b>	<b>100%</b>	5,140	5,140	5,140	5,140
<b>Other</b>	<b>67%</b>	859	859	1,191	1,191
<b>Hydro</b>	<b>82%</b>	457	457	457	457
<b>Wind</b>	<b>20%</b>	4,564	6,138	6,219	6,280
<b>Wind-C</b>	<b>43%</b>	1,445	1,938	2,013	2,013
<b>Solar</b>	<b>12%</b>	289	729	1,077	1,077
<b>Storage</b>	<b>0%</b>	-	-	-	-
<b>Total</b>		<b>83,072</b>	<b>85,500</b>	<b>88,408</b>	<b>88,469</b>

Fuel_Type	In Percentages			
	2019/2020	2020/2021	2021/2022	2022/2023
<b>Biomass</b>	0.2%	0.2%	0.2%	0.2%
<b>Coal</b>	17.2%	16.7%	16.2%	16.2%
<b>Gas</b>	67.2%	65.2%	65.4%	65.4%
<b>Nuclear</b>	6.2%	6.0%	5.8%	5.8%
<b>Other</b>	1.0%	1.0%	1.3%	1.3%
<b>Hydro</b>	0.6%	0.5%	0.5%	0.5%
<b>Wind</b>	5.5%	7.2%	7.0%	7.1%
<b>Wind-C</b>	1.7%	2.3%	2.3%	2.3%
<b>Solar</b>	0.3%	0.9%	1.2%	1.2%
<b>Storage</b>	0.0%	0.0%	0.0%	0.0%
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

## Capacity of Proposed Generation Resources Based on Interconnection Milestone Status

### Cumulative Summer Capacity Contribution (in MW) of Resources Available by June 1 of the Reporting Year

#### Planned Resource Category

	2020	2021	2022	2023	2024
Commissioning Plan Submitted	410	410	410	410	410
Planning Guide 6.9 Criteria plus completed Full Interconnect Study	2,413	2,976	2,976	2,976	2,976
Meets Planning Guide Sec. 6.9 Criteria (CDR plus TSP Financial Security Posted and Notice to Proceed)	3,321	5,097	5,180	5,180	5,180
CDR Eligible (signed IA, air permits, proof of adequate water supply)	<b>4,212</b>	<b>9,750</b>	<b>10,173</b>	<b>10,173</b>	<b>10,173</b>
Signed Interconnection Agreement with the TSP	4,212	9,750	10,916	10,916	10,916
Full Interconnect Study Requested	10,165	32,301	40,371	40,815	40,815

#### Notes:

- (1) Resource categories are listed by highest to lowest likelihood that the resource capacity will be in commercial operation in the reported year. For example, resources in the Commissioning Plan Submitted category have reached the "substantially completed construction" phase, and associated transmission switchyard facilities are operational. Conversely, resources in the Full Interconnection Study Requested category include projects that are generally in the development proposal stage and have a significant risk of interconnection request cancellation or project development delays.
- (2) The data presented here is based upon the latest information provided to ERCOT by resource developers and can change without notice.
- (3) Resource developers may execute an Interconnection Agreement with a TSP prior to completion of the Full Interconnection Study. This is most common with wind and solar projects.
- (4) Wind and solar resource capacities reflect their estimated summer on-peak average values as determined by the methodologies in Protocol section 3.2.6.2.2.
- (5) Battery storage projects are assumed to provide no seasonal sustained peak-hour capacity contributions, and are thus reported as zero MW.

## Capacity, Demand and Reserves, Summer 2025 Through Winter 2029/2030

The summer and winter capacity summaries below show the reserve margin impact of not adding any new resources during the latter half of the CDR forecast period. Since project developers typically submit interconnection requests no more than three to five years before the facility is expected to enter commercial operations, reserve margins reported beyond this window always show a declining trend. Also note that the reserve margin impact of potential future unit retirements and associated market responses to replace retired units are not accounted for here or elsewhere in this CDR report.

