Release Date: May 13, 2020

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

SUMMARY

The ERCOT region will likely experience record electric use this summer driven by summer heat.

“There is a lot of uncertainty in today's world, but we are confident that Texas will still be hot this summer,” said ERCOT President and CEO Bill Magness. “Texans will need electric power as they do every summer, and ERCOT is prepared to do our part to keep it flowing reliably."

ERCOT adjusted its peak load forecast to 75,200 MW to account for economic impacts related to COVID-19. The new forecast is 1,496 MW less than what was reported in the preliminary summer SARA and increases the summer 2020 reserve margin to 12.6%, up from 10.6%. However, the new forecast is still higher than ERCOT’s all-time peak demand record of 74,820 MW set on Aug. 12, 2019.

The grid operator anticipates there will be sufficient generation to meet the expected demand under normal/expected operating conditions. However, extreme weather, low wind output and higher-than-normal generation outages may result in the need to declare Energy Emergency Alerts (EEAs).

Since the preliminary summer SARA was released, seven planned wind, solar, and storage projects totaling 979 MW and contributing 276 MW to summer peak began commercial operations.

Approximately 411 MW of planned resource capacity expected to be available during peak demand hours (mostly wind) has been delayed beyond summer 2020, and only one small battery project has been delayed due to COVID-19.

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Forecasted Capacity and Demand

Operational Resources (thermal and hydro), MW	65,224	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Switchable Capacity Total, MW	3,490	Installed capacity of units that can interconnect with other Regions and are available to ERCOT
Less Switchable Capacity Unavailable to ERCOT, MW	(734)	Based on survey responses of Switchable Resource owners
Available Mothballed Capacity, MW	483	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Capacity from Private Use Networks, MW	3,176	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, MW	2,073	Based on 63% 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, MW	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, MW	2,703	Based on 16% 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, MW	1,883	Based on 76% of rated capacity for solar resources (summer season) per Nodal Protocols Section 3.2.6.2.2
Storage, Peak Average Capacity Contribution, MW	-	Based on 0% of rated capacity (summer season); resources assumed to provide regulation reserves rather than sustained capacity available to meet peak loads
RMR Capacity to be under Contract	-	
Capacity Pending Retirement, MW	-	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	850	Based on net imports during summer 2019 Energy Emergency Alert (EEA) intervals
Planned Thermal Resources with Signed IA, Air Permits and Water Rights, MW	90	Based on in-service dates provided by developers
Planned Coastal Wind with Signed IA, Peak Average Capacity Contribution, MW	187	Based on in-service dates provided by developers and 63% summer capacity contribution for coastal wind resources
Planned Panhandle Wind with Signed IA, Peak Average Capacity Contribution, MW	-	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, MW	400	Based on in-service dates provided by developers and 16% summer capacity contribution for other wind resources
Planned Solar Utility-Scale, Peak Average Capacity Contribution, MW	1,096	Based on in-service dates provided by developers and 76% summer capacity contribution for solar resources
Planned Storage, Peak Average Capacity Contribution, MW	-	Based on in-service dates provided by developers and 0% summer capacity contribution for storage resources
[a] Total Resources, MW	82,199	
[b] Peak Demand, MW	75,200	Based on average weather conditions at the time of the summer peak for 2004-2018, and adjusted to reflect the impacts of the COVID-19 pandemic on load and the economy.
[c] Reserve Capacity [a - b], MW	6,999	

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	-	-	-	3,216	Based on 2011 summer weather conditions and COVID-19 impact; the extreme summer forecast is 78,416 MW
Typical Maintenance Outages, Thermal	38	38	38	38	Based on the historical average of planned outages for July through August weekdays, hours ending 2 pm - 8 pm, for the last three summer seasons (2017 - 2019)
Typical Forced Outages, Thermal	4,031	4,031	4,031	4,031	Based on historical average of forced outages for June through September weekdays, hours ending 2 pm - 8 pm, for the last three summer seasons (2017 - 2019)
95th Percentile Forced Outages, Thermal	-	2,932	-	-	Based on the 95th percentile of historical forced outages for June through September weekdays, hours ending 2 pm - 8 pm, for the last three summer seasons (2017 - 2019); the adjustment is the 95th percentile value, 6,963 MW, less the typical forced outage amount of 4,031 MW
Low Wind Output Adjustment	-	-	5,019	-	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 summer Peak Load seasons; this low wind output level is 1,622 MW
[d] Total Uses of Reserve Capacity	4,069	7,001	9,088	7,285	
[e] Capacity Available for Operating Reserves, Normal Operating Conditions [c - d], MW	2,930	(2)	(2,089)	(286)	See the Background tab for additional details
Less than 2,300 MW indicates risk of EEA1					

