Release Date: September 2, 2020

FINAL
Seasonal Assessment of Resource Adequacy for the ERCOT Region (SARA)
Fall 2020

SUMMARY

The Electric Reliability Council of Texas (ERCOT) anticipates there will be sufficient installed generating capacity available to serve system-wide forecasted peak demand this fall (October-November 2020).
“We study a range of normal to extreme scenarios prior to each season to determine whether there are any operational risks associated with meeting the forecasted peak demand,” said Manager of Resource Adequacy Pete Warnken. “At this time, our assessments show there will be adequate generation for fall.”

The peak demand forecast was developed using revised Moody’s economic data obtained in April 2020. The final fall SARA includes a 60,966 MW peak demand forecast, which is unchanged from the preliminary fall forecast and is based on normal weather conditions during fall peak demand periods, from 2004 through 2018.
ERCOT anticipates there will be more than 86,000 MW of resource capacity available at the start of the fall season, including 1,475 MW of planned wind and solar capacity that is expected to be available during fall peak demand periods.

This fall SARA includes a unit outage forecast of 14,267 MW, which is based on the historical average of outages for weekday peak hours for each of the last three fall seasons (2017-2019).

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Forecasted Capacity and Demand

Operational Resources (thermal and hydro), MW	65,850	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Switchable Capacity Total, MW	3,639	Installed capacity of units that can interconnect with other Regions and are available to ERCOT
Less Switchable Capacity Unavailable to ERCOT, MW	-558	Based on survey responses of Switchable Resource owners
Available Mothballed Capacity, MW	0	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Capacity from Private Use Networks, MW	2,772	Average grid injection during the top 20 fall 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, MW	1,205	Based on 35% of installed capacity for coastal wind resources (fall season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Panhandle Wind, Peak Average Capacity Contribution, MW	1,896	Based on 43% of installed capacity for panhandle wind resources (fall season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Other Wind, Peak Average Capacity Contribution, MW	6,503	Based on 38% of installed capacity for other wind resources (fall season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Solar Utility-Scale, Peak Average Capacity Contribution, MW	2,392	Based on 66% of rated capacity for solar resources (fall season) per Nodal Protocols Section 3.2.6.2.2
Storage, Peak Average Capacity Contribution, MW	0	Based on 0% of rated capacity (fall season); resources assumed to provide regulation reserves rather than sustained capacity available to meet peak loads
RMR Capacity to be under Contract	0	
Capacity Pending Retirement, MW	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, MW	838	Based on net imports during winter 2013/2014 Energy Emergency Alert (EEA) intervals (Used as a proxy for the fall season due to lack of EEA intervals)
Planned Thermal Resources with Signed IA, Air Permits and Water Rights, MW	0	Based on in-service dates provided by developers
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution, MW	130	Based on in-service dates provided by developers and 35% fall capacity contribution for coastal wind resources
Planned Panhandle Wind with Signed IA, Peak Average Capacity Contribution, MW	0	Based on in-service dates provided by developers and 43% fall capacity contribution for panhandle wind resources
Planned Other Wind with Signed IA, Peak Average Capacity Contribution, MW	960	Based on in-service dates provided by developers and 38% fall capacity contribution for other wind resources
Planned Solar Utility-Scale, Peak Average Capacity Contribution, MW	386	Based on in-service dates provided by developers and 66% fall capacity contribution for solar resources
Planned Storage, Peak Average Capacity Contribution, MW	0	Based on in-service dates provided by developers and 0% fall capacity contribution for storage resources
[a] Total Resources, MW	86,012	
[b] Peak Demand, MW	60,966	Based on average weather conditions at the time of the fall peak demand from 2004 – 2018, and updated based on a revised economic growth forecast prepared in April 2020
[c] Reserve Capacity [a - b], MW	25,046	

Range of Potential Risks

	Forecasted Season Peak Load / Typical Generation Outages	Forecasted Season Peak Load / Extreme Generation Outages	Forecasted Season Peak Load / Extreme Low Wind Output	Extreme Season Peak Load / Typical Generation Outages	
Seasonal Load Adjustment	-	-	-	4,694	Based on 2014 fall weather conditions and an April 2020 revised economic growth forecast; the extreme fall forecast is 65,660 MW
Typical Maintenance Outages, Thermal	9,926	9,926	9,926	9,926	Based on the historical average of planned outages for October through November weekdays, hours ending 2 pm - 8 pm, for the last three fall seasons (2017 - 2019)
Typical Forced Outages, Thermal	4,341	4,341	4,341	4,341	Based on historical average of forced outages for October through November weekdays, hours ending 2 pm - 8 pm, for the last three fall seasons (2017 - 2019)
95th Percentile Forced Outages, Thermal	-	3,157	-	-	Based on the 95th percentile of historical forced outages for October through November weekdays, hours ending 2 pm - 8 pm, for the last three fall seasons (2017 - 2019); the adjustment is the 95th percentile value, 8,006 MW, less the typical forced outage amount of 3,616 MW
Low Wind Output Adjustment	-	-	8,908	-	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 2015-2019 fall Peak Load seasons; this low wind output level is 1,785 MW
[d] Total Uses of Reserve Capacity	14,267	17,425	23,175	18,961	
[e] Capacity Available for Operating Reserves, Normal Operating Conditions (c-d), MW Less than 2,300 MW indicates risk of EEA1	10,778	7,621	1,871	6,084	See the Background tab for additional details

Unit Capacities - Fall

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
	Operational Resources (Thermal)							
4	COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,222.0
5	COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,209.0
6	SOUTH TEXAS U1	20INR0287	STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,323.2
7	SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,310.0
8	COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	655.0
9	FAYETTE POWER U1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	603.0
10	FAYETTE POWER U2		FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	603.0
11	FAYETTE POWER U3		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	444.0
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	815.0
17	MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0
18	MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0
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	945.0
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_ATKINSG7	BRAZOS	GAS-GT	NORTH	1973	19.0
33	BARNEY M DAVIS CTG 3	20INR0312	B_DAVIS_B_DAVIG3	NUECES	GAS-CC	COASTAL	2010	161.0
34	BARNEY M DAVIS CTG 4	20INR0312	B_DAVIS_B_DAVIG4	NUECES	GAS-CC	COASTAL	2010	161.0
35	BARNEY M DAVIS STG 1	20INR0312	B_DAVIS_B_DAVIG1	NUECES	GAS-ST	COASTAL	1974	330.0
36	BARNEY M DAVIS STG 2	20INR0312	B_DAVIS_B_DAVIG2	NUECES	GAS-CC	COASTAL	1976	322.0
37	BASTROP ENERGY CENTER CTG 1		BASTEN_GTG1100	BASTROP	GAS-CC	SOUTH	2002	157.0
38	BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS-CC	SOUTH	2002	157.0
39	BASTROP ENERGY CENTER STG		BASTEN_ST0100	BASTROP	GAS-CC	SOUTH	2002	236.0
40	BOSQUE ENERGY CENTER CTG 1		BOSQUESW_BSQSU_1	BOSQUE	GAS-CC	NORTH	2000	160.5
41	BOSQUE ENERGY CENTER CTG 2		BOSQUESW_BSQSU_2	BOSQUE	GAS-CC	NORTH	2000	160.5
42	BOSQUE ENERGY CENTER CTG 3		BOSQUESW_BSQSU_3	BOSQUE	GAS-CC	NORTH	2001	159.5
43	BOSQUE ENERGY CENTER STG 4		BOSQUESW_BSQSU_4	BOSQUE	GAS-CC	NORTH	2001	83.3
44	BOSQUE ENERGY CENTER STG 5		BOSQUESW_BSQSU_5	BOSQUE	GAS-CC	NORTH	2009	221.5
45	BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS-CC	HOUSTON	2003	168.0
46	BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS-CC	HOUSTON	2003	168.0
47	BRAZOS VALLEY STG 3		BVE_UNIT3	FORT BEND	GAS-CC	HOUSTON	2003	270.0
48	CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS-CC	WEST	1987	77.0
49	CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS-CC	WEST	1987	77.0
50	CALENERGY-FALCON SEABOARD STG 3		FLCNS_UNIT3	HOWARD	GAS-CC	WEST	1988	71.0
51	CALHOUN (PORT COMFORT) CTG 1		CALHOUN_UNIT1	CALHOUN	GAS-GT	COASTAL	2017	46.5
52	CALHOUN (PORT COMFORT) CTG 2		CALHOUN_UNIT2	CALHOUN	GAS-GT	COASTAL	2017	46.5
53	CASTLEMAN CHAMON CTG 1		CHAMON_CTG_0101	HARRIS	GAS-GT	HOUSTON	2017	46.5
54	CASTLEMAN CHAMON CTG 2		CHAMON_CTG_0301	HARRIS	GAS-GT	HOUSTON	2017	46.5
55	CEDAR BAYOU 4 CTG 1		CBY4_CT41	CHAMBERS	GAS-CC	HOUSTON	2009	168.0
56	CEDAR BAYOU 4 CTG 2		CBY4_CT42	CHAMBERS	GAS-CC	HOUSTON	2009	168.0
57	CEDAR BAYOU 4 STG		CBY4_ST04	CHAMBERS	GAS-CC	HOUSTON	2009	182.0
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	83.9
61	COLORADO BEND ENERGY CENTER CTG 2		CBEC_GT2	WHARTON	GAS-CC	SOUTH	2007	76.9
62	COLORADO BEND ENERGY CENTER CTG 3		CBEC_GT3	WHARTON	GAS-CC	SOUTH	2008	82.9
63	COLORADO BEND ENERGY CENTER CTG 4		CBEC_GT4	WHARTON	GAS-CC	SOUTH	2008	77.2
64	COLORADO BEND ENERGY CENTER STG 1		CBEC_STG1	WHARTON	GAS-CC	SOUTH	2007	107.0
65	COLORADO BEND ENERGY CENTER STG 2		CBEC_STG2	WHARTON	GAS-CC	SOUTH	2008	110.0
66	COLORADO BEND II CTG 7	18INR0077	CBECII_CT7	WHARTON	GAS-CC	SOUTH	2017	332.5
67	COLORADO BEND II CTG 8	18INR0077	CBECII_CT8	WHARTON	GAS-CC	SOUTH	2017	338.2
68	COLORADO BEND II STG 9	18INR0077	CBECII_STG9	WHARTON	GAS-CC	SOUTH	2017	482.8
69	CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS-CC	HOUSTON	2008	168.0
70	CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS-CC	HOUSTON	2008	163.0
71	CVC CHANNELVIEW CTG 3		CVC_CVC_G3	HARRIS	GAS-CC	HOUSTON	2008	163.0
72	CVC CHANNELVIEW STG 5		CVC_CVC_G5	HARRIS	GAS-CC	HOUSTON	2008	128.0
73	DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS-GT	NORTH	2004	46.5
74	DANSBY CTG 3		DANSBY_DANSBYG3	BRAZOS	GAS-GT	NORTH	2010	48.5
75	DANSBY STG 1		DANSBY_DANSBYG1	BRAZOS	GAS-ST	NORTH	1978	108.5
76	DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS-GT	SOUTH	1989	49.0
77	DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS-GT	SOUTH	1989	49.0
78	DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS-GT	SOUTH	1989	49.0
79	DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS-GT	SOUTH	1989	49.0
80	DECKER CREEK STG 1 (RETIRING ON 10/31/2020)		DECKER_DPG1	TRAVIS	GAS-ST	SOUTH	1971	320.0
81	DECKER CREEK STG 2		DECKER_DPG2	TRAVIS	GAS-ST	SOUTH	1978	420.0
82	DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS-GT	NORTH	1990	72.0
83	DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS-GT	NORTH	1990	71.0
84	DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS-GT	NORTH	1990	70.0
85	DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS-GT	NORTH	1990	71.0
86	DEER PARK ENERGY CENTER CTG 1		DDPEC_GT1	HARRIS	GAS-CC	HOUSTON	2002	194.0
87	DEER PARK ENERGY CENTER CTG 2		DDPEC_GT2	HARRIS	GAS-CC	HOUSTON	2002	206.0
88	DEER PARK ENERGY CENTER CTG 3		DDPEC_GT3	HARRIS	GAS-CC	HOUSTON	2002	194.0
89	DEER PARK ENERGY CENTER CTG 4		DDPEC_GT4	HARRIS	GAS-CC	HOUSTON	2002	206.0
90	DEER PARK ENERGY CENTER CTG 6		DDPEC_GT6	HARRIS	GAS-CC	HOUSTON	2014	179.0
91	DEER PARK ENERGY CENTER STG 1		DDPEC_ST1	HARRIS	GAS-CC	HOUSTON	2002	290.0
92	DENTON ENERGY CENTER IC A		DEC_AGR_A	DENTON	GAS-IC	NORTH	2018	56.5
93	DENTON ENERGY CENTER IC B		DEC_AGR_B	DENTON	GAS-IC	NORTH	2018	56.5
94	DENTON ENERGY CENTER IC C		DEC_AGR_C	DENTON	GAS-IC	NORTH	2018	56.5
95	DENTON ENERGY CENTER IC D		DEC_AGR_D	DENTON	GAS-IC	NORTH	2018	56.5
96	ECTOR COUNTY ENERGY CTG 1		ECEC_G1	ECTOR	GAS-GT	WEST	2015	153.6
97	ECTOR COUNTY ENERGY CTG 2		ECEC_G2	ECTOR	GAS-GT	WEST	2015	153.6
98	ELK STATION IC 3		AEEC_ELK_3	HALE	GAS-IC	PANHANDLE	2016	195.0
99	ENNIS POWER STATION CTG 2	21INR0448	ETCCS_CT1	ELLIS	GAS-CC	NORTH	2002	212.0
100	ENNIS POWER STATION STG 1	21INR0448	ETCCS_UNIT1	ELLIS	GAS-CC	NORTH	2002	117.0
101	EXTEX LAPORTE GEN STN CTG 1		AZ_AZ_G1	HARRIS	GAS-GT	HOUSTON	2009	38.0
102	EXTEX LAPORTE GEN STN CTG 2		AZ_AZ_G2	HARRIS	GAS-GT	HOUSTON	2009	38.0
103	EXTEX LAPORTE GEN STN CTG 3		AZ_AZ_G3	HARRIS	GAS-GT	HOUSTON	2009	38.0
104	EXTEX LAPORTE GEN STN CTG 4		AZ_AZ_G4	HARRIS	GAS-GT	HOUSTON	2009	38.0
105	FERGUSON REPLACEMENT CTG 1		FERGCC_FERGGT1	LLANO	GAS-CC	SOUTH	2014	173.0
106	FERGUSON REPLACEMENT CTG 2		FERGCC_FERGGT2	LLANO	GAS-CC	SOUTH	2014	173.0
107	FERGUSON REPLACEMENT STG 1		FERGCC_FERGST1	LLANO	GAS-CC	SOUTH	2014	186.0
108	FORNEY ENERGY CENTER CTG 11		FRNYPP_GT11	KAUFMAN	GAS-CC	NORTH	2003	169.0
109	FORNEY ENERGY CENTER CTG 12		FRNYPP_GT12	KAUFMAN	GAS-CC	NORTH	2003	161.0
110	FORNEY ENERGY CENTER CTG 13		FRNYPP_GT13	KAUFMAN	GAS-CC	NORTH	2003	161.0
111	FORNEY ENERGY CENTER CTG 21		FRNYPP_GT21	KAUFMAN	GAS-CC	NORTH	2003	169.0
112	FORNEY ENERGY CENTER CTG 22		FRNYPP_GT22	KAUFMAN	GAS-CC	NORTH	2003	161.0
113	FORNEY ENERGY CENTER CTG 23		FRNYPP_GT23	KAUFMAN	GAS-CC	NORTH	2003	161.0
114	FORNEY ENERGY CENTER STG 10		FRNYPP_ST10	KAUFMAN	GAS-CC	NORTH	2003	409.0
115	FORNEY ENERGY CENTER STG 20		FRNYPP_ST20	KAUFMAN	GAS-CC	NORTH	2003	409.0
116	FREESTONE ENERGY CENTER CTG 1		FREC_GT1	FREESTONE	GAS-CC	NORTH	2002	155.2
117	FREESTONE ENERGY CENTER CTG 2		FREC_GT2	FREESTONE	GAS-CC	NORTH	2002	155.2
118	FREESTONE ENERGY CENTER CTG 4		FREC_GT4	FREESTONE	GAS-CC	NORTH	2002	155.4
119	FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS-CC	NORTH	2002	155.4
120	FREESTONE ENERGY CENTER STG 3		FREC_ST3	FREESTONE	GAS-CC	NORTH	2002	177.6

