

Release Date: March 25, 2021

**PRELIMINARY**  
**Seasonal Assessment of Resource Adequacy for the ERCOT Region (SARA)**  
**Summer 2021**

## SUMMARY

Based on information provided by generation owners to ERCOT, the grid operator anticipates there will be sufficient generation to meet the summer 2021 peak demand based on expected system conditions. ERCOT's summer season is June through September.

"ERCOT will benefit from growth in generation resources, but forecasts are also showing another record-breaking summer on the demand side," said ERCOT's Vice President of Grid Planning and Operations Woody Rickerson. "Overall, power reserves are in a better position heading into this summer compared to the past few years."

ERCOT is traditionally a summer peaking region, and generators in Texas are typically built to maximize performance during hot weather conditions.

With continued economic growth across the state, ERCOT anticipates a summer 2021 peak demand of 77,144 MW, which would be a new system-wide peak demand record for the region. Based on the December Capacity, Demand and Reserves Report, the reserve margin is expected to reach 15.5% by summer, up from 12.6% in 2020 and just 8.6% in 2019.

ERCOT anticipates there will be nearly 87,000 MW of resource capacity available for summer peak, including 5,489 MW of planned summer-rated capacity (i.e., gas-fired, utility-scale solar and wind). Additionally, ERCOT expects to have 939 MW of operational battery storage resources, which includes 717 MW of planned additions. While some of these battery storage resources may help meet customer demand, they are not currently included in ERCOT's capacity contributions for summer.

## New Extreme Scenarios & EEA Reserve Capacity

In response to the unprecedented, extreme winter weather event in February that forced half of the generation in ERCOT to go offline, ERCOT has added a new section in the preliminary summer SARA that includes more extreme scenarios that could lead to energy emergencies and the possibility of controlled outages. These extreme scenarios consist of combinations of high system risk assumptions derived from historical data, and while there is a low probability that they will occur, they would be high-impact events.

"We recently experienced a terrible tragedy, and ERCOT is committed to working with legislators, regulators and stakeholders on how to prepare for more extreme outcomes moving forward," said Rickerson. "We must strike a balance between communicating the possibility of these types of conditions and providing realistic seasonal expectations."

While there is always a risk of emergency conditions and outages, that risk increases based on a combination of factors, including record demand resulting from extreme temperatures, high thermal generation outages and low wind/solar output.

The preliminary summer SARA also shows the adjusted amount of reserve capacity expected to be available if ERCOT enters into emergency conditions. When ERCOT enters into an Energy Emergency Alert, or EEA, it has approximately 2,300 MW of additional resources that only become available when an EEA is declared by the grid operator.

The final summer SARA report will be released in early May.

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**Forecasted Capacity and Demand**

Resources, MW		
Operational Resources (thermal and hydro)	63,657	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Switchable Capacity Total	3,490	Installed capacity of units that can interconnect with other Regions and are available to ERCOT
Less Switchable Capacity Unavailable to ERCOT	(434)	Based on survey responses of Switchable Resource owners
Available Mothballed Capacity	588	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Capacity from Private Use Networks	3,210	Average grid injection during the top 20 summer peak load hours over the last three years, plus the forecasted net change in generation capacity available to the ERCOT grid pursuant to Nodal Protocol Section 10.3.2.4.
Coastal Wind, Peak Average Capacity Contribution	2,188	Based on 61% of installed capacity for coastal wind resources (summer season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Panhandle Wind, Peak Average Capacity Contribution	1,279	Based on 29% of installed capacity for panhandle wind resources (summer season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Other Wind, Peak Average Capacity Contribution	3,223	Based on 19% of installed capacity for other wind resources (summer season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Solar Utility-Scale, Peak Average Capacity Contribution	3,368	Based on 80% of rated capacity for solar resources (summer season) per Nodal Protocols Section 3.2.6.2.2
Storage, Peak Average Capacity Contribution	0	Based on 0% of rated capacity (summer season); resources assumed to provide Ancillary Services rather than sustained capacity available to meet peak loads
RMR Capacity to be under Contract	0	Based on the capacity of Resources providing Reliability Must Run (RMR) Service during the summer season
Capacity Pending Retirement	0	Announced retired capacity that is undergoing ERCOT grid reliability reviews pursuant to Nodal Protocol Section 3.14.1.2
Non-Synchronous Ties, Capacity Contribution	850	Based on net imports during summer 2019 Energy Emergency Alert (EEA) intervals
Planned Thermal Resources with Signed IA, Air Permits and Water Rights	895	Based on in-service dates provided by developers
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution	829	Based on in-service dates provided by developers and 61% summer capacity contribution for coastal wind resources
Planned Panhandle Wind with Signed IA, Peak Average Capacity Contribution	0	Based on in-service dates provided by developers and 29% summer capacity contribution for panhandle wind resources
Planned Other Wind with Signed IA, Peak Average Capacity Contribution	1,047	Based on in-service dates provided by developers and 19% summer capacity contribution for other wind resources
Planned Solar Utility-Scale, Peak Average Capacity Contribution	2,718	Based on in-service dates provided by developers and 80% summer capacity contribution for solar resources
Planned Storage, Peak Average Capacity Contribution	0	Based on in-service dates provided by developers and 0% summer capacity contribution for storage resources
[a] Total Resources, MW	86,908	
Peak Demand, MW	77,244	Based on average weather conditions at the time of the May peak demand from 2005 – 2019, and updated to reflect a revised economic growth forecast prepared in April 2020
Incremental Rooftop PV Forecast, MW	100	Based on rooftop solar PV capacity during the peak load hour that is not already included in the peak load forecast
[b] Adjusted Peak Demand, MW	77,144	
[c] Reserve Capacity [a - b], MW	9,764	

### Reserve Capacity Risk Scenarios

	Expected Peak Load/ Expected Generation Outages/ Expected Wind Output	Expected Peak Load/ High Generation Outages/ Expected Wind Output	High Peak Load/ Expected Generation Outages/ Expected Wind Output	Expected Peak Load/ Expected Generation Outages/ Low Wind Output	
<b>Scenario Adjustments</b>	<b>Description</b>				
Typical Maintenance Outages, Thermal/Hydro	26	26	26	26	Based on the historical average of planned outages for July through August weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2018 - 2020). Outage history excludes units that are not expected to be in-service for the peak period of the upcoming seasons. Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.
Typical Forced Outages, Thermal/Hydro	3,578	3,578	3,578	3,578	Based on historical average of forced outages for June through September weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2018 - 2020). Outage history excludes units that are not expected to be in-service for the peak period of the upcoming seasons. Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.
High Load Adjustment based on 2011 Summer Weather (Approximates 90th Percentile Forecast)	-	-	2,934	-	Based on 2011 summer weather conditions and COVID-19 impact; the high summer forecast is 80,178 MW. The adjustment is the difference between the Peak Demand and the high Peak Demand forecasts
High Forced Outage Adjustment, Thermal/Hydro	-	2,605	-	-	Based on the 95th percentile of historical forced outages for June through September weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2018 - 2020); the adjustment is the 95th percentile value, 6,183 MW, less the typical forced outage amount of 3,578 MW. Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.
Low Wind Output Adjustment	-	-	-	6,577	Based on the 5th percentile of hourly wind capacity factors (output as a percentage of installed capacity) associated with the 100 highest Net Load hours (Load minus wind output) for the 2016-2020 summer Peak Load seasons; this low wind output level is 1,988 MW
Low Solar Output Adjustment	-	-	-	-	Based on the lowest hourly solar output that occurred during July and August 2020 for hours ending 1 pm - 6 pm, which was 1,475 MW; also reflects scaling up the output by 658 MW to also reflect low output for planned solar projects with projected Commercial Operations Dates up to and including July 1, 2021; the total low solar output is 2,133 MW
Extreme Forced Outage Adjustment, Thermal/Hydro	-	-	-	-	Based on the highest hourly Forced Outage amount experienced during 2011-2020 as a percentage of the aggregate summer capacity ratings for thermal and hydro resources. This percentage is 16%. The extreme Forced Outage amount is 10,696 MW, which is 16% times the net thermal/hydro capacity (the sum of capacities in rows 7 through 9). The adjustment is 10,696 MW less the sum of the typical plus high Forced Outage scenario amounts.
[d] Total Uses of Reserve Capacity		3,603	6,209	6,537	10,181

### Capacity Available For Operating Reserves

(n/a = not applicable for the risk scenario)

[e] Capacity Available for Operating Reserves, Normal Operating Conditions (c-d), MW Less than 2,300 MW indicates risk of EEA1	6,160	3,555	3,226	(417)	See the Background tab for additional details
[f] EEA Resources deployed by ERCOT	n/a	n/a	n/a	2,341	Consists of the sum of expected Load Resources Available for Responsive Reserves (1,173 MW, which reflects a 2% gross-up to account for avoided transmission losses), Emergency Response Service (811 MW, which reflects a 2% gross-up to account for avoided transmission losses), Transmission and Distribution Service Provider (TDSP) load management programs (257 MW) and TDSP Voltage Reduction (100 MW). Other resources that may be available include voluntary customer Demand Response, switchable generation resources currently serving the Eastern Interconnection, and additional DC tie imports.
[g] Capacity Available for Operating Reserves, Emergency Conditions (e+f), MW Less than 1,000 MW indicates risk of EEA3 Load Shed	n/a	n/a	n/a	1,924	See the Background tab for additional details

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**Extreme Reserve Capacity Risk Scenarios**

(Combinations of high and/or extreme risk assumptions resulting in low probability, high impact outcomes)

Scenario Adjustments	High Peak Load/ High Generation Outages/ Low Wind Output/ Expected Solar Output	High Peak Load/ High Generation Outages/ Low Wind Output/ Low Solar Output	Extreme Peak Load/ Extreme Generation Outages/ Low Wind Output/ Low Solar Output	Description
Typical Maintenance Outages, Thermal/Hydro	26	26	26	Based on the historical average of planned outages for July through August weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2018 - 2020). Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.
Typical Forced Outages, Thermal/Hydro	3,578	3,578	3,578	Based on historical average of forced outages for June through September weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2018 - 2020). Outage history excludes units that are not expected to be in-service for the peak period of the upcoming seasons. Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.
High Load Adjustment based on 2011 Summer Weather (Approximates 90th Percentile Forecast)	2,934	2,934	-	Based on 2011 summer weather conditions and COVID-19 impact; the high summer forecast is 80,178 MW. The adjustment is the difference between the Peak Demand and the high Peak Demand forecasts
High Forced Outage Adjustment, Thermal/Hydro	2,605	2,605	2,605	Based on the 95th percentile of historical forced outages for June through September weekdays, hours ending 3 pm - 8 pm, for the last three summer seasons (2018 - 2020); the adjustment is the 95th percentile value, 6,183 MW, less the typical forced outage amount of 3,578 MW. Outage history excludes units that are not expected to be available for the peak period of the upcoming seasons. These unavailable units are comprised of units that have retired, have announced upcoming retirements, are under extended outage, are mothballed, or are unavailable switchable generators.
Low Wind Output Adjustment	6,577	6,577	6,577	Based on the 5th percentile of hourly wind capacity factors (output as a percentage of installed capacity) associated with the 100 highest Net Load hours (Load minus wind output) for the 2016-2020 summer Peak Load seasons; this low wind output level is 1,988 MW
Low Solar Output Adjustment	-	3,953	3,953	Based on the lowest hourly solar output that occurred during July and August 2020 for hours ending 1 pm - 6 pm, which was 1,475 MW; also reflects scaling up the output by 658 MW to reflect low output for planned solar projects; the total low solar output is 2,133 MW
Extreme Load Adjustment based on 2011 Summer Weather and State-wide Heat Wave	-	-	4,911	Based on 2011 weather conditions, and also assumes that a severe heat wave occurs simultaneously across the entire state. This amount, 82,155 MW, is determined by adding the weather zones' non-coincident peak forecasts, which removes load diversity across the ERCOT region. The adjustment is 82,155 MW less the Peak Demand Forecast, 77,244 MW.
Extreme Forced Outage Adjustment, Thermal/Hydro	-	-	4,491	Based on the highest hourly Forced Outage amount experienced during 2011-2020 as a percentage of the aggregate summer capacity ratings for thermal and hydro resources. This percentage is 16%. The extreme Forced Outage amount is 10,696 MW, which is 16% times the net thermal/hydro capacity (the sum of capacities in rows 7 through 9 on the Scenarios tab). The adjustment is 10,696 MW less the sum of the typical plus high Forced Outage scenario amounts.
[d] Total Uses of Reserve Capacity	15,720	19,673	26,141	

**Capacity Available For Operating Reserves**

[e] Capacity Available for Operating Reserves, Normal Operating Conditions (Scenarios tab c-d), MW Less than 2,300 MW indicates risk of EEA1	(5,956)	(9,909)	(16,378)	See the Background tab for additional details
[f] EEA Resources deployed by ERCOT	2,341	2,341	2,341	Consists of the sum of expected Load Resources Available for Responsive Reserves (1,173 MW, which reflects a 2% gross-up to account for avoided transmission losses), Emergency Response Service (811 MW, which reflects a 2% gross-up to account for avoided transmission losses), Transmission and Distribution Service Provider (TDSP) load management programs (257 MW) and TDSP Voltage Reduction (100 MW). Other resources that may be available include voluntary customer Demand Response, switchable generation resources currently serving the Eastern Interconnection, and additional DC tie imports.
[g] Capacity Available for Operating Reserves, Emergency Conditions (e+f), MW Less than 1,000 MW indicates risk of EEA3 Load Shed	(3,615)	(7,568)	(14,037)	See the Background tab for additional details