Unit Capacities - Summer

	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	1,205.0
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		COLETO_COLETOG1	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	OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
22	SAN MIGUEL U1		SANMIGL_G1	ATASCOSA	COAL	SOUTH	1982	391.0
23	SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	940.0
24	TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	155.0
25	TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	155.0
26	W A PARISH U5		WAP_WAP_G5	FORT BEND	COAL	HOUSTON	1977	664.0
27	W A PARISH U6		WAP_WAP_G6	FORT BEND	COAL	HOUSTON	1978	663.0
28	W A PARISH U7		WAP_WAP_G7	FORT BEND	COAL	HOUSTON	1980	577.0
29	W A PARISH U8		WAP_WAP_G8	FORT BEND	COAL	HOUSTON	1982	610.0
30	ARTHUR VON ROSENBERG 1 CTG 1		BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	164.0
31	ARTHUR VON ROSENBERG 1 CTG 2		BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	164.0
32	ARTHUR VON ROSENBERG 1 STG		BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	190.0
33	ATKINS CTG 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	18.0
34	BARNEY M DAVIS CTG 3		B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	157.0
35	BARNEY M DAVIS CTG 4		B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	157.0
36	BARNEY M DAVIS STG 1		B_DAVIS_B_DAVIG1	NUECES	GAS	COASTAL	1974	300.0
37	BARNEY M DAVIS STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	319.0
38	BASTROP ENERGY CENTER CTG 1		BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	150.0
39	BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	150.0
40	BASTROP ENERGY CENTER STG		BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	233.0
41	BOSQUE ENERGY CENTER CTG 1		BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	143.0
42	BOSQUE ENERGY CENTER CTG 2		BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	143.0
43	BOSQUE ENERGY CENTER CTG 3		BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	145.0
44	BOSQUE ENERGY CENTER STG 4		BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	79.5
45	BOSQUE ENERGY CENTER STG 5		BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	213.5
46	BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	149.7
47	BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	149.7
48	BRAZOS VALLEY STG 3		BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	257.9
49	CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	75.0
50	CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	75.0
51	CALENERGY-FALCON SEABOARD STG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	70.0
52	CALHOUN (PORT COMFORT) CTG 1		CALHOUN_UNIT1	CALHOUN	GAS	COASTAL	2017	44.0
53	CALHOUN (PORT COMFORT) CTG 2		CALHOUN_UNIT2	CALHOUN	GAS	COASTAL	2017	44.0
54	CASTLEMAN CHAMON CTG 1		CHAMON_CTG_0101	HARRIS	GAS	HOUSTON	2017	44.0
55	CASTLEMAN CHAMON CTG 2		CHAMON_CTG_0301	HARRIS	GAS	HOUSTON	2017	44.0
56	CEDAR BAYOU 4 CTG 1		CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	163.0
57	CEDAR BAYOU 4 CTG 2		CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	163.0
58	CEDAR BAYOU 4 STG		CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	178.0
59	CEDAR BAYOU STG 1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
60	CEDAR BAYOU STG 2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
61	COLORADO BEND ENERGY CENTER CTG 1	20INR0301	CBEC_GT1	WHARTON	GAS	SOUTH	2007	70.0
62	COLORADO BEND ENERGY CENTER CTG 2	20INR0301	CBEC_GT2	WHARTON	GAS	SOUTH	2007	62.0
63	COLORADO BEND ENERGY CENTER CTG 3	20INR0301	CBEC_GT3	WHARTON	GAS	SOUTH	2008	69.0
64	COLORADO BEND ENERGY CENTER CTG 4	20INR0301	CBEC_GT4	WHARTON	GAS	SOUTH	2008	63.0
65	COLORADO BEND ENERGY CENTER STG 1	20INR0301	CBEC_STG1	WHARTON	GAS	SOUTH	2007	101.0
66	COLORADO BEND ENERGY CENTER STG 2	20INR0301	CBEC_STG2	WHARTON	GAS	SOUTH	2008	103.0
67	COLORADO BEND II CTG 7	18INR0077	CBECII_CT7	WHARTON	GAS	SOUTH	2017	329.3
68	COLORADO BEND II CTG 8	18INR0077	CBECII_CT8	WHARTON	GAS	SOUTH	2017	335.0
69	COLORADO BEND II STG 9	18INR0077	CBECII_STG9	WHARTON	GAS	SOUTH	2017	478.4
70	CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	169.0
71	CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	165.0
72	CVC CHANNELVIEW CTG 3		CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	165.0
73	CVC CHANNELVIEW STG 5		CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	144.0