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
121	FREESTONE ENERGY CENTER STG 6		FREC_ST6	FREESTONE	GAS-CC	NORTH	2002	176.5
122	FRIENDSWOOD G (FEGC) CTG 1		FEGC_UNIT1	HARRIS	GAS-GT	HOUSTON	2018	119.0
123	GRAHAM STG 1		GRSES_UNIT1	YOUNG	GAS-ST	WEST	1960	234.0
124	GRAHAM STG 2		GRSES_UNIT2	YOUNG	GAS-ST	WEST	1969	390.0
125	GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS-GT	HOUSTON	1976	57.0
126	GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS-GT	HOUSTON	1976	57.0
127	GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS-GT	HOUSTON	1976	57.0
128	GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS-GT	HOUSTON	1976	50.0
129	GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS-GT	HOUSTON	1976	57.0
130	GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS-GT	HOUSTON	1976	57.0
131	GREENVILLE IC ENGINE PLANT IC 1		STEAM_ENGINE_1	HUNT	GAS-IC	NORTH	2010	8.2
132	GREENVILLE IC ENGINE PLANT IC 2		STEAM_ENGINE_2	HUNT	GAS-IC	NORTH	2010	8.2
133	GREENVILLE IC ENGINE PLANT IC 3		STEAM_ENGINE_3	HUNT	GAS-IC	NORTH	2010	8.2
134	GUADALUPE ENERGY CENTER CTG 1		GUADG_GAS1	GUADALUPE	GAS-CC	SOUTH	2000	158.0
135	GUADALUPE ENERGY CENTER CTG 2		GUADG_GAS2	GUADALUPE	GAS-CC	SOUTH	2000	158.0
136	GUADALUPE ENERGY CENTER CTG 3		GUADG_GAS3	GUADALUPE	GAS-CC	SOUTH	2000	158.0
137	GUADALUPE ENERGY CENTER CTG 4		GUADG_GAS4	GUADALUPE	GAS-CC	SOUTH	2000	158.0
138	GUADALUPE ENERGY CENTER STG 5		GUADG_STM5	GUADALUPE	GAS-CC	SOUTH	2000	200.0
139	GUADALUPE ENERGY CENTER STG 6		GUADG_STM6	GUADALUPE	GAS-CC	SOUTH	2000	200.0
140	HANDLEY STG 3		HLSES_UNIT3	TARRANT	GAS-ST	NORTH	1963	395.0
141	HANDLEY STG 4		HLSES_UNIT4	TARRANT	GAS-ST	NORTH	1976	435.0
142	HANDLEY STG 5		HLSES_UNIT5	TARRANT	GAS-ST	NORTH	1977	435.0
143	HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS-CC	SOUTH	2002	214.0
144	HAYS ENERGY FACILITY CSG 2		HAYSEN_HAYSENG2	HAYS	GAS-CC	SOUTH	2002	216.0
145	HAYS ENERGY FACILITY CSG 3		HAYSEN_HAYSENG3	HAYS	GAS-CC	SOUTH	2002	215.0
146	HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS-CC	SOUTH	2002	218.0
147	HIDALGO ENERGY CENTER CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS-CC	SOUTH	2000	145.0
148	HIDALGO ENERGY CENTER CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS-CC	SOUTH	2000	145.0
149	HIDALGO ENERGY CENTER STG 1		DUKE_DUKE_ST1	HIDALGO	GAS-CC	SOUTH	2000	173.0
150	JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS-CC	NORTH	2006	150.0
151	JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS-CC	NORTH	2006	150.0
152	JACK COUNTY GEN FACILITY CTG 3		JCKCNTY2_CT3	JACK	GAS-CC	NORTH	2011	150.0
153	JACK COUNTY GEN FACILITY CTG 4		JCKCNTY2_CT4	JACK	GAS-CC	NORTH	2011	150.0
154	JACK COUNTY GEN FACILITY STG 1		JACKCNTY_STG	JACK	GAS-CC	NORTH	2006	285.0
155	JACK COUNTY GEN FACILITY STG 2		JCKCNTY2_ST2	JACK	GAS-CC	NORTH	2011	285.0
156	JOHNSON COUNTY GEN FACILITY CTG 1		TEN_CT1	JOHNSON	GAS-CC	NORTH	1997	163.0
157	JOHNSON COUNTY GEN FACILITY STG 1		TEN_STG	JOHNSON	GAS-CC	NORTH	1997	106.0
158	LAKE HUBBARD STG 1		LHSES_UNIT1	DALLAS	GAS-ST	NORTH	1970	392.0
159	LAKE HUBBARD STG 2		LHSES_UNIT2A	DALLAS	GAS-ST	NORTH	1973	523.0
160	LAMAR ENERGY CENTER CTG 11		LPCCS_CT11	LAMAR	GAS-CC	NORTH	2000	161.0
161	LAMAR ENERGY CENTER CTG 12		LPCCS_CT12	LAMAR	GAS-CC	NORTH	2000	153.0
162	LAMAR ENERGY CENTER CTG 21		LPCCS_CT21	LAMAR	GAS-CC	NORTH	2000	153.0
163	LAMAR ENERGY CENTER CTG 22		LPCCS_CT22	LAMAR	GAS-CC	NORTH	2000	161.0
164	LAMAR ENERGY CENTER STG 1		LPCCS_UNIT1	LAMAR	GAS-CC	NORTH	2000	204.0
165	LAMAR ENERGY CENTER STG 2		LPCCS_UNIT2	LAMAR	GAS-CC	NORTH	2000	204.0
166	LAREDO CTG 4		LARDVFTN_G4	WEBB	GAS-GT	SOUTH	2008	93.0
167	LAREDO CTG 5		LARDVFTN_G5	WEBB	GAS-GT	SOUTH	2008	90.2
168	LEON CREEK PEAKER CTG 1		LEON_CRK_LCPCT1	BEXAR	GAS-GT	SOUTH	2004	46.0
169	LEON CREEK PEAKER CTG 2		LEON_CRK_LCPCT2	BEXAR	GAS-GT	SOUTH	2004	46.0
170	LEON CREEK PEAKER CTG 3		LEON_CRK_LCPCT3	BEXAR	GAS-GT	SOUTH	2004	46.0
171	LEON CREEK PEAKER CTG 4		LEON_CRK_LCPCT4	BEXAR	GAS-GT	SOUTH	2004	46.0
172	LOST PINES POWER CTG 1		LOSTPI_LOSTPGT1	BASTROP	GAS-CC	SOUTH	2001	178.0
173	LOST PINES POWER CTG 2		LOSTPI_LOSTPGT2	BASTROP	GAS-CC	SOUTH	2001	172.0
174	LOST PINES POWER STG 1		LOSTPI_LOSTPST1	BASTROP	GAS-CC	SOUTH	2001	188.0
175	MAGIC VALLEY STATION CTG 1		NEDIN_NEDIN_G1	HIDALGO	GAS-CC	SOUTH	2001	212.5
176	MAGIC VALLEY STATION CTG 2		NEDIN_NEDIN_G2	HIDALGO	GAS-CC	SOUTH	2001	212.5
177	MAGIC VALLEY STATION STG 3		NEDIN_NEDIN_G3	HIDALGO	GAS-CC	SOUTH	2001	254.9
178	MIDLOTHIAN ENERGY FACILITY CTG 1		MDANP_CT1	ELLIS	GAS-CC	NORTH	2001	233.0
179	MIDLOTHIAN ENERGY FACILITY CTG 2		MDANP_CT2	ELLIS	GAS-CC	NORTH	2001	231.0
180	MIDLOTHIAN ENERGY FACILITY CTG 3		MDANP_CT3	ELLIS	GAS-CC	NORTH	2001	230.0
181	MIDLOTHIAN ENERGY FACILITY CTG 4		MDANP_CT4	ELLIS	GAS-CC	NORTH	2001	233.0
182	MIDLOTHIAN ENERGY FACILITY CTG 5		MDANP_CT5	ELLIS	GAS-CC	NORTH	2002	245.0
183	MIDLOTHIAN ENERGY FACILITY CTG 6		MDANP_CT6	ELLIS	GAS-CC	NORTH	2002	247.0
184	MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS-GT	WEST	1988	68.0
185	MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS-GT	WEST	1988	67.0
186	MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS-GT	WEST	1988	67.0
187	MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS-GT	WEST	1988	68.0
188	MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS-GT	WEST	1988	69.0
189	MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS-GT	WEST	1988	69.0
190	MOUNTAIN CREEK STG 6		MCSES_UNIT6	DALLAS	GAS-ST	NORTH	1956	122.0
191	MOUNTAIN CREEK STG 7		MCSES_UNIT7	DALLAS	GAS-ST	NORTH	1958	118.0
192	MOUNTAIN CREEK STG 8		MCSES_UNIT8	DALLAS	GAS-ST	NORTH	1967	568.0
193	NUECES BAY REPOWER CTG 8		NUECES_B_NUECESG8	NUECES	GAS-CC	COASTAL	2010	161.0
194	NUECES BAY REPOWER CTG 9		NUECES_B_NUECESG9	NUECES	GAS-CC	COASTAL	2010	161.0
195	NUECES BAY REPOWER STG 7		NUECES_B_NUECESG7	NUECES	GAS-CC	COASTAL	1972	322.0
196	O W SOMMERS STG 1		CALAVERS_OWS1	BEXAR	GAS-ST	SOUTH	1972	420.0
197	O W SOMMERS STG 2		CALAVERS_OWS2	BEXAR	GAS-ST	SOUTH	1974	410.0
198	ODESSA-ECTOR POWER CTG 11		OECCS_CT11	ECTOR	GAS-CC	WEST	2001	167.5
199	ODESSA-ECTOR POWER CTG 12		OECCS_CT12	ECTOR	GAS-CC	WEST	2001	159.0
200	ODESSA-ECTOR POWER CTG 21	20INR0282	OECCS_CT21	ECTOR	GAS-CC	WEST	2001	167.5
201	ODESSA-ECTOR POWER CTG 22	20INR0282	OECCS_CT22	ECTOR	GAS-CC	WEST	2001	159.0
202	ODESSA-ECTOR POWER STG 1		OECCS_UNIT1	ECTOR	GAS-CC	WEST	2001	207.2
203	ODESSA-ECTOR POWER STG 2	20INR0282	OECCS_UNIT2	ECTOR	GAS-CC	WEST	2001	207.2
204	PANDA SHERMAN POWER CTG 1		PANDA_S_SHER1CT1	GRAYSON	GAS-CC	NORTH	2014	218.5
205	PANDA SHERMAN POWER CTG 2		PANDA_S_SHER1CT2	GRAYSON	GAS-CC	NORTH	2014	218.5
206	PANDA SHERMAN POWER STG 1		PANDA_S_SHER1ST1	GRAYSON	GAS-CC	NORTH	2014	353.1
207	PANDA TEMPLE I POWER CTG 1		PANDA_T1_TMPL1CT1	BELL	GAS-CC	NORTH	2014	218.5
208	PANDA TEMPLE I POWER CTG 2		PANDA_T1_TMPL1CT2	BELL	GAS-CC	NORTH	2014	218.5
209	PANDA TEMPLE I POWER STG 1		PANDA_T1_TMPL1ST1	BELL	GAS-CC	NORTH	2014	353.1
210	PANDA TEMPLE II POWER CTG 1		PANDA_T2_TMPL2CT1	BELL	GAS-CC	NORTH	2015	218.5
211	PANDA TEMPLE II POWER CTG 2		PANDA_T2_TMPL2CT2	BELL	GAS-CC	NORTH	2015	218.5
212	PANDA TEMPLE II POWER STG 1		PANDA_T2_TMPL2ST1	BELL	GAS-CC	NORTH	2015	353.1
213	PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS-CC	NORTH	1989	86.0
214	PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS-CC	NORTH	1989	86.0
215	PARIS ENERGY CENTER STG 1		TNSKA_STG	LAMAR	GAS-CC	NORTH	1990	87.0
216	PASADENA COGEN FACILITY CTG 2		PSG_PSG_GT2	HARRIS	GAS-CC	HOUSTON	2000	168.0
217	PASADENA COGEN FACILITY CTG 3		PSG_PSG_GT3	HARRIS	GAS-CC	HOUSTON	2000	168.0
218	PASADENA COGEN FACILITY STG 2		PSG_PSG_ST2	HARRIS	GAS-CC	HOUSTON	2000	168.0
219	PEARSALL ENGINE PLANT IC A		PEARSAL2_AGR_A	FRIO	GAS-IC	SOUTH	2012	50.6
220	PEARSALL ENGINE PLANT IC B		PEARSAL2_AGR_B	FRIO	GAS-IC	SOUTH	2012	50.6
221	PEARSALL ENGINE PLANT IC C		PEARSAL2_AGR_C	FRIO	GAS-IC	SOUTH	2012	50.6
222	PEARSALL ENGINE PLANT IC D		PEARSAL2_AGR_D	FRIO	GAS-IC	SOUTH	2012	50.6
223	PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS-GT	WEST	1988	64.0
224	PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS-GT	WEST	1988	66.0
225	PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS-GT	WEST	1988	65.0
226	PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS-GT	WEST	1990	65.0
227	PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS-GT	WEST	1990	66.0
228	PHR PEAKERS (BAC) CTG 1		BAC_CTG1	GALVESTON	GAS-GT	HOUSTON	2018	61.0
229	PHR PEAKERS (BAC) CTG 2		BAC_CTG2	GALVESTON	GAS-GT	HOUSTON	2018	62.0
230	PHR PEAKERS (BAC) CTG 3		BAC_CTG3	GALVESTON	GAS-GT	HOUSTON	2018	52.0
231	PHR PEAKERS (BAC) CTG 4		BAC_CTG4	GALVESTON	GAS-GT	HOUSTON	2018	56.0
232	PHR PEAKERS (BAC) CTG 5		BAC_CTG5	GALVESTON	GAS-GT	HOUSTON	2018	56.0
233	PHR PEAKERS (BAC) CTG 6		BAC_CTG6	GALVESTON	GAS-GT	HOUSTON	2018	55.0
234	POWERLANE PLANT STG 1		STEAM1A_STEAM_1	HUNT	GAS-ST	NORTH	1966	17.5
235	POWERLANE PLANT STG 2		STEAM_STEAM_2	HUNT	GAS-ST	NORTH	1967	23.5
236	POWERLANE PLANT STG 3		STEAM_STEAM_3	HUNT	GAS-ST	NORTH	1978	39.5
237	QUAIL RUN ENERGY CTG 1		QALSW_GT1	ECTOR	GAS-CC	WEST	2007	81.0
238	QUAIL RUN ENERGY CTG 2		QALSW_GT2	ECTOR	GAS-CC	WEST	2007	81.0
239	QUAIL RUN ENERGY CTG 3		QALSW_GT3	ECTOR	GAS-CC	WEST	2008	80.0