## Unit Capacities - Summer

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
<b>Operational Resources (Thermal)</b>							
4 COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,205.0
5 COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,195.0
6 SOUTH TEXAS U1	20INR0287	STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,293.2
7 SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,280.0
8 COLETO CREEK		COLETICOLETOG1	GOLIAD	COAL	SOUTH	1980	655.0
9 FAYETTE POWER U1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	604.0
10 FAYETTE POWER U2		FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	599.0
11 FAYETTE POWER U3		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	437.0
12 J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	560.0
13 J K SPRUCE U2		CALAVERS_JKS2	BEXAR	COAL	SOUTH	2010	785.0
14 LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	824.0
15 LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	836.0
16 MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	800.0
17 MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	805.0
18 MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	805.0
19 OAK GROVE SES U1		OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	855.0
20 OAK GROVE SES U2		OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	855.0
21 SAN MIGUEL U1		SANMIGL_G1	ATASCOSA	COAL	SOUTH	1982	391.0
22 SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	932.6
23 TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	155.0
24 TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	155.0
25 W A PARISH U5		WAP_WAP_G5	FORT BEND	COAL	HOUSTON	1977	664.0
26 W A PARISH U6		WAP_WAP_G6	FORT BEND	COAL	HOUSTON	1978	663.0
27 W A PARISH U7		WAP_WAP_G7	FORT BEND	COAL	HOUSTON	1980	577.0
28 W A PARISH U8		WAP_WAP_G8	FORT BEND	COAL	HOUSTON	1982	610.0
29 ARTHUR VON ROSENBERG 1 CTG 1		BRAUNIG_AVR1_CT1	BEXAR	GAS-CC	SOUTH	2000	164.0
30 ARTHUR VON ROSENBERG 1 CTG 2		BRAUNIG_AVR1_CT2	BEXAR	GAS-CC	SOUTH	2000	164.0
31 ARTHUR VON ROSENBERG 1 STG		BRAUNIG_AVR1_ST	BEXAR	GAS-CC	SOUTH	2000	190.0
32 ATKINS CTG 7		ATKINS_ATKNSG7	BRAZOS	GAS-GT	NORTH	1973	18.0
33 BARNEY M DAVIS CTG 3	20INR0312	B_DAVIS_B_DAVIG3	NUECES	GAS-CC	COASTAL	2010	157.0
34 BARNEY M DAVIS CTG 4	20INR0312	B_DAVIS_B_DAVIG4	NUECES	GAS-CC	COASTAL	2010	157.0
35 BARNEY M DAVIS STG 1	20INR0312	B_DAVIS_B_DAVIG1	NUECES	GAS-ST	COASTAL	1974	300.0
36 BARNEY M DAVIS STG 2	20INR0312	B_DAVIS_B_DAVIG2	NUECES	GAS-CC	COASTAL	1976	319.0
37 BASTROP ENERGY CENTER CTG 1		BASTEN_GTG1100	BASTROP	GAS-CC	SOUTH	2002	150.0
38 BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS-CC	SOUTH	2002	150.0
39 BASTROP ENERGY CENTER STG		BASTEN_ST0100	BASTROP	GAS-CC	SOUTH	2002	233.0
40 BOSQUE ENERGY CENTER CTG 1		BOSQUESW_BSQUS1_1	BOSQUE	GAS-CC	NORTH	2000	143.0
41 BOSQUE ENERGY CENTER CTG 2		BOSQUESW_BSQUS1_2	BOSQUE	GAS-CC	NORTH	2000	143.0
42 BOSQUE ENERGY CENTER CTG 3		BOSQUESW_BSQUS1_3	BOSQUE	GAS-CC	NORTH	2001	145.0
43 BOSQUE ENERGY CENTER STG 4		BOSQUESW_BSQUS1_4	BOSQUE	GAS-CC	NORTH	2001	79.5
44 BOSQUE ENERGY CENTER STG 5		BOSQUESW_BSQUS1_5	BOSQUE	GAS-CC	NORTH	2009	213.5
45 BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS-CC	HOUSTON	2003	149.7
46 BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS-CC	HOUSTON	2003	149.7
47 BRAZOS VALLEY STG 3		BVE_UNIT3	FORT BEND	GAS-CC	HOUSTON	2003	257.9
48 CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS-CC	WEST	1987	75.0
49 CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS-CC	WEST	1987	75.0
50 CALENERGY-FALCON SEABOARD STG 3		FLCNS_UNIT3	HOWARD	GAS-CC	WEST	1988	70.0
51 CALHOUN (PORT COMFORT) CTG 1		CALHOUN_UNIT1	CALHOUN	GAS-GT	COASTAL	2017	44.0
52 CALHOUN (PORT COMFORT) CTG 2		CALHOUN_UNIT2	CALHOUN	GAS-GT	COASTAL	2017	44.0
53 CASTLEMAN CHAMON CTG 1		CHAMON_CTDG_0101	HARRIS	GAS-GT	HOUSTON	2017	44.0
54 CASTLEMAN CHAMON CTG 2		CHAMON_CTDG_0301	HARRIS	GAS-GT	HOUSTON	2017	44.0
55 CEDAR BAYOU 4 CTG 1		CBY4_CT41	CHAMBERS	GAS-CC	HOUSTON	2009	163.0
56 CEDAR BAYOU 4 CTG 2		CBY4_CT42	CHAMBERS	GAS-CC	HOUSTON	2009	163.0
57 CEDAR BAYOU 4 STG		CBY4_ST04	CHAMBERS	GAS-CC	HOUSTON	2009	178.0
58 CEDAR BAYOU STG 1		CBY_CBY_G1	CHAMBERS	GAS-ST	HOUSTON	1970	745.0
59 CEDAR BAYOU STG 2		CBY_CBY_G2	CHAMBERS	GAS-ST	HOUSTON	1972	749.0
60 COLORADO BEND ENERGY CENTER CTG 1		CBEC_GT1	WHARTON	GAS-CC	SOUTH	2007	79.9
61 COLORADO BEND ENERGY CENTER CTG 2		CBEC_GT2	WHARTON	GAS-CC	SOUTH	2007	71.9
62 COLORADO BEND ENERGY CENTER CTG 3		CBEC_GT3	WHARTON	GAS-CC	SOUTH	2008	78.9
63 COLORADO BEND ENERGY CENTER CTG 4		CBEC_GT4	WHARTON	GAS-CC	SOUTH	2008	72.9
64 COLORADO BEND ENERGY CENTER STG 1		CBEC_STG1	WHARTON	GAS-CC	SOUTH	2007	102.0
65 COLORADO BEND ENERGY CENTER STG 2		CBEC_STG2	WHARTON	GAS-CC	SOUTH	2008	107.0
66 COLORADO BEND II CTG 7	18INR0077	CBECII_CT7	WHARTON	GAS-CC	SOUTH	2017	329.3
67 COLORADO BEND II CTG 8	18INR0077	CBECII_CT8	WHARTON	GAS-CC	SOUTH	2017	335.0
68 COLORADO BEND II STG 9	18INR0077	CBECII_STG9	WHARTON	GAS-CC	SOUTH	2017	478.4
69 CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS-CC	HOUSTON	2008	169.0
70 CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS-CC	HOUSTON	2008	165.0
71 CVC CHANNELVIEW CTG 3		CVC_CVC_G3	HARRIS	GAS-CC	HOUSTON	2008	165.0
72 CVC CHANNELVIEW STG 5		CVC_CVC_G5	HARRIS	GAS-CC	HOUSTON	2008	144.0
73 DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS-GT	NORTH	2004	45.0
74 DANSBY CTG 3		DANSBY_DANSBYG3	BRAZOS	GAS-GT	NORTH	2010	47.0
75 DANSBY STG 1		DANSBY_DANSBYG1	BRAZOS	GAS-ST	NORTH	1978	107.0
76 DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS-GT	SOUTH	1989	48.0
77 DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS-GT	SOUTH	1989	48.0
78 DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS-GT	SOUTH	1989	48.0
79 DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS-GT	SOUTH	1989	48.0
80 DECKER CREEK STG 2		DECKER_DPG2	TRAVIS	GAS-ST	SOUTH	1978	420.0
81 DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS-GT	NORTH	1990	69.0
82 DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS-GT	NORTH	1990	69.0
83 DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS-GT	NORTH	1990	68.0
84 DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS-GT	NORTH	1990	69.0
85 DEER PARK ENERGY CENTER CTG 1		DDPEC_GT1	HARRIS	GAS-CC	HOUSTON	2002	172.0
86 DEER PARK ENERGY CENTER CTG 2		DDPEC_GT2	HARRIS	GAS-CC	HOUSTON	2002	182.0
87 DEER PARK ENERGY CENTER CTG 3		DDPEC_GT3	HARRIS	GAS-CC	HOUSTON	2002	172.0
88 DEER PARK ENERGY CENTER CTG 4		DDPEC_GT4	HARRIS	GAS-CC	HOUSTON	2002	182.0
89 DEER PARK ENERGY CENTER CTG 6		DDPEC_GT6	HARRIS	GAS-CC	HOUSTON	2014	156.0
90 DEER PARK ENERGY CENTER STG 1		DDPEC_ST1	HARRIS	GAS-CC	HOUSTON	2002	287.0
91 DENTON ENERGY CENTER IC A		DEC_AGR_A	DENTON	GAS-IC	NORTH	2018	56.5
92 DENTON ENERGY CENTER IC B		DEC_AGR_B	DENTON	GAS-IC	NORTH	2018	56.5
93 DENTON ENERGY CENTER IC C		DEC_AGR_C	DENTON	GAS-IC	NORTH	2018	56.5
94 DENTON ENERGY CENTER IC D		DEC_AGR_D	DENTON	GAS-IC	NORTH	2018	56.5
95 ECTOR COUNTY ENERGY CTG 1		ECEC_G1	ECTOR	GAS-GT	WEST	2015	147.0
96 ECTOR COUNTY ENERGY CTG 2		ECEC_G2	ECTOR	GAS-GT	WEST	2015	147.0
97 ELK STATION IC 3		AEEC_ELK_3	HALE	GAS-IC	PANHANDLE	2016	190.0
98 ENNIS POWER STATION CTG 2		ETCCS_CT1	ELLIS	GAS-CC	NORTH	2002	204.0
99 ENNIS POWER STATION STG 1		ETCCS_UNIT1	ELLIS	GAS-CC	NORTH	2002</td	