Summer					
	2025	2026	2027	2028	2029
<b>Load Forecast, MW:</b>					
Summer Peak Demand (based on normal weather)	85,732	87,345	88,913	90,426	91,914
plus: Energy Efficiency Program Savings Forecast	3,138	3,376	3,704	3,922	4,230
Total Summer Peak Demand (before Reductions from Energy Efficiency Programs)	88,870	90,721	92,617	94,348	96,144
less: Load Resources providing Responsive Reserves	-1,173	-1,173	-1,173	-1,173	-1,173
less: Load Resources providing Non-Spinning Reserves	0	0	0	0	0
less: Emergency Response Service (10- and 30-min ramp products)	-749	-749	-749	-749	-749
less: TDSP Standard Offer Load Management Programs	-219	-219	-219	-219	-219
less: Energy Efficiency Program Savings Forecast	-3,138	-3,376	-3,704	-3,922	-4,230
<b>Firm Peak Load, MW</b>	<b>83,591</b>	<b>85,204</b>	<b>86,772</b>	<b>88,285</b>	<b>89,773</b>
<b>Resources, MW:</b>					
Installed Capacity, Thermal/Hydro	65,284	65,284	65,284	65,284	65,284
Switchable Generation Resource Capacity, MW	3,514	3,514	3,514	3,514	3,514
less: Switchable Capacity Unavailable to ERCOT, MW	-542	-542	-542	-542	-542
Available Mothballed Capacity, MW	0	0	0	0	0
Capacity from Private Use Networks	3,123	3,123	3,123	3,123	3,123
Non-Coastal Wind, Peak Average Capacity Contribution (15% of installed capacity)	2,887	2,887	2,887	2,887	2,887
Coastal Wind, Peak Average Capacity Contribution (58% of installed capacity)	1,636	1,636	1,636	1,636	1,636
Solar Utility-Scale, Peak Average Capacity Contribution (74% of installed capacity)	1,377	1,377	1,377	1,377	1,377
Storage, Peak Average Capacity Contribution (0% of installed capacity)	0	0	0	0	0
RMR Capacity to be under Contract	0	0	0	0	0
Capacity Pending Retirement, MW	0	0	0	0	0
<b>Operational Generation Capacity, MW</b>	<b>77,278</b>	<b>77,278</b>	<b>77,278</b>	<b>77,278</b>	<b>77,278</b>
Non-Synchronous Ties, Capacity Contribution (75% of installed capacity)	938	938	938	938	938
Planned Thermal Resources with Signed IA, Air Permits and Water Rights, MW	2,012	2,012	2,012	2,012	2,012
Planned Non-Coastal Wind with Signed IA, Peak Average Capacity Contribution (15% of installed capacity)	1,814	1,814	1,814	1,814	1,814
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution (58% of installed capacity)	1,079	1,079	1,079	1,079	1,079
Planned Solar Utility-Scale, Peak Average Capacity Contribution (74% of installed capacity)	5,267	5,267	5,267	5,267	5,267
Planned Storage, Peak Average Capacity Contribution (0% of installed capacity)	0	0	0	0	0
<b>Total Capacity, MW</b>	<b>88,389</b>	<b>88,389</b>	<b>88,389</b>	<b>88,389</b>	<b>88,389</b>
<b>Reserve Margin</b>	<b>5.7%</b>	<b>3.7%</b>	<b>1.9%</b>	<b>0.1%</b>	<b>-1.5%</b>
(Total Resources - Firm Load Forecast) / Firm Load Forecast					

**Winter**

<b>Load Forecast, MW:</b>	<u>2024/2025</u>	<u>2025/2026</u>	<u>2026/2027</u>	<u>2027/2028</u>	<u>2028/2029</u>
Winter Peak Demand (based on normal weather)	69,407	70,949	72,477	73,951	75,394
plus: Energy Efficiency Program Savings Forecast	3,138	3,376	3,704	3,922	4,230
<b>Total Winter Peak Demand (before Reductions from Energy Efficiency Programs)</b>	<b>72,545</b>	<b>74,325</b>	<b>76,181</b>	<b>77,873</b>	<b>79,624</b>
less: Load Resources providing Responsive Reserves	-1,723	-1,723	-1,723	-1,723	-1,723
less: Load Resources providing Non-Spinning Reserves	0	0	0	0	0
less: Emergency Response Service (10- and 30-min ramp products)	-1,061	-1,061	-1,061	-1,061	-1,061
less: TDSP Standard Offer Load Management Programs	0	0	0	0	0
less: Energy Efficiency Program Savings Forecast	-3,138	-3,376	-3,704	-3,922	-4,230
<b>Firm Peak Load, MW</b>	<b>66,623</b>	<b>68,166</b>	<b>69,693</b>	<b>71,168</b>	<b>72,611</b>

<b>Resources, MW:</b>	<u>2024/2025</u>	<u>2025/2026</u>	<u>2026/2027</u>	<u>2027/2028</u>	<u>2028/2029</u>
Installed Capacity, Thermal/Hydro	68,847	68,847	68,847	68,847	68,847
Switchable Generation Resource Capacity, MW	3,746	3,746	3,746	3,746	3,746
less: Switchable Capacity Unavailable to ERCOT	-568	-568	-568	-568	-568
Available Mothballed Capacity	0	0	0	0	0
Capacity from Private Use Networks	3,610	3,610	3,610	3,610	3,610
Non-Coastal Wind, Peak Average Capacity Contribution (20% of installed capacity)	3,849	3,849	3,849	3,849	3,849
Coastal Wind, Peak Average Capacity Contribution (43% of installed capacity)	1,213	1,213	1,213	1,213	1,213
Solar Utility-Scale, Peak Average Capacity Contribution (12% of installed capacity)	223	223	223	223	223
Storage, Peak Average Capacity Contribution (0%)	0	0	0	0	0
RMR Capacity to be under Contract	0	0	0	0	0
Capacity Pending Retirement, MW	0	0	0	0	0
<b>Operational Generation Capacity, MW</b>	<b>80,920</b>	<b>80,920</b>	<b>80,920</b>	<b>80,920</b>	<b>80,920</b>
Non-Synchronous Ties, Capacity Contribution (67% of installed capacity)	838	838	838	838	838
Planned Resources (not wind or solar) with Signed IA, Air Permits and Water Rights	2,018	2,018	2,018	2,018	2,018
Planned Non-Coastal Wind with Signed IA, Peak Average Capacity Contribution (20% of installed capacity)	2,431	2,431	2,431	2,431	2,431
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution (43% of installed capacity)	800	800	800	800	800
Planned Solar Utility-Scale, Peak Average Capacity Contribution (12% of installed capacity)	854	854	854	854	854
Planned Storage, Peak Average Capacity Contribution (0%)	0	0	0	0	0
<b>Total Capacity, MW</b>	<b>87,861</b>	<b>87,861</b>	<b>87,861</b>	<b>87,861</b>	<b>87,861</b>

<b>Reserve Margin</b>	<b>31.9%</b>	<b>28.9%</b>	<b>26.1%</b>	<b>23.5%</b>	<b>21.0%</b>
(Total Resources - Firm Load Forecast) / Firm Load Forecast					