240	QUAIL RUN ENERGY CTG 4		QALSW_GT4	ECTOR	GAS-CC	WEST	2008	80.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
241	QUAIL RUN ENERGY STG 1		QALSW_STG1	ECTOR	GAS-CC	WEST	2007	98.0
242	QUAIL RUN ENERGY STG 2		QALSW_STG2	ECTOR	GAS-CC	WEST	2008	98.0
243	R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS-GT	NORTH	1994	104.0
244	R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS-GT	NORTH	1994	104.0
245	R W MILLER STG 1		MIL_MILLERG1	PALO PINTO	GAS-ST	NORTH	1968	75.0
246	R W MILLER STG 2		MIL_MILLERG2	PALO PINTO	GAS-ST	NORTH	1972	120.0
247	R W MILLER STG 3		MIL_MILLERG3	PALO PINTO	GAS-ST	NORTH	1975	208.0
248	RAY OLINGER CTG 4		OLINGR_OLING_4	COLLIN	GAS-GT	NORTH	2001	75.0
249	RAY OLINGER STG 1		OLINGR_OLING_1	COLLIN	GAS-ST	NORTH	1967	78.0
250	RAY OLINGER STG 2		OLINGR_OLING_2	COLLIN	GAS-ST	NORTH	1971	107.0
251	RAY OLINGER STG 3		OLINGR_OLING_3	COLLIN	GAS-ST	NORTH	1975	146.0
252	REDGATE IC A		REDGATE_AGR_A	HIDALGO	GAS-IC	SOUTH	2016	56.3
253	REDGATE IC B		REDGATE_AGR_B	HIDALGO	GAS-IC	SOUTH	2016	56.3
254	REDGATE IC C		REDGATE_AGR_C	HIDALGO	GAS-IC	SOUTH	2016	56.3
255	REDGATE IC D		REDGATE_AGR_D	HIDALGO	GAS-IC	SOUTH	2016	56.3
256	RIO NOGALES POWER CTG 1		RIONOG_CT1	GUADALUPE	GAS-CC	SOUTH	2002	173.0
257	RIO NOGALES POWER CTG 2	21INR0328	RIONOG_CT2	GUADALUPE	GAS-CC	SOUTH	2002	160.0
258	RIO NOGALES POWER CTG 3		RIONOG_CT3	GUADALUPE	GAS-CC	SOUTH	2002	173.0
259	RIO NOGALES POWER STG 4		RIONOG_ST1	GUADALUPE	GAS-CC	SOUTH	2002	310.0
260	SAM RAYBURN POWER CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS-GT	SOUTH	1963	13.5
261	SAM RAYBURN POWER CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS-GT	SOUTH	1963	13.5
262	SAM RAYBURN POWER CTG 7		RAYBURN_RAYBURG7	VICTORIA	GAS-CC	SOUTH	2003	50.0
263	SAM RAYBURN POWER CTG 8		RAYBURN_RAYBURG8	VICTORIA	GAS-CC	SOUTH	2003	51.0
264	SAM RAYBURN POWER CTG 9		RAYBURN_RAYBURG9	VICTORIA	GAS-CC	SOUTH	2003	50.0
265	SAM RAYBURN POWER STG 10		RAYBURN_RAYBURG10	VICTORIA	GAS-CC	SOUTH	2003	40.0
266	SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS-GT	HOUSTON	1995	83.0
267	SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS-GT	HOUSTON	1995	83.0
268	SANDHILL ENERGY CENTER CTG 1		SANDHSYD_SH1	TRAVIS	GAS-GT	SOUTH	2001	47.0
269	SANDHILL ENERGY CENTER CTG 2		SANDHSYD_SH2	TRAVIS	GAS-GT	SOUTH	2001	47.0
270	SANDHILL ENERGY CENTER CTG 3		SANDHSYD_SH3	TRAVIS	GAS-GT	SOUTH	2001	47.0
271	SANDHILL ENERGY CENTER CTG 4		SANDHSYD_SH4	TRAVIS	GAS-GT	SOUTH	2001	47.0
272	SANDHILL ENERGY CENTER CTG 5A		SANDHSYD_SH_5A	TRAVIS	GAS-CC	SOUTH	2004	151.0
273	SANDHILL ENERGY CENTER CTG 6		SANDHSYD_SH6	TRAVIS	GAS-GT	SOUTH	2010	47.0
274	SANDHILL ENERGY CENTER CTG 7		SANDHSYD_SH7	TRAVIS	GAS-GT	SOUTH	2010	47.0
275	SANDHILL ENERGY CENTER STG 5C		SANDHSYD_SH_5C	TRAVIS	GAS-CC	SOUTH	2004	148.0
276	SILAS RAY CTG 10		SILASRAY_SILAS_10	CAMERON	GAS-GT	COASTAL	2004	46.0
277	SILAS RAY POWER CTG 9		SILASRAY_SILAS_9	CAMERON	GAS-CC	COASTAL	1996	38.0
278	SILAS RAY POWER STG 6		SILASRAY_SILAS_6	CAMERON	GAS-CC	COASTAL	1962	20.0
279	SIM GIDEON STG 1		GIDEON_GIDEONG1	BASTROP	GAS-ST	SOUTH	1965	130.0
280	SIM GIDEON STG 2		GIDEON_GIDEONG2	BASTROP	GAS-ST	SOUTH	1968	135.0
281	SIM GIDEON STG 3		GIDEON_GIDEONG3	BASTROP	GAS-ST	SOUTH	1972	336.0
282	SKY GLOBAL POWER ONE IC A		SKY1_SKY1A	COLORADO	GAS-IC	SOUTH	2016	26.7
283	SKY GLOBAL POWER ONE IC B		SKY1_SKY1B	COLORADO	GAS-IC	SOUTH	2016	26.7
284	STRYKER CREEK STG 1		SCSES_UNIT1A	CHEROKEE	GAS-ST	NORTH	1958	167.0
285	STRYKER CREEK STG 2		SCSES_UNIT2	CHEROKEE	GAS-ST	NORTH	1965	502.0
286	T H WHARTON CTG 1		THW_THWGT_1	HARRIS	GAS-GT	HOUSTON	1967	14.0
287	T H WHARTON POWER CTG 31		THW_THWGT31	HARRIS	GAS-CC	HOUSTON	1972	56.0
288	T H WHARTON POWER CTG 32		THW_THWGT32	HARRIS	GAS-CC	HOUSTON	1972	56.0
289	T H WHARTON POWER CTG 33		THW_THWGT33	HARRIS	GAS-CC	HOUSTON	1972	56.0
290	T H WHARTON POWER CTG 34		THW_THWGT34	HARRIS	GAS-CC	HOUSTON	1972	56.0
291	T H WHARTON POWER CTG 41		THW_THWGT41	HARRIS	GAS-CC	HOUSTON	1972	56.0
292	T H WHARTON POWER CTG 42		THW_THWGT42	HARRIS	GAS-CC	HOUSTON	1972	56.0
293	T H WHARTON POWER CTG 43		THW_THWGT43	HARRIS	GAS-CC	HOUSTON	1974	56.0
294	T H WHARTON POWER CTG 44		THW_THWGT44	HARRIS	GAS-CC	HOUSTON	1974	56.0
295	T H WHARTON POWER CTG 51		THW_THWGT51	HARRIS	GAS-GT	HOUSTON	1975	57.0
296	T H WHARTON POWER CTG 52		THW_THWGT52	HARRIS	GAS-GT	HOUSTON	1975	57.0
297	T H WHARTON POWER CTG 53		THW_THWGT53	HARRIS	GAS-GT	HOUSTON	1975	57.0
298	T H WHARTON POWER CTG 54		THW_THWGT54	HARRIS	GAS-GT	HOUSTON	1975	57.0
299	T H WHARTON POWER CTG 55		THW_THWGT55	HARRIS	GAS-GT	HOUSTON	1975	57.0
300	T H WHARTON POWER CTG 56		THW_THWGT56	HARRIS	GAS-GT	HOUSTON	1975	57.0
301	T H WHARTON POWER STG 3		THW_THWST_3	HARRIS	GAS-CC	HOUSTON	1974	110.0
302	T H WHARTON POWER STG 4		THW_THWST_4	HARRIS	GAS-CC	HOUSTON	1974	110.0
303	TEXAS CITY POWER CTG A		TXCTY_CTA	GALVESTON	GAS-CC	HOUSTON	2000	99.1
304	TEXAS CITY POWER CTG B		TXCTY_CTB	GALVESTON	GAS-CC	HOUSTON	2000	99.1
305	TEXAS CITY POWER CTG C		TXCTY_CTC	GALVESTON	GAS-CC	HOUSTON	2000	99.1
306	TEXAS CITY POWER STG		TXCTY_ST	GALVESTON	GAS-CC	HOUSTON	2000	131.5
307	TEXAS GULF SULPHUR CTG 1		TGF_TGFGT_1	WHARTON	GAS-GT	SOUTH	1985	71.0
308	TRINIDAD STG 6		TRSES_UNIT6	HENDERSON	GAS-ST	NORTH	1965	235.0
309	V H BRAUNIG CTG 5		BRAUNIG_VHB6CT5	BEXAR	GAS-GT	SOUTH	2009	48.0
310	V H BRAUNIG CTG 6		BRAUNIG_VHB6CT6	BEXAR	GAS-GT	SOUTH	2009	48.0
311	V H BRAUNIG CTG 7		BRAUNIG_VHB6CT7	BEXAR	GAS-GT	SOUTH	2009	48.0
312	V H BRAUNIG CTG 8		BRAUNIG_VHB6CT8	BEXAR	GAS-GT	SOUTH	2009	47.0
313	V H BRAUNIG STG 1		BRAUNIG_VHB1	BEXAR	GAS-ST	SOUTH	1966	217.0
314	V H BRAUNIG STG 2		BRAUNIG_VHB2	BEXAR	GAS-ST	SOUTH	1968	230.0
315	V H BRAUNIG STG 3		BRAUNIG_VHB3	BEXAR	GAS-ST	SOUTH	1970	412.0
316	VICTORIA CITY (CITYVICT) CTG 1		CITYVICT_CTG01	VICTORIA	GAS-GT	SOUTH	2020	46.5
317	VICTORIA CITY (CITYVICT) CTG 2		CITYVICT_CTG02	VICTORIA	GAS-GT	SOUTH	2020	46.5
318	VICTORIA PORT (VICTPORT) CTG 1		VICTPORT_CTG01	VICTORIA	GAS-GT	SOUTH	2019	46.5
319	VICTORIA PORT (VICTPORT) CTG 2		VICTPORT_CTG02	VICTORIA	GAS-GT	SOUTH	2019	46.5
320	VICTORIA POWER CTG 6		VICTORIA_VICTORG6	VICTORIA	GAS-CC	SOUTH	2009	171.0
321	VICTORIA POWER STG 5		VICTORIA_VICTORG5	VICTORIA	GAS-CC	SOUTH	1963	132.0
322	W A PARISH CTG 1		WAP_WAPGT_1	FORT BEND	GAS-GT	HOUSTON	1967	13.0
323	W A PARISH STG 1		WAP_WAP_G1	FORT BEND	GAS-ST	HOUSTON	1958	169.0
324	W A PARISH STG 2		WAP_WAP_G2	FORT BEND	GAS-ST	HOUSTON	1958	169.0
325	W A PARISH STG 3		WAP_WAP_G3	FORT BEND	GAS-ST	HOUSTON	1961	246.0
326	W A PARISH STG 4		WAP_WAP_G4	FORT BEND	GAS-ST	HOUSTON	1968	536.0
327	WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS-CC	WEST	1987	20.0
328	WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS-CC	WEST	1987	20.0
329	WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS-CC	WEST	1987	20.0
330	WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS-CC	WEST	1987	17.0
331	WINCHESTER POWER PARK CTG 1		WIPOPA_WPP_G1	FAYETTE	GAS-GT	SOUTH	2009	44.0
332	WINCHESTER POWER PARK CTG 2		WIPOPA_WPP_G2	FAYETTE	GAS-GT	SOUTH	2009	44.0
333	WINCHESTER POWER PARK CTG 3		WIPOPA_WPP_G3	FAYETTE	GAS-GT	SOUTH	2009	44.0
334	WINCHESTER POWER PARK CTG 4		WIPOPA_WPP_G4	FAYETTE	GAS-GT	SOUTH	2009	44.0
335	WISE-TRACTEBEL POWER CTG 1	20INR0286	WCPP_CT1	WISE	GAS-CC	NORTH	2004	245.4
336	WISE-TRACTEBEL POWER CTG 2	20INR0286	WCPP_CT2	WISE	GAS-CC	NORTH	2004	245.4
337	WISE-TRACTEBEL POWER STG 1	20INR0286	WCPP_ST1	WISE	GAS-CC	NORTH	2004	298.0
338	WOLF HOLLOW 2 CTG 4	18INR0076	WHCCS2_CT4	HOOD	GAS-CC	NORTH	2017	330.8
339	WOLF HOLLOW 2 CTG 5	18INR0076	WHCCS2_CT5	HOOD	GAS-CC	NORTH	2017	331.3
340	WOLF HOLLOW 2 STG 6	18INR0076	WHCCS2_STG6	HOOD	GAS-CC	NORTH	2017	470.8
341	WOLF HOLLOW POWER CTG 1		WHCCS_CT1	HOOD	GAS-CC	NORTH	2002	245.3
342	WOLF HOLLOW POWER CTG 2		WHCCS_CT2	HOOD	GAS-CC	NORTH	2002	245.3
343	WOLF HOLLOW POWER STG		WHCCS_STG	HOOD	GAS-CC	NORTH	2002	270.0
344	NACOGDOCHES POWER (SEASONAL MOTHBALL ON 10/16/2020, AVAILABLE 5/15 THROUGH 10/15)		NACPW_UNIT1	NACOGDOCHES	BIOMASS	NORTH	2012	105.0
345	BIOENERGY AUSTIN WALZEM RD LFG		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
346	BIOENERGY TEXAS COVEL GARDENS LFG		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
347	FARMERS BRANCH LANDFILL GAS TO ENERGY		DG_HBR_2UNITS	DENTON	BIOMASS	NORTH	2011	3.2
348	GRAND PRAIRIE LFG		DG_TRIRA_1UNIT	DALLAS	BIOMASS	NORTH	2015	4.0
349	NELSON GARDENS LFG		DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2
350	SKYLINE LFG		DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
351	WM RENEWABLE-AUSTIN LFG		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
352	WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
353	WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
354	WM RENEWABLE-MESQUITE CREEK LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
355	WM RENEWABLE-WESTSIDE LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
356	**Operational Capacity Total (Nuclear, Coal, Gas, Biomass)**							**65,562.1**
357								
358	**Operational Resources (Hydro)**							
359	AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	SOUTH	1983	37.9
360	AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	SOUTH	1983	37.9