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
118 FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS-CC	NORTH	2002	145.0
119 FREESTONE ENERGY CENTER STG 3		FREC_ST3	FREESTONE	GAS-CC	NORTH	2002	169.0
120 FREESTONE ENERGY CENTER STG 6		FREC_ST6	FREESTONE	GAS-CC	NORTH	2002	168.0
121 FRIENDSWOOD G CTG 1 (FORMERLY TEJAS POWER GENERATION)		FEGC_UNIT1	HARRIS	GAS-GT	HOUSTON	2018	119.0
122 GRAHAM STG 1		GRSES_UNIT1	YOUNG	GAS-ST	WEST	1960	234.0
123 GRAHAM STG 2		GRSES_UNIT2	YOUNG	GAS-ST	WEST	1969	390.0
124 GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS-GT	HOUSTON	1976	56.0
125 GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS-GT	HOUSTON	1976	56.0
126 GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS-GT	HOUSTON	1976	56.0
127 GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS-GT	HOUSTON	1976	50.0
128 GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS-GT	HOUSTON	1976	56.0
129 GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS-GT	HOUSTON	1976	56.0
130 GREENVILLE IC ENGINE PLANT IC 1		STEAM_ENGINE_1	HUNT	GAS-IC	NORTH	2010	8.2
131 GREENVILLE IC ENGINE PLANT IC 2		STEAM_ENGINE_2	HUNT	GAS-IC	NORTH	2010	8.2
132 GREENVILLE IC ENGINE PLANT IC 3		STEAM_ENGINE_3	HUNT	GAS-IC	NORTH	2010	8.2
133 GUADALUPE ENERGY CENTER CTG 1		GUADG_GAS1	GUADALUPE	GAS-CC	SOUTH	2000	143.0
134 GUADALUPE ENERGY CENTER CTG 2		GUADG_GAS2	GUADALUPE	GAS-CC	SOUTH	2000	143.0
135 GUADALUPE ENERGY CENTER CTG 3		GUADG_GAS3	GUADALUPE	GAS-CC	SOUTH	2000	141.0
136 GUADALUPE ENERGY CENTER CTG 4		GUADG_GAS4	GUADALUPE	GAS-CC	SOUTH	2000	141.0
137 GUADALUPE ENERGY CENTER STG 5		GUADG_STM5	GUADALUPE	GAS-CC	SOUTH	2000	198.0
138 GUADALUPE ENERGY CENTER STG 6		GUADG_STM6	GUADALUPE	GAS-CC	SOUTH	2000	198.0
139 HANDLEY STG 3		HLSES_UNIT3	TARRANT	GAS-ST	NORTH	1963	395.0
140 HANDLEY STG 4		HLSES_UNIT4	TARRANT	GAS-ST	NORTH	1976	435.0
141 HANDLEY STG 5		HLSES_UNIT5	TARRANT	GAS-ST	NORTH	1977	435.0
142 HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS-CC	SOUTH	2002	210.0
143 HAYS ENERGY FACILITY CSG 2		HAYSEN_HAYSENG2	HAYS	GAS-CC	SOUTH	2002	211.0
144 HAYS ENERGY FACILITY CSG 3		HAYSEN_HAYSENG3	HAYS	GAS-CC	SOUTH	2002	210.0
145 HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS-CC	SOUTH	2002	213.0
146 HIDALGO ENERGY CENTER CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS-CC	SOUTH	2000	149.0
147 HIDALGO ENERGY CENTER CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS-CC	SOUTH	2000	149.0
148 HIDALGO ENERGY CENTER STG 1		DUKE_DUKE_ST1	HIDALGO	GAS-CC	SOUTH	2000	168.0
149 JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS-CC	NORTH	2006	155.0
150 JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS-CC	NORTH	2006	155.0
151 JACK COUNTY GEN FACILITY CTG 3		JCKCNTY2_CT3	JACK	GAS-CC	NORTH	2011	150.0
152 JACK COUNTY GEN FACILITY CTG 4		JCKCNTY2_CT4	JACK	GAS-CC	NORTH	2011	150.0
153 JACK COUNTY GEN FACILITY STG 1		JACKCNTY_STG	JACK	GAS-CC	NORTH	2006	295.0
154 JACK COUNTY GEN FACILITY STG 2		JCKCNTY2_ST2	JACK	GAS-CC	NORTH	2011	295.0
155 JOHNSON COUNTY GEN FACILITY CTG 1		TEN_CT1	JOHNSON	GAS-CC	NORTH	1997	163.0
156 JOHNSON COUNTY GEN FACILITY STG 1		TEN_STG	JOHNSON	GAS-CC	NORTH	1997	106.0
157 LAKE HUBBARD STG 1		LHSES_UNIT1	DALLAS	GAS-ST	NORTH	1970	392.0
158 LAKE HUBBARD STG 2		LHSES_UNIT2A	DALLAS	GAS-ST	NORTH	1973	523.0
159 LAMAR ENERGY CENTER CTG 11		LPCCS_CT11	LAMAR	GAS-CC	NORTH	2000	153.0
160 LAMAR ENERGY CENTER CTG 12		LPCCS_CT12	LAMAR	GAS-CC	NORTH	2000	145.0
161 LAMAR ENERGY CENTER CTG 21		LPCCS_CT21	LAMAR	GAS-CC	NORTH	2000	145.0
162 LAMAR ENERGY CENTER CTG 22		LPCCS_UNIT1	LAMAR	GAS-CC	NORTH	2000	153.0
163 LAMAR ENERGY CENTER STG 1		LPCCS_UNIT2	LAMAR	GAS-CC	NORTH	2000	204.0
164 LAMAR ENERGY CENTER STG 2		LARDVFTN_G4	WEBB	GAS-GT	SOUTH	2008	90.1
165 LAREDO CTG 4		LARDVFTN_G5	WEBB	GAS-GT	SOUTH	2008	87.3
166 LAREDO CTG 5		LEON_CRK_LCPCT1	BEXAR	GAS-GT	SOUTH	2004	46.0
167 LEON CREEK PEAKER CTG 1		LEON_CRK_LCPCT2	BEXAR	GAS-GT	SOUTH	2004	46.0
168 LEON CREEK PEAKER CTG 2		LEON_CRK_LCPCT3	BEXAR	GAS-GT	SOUTH	2004	46.0
169 LEON CREEK PEAKER CTG 3		LEON_CRK_LCPCT4	BEXAR	GAS-GT	SOUTH	2004	46.0
170 LEON CREEK PEAKER CTG 4		LOSTPI_LOSTPGT1	BASTROP	GAS-CC	SOUTH	2001	170.0
171 LOST PINES POWER CTG 1		LOSTPI_LOSTPGT2	BASTROP	GAS-CC	SOUTH	2001	170.0
172 LOST PINES POWER CTG 2		LOSTPI_LOSTPST1	BASTROP	GAS-CC	SOUTH	2001	188.0
173 LOST PINES POWER STG 1		NEDIN_NEDIN_G1	HIDALGO	GAS-CC	SOUTH	2001	215.0
174 MAGIC VALLEY STATION CTG 1		NEDIN_NEDIN_G2	HIDALGO	GAS-CC	SOUTH	2001	215.0
175 MAGIC VALLEY STATION CTG 2		NEDIN_NEDIN_G3	HIDALGO	GAS-CC	SOUTH	2001	236.0
176 MAGIC VALLEY STATION STG 3		MDANP_CT1	ELLIS	GAS-CC	NORTH	2001	229.0
177 MIDLOTHIAN ENERGY FACILITY CTG 1		MDANP_CT2	ELLIS	GAS-CC	NORTH	2001	227.0
178 MIDLOTHIAN ENERGY FACILITY CTG 2		MDANP_CT3	ELLIS	GAS-CC	NORTH	2001	227.0
179 MIDLOTHIAN ENERGY FACILITY CTG 3		MDANP_CT4	ELLIS	GAS-CC	NORTH	2001	227.0
180 MIDLOTHIAN ENERGY FACILITY CTG 4		MDANP_CT5	ELLIS	GAS-CC	NORTH	2002	241.0
181 MIDLOTHIAN ENERGY FACILITY CTG 5		MDANP_CT6	ELLIS	GAS-CC	NORTH	2002	243.0
182 MIDLOTHIAN ENERGY FACILITY CTG 6		MGSSES_CT1	MITCHELL	GAS-GT	WEST	1988	66.0
183 MORGAN CREEK CTG 1		MGSSES_CT2	MITCHELL	GAS-GT	WEST	1988	65.0
184 MORGAN CREEK CTG 2		MGSSES_CT3	MITCHELL	GAS-GT	WEST	1988	65.0
185 MORGAN CREEK CTG 3		MGSSES_CT4	MITCHELL	GAS-GT	WEST	1988	67.0
186 MORGAN CREEK CTG 4		MGSSES_CT5	MITCHELL	GAS-GT	WEST	1988	67.0
187 MORGAN CREEK CTG 5		MGSSES_CT6	MITCHELL	GAS-GT	WEST	1988	67.0
188 MORGAN CREEK CTG 6		MCSSES_UNIT6	DALLAS	GAS-ST	NORTH	1956	122.0
189 MOUNTAIN CREEK STG 6		MCSSES_UNIT7	DALLAS	GAS-ST	NORTH	1958	118.0
190 MOUNTAIN CREEK STG 7		MCSSES_UNIT8	DALLAS	GAS-ST	NORTH	1967	568.0
191 MOUNTAIN CREEK STG 8		NUECES_B_NUECESG8	NUECES	GAS-CC	COASTAL	2010	157.0
192 NUECES BAY REPOWER CTG 8		NUECES_B_NUECESG9	NUECES	GAS-CC	COASTAL	2010	157.0
193 NUECES BAY REPOWER CTG 9		NUECES_B_NUECESG7	NUECES	GAS-CC	COASTAL	1972	319.0
194 NUECES BAY REPOWER STG 7		CALAVERS_OWS1	BEXAR	GAS-ST	SOUTH	1972	420.0
195 O W SOMMERS STG 1		CALAVERS_OWS2	BEXAR	GAS-ST	SOUTH	1974	410.0
196 O W SOMMERS STG 2		OECCS_CT11	ECTOR	GAS-CC	WEST	2001	166.7
197 ODESSA-ECTOR POWER CTG 11		OECCS_CT12	ECTOR	GAS-CC	WEST	2001	158.2
198 ODESSA-ECTOR POWER CTG 12		OECCS_CT21	ECTOR	GAS-CC	WEST	2001	206.0
199 ODESSA-ECTOR POWER CTG 21		OECCS_CT22	ECTOR	GAS-CC	WEST	2001	206.0
200 ODESSA-ECTOR POWER CTG 22		OECCS_UNIT1	ECTOR	GAS-CC	WEST	2001	206.0
201 ODESSA-ECTOR POWER STG 1		OECCS_UNIT2	ECTOR	GAS-CC	WEST	2001	206.0
202 ODESSA-ECTOR POWER STG 2		PANDA_S_SHER1CT1	GRAYSON	GAS-CC	NORTH	2014	195.4
203 PANDA SHERMAN POWER CTG 1		PANDA_S_SHER1CT2	GRAYSON	GAS-CC	NORTH	2014	194.4
204 PANDA SHERMAN POWER CTG 2		PANDA_S_SHER1ST1	GRAYSON	GAS-CC	NORTH	2014	283.1
205 PANDA TEMPLE I POWER CTG 1		PANDA_T1_TMPL1CT1	BELL	GAS-CC	NORTH	2014	195.0
207 PANDA TEMPLE I POWER CTG 2		PANDA_T1_TMPL1CT2	BELL	GAS-CC	NORTH	2014	312.0
208 PANDA TEMPLE I POWER STG 1		PANDA_T1_TMPL1ST1	BELL	GAS-CC	NORTH	2015	191.2
209 PANDA TEMPLE II POWER CTG 1		PANDA_T2_TMPL2CT1	BELL	GAS-CC	NORTH	2015	334.7
210 PANDA TEMPLE II POWER CTG 2		PANDA_T2_TMPL2CT2	BELL	GAS-CC	NORTH	2015	76.0
211 PANDA TEMPLE II POWER STG 1		PANDA_T2_TMPL2ST1	BELL	GAS-CC	NORTH	2015	87.0
212 PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS-CC	NORTH	1989	164.5
213 PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS-CC	NORTH	1989	164.5
214 PARIS ENERGY CENTER STG 1		TNSKA_STG	LAMAR	GAS-CC	NORTH	1990	170.4
215 PASADENA COGEN FACILITY CTG 2		PSG_PSG_GT2	HARRIS	GAS-CC	HO		

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
236 QUAIL RUN ENERGY CTG 1		QALSW_GT1	ECTOR	GAS-CC	WEST	2007	74.0
237 QUAIL RUN ENERGY CTG 2		QALSW_GT2	ECTOR	GAS-CC	WEST	2007	74.0
238 QUAIL RUN ENERGY CTG 3		QALSW_GT3	ECTOR	GAS-CC	WEST	2008	72.0
239 QUAIL RUN ENERGY CTG 4		QALSW_GT4	ECTOR	GAS-CC	WEST	2008	72.0
240 QUAIL RUN ENERGY STG 1		QALSW_STG1	ECTOR	GAS-CC	WEST	2007	98.0
241 QUAIL RUN ENERGY STG 2		QALSW_STG2	ECTOR	GAS-CC	WEST	2008	98.0
242 R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS-GT	NORTH	1994	100.0
243 R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS-GT	NORTH	1994	100.0
244 R W MILLER STG 1		MIL_MILLERG1	PALO PINTO	GAS-ST	NORTH	1968	70.0
245 R W MILLER STG 2		MIL_MILLERG2	PALO PINTO	GAS-ST	NORTH	1972	118.0
246 R W MILLER STG 3		MIL_MILLERG3	PALO PINTO	GAS-ST	NORTH	1975	208.0
247 RAY OLINGER CTG 4		OLINGR_OLING_4	COLLIN	GAS-GT	NORTH	2001	80.0
248 RAY OLINGER STG 1		OLINGR_OLING_1	COLLIN	GAS-ST	NORTH	1967	78.0
249 RAY OLINGER STG 2		OLINGR_OLING_2	COLLIN	GAS-ST	NORTH	1971	107.0
250 RAY OLINGER STG 3		OLINGR_OLING_3	COLLIN	GAS-ST	NORTH	1975	146.0
251 REDGATE IC A		REDGATE_AGR_A	HIDALGO	GAS-IC	SOUTH	2016	56.3
252 REDGATE IC B		REDGATE_AGR_B	HIDALGO	GAS-IC	SOUTH	2016	56.3
253 REDGATE IC C		REDGATE_AGR_C	HIDALGO	GAS-IC	SOUTH	2016	56.3
254 REDGATE IC D		REDGATE_AGR_D	HIDALGO	GAS-IC	SOUTH	2016	56.3
255 RIO NOGALES POWER CTG 1		RIONOG_CT1	GUADALUPE	GAS-CC	SOUTH	2002	161.0
256 RIO NOGALES POWER CTG 2		RIONOG_CT2	GUADALUPE	GAS-CC	SOUTH	2002	161.0
257 RIO NOGALES POWER CTG 3		RIONOG_CT3	GUADALUPE	GAS-CC	SOUTH	2002	161.0
258 RIO NOGALES POWER STG 4		RIONOG_ST1	GUADALUPE	GAS-CC	SOUTH	2002	298.0
259 SAM RAYBURN POWER CTG 7		RAYBURN_RAYBURG7	VICTORIA	GAS-CC	SOUTH	2003	50.0
260 SAM RAYBURN POWER CTG 8		RAYBURN_RAYBURG8	VICTORIA	GAS-CC	SOUTH	2003	50.0
261 SAM RAYBURN POWER CTG 9		RAYBURN_RAYBURG9	VICTORIA	GAS-CC	SOUTH	2003	50.0
262 SAM RAYBURN POWER STG 10		RAYBURN_RAYBURG10	VICTORIA	GAS-CC	SOUTH	2003	40.0
263 SAN JACINTO SES CTG 1	21INR0328	SJS_SJS_G1	HARRIS	GAS-GT	HOUSTON	1995	80.0
264 SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS-GT	HOUSTON	1995	80.0
265 SANDHILL ENERGY CENTER CTG 1		SANDHSYD_SH1	TRAVIS	GAS-GT	SOUTH	2001	47.0
266 SANDHILL ENERGY CENTER CTG 2		SANDHSYD_SH2	TRAVIS	GAS-GT	SOUTH	2001	47.0
267 SANDHILL ENERGY CENTER CTG 3		SANDHSYD_SH3	TRAVIS	GAS-GT	SOUTH	2001	47.0
268 SANDHILL ENERGY CENTER CTG 4		SANDHSYD_SH4	TRAVIS	GAS-GT	SOUTH	2001	47.0
269 SANDHILL ENERGY CENTER CTG 5A		SANDHSYD_SH_5A	TRAVIS	GAS-CC	SOUTH	2004	142.0
270 SANDHILL ENERGY CENTER CTG 6		SANDHSYD_SH6	TRAVIS	GAS-GT	SOUTH	2010	47.0
271 SANDHILL ENERGY CENTER CTG 7		SANDHSYD_SH7	TRAVIS	GAS-GT	SOUTH	2010	47.0
272 SANDHILL ENERGY CENTER STG 5C		SANDHSYD_SH_5C	TRAVIS	GAS-CC	SOUTH	2004	139.0
273 SILAS RAY CTG 10		SILASRAY_SILAS_10	CAMERON	GAS-GT	COASTAL	2004	46.0
274 SILAS RAY POWER CTG 9		SILASRAY_SILAS_9	CAMERON	GAS-CC	COASTAL	1996	38.0
275 SILAS RAY POWER STG 6		SILASRAY_SILAS_6	CAMERON	GAS-CC	COASTAL	1962	20.0
276 SIM GIDEON STG 1		GIDEON_GIDEONG1	BASTROP	GAS-ST	SOUTH	1965	130.0
277 SIM GIDEON STG 2		GIDEON_GIDEONG2	BASTROP	GAS-ST	SOUTH	1968	135.0
278 SIM GIDEON STG 3		GIDEON_GIDEONG3	BASTROP	GAS-ST	SOUTH	1972	336.0
279 SKY GLOBAL POWER ONE IC A		SKY1_SKY1A	COLORADO	GAS-IC	SOUTH	2016	26.7
280 SKY GLOBAL POWER ONE IC B		SKY1_SKY1B	COLORADO	GAS-IC	SOUTH	2016	26.7
281 STRYKER CREEK STG 1		SCSES_UNIT1A	CHEROKEE	GAS-ST	NORTH	1958	167.0
282 STRYKER CREEK STG 2		SCSES_UNIT2	CHEROKEE	GAS-ST	NORTH	1965	502.0
283 T H WHARTON CTG 1		THW_THWGT_1	HARRIS	GAS-GT	HOUSTON	1967	14.0
284 T H WHARTON POWER CTG 31		THW_THWGT31	HARRIS	GAS-CC	HOUSTON	1972	54.0
285 T H WHARTON POWER CTG 32		THW_THWGT32	HARRIS	GAS-CC	HOUSTON	1972	54.0
286 T H WHARTON POWER CTG 33		THW_THWGT33	HARRIS	GAS-CC	HOUSTON	1972	54.0
287 T H WHARTON POWER CTG 34		THW_THWGT34	HARRIS	GAS-CC	HOUSTON	1972	54.0
288 T H WHARTON POWER CTG 41		THW_THWGT41	HARRIS	GAS-CC	HOUSTON	1972	54.0
289 T H WHARTON POWER CTG 42		THW_THWGT42	HARRIS	GAS-CC	HOUSTON	1972	54.0
290 T H WHARTON POWER CTG 43		THW_THWGT43	HARRIS	GAS-CC	HOUSTON	1974	54.0
291 T H WHARTON POWER CTG 44		THW_THWGT44	HARRIS	GAS-CC	HOUSTON	1974	54.0
292 T H WHARTON POWER CTG 51		THW_THWGT51	HARRIS	GAS-GT	HOUSTON	1975	56.0
293 T H WHARTON POWER CTG 52		THW_THWGT52	HARRIS	GAS-GT	HOUSTON	1975	56.0
294 T H WHARTON POWER CTG 53		THW_THWGT53	HARRIS	GAS-GT	HOUSTON	1975	56.0
295 T H WHARTON POWER CTG 54		THW_THWGT54	HARRIS	GAS-GT	HOUSTON	1975	56.0
296 T H WHARTON POWER CTG 55		THW_THWGT55	HARRIS	GAS-GT	HOUSTON	1975	56.0
297 T H WHARTON POWER CTG 56		THW_THWGT56	HARRIS	GAS-GT	HOUSTON	1975	56.0
298 T H WHARTON POWER STG 3		THW_THWST_3	HARRIS	GAS-CC	HOUSTON	1974	110.0
299 T H WHARTON POWER STG 4		THW_THWST_4	HARRIS	GAS-CC	HOUSTON	1974	110.0
300 TEXAS CITY POWER CTG A		TXCTY_CTA	GALVESTON	GAS-CC	HOUSTON	2000	80.3
301 TEXAS CITY POWER CTG B		TXCTY_CTB	GALVESTON	GAS-CC	HOUSTON	2000	80.3
302 TEXAS CITY POWER CTG C		TXCTY_CTC	GALVESTON	GAS-CC	HOUSTON	2000	80.3
303 TEXAS CITY POWER STG		TXCTY_ST	GALVESTON	GAS-CC	HOUSTON	2000	124.9
304 V H BRAUNIG CTG 5		BRAUNIG_VHB6CT5	BEXAR	GAS-GT	SOUTH	2009	48.0
305 V H BRAUNIG CTG 6		BRAUNIG_VHB6CT6	BEXAR	GAS-GT	SOUTH	2009	48.0
306 V H BRAUNIG CTG 7		BRAUNIG_VHB6CT7	BEXAR	GAS-GT	SOUTH	2009	48.0
307 V H BRAUNIG CTG 8		BRAUNIG_VHB6CT8	BEXAR	GAS-GT	SOUTH	2009	47.0
308 V H BRAUNIG STG 1		BRAUNIG_VHB1	BEXAR	GAS-ST	SOUTH	1966	217.0
309 V H BRAUNIG STG 2		BRAUNIG_VHB2	BEXAR	GAS-ST	SOUTH	1968	230.0
310 V H BRAUNIG STG 3		BRAUNIG_VHB3	BEXAR	GAS-ST	SOUTH	1970	412.0
311 VICTORIA CITY (CITYVICT) CTG 1		CITYVICT_CTG01	VICTORIA	GAS-GT	SOUTH	2020	44.0
312 VICTORIA CITY (CITYVICT) CTG 2		CITYVICT_CTG02	VICTORIA	GAS-GT	SOUTH	2020	44.0
313 VICTORIA PORT (VICTPORT) CTG 1		VICTPORT_CTG01	VICTORIA	GAS-GT	SOUTH	2019	44.0
314 VICTORIA PORT (VICTPORT) CTG 2		VICTPORT_CTG02	VICTORIA	GAS-GT	SOUTH	2019	44.0
315 VICTORIA POWER CTG 6		VICTORIA_VICTORG6	VICTORIA	GAS-CC	SOUTH	2009	160.0
316 VICTORIA POWER STG 5		VICTORIA_VICTORG5	VICTORIA	GAS-CC	SOUTH	1963	125.0
317 W A PARISH CTG 1		WAP_WAPGT_1	FORT BEND	GAS-GT	HOUSTON	1967	13.0
318 W A PARISH STG 1		WAP_WAP_G1	FORT BEND	GAS-ST	HOUSTON	1958	169.0
319 W A PARISH STG 2		WAP_WAP_G2	FORT BEND	GAS-ST	HOUSTON	1958	169.0
320 W A PARISH STG 3		WAP_WAP_G3	FORT BEND	GAS-ST	HOUSTON	1961	240.0
321 W A PARISH STG 4		WAP_WAP_G4	FORT BEND	GAS-ST	HOUSTON	1968	527.0
322 WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS-CC	WEST	1987	20.0
323 WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS-CC	WEST	1987	20.0
324 WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS-CC	WEST	1987	20.0
325 WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS-CC	WEST	1987	17.0
326 WINCHESTER POWER PARK CTG 1		WIPOPA_WPP_G1	FAYETTE	GAS-GT	SOUTH	2009	44.0
327 WINCHESTER POWER PARK CTG 2		WIPOPA_WPP_G2	FAYETTE	GAS-GT	SOUTH	2009	44.0
328 WINCHESTER POWER PARK CTG 3		WIPOPA_WPP_G3	FAYETTE	GAS-GT	SOUTH	2009	44.0
329 WINCHESTER POWER PARK CTG 4		WIPOPA_WPP_G4	FAYETTE	GAS-GT	SOUTH	2009	44.0
330 WISE-TRACTEBEL POWER CTG 1	20INR0286	WCPP_CT1	WISE	GAS-CC	NORTH	2004	241.4
331 WISE-TRACTEBEL POWER CTG 2	20INR0286	WCPP_CT2	WISE	GAS-CC	NORTH	2004	241.4
332 WISE-TRACTEBEL POWER STG 1							