74	DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	45.0
75	DANSBY CTG 3		DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	47.0
76	DANSBY STG 1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	107.0
77	DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	48.0
78	DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	48.0
79	DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	48.0
80	DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	48.0
81	DECKER CREEK STG 1		DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	315.0
82	DECKER CREEK STG 2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	420.0
83	DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	69.0
84	DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	69.0
85	DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	68.0
86	DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	69.0
87	DEER PARK ENERGY CENTER CTG 1		DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	172.0
88	DEER PARK ENERGY CENTER CTG 2		DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	182.0
89	DEER PARK ENERGY CENTER CTG 3		DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	172.0
90	DEER PARK ENERGY CENTER CTG 4		DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	182.0
91	DEER PARK ENERGY CENTER CTG 6		DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	156.0
92	DEER PARK ENERGY CENTER STG 1		DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	287.0
93	DENTON ENERGY CENTER IC A		DEC_AGR_A	DENTON	GAS	NORTH	2018	56.5
94	DENTON ENERGY CENTER IC B		DEC_AGR_B	DENTON	GAS	NORTH	2018	56.5
95	DENTON ENERGY CENTER IC C		DEC_AGR_C	DENTON	GAS	NORTH	2018	56.5
96	DENTON ENERGY CENTER IC D		DEC_AGR_D	DENTON	GAS	NORTH	2018	56.5
97	ECTOR COUNTY ENERGY CTG 1		ECEC_G1	ECTOR	GAS	WEST	2015	147.0
98	ECTOR COUNTY ENERGY CTG 2		ECEC_G2	ECTOR	GAS	WEST	2015	147.0
99	ELK STATION IC 3		AEEC_ELK_3	HALE	GAS	PANHANDLE	2016	190.0
100	ENNIS POWER STATION CTG 2	21INR0448	ETCCS_CT1	ELLIS	GAS	NORTH	2002	204.0
101	ENNIS POWER STATION STG 1	21INR0448	ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	115.0
102	EXTEX LAPORTE GEN STN CTG 1		AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	36.0
103	EXTEX LAPORTE GEN STN CTG 2		AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	36.0
104	EXTEX LAPORTE GEN STN CTG 3		AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	36.0
105	EXTEX LAPORTE GEN STN CTG 4		AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	36.0
106	FERGUSON REPLACEMENT CTG 1		FERGCC_FERGGT1	LLANO	GAS	SOUTH	2014	169.0
107	FERGUSON REPLACEMENT CTG 2		FERGCC_FERGGT2	LLANO	GAS	SOUTH	2014	169.0
108	FERGUSON REPLACEMENT STG 1		FERGCC_FERGST1	LLANO	GAS	SOUTH	2014	182.0
109	FORNEY ENERGY CENTER CTG 11		FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	165.0
110	FORNEY ENERGY CENTER CTG 12		FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	157.0
111	FORNEY ENERGY CENTER CTG 13		FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	157.0
112	FORNEY ENERGY CENTER CTG 21		FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	165.0
113	FORNEY ENERGY CENTER CTG 22		FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	157.0
114	FORNEY ENERGY CENTER CTG 23		FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	157.0
115	FORNEY ENERGY CENTER STG 10		FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	406.0
116	FORNEY ENERGY CENTER STG 20		FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	406.0
117	FREESTONE ENERGY CENTER CTG 1		FREC_GT1	FREESTONE	GAS	NORTH	2002	147.0
118	FREESTONE ENERGY CENTER CTG 2		FREC_GT2	FREESTONE	GAS	NORTH	2002	147.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
119	FREESTONE ENERGY CENTER CTG 4		FREC_GT4	FREESTONE	GAS	NORTH	2002	145.0
120	FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS	NORTH	2002	145.0
121	FREESTONE ENERGY CENTER STG 3		FREC_ST3	FREESTONE	GAS	NORTH	2002	169.0
122	FREESTONE ENERGY CENTER STG 6		FREC_ST6	FREESTONE	GAS	NORTH	2002	168.0
123	FRIENDSWOOD G		FEGC_UNIT1	HARRIS	GAS	HOUSTON	2018	119.0
124	GRAHAM STG 1		GRSES_UNIT1	YOUNG	GAS	WEST	1960	234.0
125	GRAHAM STG 2		GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
126	GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	56.0
127	GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	56.0