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
361	AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
362	AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
363	BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
364	BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
365	BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
366	DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
367	DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
368	EAGLE PASS HYDRO		EAGLE_HY_EAGLE_HY1	MAVERICK	HYDRO	SOUTH	2005	9.6
369	FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
370	FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
371	FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
372	GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
373	GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
374	GUADALUPE BLANCO RIVER AUTH-CANYON		CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0
375	INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
376	MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
377	MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
378	MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0
379	MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
380	MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	36.0
381	WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	22.0
382	WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	22.0
383	**Operational Capacity Total (Hydro)**							**538.4**
384	Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					408.3
385								
386	**Operational Hydro Resources, Settlement Only Distributed Generators (SODGs)**							
387	ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
388	GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
389	GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
390	GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
391	LEWISVILLE HYDRO-CITY OF GARLAND		DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
392	**Operational Hydro Resources Total, Settlement Only Distributed Generators (SODGs)**							**19.7**
393	Hydro SODG Capacity Contribution (Highest 20 Peak Load Hours)							14.9
394								
395	Operational Capacity Unavailable due to Extended Outage or Derate		OPERATION_UNAVAIL					(135.1)
396	Operational Capacity Total (Including Hydro)		OPERATION_TOTAL					65,850.3
397								
398	**Operational Resources (Switchable)**							
399	ANTELOPE IC 1		AEEC_ANTLP_1	HALE	GAS-IC	PANHANDLE	2016	56.0
400	ANTELOPE IC 2		AEEC_ANTLP_2	HALE	GAS-IC	PANHANDLE	2016	56.0
401	ANTELOPE IC 3		AEEC_ANTLP_3	HALE	GAS-IC	PANHANDLE	2016	56.0
402	ELK STATION CTG 1		AEEC_ELK_1	HALE	GAS-GT	PANHANDLE	2016	195.0
403	ELK STATION CTG 2		AEEC_ELK_2	HALE	GAS-GT	PANHANDLE	2016	195.0
404	TENASKA FRONTIER STATION CTG 1		FTR_FTR_G1	GRIMES	GAS-CC	NORTH	2000	180.0
405	TENASKA FRONTIER STATION CTG 2		FTR_FTR_G2	GRIMES	GAS-CC	NORTH	2000	180.0
406	TENASKA FRONTIER STATION CTG 3		FTR_FTR_G3	GRIMES	GAS-CC	NORTH	2000	180.0
407	TENASKA FRONTIER STATION STG 4		FTR_FTR_G4	GRIMES	GAS-CC	NORTH	2000	400.0
408	TENASKA GATEWAY STATION CTG 1		TGCCS_CT1	RUSK	GAS-CC	NORTH	2001	162.0
409	TENASKA GATEWAY STATION CTG 2		TGCCS_CT2	RUSK	GAS-CC	NORTH	2001	179.0
410	TENASKA GATEWAY STATION CTG 3		TGCCS_CT3	RUSK	GAS-CC	NORTH	2001	178.0
411	TENASKA GATEWAY STATION STG 4		TGCCS_UNIT4	RUSK	GAS-CC	NORTH	2001	389.0
412	TENASKA KIAMICHI STATION 1CT101		KMCHI_1CT101	FANNIN	GAS-CC	NORTH	2003	154.0
413	TENASKA KIAMICHI STATION 1CT201		KMCHI_1CT201	FANNIN	GAS-CC	NORTH	2003	151.0
414	TENASKA KIAMICHI STATION 1ST		KMCHI_1ST	FANNIN	GAS-CC	NORTH	2003	312.0
415	TENASKA KIAMICHI STATION 2CT101		KMCHI_2CT101	FANNIN	GAS-CC	NORTH	2003	149.0
416	TENASKA KIAMICHI STATION 2CT201		KMCHI_2CT201	FANNIN	GAS-CC	NORTH	2003	150.0
417	TENASKA KIAMICHI STATION 2ST		KMCHI_2ST	FANNIN	GAS-CC	NORTH	2003	317.0
418	**Switchable Capacity Total**							**3,639.0**
419								
420	**Switchable Capacity Unavailable to ERCOT**							
421	ANTELOPE IC 1		AEEC_ANTLP_1_UNAVAIL	HALE	GAS-IC	PANHANDLE	2017	(56.0)
422	ANTELOPE IC 2		AEEC_ANTLP_2_UNAVAIL	HALE	GAS-IC	PANHANDLE	2017	(56.0)
423	ANTELOPE IC 3		AEEC_ANTLP_3_UNAVAIL	HALE	GAS-IC	PANHANDLE	2017	(56.0)
424	ELK STATION CTG 1		AEEC_ELK_1_UNAVAIL	HALE	GAS-GT	PANHANDLE	2017	(195.0)
425	ELK STATION CTG 2		AEEC_ELK_2_UNAVAIL	HALE	GAS-GT	PANHANDLE	2017	(195.0)
426	Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL					**(558.0)**
427								
428	Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL					0
429								
430	Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			2,731.3
431	Private-Use Network Forecast Adjustment (per Protocol 10.3.2.4)		PUN_CAP_ADJUST		GAS			41.0
432								
433	**Operational Resources (Wind)**							
434	BAFFIN WIND UNIT1		BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0
435	BAFFIN WIND UNIT2		BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0
436	BRUENNING'S BREEZE A		BBREEZE_UNIT1	WILLACY	WIND-C	COASTAL	2017	120.0
437	BRUENNING'S BREEZE B		BBREEZE_UNIT2	WILLACY	WIND-C	COASTAL	2017	108.0
438	CAMERON COUNTY WIND		CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0
439	CHAPMAN RANCH WIND IA (SANTA CRUZ)		SANTACRU_UNIT1	NUECES	WIND-C	COASTAL	2017	150.6
440	CHAPMAN RANCH WIND IB (SANTA CRUZ)		SANTACRU_UNIT2	NUECES	WIND-C	COASTAL	2017	98.4
441	GULF WIND I		TGW_T1	KENEDY	WIND-C	COASTAL	2009	141.6
442	GULF WIND II		TGW_T2	KENEDY	WIND-C	COASTAL	2009	141.6
443	KARANKAWA WIND 1A		KARAKAW1_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	103.3
444	KARANKAWA WIND 1B		KARAKAW1_UNIT2	SAN PATRICIO	WIND-C	COASTAL	2019	103.3
445	KARANKAWA WIND 2		KARAKAW2_UNIT3	SAN PATRICIO	WIND-C	COASTAL	2019	100.4
446	LOS VIENTOS WIND I		LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1
447	LOS VIENTOS WIND II		LV2_LV2	WILLACY	WIND-C	COASTAL	2013	201.6
448	MAGIC VALLEY WIND (REDFISH) 1A		REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8
449	MAGIC VALLEY WIND (REDFISH) 1B		REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5
450	MIDWAY WIND		MIDWIND_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	162.8
451	PAPALOTE CREEK WIND		PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9
452	PAPALOTE CREEK WIND II		COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1
453	PENASCAL WIND 1		PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8
454	PENASCAL WIND 2		PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6
455	PENASCAL WIND 3		PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8
456	PEYTON CREEK WIND		PEY_UNIT1	MATAGORDA	WIND-C	COASTAL	2020	151.2
457	SAN ROMAN WIND		SANROMAN_WIND_1	CAMERON	WIND-C	COASTAL	2017	95.2
458	STELLA WIND		STELLA_UNIT1	KENEDY	WIND-C	COASTAL	2018	201.0
459	HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0
460	BRISCOE WIND		BRISCOE_WIND	BRISCOE	WIND-P	PANHANDLE	2015	149.8
461	CANADIAN BREAKS WIND		CN_BRKS_UNIT_1	OLDHAM	WIND-P	PANHANDLE	2019	210.1
462	COTTON PLAINS WIND		COTPLNS_COTTONPL	FLOYD	WIND-P	PANHANDLE	2017	50.4
463	DOUG COLBECK'S CORNER (CONWAY) B		GRANDVW1_COLB	CARSON	WIND-P	PANHANDLE	2016	100.2
464	DOUG COLBECK'S CORNER (CONWAY) A		GRANDVW1_COLA	CARSON	WIND-P	PANHANDLE	2016	100.2
465	FALVEZ ASTRA WIND		ASTRA_UNIT1	RANDALL	WIND-P	PANHANDLE	2017	163.2
466	GRANDVIEW WIND 1 (CONWAY) GV1A		GRANDVW1_GV1A	CARSON	WIND-P	PANHANDLE	2014	107.4
467	GRANDVIEW WIND 1 (CONWAY) GV1B		GRANDVW1_GV1B	CARSON	WIND-P	PANHANDLE	2014	103.8
468	HEREFORD WIND G		HRFDWIND_WIND_G	DEAF SMITH	WIND-P	PANHANDLE	2015	99.9
469	HEREFORD WIND V		HRFDWIND_WIND_V	DEAF SMITH	WIND-P	PANHANDLE	2015	100.0
470	JUMBO ROAD WIND 1		HRFDWIND_JRDWIND1	DEAF SMITH	WIND-P	PANHANDLE	2015	146.2
471	JUMBO ROAD WIND 2		HRFDWIND_JRDWIND2	DEAF SMITH	WIND-P	PANHANDLE	2015	153.6
472	LONGHORN WIND NORTH U1		LHORN_N_UNIT1	FLOYD	WIND-P	PANHANDLE	2015	100.0
473	LONGHORN WIND NORTH U2		LHORN_N_UNIT2	FLOYD	WIND-P	PANHANDLE	2015	100.0
474	MARIAH DEL NORTE 1		MARIAH_NORTE1	PARMER	WIND-P	PANHANDLE	2017	115.2
475	MARIAH DEL NORTE 2		MARIAH_NORTE2	PARMER	WIND-P	PANHANDLE	2017	115.2
476	MCADOO WIND		MWEC_G1	DICKENS	WIND-P	PANHANDLE	2008	150.0
477	MIAMI WIND G1		MIAM1_G1	GRAY	WIND-P	PANHANDLE	2014	144.3
478	MIAMI WIND G2		MIAM1_G2	GRAY	WIND-P	PANHANDLE	2014	144.3
479	OLD SETTLER WIND		COTPLNS_OLDSETLR	FLOYD	WIND-P	PANHANDLE	2017	151.2
480	PANHANDLE WIND 1 U1		PH1_UNIT1	CARSON	WIND-P	PANHANDLE	2014	109.2