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
354 AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
355 AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
356 AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
357 BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
358 BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
359 BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
360 DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
361 DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
362 EAGLE PASS HYDRO		EAGLE_HY_EAGLE_HY1	MAVERICK	HYDRO	SOUTH	2005	9.6
363 FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
364 FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
365 FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
366 GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
367 GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
368 GUADALUPE BLANCO RIVER AUTH-CANYON		CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0
369 INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
370 MARBLE FALLS HYDRO 1		MARBFDA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
371 MARBLE FALLS HYDRO 2		MARBFDA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
372 MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	34.0
373 MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
374 MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	36.0
375 WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	22.0
376 WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	22.0
<b>377 Operational Capacity Total (Hydro)</b>							<b>536.4</b>
378 Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					462.2
379							
380 Operational Hydro Resources, Settlement Only Distributed Generators (SODGs)							
381 ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
382 GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
383 GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
384 GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
385 LEWISVILLE HYDRO-CITY OF GARLAND		DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
<b>386 Operational Hydro Resources Total, Settlement Only Distributed Generators (SODGs)</b>		DG_HYDRO_CAP_CONT					<b>19.7</b>
387 Hydro SODG Capacity Contribution (Highest 20 Peak Load Hours)							17.0
388							
389 Operational Capacity Unavailable due to Extended Outage or Derate		OPERATION_UNAVAIL					(214.2)
390 Operational Capacity Total (Including Hydro)		OPERATION_TOTAL					63,657.3
391							
<b>392 Operational Resources (Switchable)</b>							
393 ANTELOPE IC 1		AEEC_ANTLP_1	HALE	GAS-IC	PANHANDLE	2016	54.0
394 ANTELOPE IC 2		AEEC_ANTLP_2	HALE	GAS-IC	PANHANDLE	2016	54.0
395 ANTELOPE IC 3		AEEC_ANTLP_3	HALE	GAS-IC	PANHANDLE	2016	54.0
396 ELK STATION CTG 1		AEEC_ELK_1	HALE	GAS-GT	PANHANDLE	2016	190.0
397 ELK STATION CTG 2		AEEC_ELK_2	HALE	GAS-GT	PANHANDLE	2016	190.0
398 TENASKA FRONTIER STATION CTG 1		FTR_FTR_G1	GRIMES	GAS-CC	NORTH	2000	160.0
399 TENASKA FRONTIER STATION CTG 2		FTR_FTR_G2	GRIMES	GAS-CC	NORTH	2000	160.0
400 TENASKA FRONTIER STATION CTG 3		FTR_FTR_G3	GRIMES	GAS-CC	NORTH	2000	160.0
401 TENASKA FRONTIER STATION STG 4		FTR_FTR_G4	GRIMES	GAS-CC	NORTH	2000	400.0
402 TENASKA GATEWAY STATION CTG 1		TGCCS_CT1	RUSK	GAS-CC	NORTH	2001	156.0
403 TENASKA GATEWAY STATION CTG 2		TGCCS_CT2	RUSK	GAS-CC	NORTH	2001	135.0
404 TENASKA GATEWAY STATION CTG 3		TGCCS_CT3	RUSK	GAS-CC	NORTH	2001	153.0
405 TENASKA GATEWAY STATION STG 4		TGCCS_UNIT4	RUSK	GAS-CC	NORTH	2001	402.0
406 TENASKA KIAMICHI STATION 1CT101		KMCHI_1CT101	FANNIN	GAS-CC	NORTH	2003	151.0
407 TENASKA KIAMICHI STATION 1CT201		KMCHI_1CT201	FANNIN	GAS-CC	NORTH	2003	148.0
408 TENASKA KIAMICHI STATION 1ST		KMCHI_1ST	FANNIN	GAS-CC	NORTH	2003	310.0
409 TENASKA KIAMICHI STATION 2CT101		KMCHI_2CT101	FANNIN	GAS-CC	NORTH	2003	150.0
410 TENASKA KIAMICHI STATION 2CT201		KMCHI_2CT201	FANNIN	GAS-CC	NORTH	2003	152.0
411 TENASKA KIAMICHI STATION 2ST		KMCHI_2ST	FANNIN	GAS-CC	NORTH	2003	311.0
<b>412 Switchable Capacity Total</b>							<b>3,490.0</b>
413							
<b>414 Switchable Capacity Unavailable to ERCOT</b>							
415 ANTELOPE IC 1		AEEC_ANTLP_1_UNAVAIL	HALE	GAS-IC	PANHANDLE	2017	(54.0)
416 ANTELOPE IC 2		AEEC_ANTLP_2_UNAVAIL	HALE	GAS-IC	PANHANDLE	2017	-
417 ANTELOPE IC 3		AEEC_ANTLP_3_UNAVAIL	HALE	GAS-IC	PANHANDLE	2017	-
418 ELK STATION CTG 1		AEEC_ELK_1_UNAVAIL	HALE	GAS-GT	PANHANDLE	2017	(190.0)
419 ELK STATION CTG 2		AEEC_ELK_2_UNAVAIL	HALE	GAS-GT	PANHANDLE	2017	(190.0)
420 Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL					(434.0)
421							
422 Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL					588.0
423							
424 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			3,246.9
425 Private-Use Network Forecast Adjustment (per Protocol 10.3.2.4)		PUN_CAP_ADJUST		GAS			(37.0)
426							
<b>427 Operational Resources (Wind)</b>							
428 BAFFIN WIND UNIT1		BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0
429 BAFFIN WIND UNIT2		BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0
430 BRUENNINGS BREEZE A		BBREEZE_UNIT1	WILLACY	WIND-C	COASTAL	2017	120.0
431 BRUENNINGS BREEZE B		BBREEZE_UNIT2	WILLACY	WIND-C	COASTAL	2017	108.0
432 CAMERON COUNTY WIND		CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0
433 CHAPMAN RANCH WIND IA (SANTA CRUZ)		SANTACRU_UNIT1	NUECES	WIND-C	COASTAL	2017	150.6
434 CHAPMAN RANCH WIND IB (SANTA CRUZ)		SANTACRU_UNIT2	NUECES	WIND-C	COASTAL	2017	98.4
435 GULF WIND I		TGW_T1	KENEDY	WIND-C	COASTAL	2009	141.6
436 GULF WIND II		TGW_T2	KENEDY	WIND-C	COASTAL	2009	141.6
437 KARANKAWA WIND 1A		KARAKAW1_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	103.3
438 KARANKAWA WIND 1B		KARAKAW1_UNIT2	SAN PATRICIO	WIND-C	COASTAL	2019	103.3
439 KARANKAWA WIND 2		KARAKAW2_UNIT3	SAN PATRICIO	WIND-C	COASTAL	2019	100.4
440 LOS VIENTOS WIND I		LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1
441 LOS VIENTOS WIND II		LV2_LV2	WILLACY	WIND-C	COASTAL	2013	201.6
442 MAGIC VALLEY WIND (REDFISH) 1A		REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8
443 MAGIC VALLEY WIND (REDFISH) 1B		REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5
444 MIDWAY WIND		MIDWIND_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	162.8
445 PALMAS ALTAS WIND		PALMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2020	144.9
446 PAPALOTE CREEK WIND		PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9
447 PAPALOTE CREEK WIND II		COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1
448 PENASCAL WIND 1		PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8
449 PENASCAL WIND 2		PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6
450 PENASCAL WIND 3		PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8
451 PEYTON CREEK WIND		PEY_UNIT1	MATAGORDA	WIND-C	COASTAL	2020	151.2
452 SAN ROMAN WIND		SANROMAN_WIND_1	CAMERON	WIND-C	COASTAL	2017	95.2
453 STELLA WIND		STELLA_UNIT1	KENEDY	WIND-C	COASTAL	2018	201.0
454 HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0
455 BRISCOE WIND		BRISCOE_WIND	BRISCOE	WIND-P	PANHANDLE	2015	149.8
456 CANADIAN BREAKS WIND		CN_BRKS_UNIT_1	OLDHAM	WIND-P	PANHANDLE	2019	210