128	GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	56.0
129	GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	50.0
130	GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	56.0
131	GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	56.0
132	GREENVILLE IC ENGINE PLANT IC 1		STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.2
133	GREENVILLE IC ENGINE PLANT IC 2		STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.2
134	GREENVILLE IC ENGINE PLANT IC 3		STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.2
135	GUADALUPE ENERGY CENTER CTG 1		GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	143.0
136	GUADALUPE ENERGY CENTER CTG 2		GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	143.0
137	GUADALUPE ENERGY CENTER CTG 3		GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	141.0
138	GUADALUPE ENERGY CENTER CTG 4		GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	141.0
139	GUADALUPE ENERGY CENTER STG 5		GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	198.0
140	GUADALUPE ENERGY CENTER STG 6		GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	198.0
141	HANDLEY STG 3		HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
142	HANDLEY STG 4		HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
143	HANDLEY STG 5		HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
144	HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	210.0
145	HAYS ENERGY FACILITY CSG 2		HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	211.0
146	HAYS ENERGY FACILITY CSG 3		HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	210.0
147	HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	213.0
148	HIDALGO ENERGY CENTER CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	149.0
149	HIDALGO ENERGY CENTER CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	149.0
150	HIDALGO ENERGY CENTER STG 1		DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	168.0
151	JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS	NORTH	2006	155.0
152	JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS	NORTH	2006	155.0
153	JACK COUNTY GEN FACILITY CTG 3		JCKCNTY2_CT3	JACK	GAS	NORTH	2011	150.0
154	JACK COUNTY GEN FACILITY CTG 4		JCKCNTY2_CT4	JACK	GAS	NORTH	2011	150.0
155	JACK COUNTY GEN FACILITY STG 1		JACKCNTY_STG	JACK	GAS	NORTH	2006	295.0
156	JACK COUNTY GEN FACILITY STG 2		JCKCNTY2_ST2	JACK	GAS	NORTH	2011	295.0
157	JOHNSON COUNTY GEN FACILITY CTG 1		TEN_CT1	JOHNSON	GAS	NORTH	1997	163.0
158	JOHNSON COUNTY GEN FACILITY STG 1		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
159	LAKE HUBBARD STG 1		LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
160	LAKE HUBBARD STG 2		LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	523.0
161	LAMAR ENERGY CENTER CTG 11		LPCCS_CT11	LAMAR	GAS	NORTH	2000	153.0
162	LAMAR ENERGY CENTER CTG 12		LPCCS_CT12	LAMAR	GAS	NORTH	2000	145.0
163	LAMAR ENERGY CENTER CTG 21		LPCCS_CT21	LAMAR	GAS	NORTH	2000	145.0
164	LAMAR ENERGY CENTER CTG 22		LPCCS_CT22	LAMAR	GAS	NORTH	2000	153.0
165	LAMAR ENERGY CENTER STG 1		LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
166	LAMAR ENERGY CENTER STG 2		LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
167	LAREDO CTG 4		LARDVFTN_G4	WEBB	GAS	SOUTH	2008	90.1
168	LAREDO CTG 5		LARDVFTN_G5	WEBB	GAS	SOUTH	2008	87.3
169	LEON CREEK PEAKER CTG 1		LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	46.0
170	LEON CREEK PEAKER CTG 2		LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	46.0
171	LEON CREEK PEAKER CTG 3		LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	46.0
172	LEON CREEK PEAKER CTG 4		LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	46.0
173	LOST PINES POWER CTG 1		LOSTPI_LOSTPGT1	BASTROP	GAS	SOUTH	2001	170.0
174	LOST PINES POWER CTG 2		LOSTPI_LOSTPGT2	BASTROP	GAS	SOUTH	2001	170.0
175	LOST PINES POWER STG 1		LOSTPI_LOSTPST1	BASTROP	GAS	SOUTH	2001	188.0
176	MAGIC VALLEY STATION CTG 1		NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	215.0
177	MAGIC VALLEY STATION CTG 2		NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	215.0
178	MAGIC VALLEY STATION STG 3		NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	236.0
179	MIDLOTHIAN ENERGY FACILITY CTG 1		MDANP_CT1	ELLIS	GAS	NORTH	2001	229.0
180	MIDLOTHIAN ENERGY FACILITY CTG 2		MDANP_CT2	ELLIS	GAS	NORTH	2001	227.0