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
481	PANHANDLE WIND 1 U2		PH1_UNIT2	CARSON	WIND-P	PANHANDLE	2014	109.2
482	PANHANDLE WIND 2 U1		PH2_UNIT1	CARSON	WIND-P	PANHANDLE	2014	94.2
483	PANHANDLE WIND 2 U2		PH2_UNIT2	CARSON	WIND-P	PANHANDLE	2014	96.6
484	ROUTE 66 WIND		ROUTE_66_WIND1	CARSON	WIND-P	PANHANDLE	2015	150.0
485	SALT FORK 1 WIND U1		SALTFORK_UNIT1	DONLEY	WIND-P	PANHANDLE	2017	64.0
486	SALT FORK 1 WIND U2		SALTFORK_UNIT2	DONLEY	WIND-P	PANHANDLE	2017	110.0
487	SOUTH PLAINS WIND 1 U1		SPLAIN1_WIND1	FLOYD	WIND-P	PANHANDLE	2015	102.0
488	SOUTH PLAINS WIND 1 U2		SPLAIN1_WIND2	FLOYD	WIND-P	PANHANDLE	2015	98.0
489	SOUTH PLAINS WIND 2 U1		SPLAIN2_WIND21	FLOYD	WIND-P	PANHANDLE	2016	148.5
490	SOUTH PLAINS WIND 2 U2		SPLAIN2_WIND22	FLOYD	WIND-P	PANHANDLE	2016	151.8
491	SPINNING SPUR WIND TWO A		SSPURTWO_WIND_1	OLDHAM	WIND-P	PANHANDLE	2014	161.0
492	SPINNING SPUR WIND TWO B		SSPURTWO_SS3WIND2	OLDHAM	WIND-P	PANHANDLE	2015	98.0
493	SPINNING SPUR WIND TWO C		SSPURTWO_SS3WIND1	OLDHAM	WIND-P	PANHANDLE	2015	96.0
494	WAKE WIND 1		WAKEWE_G1	DICKENS	WIND-P	PANHANDLE	2016	114.9
495	WAKE WIND 2		WAKEWE_G2	DICKENS	WIND-P	PANHANDLE	2016	142.3
496	WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND-P	PANHANDLE	2007	57.0
497	WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND-P	PANHANDLE	2007	1.0
498	ANACACHO WIND		ANACACHO_ANA	KINNEY	WIND-O	SOUTH	2012	99.8
499	BARTON CHAPEL WIND		BRTSW_BCW1	JACK	WIND-O	NORTH	2007	120.0
500	BLUE SUMMIT WIND 1 A	18INR0072	BLSUMMIT_BLSMT1_5	WILBARGER	WIND-O	WEST	2013	8.8
501	BLUE SUMMIT WIND 1 B	18INR0072	BLSUMMIT_BLSMT1_6	WILBARGER	WIND-O	WEST	2013	124.3
502	BLUE SUMMIT WIND 2 A		BLSUMMIT_UNIT2_25	WILBARGER	WIND-O	WEST	2020	89.7
503	BLUE SUMMIT WIND 2 B		BLSUMMIT_UNIT2_17	WILBARGER	WIND-O	WEST	2020	6.7
504	BLUE SUMMIT WIND 3 A		BLSUMIT3_UNIT_17	WILBARGER	WIND-O	WEST	2020	13.4
505	BLUE SUMMIT WIND 3 B		BLSUMIT3_UNIT_25	WILBARGER	WIND-O	WEST	2020	182.4
506	BOBCAT BLUFF WIND		BCATWIND_WIND_1	ARCHER	WIND-O	WEST	2020	162.0
507	BUCKTHORN WIND 1 A		BUCKTHRN_UNIT1	ERATH	WIND-O	NORTH	2017	44.9
508	BUCKTHORN WIND 1 B		BUCKTHRN_UNIT2	ERATH	WIND-O	NORTH	2017	55.7
509	BUFFALO GAP WIND 1		BUFF_GAP_UNIT1	TAYLOR	WIND-O	WEST	2006	120.6
510	BUFFALO GAP WIND 2_1		BUFF_GAP_UNIT2_1	TAYLOR	WIND-O	WEST	2007	115.5
511	BUFFALO GAP WIND 2_2		BUFF_GAP_UNIT2_2	TAYLOR	WIND-O	WEST	2007	117.0
512	BUFFALO GAP WIND 3		BUFF_GAP_UNIT3	TAYLOR	WIND-O	WEST	2008	170.2
513	BULL CREEK WIND U1		BULLCRK_WND1	BORDEN	WIND-O	WEST	2009	88.0
514	BULL CREEK WIND U2		BULLCRK_WND2	BORDEN	WIND-O	WEST	2009	90.0
515	CABEZON WIND (RIO BRAVO I WIND) 1 A		CABEZON_WIND1	STARR	WIND-O	SOUTH	2019	115.2
516	CABEZON WIND (RIO BRAVO I WIND) 1 B		CABEZON_WIND2	STARR	WIND-O	SOUTH	2019	122.4
517	CALLAHAN WIND		CALLAHAN_WND1	CALLAHAN	WIND-O	WEST	2004	114.0
518	CAMP SPRINGS WIND 1		CSEC_CSECG1	SCURRY	WIND-O	WEST	2007	130.5
519	CAMP SPRINGS WIND 2		CSEC_CSECG2	SCURRY	WIND-O	WEST	2007	120.0
520	CAPRICORN RIDGE WIND 1	17INR0054	CAPRIDGE_CR1	STERLING	WIND-O	WEST	2007	231.7
521	CAPRICORN RIDGE WIND 2	17INR0054	CAPRIDGE_CR2	STERLING	WIND-O	WEST	2007	149.5
522	CAPRICORN RIDGE WIND 3	17INR0054	CAPRIDGE_CR3	STERLING	WIND-O	WEST	2008	200.9
523	CAPRICORN RIDGE WIND 4	17INR0061	CAPRIDG4_CR4	COKE	WIND-O	WEST	2008	121.5
524	CEDRO HILL WIND 1		CEDROHIL_CHW1	WEBB	WIND-O	SOUTH	2010	75.0
525	CEDRO HILL WIND 2		CEDROHIL_CHW2	WEBB	WIND-O	SOUTH	2010	75.0
526	CHAMPION WIND		CHAMPION_UNIT1	NOLAN	WIND-O	WEST	2008	126.5
527	DERMOTT WIND 1_1		DERMOTT_UNIT1	SCURRY	WIND-O	WEST	2017	126.5
528	DERMOTT WIND 1_2		DERMOTT_UNIT2	SCURRY	WIND-O	WEST	2017	126.5
529	DESERT SKY WIND 1	17INR0070	INDNENR_INDNENR	PECOS	WIND-O	WEST	2002	85.1
530	DESERT SKY WIND 2	17INR0070	INDNENR_INDNENR_2	PECOS	WIND-O	WEST	2002	85.1
531	ELBOW CREEK WIND		ELB_ELBCREEK	HOWARD	WIND-O	WEST	2008	118.7
532	ELECTRA WIND 1		DIGBY_UNIT1	WILBARGER	WIND-O	WEST	2017	98.9
533	ELECTRA WIND 2		DIGBY_UNIT2	WILBARGER	WIND-O	WEST	2017	131.1
534	FLAT TOP WIND I		FTWIND_UNIT_1	MILLS	WIND-O	NORTH	2018	200.0
535	FLUVANNA RENEWABLE 1 A		FLUVANNA_UNIT1	SCURRY	WIND-O	WEST	2017	79.8
536	FLUVANNA RENEWABLE 1 B		FLUVANNA_UNIT2	SCURRY	WIND-O	WEST	2017	75.6
537	FOARD CITY WIND 1 A		FOARDCTY_UNIT1	FOARD	WIND-O	WEST	2019	186.5
538	FOARD CITY WIND 1 B		FOARDCTY_UNIT2	FOARD	WIND-O	WEST	2019	163.8
539	FOREST CREEK WIND		MCDLD_FCW1	GLASSCOCK	WIND-O	WEST	2007	124.2
540	GOAT WIND		GOAT_GOATWIND	STERLING	WIND-O	WEST	2008	80.0
541	GOAT WIND 2		GOAT_GOATWIN2	STERLING	WIND-O	WEST	2010	69.6
542	GOLDTHWAITE WIND 1		GWEC_GWEC_G1	MILLS	WIND-O	NORTH	2014	148.6
543	GOPHER CREEK WIND 1		GOPHER_UNIT1	BORDEN	WIND-O	WEST	2020	82.0
544	GOPHER CREEK WIND 2		GOPHER_UNIT2	BORDEN	WIND-O	WEST	2020	76.0
545	GREEN MOUNTAIN WIND (BRAZOS) U1		BRAZ_WND_WND1	SCURRY	WIND-O	WEST	2003	99.0
546	GREEN MOUNTAIN WIND (BRAZOS) U2		BRAZ_WND_WND2	SCURRY	WIND-O	WEST	2003	61.0
547	GREEN PASTURES WIND I		GPASTURE_WIND_I	BAYLOR	WIND-O	WEST	2015	150.0
548	VERTIGO WIND (FORMERLY GREEN PASTURES WIND 2)		VERTIGO_WIND_I	BAYLOR	WIND-O	WEST	2015	150.0
549	GUNSIGHT MOUNTAIN WIND		GUNMTN_G1	HOWARD	WIND-O	WEST	2016	119.9
550	HACKBERRY WIND		HWF_HWFG1	SHACKELFORD	WIND-O	WEST	2008	163.5
551	HICKMAN (SANTA RITA WIND) 1		HICKMAN_G1	REGAN AND IRIOI	WIND-O	WEST	2018	152.5
552	HICKMAN (SANTA RITA WIND) 2		HICKMAN_G2	REGAN AND IRIOI	WIND-O	WEST	2018	147.5
553	HIDALGO & STARR WIND 11		MIRASOLE_MIR11	HIDALGO	WIND-O	SOUTH	2016	52.0
554	HIDALGO & STARR WIND 12		MIRASOLE_MIR12	HIDALGO	WIND-O	SOUTH	2016	98.0
555	HIDALGO & STARR WIND 21		MIRASOLE_MIR21	HIDALGO	WIND-O	SOUTH	2016	100.0
556	HORSE CREEK WIND 1		HORSECRK_UNIT1	HASKELL	WIND-O	WEST	2017	131.1
557	HORSE CREEK WIND 2		HORSECRK_UNIT2	HASKELL	WIND-O	WEST	2017	98.9
558	HORSE HOLLOW WIND 1	17INR0052	H_HOLLOW_WND1	TAYLOR	WIND-O	WEST	2005	230.0
559	HORSE HOLLOW WIND 2	17INR0052	HHOLLOW2_WIND1	TAYLOR	WIND-O	WEST	2006	184.0
560	HORSE HOLLOW WIND 3	17INR0052	HHOLLOW3_WND_1	TAYLOR	WIND-O	WEST	2006	241.4
561	HORSE HOLLOW WIND 4	17INR0052	HHOLLOW4_WND1	TAYLOR	WIND-O	WEST	2006	115.0
562	INADALE WIND 1		INDL_INADALE1	NOLAN	WIND-O	WEST	2008	95.0
563	INADALE WIND 2		INDL_INADALE2	NOLAN	WIND-O	WEST	2008	102.0
564	INDIAN MESA WIND		INDNNWP_INDNNWP2	PECOS	WIND-O	WEST	2001	91.8
565	JAVELINA I WIND 18		BORDAS_JAVEL18	WEBB	WIND-O	SOUTH	2015	19.7
566	JAVELINA I WIND 20		BORDAS_JAVEL20	WEBB	WIND-O	SOUTH	2015	230.0
567	JAVELINA II WIND 1		BORDAS2_JAVEL2_A	WEBB	WIND-O	SOUTH	2017	96.0
568	JAVELINA II WIND 2		BORDAS2_JAVEL2_B	WEBB	WIND-O	SOUTH	2017	74.0
569	JAVELINA II WIND 3		BORDAS2_JAVEL2_C	WEBB	WIND-O	SOUTH	2017	30.0
570	KEECHI WIND		KEECHI_U1	JACK	WIND-O	NORTH	2015	110.0
571	KING MOUNTAIN WIND (NE)		KING_NE_KINGNE	UPTON	WIND-O	WEST	2001	79.7
572	KING MOUNTAIN WIND (NW)		KING_NW_KINGNW	UPTON	WIND-O	WEST	2001	79.7
573	KING MOUNTAIN WIND (SE)		KING_SE_KINGSE	UPTON	WIND-O	WEST	2001	40.5
574	KING MOUNTAIN WIND (SW)		KING_SW_KINGSW	UPTON	WIND-O	WEST	2001	79.7
575	LANGFORD WIND POWER		LGD_LANGFORD	TOM GREEN	WIND-O	WEST	2009	160.0
576	LOCKETT WIND FARM		LOCKETT_UNIT1	WILBARGER	WIND-O	WEST	2019	183.7
577	LOGANS GAP WIND I U1		LGW_UNIT1	COMANCHE	WIND-O	NORTH	2015	106.3
578	LOGANS GAP WIND I U2		LGW_UNIT2	COMANCHE	WIND-O	NORTH	2015	103.8
579	LONE STAR WIND 1 (MESQUITE)		LNCRK_G83	SHACKELFORD	WIND-O	WEST	2006	194.0
580	LONE STAR WIND 2 (POST OAK) U1		LNCRK2_G871	SHACKELFORD	WIND-O	WEST	2007	98.0
581	LONE STAR WIND 2 (POST OAK) U2		LNCRK2_G872	SHACKELFORD	WIND-O	WEST	2007	100.0
582	LORAINE WINDPARK I		LONEWOLF_G1	MITCHELL	WIND-O	WEST	2010	49.5
583	LORAINE WINDPARK II		LONEWOLF_G2	MITCHELL	WIND-O	WEST	2010	51.0
584	LORAINE WINDPARK III		LONEWOLF_G3	MITCHELL	WIND-O	WEST	2011	25.5
585	LORAINE WINDPARK IV		LONEWOLF_G4	MITCHELL	WIND-O	WEST	2011	24.0
586	LOS VIENTOS III WIND		LV3_UNIT_1	STARR	WIND-O	SOUTH	2015	200.0
587	LOS VIENTOS IV WIND		LV4_UNIT_1	STARR	WIND-O	SOUTH	2016	200.0
588	LOS VIENTOS V WIND		LV5_UNIT_1	STARR	WIND-O	SOUTH	2016	110.0
589	MESQUITE CREEK WIND 1		MESQCRK_WND1	DAWSON	WIND-O	WEST	2015	105.6
590	MESQUITE CREEK WIND 2		MESQCRK_WND2	DAWSON	WIND-O	WEST	2015	105.6
591	NIELS BOHR WIND A (BEARKAT WIND A)		NBOHR_UNIT1	GLASSCOCK	WIND-O	WEST	2018	196.6
592	NOTREES WIND 1		NWF_NWF1	WINKLER	WIND-O	WEST	2009	92.6
593	NOTREES WIND 2		NWF_NWF2	WINKLER	WIND-O	WEST	2009	60.0
594	OCOTILLO WIND		OWF_OWF	HOWARD	WIND-O	WEST	2008	58.8
595	PANTHER CREEK WIND 1		PC_NORTH_PANTHER1	HOWARD	WIND-O	WEST	2008	142.5
596	PANTHER CREEK WIND 2		PC_SOUTH_PANTHER2	HOWARD	WIND-O	WEST	2019	115.5
597	PANTHER CREEK WIND 3	21INR0449	PC_SOUTH_PANTHER3	HOWARD	WIND-O	WEST	2009	199.5
598	PECOS WIND 1 (WOODWARD)		WOODWRD1_WOODWRD1	PECOS	WIND-O	WEST	2001	90.0
599	PECOS WIND 2 (WOODWARD)		WOODWRD2_WOODWRD2	PECOS	WIND-O	WEST	2001	86.0
600	PYRON WIND 1		PYR_PYRON1	NOLAN	WIND-O	WEST	2008	121.5