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
472 MIAMI WIND G1		MIAM1_G1	GRAY	WIND-P	PANHANDLE	2014	144.3
473 MIAMI WIND G2		MIAM1_G2	GRAY	WIND-P	PANHANDLE	2014	144.3
474 OLD SETTLER WIND		COTPLNS_OLDSETLR	FLOYD	WIND-P	PANHANDLE	2017	151.2
475 PANHANDLE WIND 1 U1		PH1_UNIT1	CARSON	WIND-P	PANHANDLE	2014	109.2
476 PANHANDLE WIND 1 U2		PH1_UNIT2	CARSON	WIND-P	PANHANDLE	2014	94.2
477 PANHANDLE WIND 2 U1		PH2_UNIT1	CARSON	WIND-P	PANHANDLE	2014	96.6
478 PANHANDLE WIND 2 U2		PH2_UNIT2	CARSON	WIND-P	PANHANDLE	2015	150.0
479 ROUTE 66 WIND		ROUTE_66_WIND1	CARSON	WIND-P	PANHANDLE	2017	64.0
480 SALT FORK 1 WIND U1		SALTFORK_UNIT1	DONLEY	WIND-P	PANHANDLE	2017	110.2
481 SALT FORK 1 WIND U2		SALTFORK_UNIT2	DONLEY	WIND-P	PANHANDLE	2015	102.0
482 SOUTH PLAINS WIND 1 U1		SPLAIN1_WIND1	FLOYD	WIND-P	PANHANDLE	2015	98.0
483 SOUTH PLAINS WIND 1 U2		SPLAIN1_WIND2	FLOYD	WIND-P	PANHANDLE	2016	148.5
484 SOUTH PLAINS WIND 2 U1		SPLAIN2_WIND21	FLOYD	WIND-P	PANHANDLE	2016	151.8
485 SOUTH PLAINS WIND 2 U2		SPLAIN2_WIND22	FLOYD	WIND-P	PANHANDLE	2017	161.0
486 SPINNING SPUR WIND TWO A		SSPURTW0_WIND_1	OLDHAM	WIND-P	PANHANDLE	2014	98.0
487 SPINNING SPUR WIND TWO B		SSPURTW0_SS3WIND2	OLDHAM	WIND-P	PANHANDLE	2015	96.0
488 SPINNING SPUR WIND TWO C		SSPURTW0_SS3WIND1	OLDHAM	WIND-O	PANHANDLE	2015	114.9
489 WAKE WIND 1		WAKEWE_G1	DICKENS	WIND-P	PANHANDLE	2016	142.3
490 WAKE WIND 2		WAKEWE_G2	DICKENS	WIND-P	PANHANDLE	2017	57.0
491 WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND-P	PANHANDLE	2007	1.0
492 WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND-P	PANHANDLE	2007	99.8
493 ANACACHO WIND		ANACACHO_ANA	KINNEY	WIND-O	SOUTH	2012	120.0
494 BARTON CHAPEL WIND		BRTSW_BCW1	JACK	WIND-O	NORTH	2007	8.8
495 BLUE SUMMIT WIND 1 A	18INR0072	BLSUMMIT_BLSMT1_5	WILBARGER	WIND-O	WEST	2013	124.3
496 BLUE SUMMIT WIND 1 B	18INR0072	BLSUMMIT_BLSMT1_6	WILBARGER	WIND-O	WEST	2013	89.7
497 BLUE SUMMIT WIND 2 A		BLSUMMIT_UNIT2_25	WILBARGER	WIND-O	WEST	2020	6.7
498 BLUE SUMMIT WIND 2 B		BLSUMMIT_UNIT2_17	WILBARGER	WIND-O	WEST	2020	13.4
499 BLUE SUMMIT WIND 3 A		BLSUMIT3_UNIT_17	WILBARGER	WIND-O	WEST	2020	182.4
500 BLUE SUMMIT WIND 3 B		BLSUMIT3_UNIT_25	WILBARGER	WIND-O	WEST	2020	162.0
501 BOBCAT BLUFF WIND		BCATWIND_WIND_1	ARCHER	WIND-O	WEST	2017	44.9
502 BUCKTHORN WIND 1 A		BUCKTHRN_UNIT1	ERATH	WIND-O	NORTH	2017	55.7
503 BUCKTHORN WIND 1 B		BUCKTHRN_UNIT2	ERATH	WIND-O	WEST	2008	120.6
504 BUFFALO GAP WIND 1		BUFF_GAP_UNIT1	TAYLOR	WIND-O	WEST	2006	115.5
505 BUFFALO GAP WIND 2_1		BUFF_GAP_UNIT2_1	TAYLOR	WIND-O	WEST	2007	117.0
506 BUFFALO GAP WIND 2_2		BUFF_GAP_UNIT2_2	TAYLOR	WIND-O	WEST	2008	170.2
507 BUFFALO GAP WIND 3		BUFF_GAP_UNIT3	TAYLOR	WIND-O	WEST	2009	88.0
508 BULL CREEK WIND U1		BULLCRK_WND1	BORDEN	WIND-O	WEST	2009	90.0
509 BULL CREEK WIND U2		BULLCRK_WND2	BORDEN	WIND-O	SOUTH	2019	115.2
510 CABEZON WIND (RIO BRAVO I WIND) 1 A		CABEZON_WIND1	STARR	WIND-O	SOUTH	2019	122.4
511 CABEZON WIND (RIO BRAVO I WIND) 1 B		CABEZON_WIND2	STARR	WIND-O	SOUTH	2019	114.0
512 CALLAHAN WIND		CALLAHAN_WND1	CALLAHAN	WIND-O	WEST	2004	130.5
513 CAMP SPRINGS WIND 1		CSEC_CSECG1	SCURRY	WIND-O	WEST	2007	121.5
514 CAMP SPRINGS WIND 2		CSEC_CSECG2	SCURRY	WIND-O	WEST	2007	75.0
515 CAPRICORN RIDGE WIND 1	17INR0054	CAPRIDGE_CR1	STERLING	WIND-O	WEST	2007	231.7
516 CAPRICORN RIDGE WIND 2	17INR0054	CAPRIDGE_CR2	STERLING	WIND-O	WEST	2007	149.5
517 CAPRICORN RIDGE WIND 3	17INR0054	CAPRIDGE_CR3	STERLING	WIND-O	WEST	2008	200.9
518 CAPRICORN RIDGE WIND 4	17INR0061	CAPRIDG4_CR4	COKE	WIND-O	WEST	2008	126.5
519 CEDRO HILL WIND 1		CEDROHIL_CHW1	WEBB	WIND-O	SOUTH	2010	75.0
520 CEDRO HILL WIND 2		CEDROHIL_CHW2	WEBB	WIND-O	WEST	2008	126.5
521 CHAMPION WIND		CHAMPION_UNIT1	NOLAN	WIND-O	WEST	2017	126.5
522 DERMOTT WIND 1_1		DERMOTT_UNIT1	SCURRY	WIND-O	WEST	2017	126.5
523 DERMOTT WIND 1_2		DERMOTT_UNIT2	SCURRY	WIND-O	WEST	2017	126.5
524 DESERT SKY WIND 1		INDNENR_INDNENR	PECOS	WIND-O	WEST	2002	85.1
525 DESERT SKY WIND 2	17INR0070	INDNENR_INDNENR_2	PECOS	WIND-O	WEST	2002	85.1
526 ELBOW CREEK WIND		ELB_ELCREEK	HOWARD	WIND-O	WEST	2008	118.7
527 ELECTRA WIND 1		DIGBY_UNIT1	WILBARGER	WIND-O	WEST	2017	98.9
528 ELECTRA WIND 2		DIGBY_UNIT2	WILBARGER	WIND-O	WEST	2017	131.1
529 FLAT TOP WIND I		FTWIND_UNIT_1	MILLS	WIND-O	NORTH	2018	200.0
530 FLUVANNA RENEWABLE 1 A		FLUVANNA_UNIT1	SCURRY	WIND-O	WEST	2017	79.8
531 FLUVANNA RENEWABLE 1 B		FLUVANNA_UNIT2	SCURRY	WIND-O	WEST	2017	75.6
532 FOARD CITY WIND 1 A		FOARDCTY_UNIT1	FOARD	WIND-O	WEST	2019	186.5
533 FOARD CITY WIND 1 B		FOARDCTY_UNIT2	FOARD	WIND-O	WEST	2019	163.8
534 FOREST CREEK WIND		MCDLD_FCW1	GLASSCOCK	WIND-O	WEST	2007	124.2
535 GOAT WIND		GOAT_GOATWIND	STERLING	WIND-O	WEST	2008	80.0
536 GOAT WIND 2		GOAT_GOATWIN2	STERLING	WIND-O	WEST	2010	69.6
537 GOLDTHWAITE WIND 1		GWEC_GWEC_G1	MILLS	WIND-O	NORTH	2014	148.6
538 GOPHER CREEK WIND 1		GOPHER_UNIT1	BORDEN	WIND-O	WEST	2020	82.0
539 GOPHER CREEK WIND 2		GOPHER_UNIT2	BORDEN	WIND-O	WEST	2020	76.0
540 GREEN MOUNTAIN WIND (BRAZOS) U1	21INR0532	BRAZ_WND_WND1	SCURRY	WIND-O	WEST	2003	99.0
541 GREEN MOUNTAIN WIND (BRAZOS) U2	21INR0532	BRAZ_WND_WND2	SCURRY	WIND-O	WEST	2003	61.0
542 GREEN PASTURES WIND I		GPASTURE_WIND_I	BAYLOR	WIND-O	WEST	2015	150.0
543 VERTIGO WIND (FORMERLY GREEN PASTURES WIND 2)		VERTIGO_WIND_I	BAYLOR	WIND-O	WEST	2015	150.0
544 GUNSLIGHT MOUNTAIN WIND		GUNMTN_G1	HOWARD	WIND-O	WEST	2016	119.9
545 HACKBERRY WIND		HWF_HWFG1	SHACKELFORD	WIND-O	WEST	2008	163.5
546 HICKMAN (SANTA RITA WIND) 1		HICKMAN_G1	REAGAN	WIND-O	WEST	2018	152.5
547 HICKMAN (SANTA RITA WIND) 2		HICKMAN_G2	REAGAN	WIND-O	WEST	2018	147.5
548 HIDALGO & STARR WIND 11		MIRASOLE_MIR11	HIDALGO	WIND-O	SOUTH	2016	52.0
549 HIDALGO & STARR WIND 12		MIRASOLE_MIR12	HIDALGO	WIND-O	SOUTH	2016	98.0
550 HIDALGO & STARR WIND 21		MIRASOLE_MIR21	HIDALGO	WIND-O	SOUTH	2016	100.0
551 HORSE CREEK WIND 1		HORSECRK_UNIT1	HASKELL	WIND-O	WEST	2017	131.1
552 HORSE CREEK WIND 2		HORSECRK_UNIT2	HASKELL	WIND-O	WEST	2017	98.9
553 HORSE HOLLOW WIND 1	17INR0052	H_HOLLOW_WND1	TAYLOR	WIND-O	WEST	2005	230.0
554 HORSE HOLLOW WIND 2	17INR0052	HHOLLOW2_WND1	TAYLOR	WIND-O	WEST	2006	184.0
555 HORSE HOLLOW WIND 3	17INR0052	HHOLLOW3_WND_1	TAYLOR	WIND-O	WEST	2006	241.4
556 HORSE HOLLOW WIND 4	17INR0052	HHOLLOW4_WND1	TAYLOR	WIND-O	WEST	2006	115.0
557 INADEALE WIND 1		INDL_INADEALE1	NOLAN	WIND-O	WEST	2008	95.0
558 INADEALE WIND 2		INDL_INADEALE2	NOLAN	WIND-O	WEST	2008	102.0
559 INDIAN MESA WIND		INDNNWP_INDNNWP2	PECOS	WIND-O	WEST	2001	91.8
560 JAVELINA I WIND 18		BORDAS_JAVEL18	WEBB	WIND-O	SOUTH	2015	19.7
561 JAVELINA I WIND 20		BORDAS_JAVEL20	WEBB	WIND-O	SOUTH	2015	230.0
562 JAVELINA II WIND 1		BORDAS2_JAVEL2_A	WEBB	WIND-O	SOUTH	2017	96.0
563 JAVELINA II WIND 2		BORDAS2_JAVEL2_B	WEBB	WIND-O	SOUTH	2017	74.0
564 JAVELINA II WIND 3		BORDAS2_JAVEL2_C	WEBB	WIND-O	SOUTH	2017	30.0
565 KEECHI WIND		KEECHI_U1	JACK	WIND-O	NORTH	2015	110.0
566 KING MOUNTAIN WIND (NE)		KING_NE_KINGNE	UPTON	WIND-O	WEST	2001	79.7
567 KING MOUNTAIN WIND (NW)		KING_NW_KINGNW	UPTON	WIND-O	WEST	2001	79.7
568 KING MOUNTAIN WIND (SE)							