181	MIDLOTHIAN ENERGY FACILITY CTG 3		MDANP_CT3	ELLIS	GAS	NORTH	2001	227.0
182	MIDLOTHIAN ENERGY FACILITY CTG 4		MDANP_CT4	ELLIS	GAS	NORTH	2001	227.0
183	MIDLOTHIAN ENERGY FACILITY CTG 5		MDANP_CT5	ELLIS	GAS	NORTH	2002	241.0
184	MIDLOTHIAN ENERGY FACILITY CTG 6		MDANP_CT6	ELLIS	GAS	NORTH	2002	243.0
185	MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	66.0
186	MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	65.0
187	MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	65.0
188	MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	67.0
189	MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	67.0
190	MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	67.0
191	MOUNTAIN CREEK STG 6		MCSES_UNIT6	DALLAS	GAS	NORTH	1956	122.0
192	MOUNTAIN CREEK STG 7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	118.0
193	MOUNTAIN CREEK STG 8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	568.0
194	NUECES BAY REPOWER CTG 8		NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	157.0
195	NUECES BAY REPOWER CTG 9		NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	157.0
196	NUECES BAY REPOWER STG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	319.0
197	O W SOMMERS STG 1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
198	O W SOMMERS STG 2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	410.0
199	ODESSA-ECTOR POWER CTG 11		OECCS_CT11	ECTOR	GAS	WEST	2001	166.7
200	ODESSA-ECTOR POWER CTG 12		OECCS_CT12	ECTOR	GAS	WEST	2001	158.2
201	ODESSA-ECTOR POWER CTG 21	20INR0282	OECCS_CT21	ECTOR	GAS	WEST	2001	166.7
202	ODESSA-ECTOR POWER CTG 22	20INR0282	OECCS_CT22	ECTOR	GAS	WEST	2001	158.2
203	ODESSA-ECTOR POWER STG 1		OECCS_UNIT1	ECTOR	GAS	WEST	2001	206.0
204	ODESSA-ECTOR POWER STG 2	20INR0282	OECCS_UNIT2	ECTOR	GAS	WEST	2001	206.0
205	PANDA SHERMAN POWER CTG 1		PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	196.0
206	PANDA SHERMAN POWER CTG 2		PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	195.0
207	PANDA SHERMAN POWER STG 1		PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	326.0
208	PANDA TEMPLE I POWER CTG 1		PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	195.0
209	PANDA TEMPLE I POWER CTG 2		PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	195.0
210	PANDA TEMPLE I POWER STG 1		PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	312.0
211	PANDA TEMPLE II POWER CTG 1		PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	191.2
212	PANDA TEMPLE II POWER CTG 2		PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	191.2
213	PANDA TEMPLE II POWER STG 1		PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	334.7
214	PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	76.0
215	PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	76.0
216	PARIS ENERGY CENTER STG 1		TNSKA_STG	LAMAR	GAS	NORTH	1990	87.0
217	PASADENA COGEN FACILITY CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	164.5
218	PASADENA COGEN FACILITY CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	164.5
219	PASADENA COGEN FACILITY STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	170.4
220	PEARSALL ENGINE PLANT IC A		PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
221	PEARSALL ENGINE PLANT IC B		PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
222	PEARSALL ENGINE PLANT IC C		PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
223	PEARSALL ENGINE PLANT IC D		PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
224	PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	63.0
225	PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	64.0
226	PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	64.0
227	PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	64.0
228	PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	65.0
229	PHR PEAKERS (BAC) CTG 1		BAC_CTG1	GALVESTON	GAS	HOUSTON	2018	59.0
230	PHR PEAKERS (BAC) CTG 2		BAC_CTG2	GALVESTON	GAS	HOUSTON	2018	61.0
231	PHR PEAKERS (BAC) CTG 3		BAC_CTG3	GALVESTON	GAS	HOUSTON	2018	49.0
232	PHR PEAKERS (BAC) CTG 4		BAC_CTG4	GALVESTON	GAS	HOUSTON	2018	54.0
233	PHR PEAKERS (BAC) CTG 5		BAC_CTG5	GALVESTON	GAS	HOUSTON	2018	54.0
234	PHR PEAKERS (BAC) CTG 6		BAC_CTG6	GALVESTON	GAS	HOUSTON	2018	52.0
235	POWERLANE PLANT STG 1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	17.5
236	POWERLANE PLANT STG 2		STEAM_STEAM_2	HUNT	GAS	NORTH	1967	23.5