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
601	PYRON WIND 2		PYR_PYRON2	NOLAN	WIND-O	WEST	2008	127.5
602	RANCHERO WIND		RANCHERO_UNIT1	CROCKETT	WIND-O	WEST	2020	150.0
603	RANCHERO WIND		RANCHERO_UNIT2	CROCKETT	WIND-O	WEST	2020	150.0
604	RATTLESNAKE I WIND ENERGY CENTER G1		RSNAKE_G1	GLASSCOCK	WIND-O	WEST	2015	104.3
605	RATTLESNAKE I WIND ENERGY CENTER G2		RSNAKE_G2	GLASSCOCK	WIND-O	WEST	2015	103.0
606	RED CANYON WIND		RDCANYON_RDCNY1	BORDEN	WIND-O	WEST	2006	89.6
607	ROCK SPRINGS VAL VERDE WIND (FERMI) 1		FERMI_WIND1	VAL VERDE	WIND-O	WEST	2017	121.9
608	ROCK SPRINGS VAL VERDE WIND (FERMI) 2		FERMI_WIND2	VAL VERDE	WIND-O	WEST	2017	27.4
609	ROSCOE WIND		TKWSW1_ROSCOE	NOLAN	WIND-O	WEST	2008	114.0
610	ROSCOE WIND 2A		TKWSW1_ROSCOE2A	NOLAN	WIND-O	WEST	2008	95.0
611	RTS WIND		RTS_U1	MCCULLOCH	WIND-O	SOUTH	2018	160.0
612	SAND BLUFF WIND	20INR0296	MCDLD_SBW1	GLASSCOCK	WIND-O	WEST	2008	90.0
613	SENDERO WIND ENERGY		EXGNSND_WIND_1	JIM HOGG	WIND-O	SOUTH	2015	76.0
614	SEYMOUR HILLS WIND (S_HILLS WIND)		S_HILLS_UNIT1	BAYLOR	WIND-O	WEST	2019	30.2
615	SENATE WIND		SENATEWD_UNIT1	JACK	WIND-O	NORTH	2012	150.0
616	SHANNON WIND		SHANNONW_UNIT_1	CLAY	WIND-O	WEST	2015	204.1
617	SHERBINO 1 WIND	19INR0120	KEO_KEO_SM1	PECOS	WIND-O	WEST	2008	150.0
618	SHERBINO 2 WIND	19INR0120	KEO_SHRBINO2	PECOS	WIND-O	WEST	2020	132.0
619	SILVER STAR WIND	18INR0064	FLTCK_SSI	ERATH	WIND-O	NORTH	2008	52.8
620	SNYDER WIND	20INR0257	ENAS_ENA1	SCURRY	WIND-O	WEST	2007	63.0
621	SOUTH TRENT WIND		STWF_T1	NOLAN	WIND-O	WEST	2008	98.2
622	STANTON WIND ENERGY		SWEC_G1	MARTIN	WIND-O	WEST	2008	120.0
623	STEPHENS RANCH WIND 1		SRWE1_UNIT1	BORDEN	WIND-O	WEST	2014	211.2
624	STEPHENS RANCH WIND 2		SRWE1_SRWE2	BORDEN	WIND-O	WEST	2015	164.7
625	SWEETWATER WIND 1	18INR0073	SWEETWND_WND1	NOLAN	WIND-O	WEST	2003	42.5
626	SWEETWATER WIND 2A	17INR0068	SWEETWN2_WND24	NOLAN	WIND-O	WEST	2006	16.8
627	SWEETWATER WIND 2B	17INR0068	SWEETWN2_WND2	NOLAN	WIND-O	WEST	2004	110.8
628	SWEETWATER WIND 3A		SWEETWN3_WND3A	NOLAN	WIND-O	WEST	2011	33.6
629	SWEETWATER WIND 3B		SWEETWN3_WND3B	NOLAN	WIND-O	WEST	2011	118.6
630	SWEETWATER WIND 4-5		SWEETWN5_WND5	NOLAN	WIND-O	WEST	2007	85.0
631	SWEETWATER WIND 4-4B		SWEETWN4_WND4B	NOLAN	WIND-O	WEST	2007	112.0
632	SWEETWATER WIND 4-4A		SWEETWN4_WND4A	NOLAN	WIND-O	WEST	2007	125.0
633	TAHOKA WIND 1		TAHOKA_UNIT_1	LYNN	WIND-O	WEST	2019	150.0
634	TAHOKA WIND 2		TAHOKA_UNIT_2	LYNN	WIND-O	WEST	2019	150.0
635	TEXAS BIG SPRING WIND A		SGMTN_SIGNALMT	HOWARD	WIND-O	WEST	1999	27.7
636	TEXAS BIG SPRING WIND B		SGMTN_SIGNALM2	HOWARD	WIND-O	WEST	1999	6.6
637	TORRECILLAS WIND 1		TORR_UNIT1_25	WEBB	WIND-O	SOUTH	2019	150.0
638	TORRECILLAS WIND 2		TORR_UNIT2_23	WEBB	WIND-O	SOUTH	2019	23.0
639	TORRECILLAS WIND 3		TORR_UNIT2_25	WEBB	WIND-O	SOUTH	2019	127.5
640	TRENT WIND	17INR0069	TRENT_TRENT	NOLAN	WIND-O	WEST	2001	150.0
641	TRINITY HILLS WIND 1	20INR0019	TRINITY_TH1_BUS1	ARCHER	WIND-O	WEST	2012	103.4
642	TRINITY HILLS WIND 2	20INR0019	TRINITY_TH1_BUS2	ARCHER	WIND-O	WEST	2012	94.6
643	TURKEY TRACK WIND		TTWEC_G1	NOLAN	WIND-O	WEST	2008	169.5
644	TYLER BLUFF WIND		TYLRWIND_UNIT1	COOKE	WIND-O	NORTH	2017	125.6
645	WHITETAIL WIND		EXGNWTL_WIND_1	WEBB	WIND-O	SOUTH	2012	92.3
646	WINDTHORST 2 WIND		WNDTHST2_UNIT1	ARCHER	WIND-O	WEST	2014	67.6
647	WKN MOZART WIND		MOZART_WIND_1	KENT	WIND-O	WEST	2012	30.0
648	WILLOW SPRINGS WIND A		SALVTION_UNIT1	HASKELL	WIND-O	WEST	2017	125.0
649	WILLOW SPRINGS WIND B		SALVTION_UNIT2	HASKELL	WIND-O	WEST	2017	125.0
650	WILSON RANCH (INFINITY LIVE OAK WIND)		WL_RANCH_UNIT1	SCHLEICHER	WIND-O	WEST	2020	199.5
651	WOLF RIDGE WIND	21INR0511	WHTTAIL_WR1	COOKE	WIND-O	NORTH	2008	112.5
652	TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND-O	WEST	2008	2.0
653	**Operational Capacity Total (Wind)**							**24,962.4**
654								
655	Operational Wind Capacity Sub-total (Coastal Counties)		WIND_OPERATIONAL_C					3,441.6
656	Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				35.0
657								
658	Operational Wind Capacity Sub-total (Panhandle Counties)		WIND_OPERATIONAL_P					4,408.7
659	Wind Peak Average Capacity Percentage (Panhandle)		WIND_PEAK_PCT_P	%				43.0
660								
661	Operational Wind Capacity Sub-total (Other Counties)		WIND_OPERATIONAL_O					17,112.1
662	Wind Peak Average Capacity Percentage (Other)		WIND_PEAK_PCT_O	%				38.0
663								
664	**Operational Resources (Solar)**							
665	ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
666	BHE SOLAR PEARL PROJECT (SIRIUS 2)		SIRIUS_UNIT2	PECOS	SOLAR	WEST	2017	49.1
667	BLUEBELL SOLAR (CAPRICORN RIDGE SOLAR)		CAPRIDG4_BB_PV	STERLING	SOLAR	WEST	2019	30.0
668	BNB LAMESA SOLAR (PHASE I)		LMESASLR_UNIT1	DAWSON	SOLAR	WEST	2018	101.6
669	BNB LAMESA SOLAR (PHASE II)		LMESASLR_IVORY	DAWSON	SOLAR	WEST	2018	50.0
670	CASTLE GAP SOLAR		CASL_GAP_UNIT1	UPTON	SOLAR	WEST	2018	180.0
671	FOWLER RANCH		FWLR_SLR_UNIT1	CRANE	SOLAR	WEST	2020	152.5
672	FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2015	22.0
673	FS EAST PECOS SOLAR		BOOTLEG_UNIT1	PECOS	SOLAR	WEST	2017	121.1
674	HOLSTEIN SOLAR 1		HOLSTEIN_SOLAR1	NOLAN	SOLAR	WEST	2020	102.2
675	HOLSTEIN SOLAR 2		HOLSTEIN_SOLAR2	NOLAN	SOLAR	WEST	2020	102.3
676	LAPETUS SOLAR		LAPETUS_UNIT_1	ANDREWS	SOLAR	WEST	2020	100.7
677	OBERON SOLAR		OBERON_UNIT_1	ECTOR	SOLAR	WEST	2020	180.0
678	OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
679	OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
680	OCI ALAMO 5 (DOWNIE RANCH)		HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	2015	100.0
681	OCI ALAMO 6 (SIRIUS/WEST TEXAS)		SIRIUS_UNIT1	PECOS	SOLAR	WEST	2017	110.2
682	OCI ALAMO 7 (PAINT CREEK)		SOLARA_UNIT1	HASKELL	SOLAR	WEST	2016	112.0
683	PHOEBE SOLAR 1		PHOEBE_UNIT1	WINKLER	SOLAR	WEST	2019	125.1
684	PHOEBE SOLAR 2		PHOEBE_UNIT2	WINKLER	SOLAR	WEST	2019	128.1
685	PROSPERO SOLAR 1		PROSPERO_UNIT1	ANDREWS	SOLAR	WEST	2020	153.6
686	PROSPERO SOLAR 2		PROSPERO_UNIT2	ANDREWS	SOLAR	WEST	2020	150.0
687	QUEEN SOLAR PHASE I		QUEEN_SL_SOLAR1	UPTON	SOLAR	WEST	2020	102.5
688	QUEEN SOLAR PHASE I		QUEEN_SL_SOLAR2	UPTON	SOLAR	WEST	2020	102.5
689	QUEEN SOLAR PHASE II		QUEEEN_SL_SOLAR3	UPTON	SOLAR	WEST	2020	102.5
690	QUEEN SOLAR PHASE II		QUEEEN_SL_SOLAR4	UPTON	SOLAR	WEST	2020	97.5
691	RE ROSEROCK SOLAR 1		REROCK_UNIT1	PECOS	SOLAR	WEST	2016	78.8
692	RE ROSEROCK SOLAR 2		REROCK_UNIT2	PECOS	SOLAR	WEST	2016	78.8
693	RIGGINS (SE BUCKTHORN WESTEX SOLAR)		RIGGINS_UNIT1	PECOS	SOLAR	WEST	2018	150.0
694	SOLAIREHOLMAN 1		LASSO_UNIT1	BREWSTER	SOLAR	WEST	2018	50.0
695	SP-TX-12-PHASE B		SPTX12B_UNIT1	UPTON	SOLAR	WEST	2017	157.5
696	WAYMARK SOLAR		WAYMARK_UNIT1	UPTON	SOLAR	WEST	2018	182.0
697	WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
698	WEST OF PECOS SOLAR		W_PECOS_UNIT1	REEVES	SOLAR	WEST	2019	101.0
699	ALEXIS SOLAR		DG_ALEXIS_ALEXIS	BROOKS	SOLAR	SOUTH	2019	10.0
700	BECK 1		DG_CECSOLAR_DG_BECK1	BEXAR	SOLAR	SOUTH	2016	1.0
701	BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
702	BLUE WING 2 SOLAR		DG_ELMEN_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
703	BOVINE SOLAR LLC		DG_BOVINE_BOVINE	AUSTIN	SOLAR	SOUTH	2018	5.0
704	BOVINE SOLAR LLC		DG_BOVINE2_BOVINE2	AUSTIN	SOLAR	SOUTH	2018	5.0
705	BRONSON SOLAR I		DG_BRNSN_BRNSN	FORT BEND	SOLAR	HOUSTON	2018	5.0
706	BRONSON SOLAR II		DG_BRNSN2_BRNSN2	FORT BEND	SOLAR	HOUSTON	2018	5.0
707	CASCADE SOLAR I		DG_CASCADE_CASCADE	WHARTON	SOLAR	SOUTH	2018	5.0
708	CASCADE SOLAR II		DG_CASCADE2_CASCADE2	WHARTON	SOLAR	SOUTH	2018	5.0
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	MCLEENNAN	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	SOUTH	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 (DG)		DG_MARS_MARS	WEBB	SOLAR	SOUTH	2019	10.0
720	NORTH GAINESVILLE		DG_NGNSVL_NGAINESV	COOKE	SOLAR	NORTH	2017	5.2