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
590 PANTHER CREEK WIND 1		PC_NORTH_PANTHER1	HOWARD	WIND-O	WEST	2008	142.5
591 PANTHER CREEK WIND 2		PC_SOUTH_PANTHER2	HOWARD	WIND-O	WEST	2019	115.5
592 PANTHER CREEK WIND 3		PC_SOUTH_PANTHER3	HOWARD	WIND-O	WEST	2009	199.5
593 PECOS WIND 1 (WOODWARD)		WOODWRD1_WOODWRD1	PECOS	WIND-O	WEST	2001	92.0
594 PECOS WIND 2 (WOODWARD)		WOODWRD2_WOODWRD2	PECOS	WIND-O	WEST	2001	86.0
595 PYRON WIND 1		PYR_PYRON1	NOLAN	WIND-O	WEST	2008	121.5
596 PYRON WIND 2		PYR_PYRON2	NOLAN	WIND-O	WEST	2008	127.5
597 RANCHERO WIND		RANCHERO_UNIT1	CROCKETT	WIND-O	WEST	2020	150.0
598 RANCHERO WIND		RANCHERO_UNIT2	CROCKETT	WIND-O	WEST	2020	150.0
599 RATTLESNAKE I WIND ENERGY CENTER G1		RSNAKE_G1	GLASSCOCK	WIND-O	WEST	2015	104.3
600 RATTLESNAKE I WIND ENERGY CENTER G2		RSNAKE_G2	GLASSCOCK	WIND-O	WEST	2015	103.0
601 RED CANYON WIND		RDCANYON_RDCNY1	BORDEN	WIND-O	WEST	2006	89.6
602 ROCK SPRINGS VAL VERDE WIND (FERMI) 1		FERMI_WIND1	VAL VERDE	WIND-O	WEST	2017	121.9
603 ROCK SPRINGS VAL VERDE WIND (FERMI) 2		FERMI_WIND2	VAL VERDE	WIND-O	WEST	2017	27.4
604 ROSCOE WIND		TKWSW1_ROSCOE	NOLAN	WIND-O	WEST	2008	114.0
605 ROSCOE WIND 2A		TKWSW1_ROSCOE2A	NOLAN	WIND-O	WEST	2008	95.0
606 RTS WIND		RTS_U1	MCCULLOCH	WIND-O	SOUTH	2018	160.0
607 SAND BLUFF WIND	20INR0296	MCDLD_SWB1	GLASSCOCK	WIND-O	WEST	2008	90.0
608 SENDERO WIND ENERGY		EXGNSND_WIND_1	JIM HOGG	WIND-O	SOUTH	2015	76.0
609 SEYMOUR HILLS WIND (S_HILLS WIND)		S_HILLS_UNIT1	BAYLOR	WIND-O	WEST	2019	30.2
610 SENATE WIND		SENATEWD_UNIT1	JACK	WIND-O	NORTH	2012	150.0
611 SHANNON WIND		SHANNONW_UNIT_1	CLAY	WIND-O	WEST	2015	204.1
612 SHERBINO 2 WIND	19INR0120	KEO_SHRBINO2	PECOS	WIND-O	WEST	2011	132.0
613 SILVER STAR WIND	18INR0064	FLTCK_SSI	ERATH	WIND-O	NORTH	2008	52.8
614 SNYDER WIND		ENAS_ENA1	SCURRY	WIND-O	WEST	2007	63.0
615 SOUTH TRENT WIND		STWF_T1	NOLAN	WIND-O	WEST	2008	98.2
616 STANTON WIND ENERGY		SWEC_G1	MARTIN	WIND-O	WEST	2008	120.0
617 STEPHENS RANCH WIND 1		SRWE1_UNIT1	BORDEN	WIND-O	WEST	2014	211.2
618 STEPHENS RANCH WIND 2		SRWE1_SRWE2	BORDEN	WIND-O	WEST	2015	164.7
619 SWEETWATER WIND 1	18INR0073	SWEETWND_WND1	NOLAN	WIND-O	WEST	2003	42.5
620 SWEETWATER WIND 2A	17INR0068	SWEETWN2_WND24	NOLAN	WIND-O	WEST	2006	16.8
621 SWEETWATER WIND 2B	17INR0068	SWEETWN2_WND2	NOLAN	WIND-O	WEST	2004	110.8
622 SWEETWATER WIND 3A		SWEETWN3_WND3A	NOLAN	WIND-O	WEST	2011	33.6
623 SWEETWATER WIND 3B		SWEETWN3_WND3B	NOLAN	WIND-O	WEST	2011	118.6
624 SWEETWATER WIND 4-5		SWEETWN5_WND5	NOLAN	WIND-O	WEST	2007	85.0
625 SWEETWATER WIND 4-B		SWEETWN4_WND4B	NOLAN	WIND-O	WEST	2007	112.0
626 SWEETWATER WIND 4-4A		SWEETWN4_WND4A	NOLAN	WIND-O	WEST	2007	125.0
627 TAHOKA WIND 1		TAHOKA_UNIT_1	LYNN	WIND-O	WEST	2019	150.0
628 TAHOKA WIND 2		TAHOKA_UNIT_2	LYNN	WIND-O	WEST	2019	150.0
629 TEXAS BIG SPRING WIND A		SGMTN_SIGNALMT	HOWARD	WIND-O	WEST	1999	27.7
630 TEXAS BIG SPRING WIND B		SGMTN_SIGNALM2	HOWARD	WIND-O	WEST	1999	6.6
631 TORRECILLAS WIND 1		TORR_UNIT1_25	WEBB	WIND-O	SOUTH	2019	150.0
632 TORRECILLAS WIND 2		TORR_UNIT2_23	WEBB	WIND-O	SOUTH	2019	23.0
633 TORRECILLAS WIND 3		TORR_UNIT2_25	WEBB	WIND-O	SOUTH	2019	127.5
634 TRENT WIND	17INR0069	TRENT_TRENT	NOLAN	WIND-O	WEST	2001	150.0
635 TRINITY HILLS WIND 1	20INR0019	TRINITY_TH1_BUS1	ARCHER	WIND-O	WEST	2012	103.4
636 TRINITY HILLS WIND 2	20INR0019	TRINITY_TH1_BUS2	ARCHER	WIND-O	WEST	2012	94.6
637 TURKEY TRACK WIND		TTWEC_G1	NOLAN	WIND-O	WEST	2008	169.5
638 TYLER BLUFF WIND		TYLRWIND_UNIT1	COOKE	WIND-O	NORTH	2017	125.6
639 WHITETAIL WIND		EXGNWTI_WIND_1	WEBB	WIND-O	SOUTH	2012	92.3
640 WINDTHORST 2 WIND		WNDTHST2_UNIT1	ARCHER	WIND-O	WEST	2014	67.6
641 WKN MOZART WIND		MOZART_WIND_1	KENT	WIND-O	WEST	2012	30.0
642 WILLOW SPRINGS WIND A		SALVATION_UNIT1	HASKELL	WIND-O	WEST	2017	125.0
643 WILLOW SPRINGS WIND B		SALVATION_UNIT2	HASKELL	WIND-O	WEST	2017	125.0
644 WILSON RANCH (INFINITY LIVE OAK WIND)		WL_RANCH_UNIT1	SCHLEICHER	WIND-O	WEST	2020	199.5
645 WOLF RIDGE WIND		WHTTAIL_WR1	COOKE	WIND-O	NORTH	2008	112.5
646 TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND-O	WEST	2008	2.0
647 Operational Capacity Total (Wind)							24,957.8
648							
649 Operational Wind Capacity Sub-total (Coastal Counties)		WIND_OPERATIONAL_C					3,586.5
650 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				61.0
651							
652 Operational Wind Capacity Sub-total (Panhandle Counties)		WIND_OPERATIONAL_P					4,408.7
653 Wind Peak Average Capacity Percentage (Panhandle)		WIND_PEAK_PCT_P	%				29.0
654							
655 Operational Wind Capacity Sub-total (Other Counties)		WIND_OPERATIONAL_O					16,962.6
656 Wind Peak Average Capacity Percentage (Other)		WIND_PEAK_PCT_O	%				19.0
657							
658 Operational Resources (Solar)							
659 ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
660 BHE SOLAR PEARL PROJECT (SIRIUS 2)		SIRIUS_UNIT2	PECOS	SOLAR	WEST	2017	49.1
661 BLUEBELL SOLAR (CAPRICORN RIDGE SOLAR)		CAPRIDG4_BB_pv	STERLING	SOLAR	WEST	2019	30.0
662 BNB LAMESA SOLAR (PHASE I)		LMESASLR_UNIT1	DAWSON	SOLAR	WEST	2018	101.6
663 BNB LAMESA SOLAR (PHASE II)		LMESASLR_IVORY	DAWSON	SOLAR	WEST	2018	50.0
664 CASTLE GAP SOLAR		CASL_GAP_UNIT1	UPTON	SOLAR	WEST	2018	180.0
665 FOWLER RANCH		FWLR_SLR_UNIT1	CRANE	SOLAR	WEST	2020	150.0
666 FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2015	22.0
667 FS EAST PECOS SOLAR		BOOTLEG_UNIT1	PECOS	SOLAR	WEST	2017	121.1
668 GREASEWOOD SOLAR 1		GREASWOD_UNIT1	PECOS	SOLAR	WEST	2021	124.6
669 GREASEWOOD SOLAR 2		GREASWOD_UNIT2	PECOS	SOLAR	WEST	2021	130.4
670 HOLSTEIN SOLAR 1		HOLSTEIN_SOLAR1	NOLAN	SOLAR	WEST	2020	102.2
671 HOLSTEIN SOLAR 2		HOLSTEIN_SOLAR2	NOLAN	SOLAR	WEST	2020	102.3
672 KELLAM SOLAR		KELAM_SL_UNIT1	VAN ZANDT	SOLAR	NORTH	2020	59.8
673 LAPETUS SOLAR		LAPETUS_UNIT_1	ANDREWS	SOLAR	WEST	2020	100.7
674 OBERON SOLAR		OBERON_UNIT_1	ECTOR	SOLAR	WEST	2020	180.0
675 OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
676 OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
677 OCI ALAMO 5 (DOWNIE RANCH)		HELIOS_UNIT1	VALDE	SOLAR	SOUTH	2015	100.0
678 OCI ALAMO 6 (SIRIUS/WEST TEXAS)		SIRIUS_UNIT1	PECOS	SOLAR	WEST	2017	110.2
679 OCI ALAMO 7 (PAINT CREEK)		SOLARA_UNIT1	HASKELL	SOLAR	WEST	2016	112.0
680 PHOEBE SOLAR 1		PHOEBE_UNIT1	WINKLER	SOLAR	WEST	2019	125.1
681 PHOEBE SOLAR 2		PHOEBE_UNIT2	WINKLER	SOLAR	WEST	2019	128.1
682 PROSPERO SOLAR 1		PROSPERO_UNIT1	ANDREWS	SOLAR	WEST	2020	153.6
683 PROSPERO SOLAR 2		PROSPERO_UNIT2	ANDREWS	SOLAR	WEST	2020	150.0
684 QUEEN SOLAR PHASE I		QUEEN_SL_SOLAR1	UPTON	SOLAR	WEST	2020	102.5
685 QUEEN SOLAR PHASE I		QUEEN_SL_SOLAR2	UPTON	SOLAR	WEST	2020	102.5
686 QUEEN SOLAR PHASE II		QUEEN_SL_SOLAR3	USA	SOLAR	WEST	2020	97.5
687 QUEEN SOLAR PHASE II		QUEEN_SL_SOLAR4	USA	SOLAR	WEST	2020	107.5
688 RAMBLER SOLAR		RAMBLER_UNIT1	TOM GREEN	SOLAR	WEST	2020	200.0
689 RE ROSEROCK SOLAR 1		REROCK_UNIT1	PECOS	SOLAR	WEST	2016	78.8
690 RE ROSEROCK SOLAR 2		REROCK_UNIT2	PECOS	SOLAR	WEST	2016	78.8
691 RIGGINS (SE BUCKTHORN WESTEX SOLAR)		RIGGINS_UNIT1	PECOS	SOLAR	WEST	2018	150.0

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
708 CATAN SOLAR		DG_CS10_CATAN	KARNES	SOLAR	SOUTH	2020	10.0
709 CHISUM SOLAR		DG_CHISUM_CHISUM	LAMAR	SOLAR	NORTH	2018	10.0
710 COMMERCE_SOLAR		DG_X443PV1_SWRI_PV1	BEXAR	SOLAR	SOUTH	2019	5.0
711 EDDY SOLAR II		DG_EDDYII_EDDYII	MCLENNAN	SOLAR	NORTH	2018	10.0
712 FIFTH GENERATION SOLAR 1		DG_FIFTHGS1_FGSOLAR1	TRAVIS	SOLAR	SOUTH	2016	1.6
713 GRIFFIN SOLAR		DG_GRIFFIN_GRIFFIN	MCLENNAN	SOLAR	NORTH	2019	5.0
714 HIGHWAY 56		DG_HWY56_HWY56	GRAYSON	SOLAR	NORTH	2017	5.3
715 HM SEALY SOLAR 1		DG_SEALY_1UNIT	AUSTIN	SOLAR	SOUTH	2015	1.6
716 LAMPWICK SOLAR		DG_LAMPWICK_LAMPWICK	MENARD	SOLAR	WEST	2019	7.5
717 LEON		DG_LEON_LEON	HUNT	SOLAR	NORTH	2017	10.0
718 MARLIN		DG_MARLIN_MARLIN	FALLS	SOLAR	NORTH	2017	5.3
719 MARS SOLAR (DGR)		DG_MARS_MARS	WEBB	SOLAR	SOUTH	2019	10.0
720 NORTH GAINESVILLE		DG_NGNNSVL_NGANESV	COOKE	SOLAR	NORTH	2017	5.2
721 OCI ALAMO 2 SOLAR-ST. HEDWIG		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4
722 OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
723 POWERFIN KINGSBERY		DG_PFK_PFKPV	TRAVIS	SOLAR	SOUTH	2017	2.6
724 RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSEVRSS_CSS1	DENTON	SOLAR	NORTH	2015	2.0
725 STERLING		DG_STRLNG_STRLNG	HUNT	SOLAR	NORTH	2018	10.0
726 SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
727 SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
728 SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
729 SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
730 WALNUT SPRINGS		DG_WLNTSPRG_1UNIT	BOSQUE	SOLAR	NORTH	2016	10.0
731 WEST MOORE II		DG_WMOOREII_WMOOREII	GRAYSON	SOLAR	NORTH	2018	5.0
732 WHITESBORO		DG_WBORO_WHITESBORO	GRAYSON	SOLAR	NORTH	2017	5.0
733 WHITESBORO II		DG_WBOROII_WHBOROII	GRAYSON	SOLAR	NORTH	2017	5.0
734 WHITEWRIGHT		DG_WHTRT_WHTRGHT	FANNIN	SOLAR	NORTH	2017	10.0
735 WHITNEY SOLAR		DG_WHITNEY_SOLAR1	BOSQUE	SOLAR	NORTH	2017	10.0
736 YELLOW JACKET SOLAR		DG_YLWJACKET_YLWJACKET	BOSQUE	SOLAR	NORTH	2018	5.0
<b>737 Operational Capacity Total (Solar)</b>							<b>4,210.5</b>
738 Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				80.0
739							
<b>740 Operational Resources (Storage)</b>							
741 BLUE SUMMIT BATTERY		BLSUMMIT_BATTERY	WILBARGER	STORAGE	WEST	2017	30.0
742 BRP ALVIN (DGR)		BRPALVIN_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	9.9
743 BRP ANGELTON (DGR)		BRPANGLE_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	9.9
744 BRP BRAZORIA (DGR)		BRPBRAZ_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	9.9
745 BRP HEIGHTS (DGR)		BRHEIGHT_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	9.9
746 BRP MAGNOLIA (DGR)		BRPMAGNO_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	9.9
747 BRP ODESSA SW (DGR)		BRPODESA_UNIT1	ECTOR	STORAGE	WEST	2020	9.9
748 CASTLE GAP BATTERY		CASL_GAP_BATTERY1	UPTON	STORAGE	WEST	2019	9.9
749 COMMERCE ST ESS (DGR)		X443ESS1_SWRI	BEXAR	STORAGE	SOUTH	2020	10.0
750 FLAT TOP BATTERY (DGR)		FLTBES_BESS1	REEVES	STORAGE	WEST	2020	9.9
751 INADEALE ESS		INDL_ESS	NOLAN	STORAGE	WEST	2018	9.9
752 JOHNSON CITY BESS (DGR)		JC_BAT_UNIT_1	BLANCO	STORAGE	SOUTH	2020	2.3
753 NOTREES BATTERY FACILITY		NWF_NBS	WINKLER	STORAGE	WEST	2013	33.7
754 OCI ALAMO 1		OCI_ALM1_ASTRO1	BEXAR	STORAGE	SOUTH	2016	1.0
755 PORT LAVACA BATTERY (DGR)		PTLBES_BESS1	CALHOUN	STORAGE	COASTAL	2020	9.9
756 PROSPECT STORAGE (DGR)		WCOLLDG_BSS_U1	BRAZORIA	STORAGE	COASTAL	2020	9.9
757 PYRON ESS		PYR_ESS	SCURRY	STORAGE	WEST	2018	9.9
758 RABBIT HILL ENERGY STORAGE PROJECT (DGR)		RHESS2_ESS_1	WILLIAMSON	STORAGE	SOUTH	2020	9.9
759 TOS BATTERY STORAGE (DGR)		TOSBATT_UNIT1	MIDLAND	STORAGE	WEST	2017	2.0
760 WORSHAM BATTERY (DGR)		WRSBES_BESS1	REEVES	STORAGE	WEST	2020	9.9
761 KINGSBERY ENERGY STORAGE SYSTEM		DG_KB_ESS_KB_ESS	TRAVIS	STORAGE	SOUTH	2017	1.5
762 MU ENERGY STORAGE SYSTEM		DG_MU_ESS_MU_ESS	TRAVIS	STORAGE	SOUTH	2018	1.5
763 YOUNICOS FACILITY		DG_YOUNICOS_YINC1_1	TRAVIS	STORAGE	SOUTH	2015	2.0
<b>764 Operational Capacity Total (Storage)</b>							<b>222.6</b>
765 Storage Peak Average Capacity Percentage		STORAGE_PEAK_PCT	%				0.0
766							
767 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			0
768							
769 Capacity Pending Retirement		PENDRETIRE_CAP					0
770							
<b>771 Non-Synchronous Tie Resources</b>							
772 EAST TIE		DC_E	FANNIN	OTHER	NORTH		600.0
773 NORTH TIE		DC_N	WILBARGER	OTHER	WEST		220.0
774 LAREDO VFT TIE		DC_L	WEBB	OTHER	SOUTH		100.0
775 SHARYLAND RAILROAD TIE		DC_R	HIDALGO	OTHER	SOUTH		300.0
<b>776 Non-Synchronous Ties Total</b>							<b>1,220.0</b>
777 Non-Synchronous Ties Peak Average Capacity Percentage		DCTIE_PEAK_PCT	%				69.67
778							
<b>779 Planned Thermal Resources with Executed SGIA, Air Permit, GHG Permit and Proof of Adequate Water Supplies</b>							
780 AIR PRODUCTS GCA		21INR0012	GALVESTON	GAS-ST	HOUSTON	2022	-
781 BRANDON (LP&L) (DGR)		21INR0201	LUBBOCK	GAS-GT	PANHANDLE	2021	21.0
782 CHAMON 2		19INR0056	HARRIS	GAS-GT	HOUSTON	2021	-
783 MIRAGE		17INR0022	HARRIS	GAS-GT	HOUSTON	2021	-
784 OLD BLOOMINGTON ROAD		19INR0057	VICTORIA	GAS-GT	SOUTH	2021	-
785 PROENERGY SOUTH 1 (PES1)		20INR0206	HARRIS	GAS-GT	HOUSTON	2021	306.0
786 R MASSENGALE (LP&L)		21INR0202	LUBBOCK	GAS-CC	PANHANDLE	2021	58.0
787 TOPAZ POWER PLANT		20INR0231	GALVESTON	GAS-GT	HOUSTON	2021	510.0
788 TY COOKE (LP&L)		21INR0506	LUBBOCK	GAS-GT	PANHANDLE	2021	-
<b>789 Planned Capacity Total (Nuclear, Coal, Gas, Biomass)</b>							<b>895.0</b>
790							
<b>791 Planned Wind Resources with Executed SGIA</b>							
792 CHALUPA WIND		20INR0042	CAMERON	WIND-C	COASTAL	2021	174.0
793 CRANEL WIND		19INR0112	REFUGIO	WIND-C	COASTAL	2020	220.0
794 EAST RAYMOND WIND		18INR0059	WILLACY	WIND-C	COASTAL	2021	201.6
795 EL ALGODON ALTO W		15INR0034	SAN PATRICIO	WIND-C	COASTAL	2021	-
796 EL SUAZ RANCH		20INR0097	WILLACY	WIND-C	COASTAL	2022	-
797 ESPIRITU WIND		17INR0031	CAMERON	WIND-C	COASTAL	2021	25.2
798 LAS MAJADAS WIND		17INR0035	WILLACY	WIND-C	COASTAL	2021	272.6
799 MONTE ALTO I		19INR0022	WILLACY	WIND-C	COASTAL	2022	-
800 SHAFFER (PATRIOT WIND/PETRONILLA)		11INR0062	NUECES	WIND-C	COASTAL	2020	226.0
801 WEST RAYMOND (EL TRUENO) WIND		20INR0088	WILLACY	WIND-C	COASTAL	2021	239.8
802 CAROL WIND		20INR0217	POTTER	WIND-P	PANHANDLE	2022	-
803 HART WIND		16INR0033	CASTRO	WIND-P	PANHANDLE	2022	-
804 AJAX WIND		20INR0142	WILBARGER	WIND-O	WEST	2021	-
805 ANCHOR WIND		21INR0387	EASTLAND	WIND-O	NORTH	2021	-
806 APOGEE WIND		21INR0467	HASKELL	WIND-O	WEST	2021	-
807 AQUILLA LAKE 2 WIND		20INR0256	HILL	WIND-O	NORTH	2021	-
808 AQUILLA LAKE WIND		19INR0145	BROWN	WIND-O	NORTH	2021	-
809 AVIATOR WIND		19INR0156	COKE	WIND-O	WEST	2020	525.0
810 BAIRD NORTH II WIND		21INR0498	CALLAHAN	WIND-O	WEST	2021	-
811 BAIRD NORTH WIND		20INR0083	CALLAHAN	WIND-O	WEST	2021	-
812 BARROW RANCH (JUMBO HILL WIND)		18INR0038	ANDREWS	WIND-O	WEST	2021	160.0
813 BLACKJACK CREEK WIND		20INR0068	BEE	WIND-O	SOUTH	2021	-
814 CACTUS FLATS WIND		16INR0086	CONCHO	WIND-O	WEST	2021	148.4
815 CANYON WIND							

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
826 KONTIKI 2 WIND (ERNEST)	19INR009b		GLASSCOCK	WIND-O	WEST	2023	-
827 LORAIN WINDPARK PHASE III	18INR0068		MICHELL	WIND-O	WEST	2022	-
828 MARYNEAL WINDPOWER	18INR0031		NOLAN	WIND-O	WEST	2021	182.4
829 MAVERICK CREEK I	20INR0045		CONCHO	WIND-O	WEST	2021	373.0
830 MAVERICK CREEK II	20INR0046		CONCHO	WIND-O	WEST	2021	119.0
831 MESTENO WIND	16INR0081		STARR	WIND-O	SOUTH	2021	201.6
832 MONARCH CREEK WIND	21INR0263		THROCKMORTON	WIND-O	WEST	2021	-
833 OVEJA WIND	18INR0033		IRION	WIND-O	WEST	2021	300.0
834 PRAIRIE HILL WIND	19INR0100		MCLENNAN	WIND-O	NORTH	2021	300.0
835 PRIDDY WIND	16INR0085		MILLS	WIND-O	NORTH	2021	-
836 RELOJ DEL SOL WIND	17INR0025		ZAPATA	WIND-O	SOUTH	2021	209.4
837 ROADRUNNER CROSSING WIND 1	19INR0117		EASTLAND	WIND-O	NORTH	2021	-
838 RTS 2 WIND (HEART OF TEXAS WIND)	18INR0016		MCCULLOCH	WIND-O	SOUTH	2020	179.9
839 SAGE DRAW WIND	19INR0163		LYNN	WIND-O	WEST	2020	338.0
840 TG EAST WIND	19INR0052		KNOX	WIND-O	WEST	2021	-
841 VENADO WIND	16INR0111		STARR	WIND-O	SOUTH	2021	201.6
842 VERA WIND	19INR0051		KNOX	WIND-O	WEST	2021	208.8
843 VERA WIND V110	20INR0305		KNOX	WIND-O	WEST	2021	34.0
844 VORTEX WIND	20INR0120		THROCKMORTON	WIND-O	WEST	2021	-
845 WHITE MESA WIND	19INR0128		CROCKETT	WIND-O	WEST	2021	-
846 WHITE MESA 2 WIND	21INR0521		COKE	WIND-O	WEST	2021	-
847 WHITEHORSE WIND	19INR0080		FISHER	WIND-O	WEST	2020	418.9
848 WILDWIND	20INR0033		COOKE	WIND-O	NORTH	2021	180.1
849 WKN AMADEUS WIND	14INR0009		FISHER	WIND-O	WEST	2021	250.1
850 Planned Capacity Total (Wind)							6,870.8
851							
852 Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C					1,359.2
853 Wind Peak Average Capacity Percentage (Coastal)		WIND_PL_PL_PLAK_PCT_C	%				61.0
854							
855 Planned Wind Capacity Sub-total (Panhandle Counties)		WIND_PLANNED_P					-
856 Wind Peak Average Capacity Percentage (Panhandle)		WIND_PL_PLAK_PCT_P	%				29.0
857							
858 Planned Wind Capacity Sub-total (Other counties)		WIND_PLANNED_O					5,511.6
859 Wind Peak Average Capacity Percentage (Other)		WIND_PL_PLAK_PCT_O	%				19.0
860							
861 Planned Solar Resources with Executed SGIA							
862 7V SOLAR	21INR0351		FAYETTE	SOLAR	SOUTH	2023	-
863 ANSON SOLAR	19INR0081		JONES	SOLAR	WEST	2021	201.5
864 ARAGORN SOLAR	19INR0088		CULBERSON	SOLAR	WEST	2021	187.2
865 ARMADILLO SOLAR	21INR0421		NAVARRO	SOLAR	NORTH	2022	-
866 AZURE SKY SOLAR	21INR0477		HASKELL	SOLAR	WEST	2021	228.4
867 BIG STAR SOLAR	21INR0413		BASTROP	SOLAR	SOUTH	2022	-
868 BLUE JAY SOLAR	19INR0085		GRIMES	SOLAR	NORTH	2021	-
869 BLUEBELL SOLAR II	20INR0204		STERLING	SOLAR	WEST	2021	115.0
870 BRAVEPOST SOLAR	20INR0053		TOM GREEN	SOLAR	WEST	2022	-
871 BRIGHT ARROW SOLAR	22INR0242		HOPKINS	SOLAR	NORTH	2022	-
872 BRIGHTSIDE SOLAR	18INR0060		BEE	SOLAR	SOUTH	2021	-
873 CAROL SOLAR	21INR0274		POTTER	SOLAR	PANHANDLE	2022	-
874 CASTRO SOLAR	20INR0050		CASTRO	SOLAR	PANHANDLE	2022	-
875 CONCHO VALLEY SOLAR	21INR0384		TOM GREEN	SOLAR	WEST	2022	-
876 CONIGLIO SOLAR	20INR0037		FANNIN	SOLAR	NORTH	2021	125.7
877 CORAZON SOLAR PHASE I	15INR0044		WEBB	SOLAR	SOUTH	2021	202.6
878 CORAZON SOLAR PHASE II	22INR0257		WEBB	SOLAR	SOUTH	2022	-
879 COTTONWOOD BAYOU	19INR0134		BRAZORIA	SOLAR	COASTAL	2022	-
880 CROWDED STAR SOLAR	20INR0241		JONES	SOLAR	WEST	2023	-
881 CROWDED STAR SOLAR II	22INR0274		JONES	SOLAR	WEST	2023	-
882 CUTLASS SOLAR	19INR0131		FORT BEND	SOLAR	HOUSTON	2022	-
883 DANCIGER SOLAR	20INR0098		BRAZORIA	SOLAR	COASTAL	2022	-
884 DANISH FIELDS SOLAR I	20INR0069		WHARTON	SOLAR	SOUTH	2022	-
885 DANISH FIELDS SOLAR II	21INR0016		WHARTON	SOLAR	SOUTH	2022	-
886 DANISH FIELDS SOLAR III	21INR0017		DEAF SMITH	SOLAR	PANHANDLE	2021	-
887 DAWN SOLAR	20INR0255		LAMAR	SOLAR	NORTH	2021	-
888 SAMSON SOLAR 1	21INR0221		LAMAR	SOLAR	NORTH	2022	-
889 DELILAH SOLAR 1	22INR0202		LAMAR	SOLAR	NORTH	2022	-
890 SAMSON SOLAR 2	21INR0490		LAMAR	SOLAR	NORTH	2023	-
891 SAMSON SOLAR 3	21INR0491		LAMAR	SOLAR	NORTH	2021	-
892 DELILAH SOLAR 2	22INR0203		LAMAR	SOLAR	NORTH	2023	-
893 DELILAH SOLAR 3	23INR0042		LAMAR	SOLAR	NORTH	2023	-
894 DELILAH SOLAR 4	23INR0060		LAMAR	SOLAR	NORTH	2023	-
895 ELARA SOLAR	21INR0276		FRIO	SOLAR	SOUTH	2021	-
896 EMERALD GROVE SOLAR (PECOS SOLAR POWER I)	15INR0059		PECOS	SOLAR	WEST	2021	-
897 EQUINOX SOLAR 1	21INR0226		STARR	SOLAR	SOUTH	2023	-
898 EUNICE SOLAR	20INR0219		ANDREWS	SOLAR	WEST	2021	426.7
899 FIGHTING JAYS SOLAR	21INR0278		FORT BEND	SOLAR	HOUSTON	2022	-
900 FORT BEND SOLAR	18INR0053		FORT BEND	SOLAR	HOUSTON	2021	-
901 FRYE SOLAR	20INR0080		SWISHER	SOLAR	PANHANDLE	2022	-
902 GALLOWAY 1 SOLAR	19INR0121		CONCHO	SOLAR	WEST	2021	-
903 GALLOWAY 2 SOLAR	21INR0431		CONCHO	SOLAR	WEST	2022	-
904 GRANDSLAM SOLAR	21INR0391		ATASCOSA	SOLAR	SOUTH	2021	-
905 GREEN HOLLY SOLAR	21INR0021		DAWSON	SOLAR	WEST	2023	-
906 HOPKINS SOLAR	20INR0210		HOPKINS	SOLAR	NORTH	2022	-
907 HORIZON SOLAR	21INR0261		FRIO	SOLAR	SOUTH	2022	-
908 HOVEY (BARILLA SOLAR 1B)	12INR0059b		PECOS	SOLAR	WEST	2020	7.4
909 IMPACT SOLAR	19INR0151		LAMAR	SOLAR	NORTH	2021	198.6
910 INDIGO SOLAR	21INR0031		FISHER	SOLAR	WEST	2021	-
911 JADE SOLAR	22INR0360		SCURRY	SOLAR	WEST	2022	-
912 JUNO SOLAR PHASE I	21INR0026		BORDEN	SOLAR	WEST	2021	166.1
913 JUNO SOLAR PHASE II	21INR0501		BORDEN	SOLAR	WEST	2021	-
914 LILY SOLAR	19INR0044		KAUFMAN	SOLAR	NORTH	2021	147.6
915 LONGBOW SOLAR	20INR0026		BRAZORIA	SOLAR	COASTAL	2022	-
916 LONG DRAW SOLAR	18INR0055		BORDEN	SOLAR	WEST	2021	226.7
917 LONG POINT SOLAR	19INR0042		BRAZORIA	SOLAR	COASTAL	2022	-
918 MALEZA SOLAR	21INR0220		FORT BEND	SOLAR	HOUSTON	2022	-
919 MISAE SOLAR	18INR0045		CHILDRESS	SOLAR	PANHANDLE	2021	240.8
920 MISAE SOLAR II	20INR0091		CHILDRESS	SOLAR	PANHANDLE	2023	-
921 MORROW LAKE SOLAR	19INR0155		FRIO	SOLAR	SOUTH	2022	-
922 MUSTANG CREEK SOLAR	18INR0050		JACKSON	SOLAR	SOUTH	2022	-
923 MYRTLE SOLAR	19INR0041		BRAZORIA	SOLAR	COASTAL	2022	-
924 MYRTLE SOLAR II	20INR0263		BRAZORIA	SOLAR	COASTAL	2022	-
925 NABATOTO SOLAR NORTH	21INR0428		LEON	SOLAR	NORTH	2022	-
926 NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2023	-
927 NOBLE SOLAR	20INR0214		DENTON	SOLAR	NORTH	2022	-
928 NORTON SOLAR	19INR0035		RUNNELS	SOLAR	WEST	2022	-
929 OLD 300 SOLAR CENTER	21INR0406		FORT BEND	SOLAR	HOUSTON	2021	-
930 OLD HICKORY SOLAR	20INR0236		JACKSON	SOLAR	SOUTH	2022	-
931 PFLUGERVILLE SOLAR	15INR0090		TRAVIS	SOLAR	SOUTH	2021	-
932 PHOENIX SOLAR	19INR0091		FANNIN	SOLAR	NORTH</		