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
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_COSERVSS_CSS1	DENTON	SOLAR	NORTH	2015	2.0
725	STERLING		DG_STRLING_STRLING	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_WHTSBORO	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
737	**Operational Capacity Total (Solar)**							**3,624.4**
738	Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				66.0
739								
740	**Operational Resources (Storage)**							
741	BLUE SUMMIT BATTERY		BLSUMMIT_BATTERY	WILBARGER	STORAGE	WEST	2017	30.0
742	BRP ODESSA SW (DGR)		BRPODESA_UNIT1	ECTOR	STORAGE	WEST	2020	10.0
743	CASTLE GAP BATTERY		CASL_GAP_BATTERY1	UPTON	STORAGE	WEST	2019	9.9
744	FLAT TOP BATTERY (DGR)		FLTBES_BESS1	REEVES	STORAGE	WEST	2020	9.9
745	INADALE ESS		INDL_ESS	NOLAN	STORAGE	WEST	2018	9.9
746	NOTREES BATTERY FACILITY		NWF_NBS	WINKLER	STORAGE	WEST	2013	33.7
747	OCI ALAMO 1		OCI_ALM1_ASTRO1	BEXAR	STORAGE	SOUTH	2016	1.0
748	PORT LAVACA BATTERY (DGR)		PTLBES_BESS1	CALHOUN	STORAGE	SOUTH	2019	9.9
749	PROSPECT STORAGE (DGR)		WCOLLDG_BSS_U1	BRAZORIA	STORAGE	HOUSTON	2019	9.9
750	PYRON ESS		PYR_ESS	SCURRY	STORAGE	WEST	2018	9.9
751	RABBIT HILL ENERGY STORAGE PROJECT (DGR)		RHESS2_ESS_1	WILLIAMSON	STORAGE	SOUTH	2020	9.9
752	WORSHAM BATTERY (DGR)		WRSBES_BESS1	REEVES	STORAGE	WEST	2020	9.9
753	KINGSBERY ENERGY STORAGE SYSTEM		DG_KB_ESS_KB_ESS	TRAVIS	STORAGE	SOUTH	2017	1.5
754	MU ENERGY STORAGE SYSTEM		DG_MU_ESS_MU_ESS	TRAVIS	STORAGE	SOUTH	2018	1.5
755	TOS BATTERY STORAGE (DGR)		TOSBATT_UNIT1	MIDLAND	STORAGE	WEST	2017	2.0
756	YOUNICOS FACILITY		DG_YOUNICOS_YINC1_1	TRAVIS	STORAGE	SOUTH	2015	2.0
757	**Operational Capacity Total (Storage)**							**160.9**
758	Storage Peak Average Capacity Percentage		STORAGE_PEAK_PCT	%				0.0
759								
760	Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT					-
761								
762	Capacity Pending Retirement		PENDRETIRE_CAP					-
763								
764	**Non-Synchronous Tie Resources**							
765	EAST TIE		DC_E	FANNIN	OTHER	NORTH		600.0
766	NORTH TIE		DC_N	WILBARGER	OTHER	WEST		220.0
767	LAREDO VFT TIE		DC_L	WEBB	OTHER	SOUTH		100.0
768	SHARYLAND RAILROAD TIE		DC_R	HIDALGO	OTHER	SOUTH		300.0
769	**Non-Synchronous Ties Total**							**1,220.0**
770	Non-Synchronous Ties Peak Average Capacity Percentage		DCTIE_PEAK_PCT	%				68.7
771								
772	**Planned Thermal Resources with Executed SGIA, Air Permit, GHG Permit and Proof of Adequate Water Supplies**							
773	AIR PRODUCTS GCA	21INR0012		GALVESTON	GAS-ST	HOUSTON	2022	-
774	MIRAGE	17INR0022		HARRIS	GAS-GT	HOUSTON	2020	-
775	PES1	20INR0206		HARRIS	GAS-GT	HOUSTON	2020	-
776	TOPAZ POWER PLANT	20INR0231		GALVESTON	GAS-GT	HOUSTON	2021	-
777	**Planned Capacity Total (Nuclear, Coal, Gas, Biomass)**							**-**
778								
779	**Planned Wind Resources with Executed SGIA**							
780	CHALUPA WIND	20INR0042		CAMERON	WIND-C	COASTAL	2020	-
781	CRANEL WIND	19INR0112		REFUGIO	WIND-C	COASTAL	2020	-
782	EAST RAYMOND WIND	18INR0059		WILLACY	WIND-C	COASTAL	2021	-
783	EL ALGODON ALTO W	15INR0034		SAN PATRICIO	WIND-C	COASTAL	2021	-
784	ESPIRITU WIND	17INR0031		CAMERON	WIND-C	COASTAL	2020	-
785	LAS MAJADAS WIND	17INR0035		WILLACY	WIND-C	COASTAL	2020	-
786	MONTE ALTO I	19INR0022		WILLACY	WIND-C	COASTAL	2021	-
787	PALMAS ALTAS WIND	17INR0037		CAMERON	WIND-C	COASTAL	2020	144.9
788	SHAFFER (PATRIOT WIND/PETRONILLA)	11INR0062		NUECES	WIND-C	COASTAL	2020	226.0
789	WEST RAYMOND (EL TRUENO) WIND	20INR0088		WILLACY	WIND-C	COASTAL	2020	-
790	HART WIND	16INR0033		CASTRO	WIND-P	PANHANDLE	2022	-
791	AJAX WIND	20INR0142		WILBARGER	WIND-O	WEST	2021	-
792	APOGEE WIND	21INR0467		HASKELL	WIND-O	WEST	2021	-
793	AQUILLA LAKE 2 WIND	20INR0256		HILL	WIND-O	NORTH	2021	-
794	AQUILLA LAKE WIND	19INR0145		HILL	WIND-O	NORTH	2021	-
795	AVIATOR WIND	19INR0156		COKE	WIND-O	WEST	2020	525.0
796	BAIRD NORTH WIND	20INR0083		CALLAHAN	WIND-O	WEST	2021	-
797	BARROW RANCH (JUMBO HILL WIND)	18INR0038		ANDREWS	WIND-O	WEST	2020	160.0
798	BIG SAMPSON WIND	16INR0104		CROCKETT	WIND-O	WEST	2021	-
799	BLACKJACK CREEK WIND	20INR0068		BEE	WIND-O	SOUTH	2021	-
800	CACTUS FLATS WIND	16INR0086		CONCHO	WIND-O	WEST	2020	148.4
801	CANYON WIND	18INR0030		SCURRY	WIND-O	WEST	2021	-
802	COYOTE WIND	17INR0027b		SCURRY	WIND-O	WEST	2020	-
803	EDMONDSON RANCH WIND	18INR0043		GLASSCOCK	WIND-O	WEST	2021	-
804	FOXTROT WIND	20INR0129		KARNES	WIND-O	SOUTH	2022	-
805	GRIFFIN TRAIL WIND	20INR0052		KNOX	WIND-O	WEST	2021	-
806	HARALD (BEARKAT WIND B)	15INR0064b		GLASSCOCK	WIND-O	WEST	2020	162.1
807	HIDALGO II WIND	19INR0053		HIDALGO	WIND-O	SOUTH	2020	51.0
808	HIGH LONESOME W	19INR0038		CROCKETT	WIND-O	WEST	2020	-
809	HIGH LONESOME WIND PHASE II	20INR0262		CROCKETT	WIND-O	WEST	2020	-
810	HUTT WIND	21INR0005		MIDLAND	WIND-O	WEST	2021	-
811	KONTIKI 1 WIND (ERIK)	19INR0099a		GLASSCOCK	WIND-O	WEST	2023	-
812	KONTIKI 2 WIND (ERNEST)	19INR0099b		GLASSCOCK	WIND-O	WEST	2023	-
813	VENADO WIND	16INR0111		STARR	WIND-O	SOUTH	2020	-
814	LORAINE WINDPARK PHASE III	18INR0068		MITCHELL	WIND-O	WEST	2021	-
815	MARYNEAL WINDPOWER	18INR0031		NOLAN	WIND-O	WEST	2021	-
816	MAVERICK CREEK I	20INR0045		CONCHO	WIND-O	WEST	2020	-
817	MAVERICK CREEK II	20INR0046		CONCHO	WIND-O	WEST	2021	-
818	MESTENO WIND	16INR0081		STARR	WIND-O	SOUTH	2020	-
819	MONARCH CREEK WIND	21INR0263		THROCKMORTON	WIND-O	WEST	2021	-
820	OVEJA WIND	18INR0033		IRION	WIND-O	WEST	2020	300.0
821	PRAIRIE HILL WIND	19INR0100		MCLENNAN	WIND-O	NORTH	2020	-
822	PRIDDY WIND	16INR0085		MILLS	WIND-O	NORTH	2021	-
823	RELOJ DEL SOL WIND	17INR0025		ZAPATA	WIND-O	SOUTH	2020	-
824	ROADRUNNER CROSSING WIND 1	19INR0117		EASTLAND	WIND-O	NORTH	2021	-
825	RTS 2 WIND (HEART OF TEXAS WIND)	18INR0016		MCCULLOCH	WIND-O	SOUTH	2020	179.9
826	SAGE DRAW WIND	19INR0163		LYNN	WIND-O	WEST	2020	338.0
827	TG EAST WIND	19INR0052		KNOX	WIND-O	WEST	2021	-
828	VERA WIND	19INR0051		KNOX	WIND-O	WEST	2020	208.8
829	VERA WIND V110	20INR0305		KNOX	WIND-O	WEST	2020	34.0
830	WHITE MESA WIND	19INR0128		CROCKETT	WIND-O	WEST	2021	-
831	WHITEHORSE WIND	19INR0080		FISHER	WIND-O	WEST	2020	418.9
832	WILDWIND	20INR0033		COOKE	WIND-O	NORTH	2020	-
833	WKN AMADEUS WIND	14INR0009		FISHER	WIND-O	WEST	2020	-
834	**Planned Capacity Total (Wind)**							**2,897.0**
835								
836	Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C					370.9
837	Wind Peak Average Capacity Percentage (Coastal)		WIND_PL_PEAK_PCT_C	%				35.0
838								
839	Planned Wind Capacity Sub-total (Panhandle Counties)		WIND_PLANNED_P					-
840	Wind Peak Average Capacity Percentage (Panhandle)		WIND_PL_PEAK_PCT_P	%				43.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
841								
842	Planned Wind Capacity Sub-total (Other counties)		WIND_PLANNED_O					2,526.1
843	Wind Peak Average Capacity Percentage (Other)		WIND_PL_PEAK_PCT_O	%				38.0
844								
845	**Planned Solar Resources with Executed SGIA**							
846	ANSON SOLAR	19INR0081		JONES	SOLAR	WEST	2020	-
847	ARAGORN SOLAR	19INR0088		CULBERSON	SOLAR	WEST	2021	-
848	AZURE SKY SOLAR	21INR0477		HASKELL	SOLAR	WEST	2021	-
849	BLUEBELL SOLAR II	20INR0204		STERLING	SOLAR	WEST	2021	-
850	BRAVEPOST SOLAR	20INR0053		TOM GREEN	SOLAR	WEST	2022	-
851	BRIGHTSIDE SOLAR	18INR0060		BEE	SOLAR	SOUTH	2021	-
852	CONIGLIO SOLAR	20INR0037		FANNIN	SOLAR	NORTH	2021	-
853	CORAZON SOLAR PHASE I	15INR0044		WEBB	SOLAR	SOUTH	2021	-
854	CORAZON SOLAR PHASE II	22INR0257		WEBB	SOLAR	SOUTH	2022	-
855	COTTONWOOD BAYOU	19INR0134		BRAZORIA	SOLAR	COASTAL	2021	-
856	CROWDED STAR SOLAR	20INR0241		JONES	SOLAR	WEST	2021	-
857	CROWDED STAR SOLAR II	22INR0274		JONES	SOLAR	WEST	2022	-
858	DANCIGER SOLAR	20INR0098		BRAZORIA	SOLAR	COASTAL	2022	-
859	DANISH FIELDS SOLAR I	20INR0069		WHARTON	SOLAR	SOUTH	2021	-
860	DANISH FIELDS SOLAR II	21INR0016		WHARTON	SOLAR	SOUTH	2021	-
861	DANISH FIELDS SOLAR III	21INR0017		WHARTON	SOLAR	SOUTH	2021	-
862	ELARA SOLAR	21INR0276		FRIO	SOLAR	SOUTH	2021	-
863	EMERALD GROVE SOLAR (PECOS SOLAR POWER I)	15INR0059		PECOS	SOLAR	WEST	2021	-
864	EUNICE SOLAR	20INR0219		ANDREWS	SOLAR	WEST	2020	-
865	FORT BEND SOLAR	18INR0053		FORT BEND	SOLAR	HOUSTON	2021	-
866	GALLOWAY 1 SOLAR	19INR0121		CONCHO	SOLAR	WEST	2021	-
867	GALLOWAY 2 SOLAR	21INR0431		CONCHO	SOLAR	WEST	2022	-
868	GARNET SOLAR	20INR0021		WILLIAMSON	SOLAR	SOUTH	2020	-
869	GREASEWOOD SOLAR	19INR0034		PECOS	SOLAR	WEST	2020	-
870	GREEN HOLLY SOLAR	21INR0021		DAWSON	SOLAR	WEST	2022	-
871	HORIZON SOLAR	21INR0261		FRIO	SOLAR	SOUTH	2021	-
872	HOVEY (BARILLA SOLAR 1B)	12INR0059b		PECOS	SOLAR	WEST	2020	7.4
873	IMPACT SOLAR	19INR0151		LAMAR	SOLAR	NORTH	2020	-
874	IP TITAN	20INR0032		CULBERSON	SOLAR	WEST	2021	-
875	JUNO SOLAR PHASE I	21INR0026		BORDEN	SOLAR	WEST	2021	-
876	JUNO SOLAR PHASE II	21INR0501		BORDEN	SOLAR	WEST	2021	-
877	KELLAM SOLAR	20INR0261		VAN ZANDT	SOLAR	NORTH	2020	-
878	LILY SOLAR	19INR0044		KAUFMAN	SOLAR	NORTH	2021	-
879	LONG DRAW SOLAR	18INR0055		BORDEN	SOLAR	WEST	2020	-
880	LONG POINT SOLAR	19INR0042		BRAZORIA	SOLAR	COASTAL	2021	-
881	MISAE SOLAR	18INR0045		CHILDRESS	SOLAR	PANHANDLE	2020	240.8
882	MISAE SOLAR II	20INR0091		CHILDRESS	SOLAR	PANHANDLE	2022	-
883	MORROW LAKE SOLAR	19INR0155		FRIO	SOLAR	SOUTH	2022	-
884	MUSTANG CREEK SOLAR	18INR0050		JACKSON	SOLAR	SOUTH	2021	-
885	MYRTLE SOLAR	19INR0041		BRAZORIA	SOLAR	COASTAL	2021	-
886	NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2022	-
887	NORTON SOLAR	19INR0035		RUNNELS	SOLAR	WEST	2022	-
888	OLD 300 SOLAR CENTER	21INR0406		FORT BEND	SOLAR	HOUSTON	2021	-
889	OLD HICKORY SOLAR	20INR0236		JACKSON	SOLAR	SOUTH	2021	-
890	OXY SOLAR	19INR0184		ECTOR	SOLAR	WEST	2020	16.2
891	PFLUGERVILLE SOLAR	15INR0090		TRAVIS	SOLAR	SOUTH	2021	-
892	PHOENIX SOLAR	19INR0091		FANNIN	SOLAR	NORTH	2021	-
893	PINE FOREST SOLAR	20INR0203		HOPKINS	SOLAR	NORTH	2022	-
894	PROSPERO SOLAR II	21INR0229		ANDREWS	SOLAR	WEST	2021	-
895	RAMBLER SOLAR	19INR0114		TOM GREEN	SOLAR	WEST	2020	200.0
896	RAMSEY SOLAR	20INR0130		WHARTON	SOLAR	SOUTH	2021	-
897	RAYOS DEL SOL	19INR0045		CAMERON	SOLAR	COASTAL	2021	-
898	RE MAPLEWOOD 2A SOLAR	17INR0020a		PECOS	SOLAR	WEST	2021	-
899	RE MAPLEWOOD 2B SOLAR	17INR0020b		PECOS	SOLAR	WEST	2021	-
900	RIPPEY SOLAR	20INR0031		COOKE	SOLAR	NORTH	2020	-
901	RODEO SOLAR	19INR0103		ANDREWS	SOLAR	WEST	2021	-
902	SBRANCH SOLAR PROJECT	22INR0205		WHARTON	SOLAR	SOUTH	2022	-
903	SHAKES SOLAR	19INR0073		ZAVALA	SOLAR	SOUTH	2021	-
904	SODA LAKE SOLAR 2	20INR0143		CRANE	SOLAR	WEST	2022	-
905	SPARTA SOLAR	22INR0352		BEE	SOLAR	SOUTH	2022	-
906	STRATEGIC SOLAR 1	20INR0081		ELLIS	SOLAR	NORTH	2021	-
907	SUN VALLEY	19INR0169		HILL	SOLAR	NORTH	2022	-
908	TAYGETE II SOLAR	21INR0233		PECOS	SOLAR	WEST	2021	-
909	TAYGETE SOLAR	20INR0054		PECOS	SOLAR	WEST	2021	-
910	TEXAS SOLAR NOVA	19INR0001		KENT	SOLAR	WEST	2022	-
911	TIMBERWOLF POI A	20INR0226		UPTON	SOLAR	WEST	2022	-
912	TRES BAHIAS SOLAR	20INR0266		CALHOUN	SOLAR	COASTAL	2021	-
913	UPTON SOLAR	16INR0114		UPTON	SOLAR	WEST	2021	-
914	VANCOURT SOLAR	21INR0213		CAMERON	SOLAR	COASTAL	2021	-
915	WAGYU SOLAR	18INR0062		BRAZORIA	SOLAR	COASTAL	2020	120.0
916	WESTORIA SOLAR	20INR0101		BRAZORIA	SOLAR	COASTAL	2021	-
917	**Planned Capacity Total (Solar)**							**584.4**
918	Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%				66.0
919								
920	**Planned Storage Resources with Executed SGIA**							
921	AZURE SKY BESS	21INR0476		HASKELL	STORAGE	WEST	2021	-
922	BAT CAVE	21INR0365		MASON	STORAGE	SOUTH	2021	-
923	CHISHOLM GRID	20INR0089		TARRANT	STORAGE	NORTH	2021	-
924	EUNICE STORAGE	20INR0220		ANDREWS	STORAGE	WEST	2020	-
925	GAMBIT	21INR0364		BRAZORIA	STORAGE	COASTAL	2021	-
926	LILY STORAGE	20INR0294		KAUFMAN	STORAGE	NORTH	2021	-
927	MADERO GRID	21INR0244		HIDALGO	STORAGE	SOUTH	2021	-
928	NORTH FORK	20INR0276		WILLIAMSON	STORAGE	SOUTH	2021	-
929	QUEEN BESS	20INR0281		UPTON	STORAGE	WEST	2022	-
930	SILICON HILL STORAGE	20INR0291		TRAVIS	STORAGE	SOUTH	2021	-
931	BRP ALVIN (DGR)		BRPALVIN_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	10.0
932	BRP ANGELTON (DGR)		BRPANGLE_UNIT1	BRAZORIA	STORAGE	HOUSTON	2020	10.0
933	BRP BRAZORIA (DGR)		BRP_BRAZ_UNIT1	BRAZORIA	STORAGE	HOUSTON	2020	10.0
934	BRP DICKINSON (DGR)		BRP_DIKN_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	10.0
935	BRP HEIGHTS (DGR)		BRHEIGHT_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	10.0
936	BRP LOOP 463 (DGR)		BRP_LOOP_UNIT1	VICTORIA	STORAGE	SOUTH	2020	-
937	BRP MAGNOLIA (DGR)		BRPMAGNO_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	10.0
938	BRP RANCHTOWN (DGR)		BRP_RNCH_UNIT1	BEXAR	STORAGE	SOUTH	2020	-
939	BRP SWEENY (DGR)		BRP_SWNY_UNIT1	BRAZORIA	STORAGE	HOUSTON	2020	-
940	COMMERCE ST ESS (DGR)		X443ESS1_SWRI	BEXAR	STORAGE	SOUTH	2019	10.0
941	FLOWER VALLEY BATTERY (DGR)		FLVABES1_FLATU1	REEVES	STORAGE	WEST	2020	-
942	HOEFSROAD BESS (DGR)		HRBESS_BESS	REEVES	STORAGE	NORTH	2020	-
943	JOHNSON CITY BESS (DGR)		JC_BAT_UNIT_1	BLANCO	STORAGE	SOUTH	2020	2.3
944	SWOOSE BATTERY (DGR)		SWOOSE1_SWOOSEU1	WARD	STORAGE	WEST	2020	-
945	**Planned Capacity Total (Storage)**							**72.3**
946	Storage Peak Average Capacity Percentage		STORAGE_PL_PEAK_PCT	%				0.0
947								
948	**Inactive Planned Resources**							
949	FRIENDSWOOD II	19INR0180		BRAZORIA	GAS-GT	COASTAL	2021	-
950	HALYARD WHARTON ENERGY CENTER	16INR0044		WHARTON	GAS-GT	SOUTH	2021	-
951	CHOCOLATE BAYOU W	16INR0074		BRAZORIA	WIND-C	COASTAL	2022	-
952	GOODNIGHT WIND	14INR0033		ARMSTRONG	WIND-P	PANHANDLE	2021	-
953	MARIAH DEL ESTE	13INR0010a		PARMER	WIND-P	PANHANDLE	2020	-
954	NORTHDRAW WIND	13INR0025		RANDALL	WIND-P	PANHANDLE	2020	150.0
955	PANHANDLE WIND 3	14INR0030c		CARSON	WIND-P	PANHANDLE	2022	-
956	WILDROSE WIND (SWISHER WIND)	13INR0038		SWISHER	WIND-P	PANHANDLE	2021	-
957	LOMA PINTA WIND	16INR0112		LA SALLE	WIND-O	SOUTH	2021	-
958	AGATE SOLAR	20INR0023		ELLIS	SOLAR	NORTH	2020	60.0
959	SPINEL SOLAR	20INR0025		MEDINA	SOLAR	SOUTH	2020	-
960	ROUGHNECK STORAGE	19INR0176		BRAZORIA	STORAGE	COASTAL	2021	-

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
961	**Inactive Planned Capacity Total**							**210.0**
962								
963	**Seasonal Mothballed Resources**							
964	GREGORY POWER PARTNERS GT1 (AS OF 10/17/2019, AVAILABLE 5/1 THROUGH 9/30)		LGE_LGE_GT1	SAN PATRICIO	GAS-CC	COASTAL	2000	152.0
965	GREGORY POWER PARTNERS GT2 (AS OF 10/17/2019, AVAILABLE 5/1 THROUGH 9/30)		LGE_LGE_GT2	SAN PATRICIO	GAS-CC	COASTAL	2000	151.0
966	GREGORY POWER PARTNERS STG (AS OF 10/17/2019,AVAILABLE 5/1 THROUGH 9/30)		LGE_LGE_STG	SAN PATRICIO	GAS-CC	COASTAL	2000	75.0
967	SPENCER STG U4 (AS OF 10/3/2018, AVAILABLE 5/20 THROUGH 10/10)		SPNCER_SPNCE_4	DENTON	GAS-ST	NORTH	1966	57.0
968	SPENCER STG U5 (AS OF 10/3/2018, AVAILABLE 5/20 THROUGH 10/10)		SPNCER_SPNCE_5	DENTON	GAS-ST	NORTH	1973	61.0
969	**Total Seasonal Mothballed Capacity**							**496.0**
970								
971	**Mothballed Resources**							
972	J T DEELY U1 (AS OF 12/31/2018)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1977	430.0
973	J T DEELY U2 (AS OF 12/31/2018)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1978	420.0
974	**Total Mothballed Capacity**							**850.0**
975								
976	**Retiring Resources Unavailable to ERCOT (since last CDR/SARA)**							
977	**Total Retiring Capacity**							**-**

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). Projects associated with interconnection change requests that change the MW capacity are indicated with a code in the “Generation Interconnection Project Code” column of operational units.

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 regulation reserves rather than sustained capacity available to meet system peak loads.

Unit Names with a (DGR) suffix are Distribution Generation Resources. A DGR fully participates in ERCOT's markets, but is connected to the Distribution System and is currently not required to go through the GINR application process.

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 drought) 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 threshold of 2,300 MW to indicate the risk that an Energy Emergency Alert Level 1 (EEA1) may be triggered during the time of the forecasted seasonal peak load. This threshold level is intended to be roughly analogous to the 2,300 MW Physical Responsive Capability (PRC) threshold for EEA1. 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 MW reserve capacity threshold is a reasonable indicator 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. The SARA report is not intended to indicate the likelihood of any of these scenario outcomes.