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
944 ROSELAND SOLAR	20INR0205	FALLS	SOLAR	NORTH	2022	-	
945 RUETER SOLAR	20INR0202	BOSQUE	SOLAR	NORTH	2022	-	
946 SBRANCH SOLAR PROJECT	22INR0205	WHARTON	SOLAR	SOUTH	2022	-	
947 SECOND DIVISION SOLAR	20INR0248	BRAZORIA	SOLAR	COASTAL	2022	-	
948 SHAKES SOLAR	19INR0073	ZAVALA	SOLAR	SOUTH	2021	-	
949 SIGNAL SOLAR	20INR0208	HUNT	SOLAR	NORTH	2022	-	
950 SODA LAKE SOLAR 2	20INR0143	CRANE	SOLAR	WEST	2022	-	
951 SOLEMIO	19INR0093	HOPKINS	SOLAR	NORTH	2022	-	
952 SPACE CITY SOLAR	21INR0341	WHARTON	SOLAR	SOUTH	2022	-	
953 SPANISH CROWN	21INR0323	FALLS	SOLAR	NORTH	2022	-	
954 SPARTA SOLAR	22INR0352	BEE	SOLAR	SOUTH	2022	-	
955 STARR SOLAR RANCH	20INR0216	STARR	SOLAR	SOUTH	2021	-	
956 STRATEGIC SOLAR 1	20INR0081	ELLIS	SOLAR	NORTH	2021	-	
957 SUN VALLEY	19INR0169	HILL	SOLAR	NORTH	2022	-	
958 TAYGETE II SOLAR	21INR0233	PECOS	SOLAR	WEST	2021	-	
959 TAYGETE SOLAR	20INR0054	PECOS	SOLAR	WEST	2021	255.1	
960 TEXAS SOLAR NOVA	19INR0001	KENT	SOLAR	WEST	2022	-	
961 TIMBERWOLF POI A	20INR0226	UPTON	SOLAR	WEST	2022	-	
962 TITAN SOLAR (IP TITAN)	20INR0032	CULBERSON	SOLAR	WEST	2021	270.0	
963 TRES BAHIAS SOLAR	20INR0266	CALHOUN	SOLAR	COASTAL	2021	-	
964 TYSON NICK SOLAR	20INR0222	LAMAR	SOLAR	NORTH	2021	-	
965 UPTON SOLAR	16INR0114	UPTON	SOLAR	WEST	2021	-	
966 VANCOURT SOLAR	21INR0213	CAMERON	SOLAR	COASTAL	2021	-	
967 VISION SOLAR 1	20INR0082	NAVARRO	SOLAR	NORTH	2021	-	
968 WAGYU SOLAR	18INR0062	BRAZORIA	SOLAR	COASTAL	2021	120.0	
969 WESTORIA SOLAR	20INR0101	BRAZORIA	SOLAR	COASTAL	2021	-	
970 ZIER SOLAR	21INR0019	KINNEY	SOLAR	SOUTH	2022	-	
<b>971 Planned Capacity Total (Solar)</b>							<b>3,397.4</b>
972 Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%				80.0
973							
<b>974 Planned Storage Resources with Executed SGIA</b>							
975 AZURE SKY BESS	21INR0476	HASKELL	STORAGE	WEST	2021	77.6	
976 BAT CAVE	21INR0365	MASON	STORAGE	SOUTH	2021	100.5	
977 BRP DICKENS BESS	22INR0325	DICKENS	STORAGE	PANHANDLE	2022	-	
978 BRP PALEO BESS	22INR0322	HALE	STORAGE	PANHANDLE	2022	-	
979 CHISHOLM GRID	20INR0089	TARRANT	STORAGE	NORTH	2021	-	
980 CROSSETT POWER BATT	21INR0510	CRANE	STORAGE	WEST	2021	-	
981 ENDURANCE PARK STORAGE	21INR0479	SCURRY	STORAGE	WEST	2022	-	
982 EUNICE STORAGE	20INR0220	ANDREWS	STORAGE	WEST	2021	40.3	
983 GAMBIT	21INR0364	BRAZORIA	STORAGE	COASTAL	2021	102.4	
984 GREEN HOLLY STORAGE	21INR0029	DAWSON	STORAGE	WEST	2023	-	
985 HIGH LONESOME BESS	20INR0280	CROCKETT	STORAGE	WEST	2022	-	
986 IGNACIO GRID	21INR0522	HIDALGO	STORAGE	SOUTH	2022	-	
987 LILY STORAGE	20INR0294	KAUFMAN	STORAGE	NORTH	2021	51.7	
988 MADERO GRID	21INR0244	HIDALGO	STORAGE	SOUTH	2022	-	
989 RYAN ENERGY STORAGE	20INR0246	CORYELL	STORAGE	NORTH	2022	-	
990 NORTH FORK	20INR0276	WILLIAMSON	STORAGE	SOUTH	2021	100.5	
991 QUEEN BESS	20INR0281	UPTON	STORAGE	WEST	2022	-	
992 RED HOLLY STORAGE	21INR0033	DAWSON	STORAGE	WEST	2023	-	
993 REPUBLIC ROAD STORAGE	21INR0460	ROBERTSON	STORAGE	NORTH	2021	-	
994 ROUGHNECK STORAGE	19INR0176	BRAZORIA	STORAGE	COASTAL	2021	50.0	
995 SILICON HILL STORAGE	20INR0291	TRAVIS	STORAGE	SOUTH	2021	104.6	
996 SP TX-12B BESS	21INR0357	UPTON	STORAGE	WEST	2021	-	
997 BRP DICKINSON (DGR)	BRP_DIKN_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	9.9	
998 BRP PUEBLO I (DGR)	BRP_PBL1_UNIT1	MAVERICK	STORAGE	SOUTH	2020	5.0	
999 BRP PUEBLO II (DGR)	BRP_PBL2_UNIT1	MAVERICK	STORAGE	SOUTH	2020	10.0	
1000 BRP RANCHTOWN (DGR)	BRP_RNC1_UNIT1	BEXAR	STORAGE	SOUTH	2021	9.9	
1001 BRP SWEENEY (DGR)	BRP_SWNY_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	10.0	
1002 BRP ZAPATA I (DGR)	BRP_ZPT1_UNIT1	ZAPATA	STORAGE	SOUTH	2020	10.0	
1003 BRP ZAPATA II (DGR)	BRP_ZPT2_UNIT1	ZAPATA	STORAGE	SOUTH	2020	5.0	
1004 FLOWER VALLEY BATTERY (DGR)	FLVABES1_FLATU1	REEVES	STORAGE	WEST	2020	9.9	
1005 HOEFSROAD BESS (DGR)	HRBESS_BESS	REEVES	STORAGE	WEST	2020	2.0	
1006 SWOOSE BATTERY (DGR)	SWOOSE1_SWOOSEU1	WARD	STORAGE	WEST	2020	9.9	
1007 TRIPLE BUTTE (DGR)	TRIPBUT1_BELU1	PECOS	STORAGE	WEST	2021	7.5	
<b>1008 Planned Capacity Total (Storage)</b>							<b>716.7</b>
1009 Storage Peak Average Capacity Percentage		STORAGE_PL_PEAK_PCT	%				0.0
1010							
<b>1011 Inactive Planned Resources</b>							
1012 HALYARD WHARTON ENERGY CENTER	16INR0044	WHARTON	GAS-GT	SOUTH	2021	484.0	
1013 BIG SAMPSION WIND	16INR0104	CROCKETT	WIND-O	WEST	2023	-	
1014 CHOCOLATE BAYOU W	16INR0074	BRAZORIA	WIND-C	COASTAL	2022	-	
1015 GOODNIGHT WIND	14INR0033	ARMSTRONG	WIND-P	PANHANDLE	2022	-	
1016 MARIAH DEL ESTE	13INR0010a	PARMER	WIND-P	PANHANDLE	2020	152.5	
1017 NORTHDRAW WIND	13INR0025	RANDALL	WIND-P	PANHANDLE	2020	150.0	
1018 PANHANDLE WIND 3	14INR0030c	CARSON	WIND-P	PANHANDLE	2022	-	
1019 WILDROSE WIND (SWISHER WIND)	13INR0038	SWISHER	WIND-P	PANHANDLE	2021	-	
1020 LOMA PINTA WIND	16INR0112	LA SALLE	WIND-O	SOUTH	2021	-	
1021 AGATE SOLAR	20INR0023	ELLIS	SOLAR	NORTH	2020	60.0	
1022 GARNET SOLAR	20INR0021	WILLIAMSON	SOLAR	SOUTH	2020	20.0	
1023 SPINEL SOLAR	20INR0025	MEDINA	SOLAR	SOUTH	2020	30.0	
<b>1024 Inactive Planned Capacity Total</b>							<b>896.5</b>
1025							
<b>1026 Seasonal Mothballed Resources</b>							
1027 GREGORY POWER PARTNERS GT1 (AVAILABLE 5/1 THROUGH 9/30)	LGE_LGE_GT1	SAN PATRICIO	GAS-CC	COASTAL	2000	145.0	
1028 GREGORY POWER PARTNERS GT2 (AVAILABLE 5/1 THROUGH 9/30)	LGE_LGE_GT2	SAN PATRICIO	GAS-CC	COASTAL	2000	145.0	
1029 GREGORY POWER PARTNERS STG (AVAILABLE 5/1 THROUGH 9/30)	LGE_LGE_STG	SAN PATRICIO	GAS-CC	COASTAL	2000	75.0	
1030 SPENCER STG U4 (AVAILABLE 5/20 THROUGH 10/10)	SPNCER_SPNCE_4	DENTON	GAS-ST	NORTH	1966	57.0	
1031 SPENCER STG U5 (AVAILABLE 5/20 THROUGH 10/10)	SPNCER_SPNCE_5	DENTON	GAS-ST	NORTH	1973	61.0	
1032 NACOGDOCHES POWER (AVAILABLE 5/15 THROUGH 10/15)	NACPW_UNIT1	NACOGDOCHES	BIO MASS	NORTH	2012	105.0	
<b>1033 Total Seasonal Mothballed Capacity</b>							<b>588.0</b>
1034							
<b>1035 Mothballed Resources</b>							
1036 J T DEELY U1 (AS OF 12/31/2018)	CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1977	420.0	
1037 J T DEELY U2 (AS OF 12/31/2018)	CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1978	420.0	
<b>1038 Total Mothballed Capacity</b>							<b>840.0</b>
1039							
<b>1040 Retiring Resources Unavailable to ERCOT (since last CDR/SARA)</b>							
1041 TRINIDAD STG 6 (RETIRING ON 4/29/2021)	TRSES_UNIT6	HENDERSON	GAS-ST	NORTH	1965	235.0	
1042 SHERBINO 1 WIND (AS OF 2/1/2021)	KEO_KEO_SM1	PECOS	WIND-O	WEST	2008	150.0	
<b>1043 Total Retiring Capacity</b>							<b>385.0</b>

Notes:

Capacity changes due to planned repower/upgrade projects are reflected in the operational units' ratings upon receipt and ERCOT approval of a new Resource Asset Registration Form (RARF). Interconnection requests for existing resources that involve MW capacity changes are indicated with a code in the "Generation Interconnection Project Code" column.

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

Unit Names with a (DGR) suffix are Distribution Generation Resources. Units rated 10 MW or less currently do not go through the GINR application process.

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

## Seasonal Assessment of Resource Adequacy for the ERCOT Region

### Background

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

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

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

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

The SARA report is intended to illustrate the range of resource adequacy outcomes that might occur. It serves as a situational awareness tool for ERCOT operational planning purposes, and helps fulfill the "extreme weather" resource adequacy assessment requirement per Public Utility Commission of Texas rule 25.362(i)(2)(H). In addition to a base scenario, several other scenarios are developed by varying the value of load forecast and resource availability parameters. The variation in these parameters is based on historic ranges of the parameter values or known changes expected in the near-term. Although the summer SARA report designates certain scenarios as "low probability, high impact" events, the SARA report is not intended to indicate the likelihood of any scenario outcomes.