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
237	POWERLANE PLANT STG 3		STEAM_STEAM_3	HUNT	GAS	NORTH	1978	39.5
238	QUAIL RUN ENERGY CTG 1		QALSW_GT1	ECTOR	GAS	WEST	2007	74.0
239	QUAIL RUN ENERGY CTG 2		QALSW_GT2	ECTOR	GAS	WEST	2007	74.0
240	QUAIL RUN ENERGY CTG 3		QALSW_GT3	ECTOR	GAS	WEST	2008	72.0
241	QUAIL RUN ENERGY CTG 4		QALSW_GT4	ECTOR	GAS	WEST	2008	72.0
242	QUAIL RUN ENERGY STG 1		QALSW_STG1	ECTOR	GAS	WEST	2007	98.0
243	QUAIL RUN ENERGY STG 2		QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
244	R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	1994	100.0
245	R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	1994	100.0
246	R W MILLER STG 1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	1968	70.0
247	R W MILLER STG 2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	1972	118.0
248	R W MILLER STG 3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	1975	208.0
249	RAY OLINGER CTG 4		OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	75.0
250	RAY OLINGER STG 1		OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
251	RAY OLINGER STG 2		OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0
252	RAY OLINGER STG 3		OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
253	REDGATE IC A		REDGATE_AGR_A	HIDALGO	GAS	SOUTH	2016	56.3
254	REDGATE IC B		REDGATE_AGR_B	HIDALGO	GAS	SOUTH	2016	56.3
255	REDGATE IC C		REDGATE_AGR_C	HIDALGO	GAS	SOUTH	2016	56.3
256	REDGATE IC D		REDGATE_AGR_D	HIDALGO	GAS	SOUTH	2016	56.3
257	RIO NOGALES POWER CTG 1		RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	163.0
258	RIO NOGALES POWER CTG 2	21INR0328	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	148.0
259	RIO NOGALES POWER CTG 3	20INR0272	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	163.0
260	RIO NOGALES POWER STG 4		RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	305.0
261	SAM RAYBURN POWER CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	11.0
262	SAM RAYBURN POWER CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	11.0
263	SAM RAYBURN POWER CTG 7		RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
264	SAM RAYBURN POWER CTG 8		RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	50.0
265	SAM RAYBURN POWER CTG 9		RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
266	SAM RAYBURN POWER STG 10		RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
267	SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	80.0
268	SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	80.0
269	SANDHILL ENERGY CENTER CTG 1		SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	47.0
270	SANDHILL ENERGY CENTER CTG 2		SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	47.0
271	SANDHILL ENERGY CENTER CTG 3		SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	47.0
272	SANDHILL ENERGY CENTER CTG 4		SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	47.0
273	SANDHILL ENERGY CENTER CTG 5A		SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	142.0
274	SANDHILL ENERGY CENTER CTG 6		SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	47.0
275	SANDHILL ENERGY CENTER CTG 7		SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	47.0
276	SANDHILL ENERGY CENTER STG 5C		SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	139.0
277	SILAS RAY CTG 10		SILASRAY_SILAS_10	CAMERON	GAS	COASTAL	2004	46.0
278	SILAS RAY POWER CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	38.0
279	SILAS RAY POWER STG 6		SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	20.0
280	SIM GIDEON STG 1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
281	SIM GIDEON STG 2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0
282	SIM GIDEON STG 3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	336.0
283	SKY GLOBAL POWER ONE IC A		SKY1_SKY1A	COLORADO	GAS	SOUTH	2016	26.7
284	SKY GLOBAL POWER ONE IC B		SKY1_SKY1B	COLORADO	GAS	SOUTH	2016	26.7
285	STRYKER CREEK STG 1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0
286	STRYKER CREEK STG 2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0
287	T H WHARTON CTG 1		THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0
288	T H WHARTON POWER CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	1972	54.0
289	T H WHARTON POWER CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	1972	54.0
290	T H WHARTON POWER CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	1972	54.0
291	T H WHARTON POWER CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	1972	54.0
292	T H WHARTON POWER CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	1972	54.0
293	T H WHARTON POWER CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	1972	54.0
294	T H WHARTON POWER CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	1974	54.0
295	T H WHARTON POWER CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	1974	54.0
296	T H WHARTON POWER CTG 51		THW_THWGT51	HARRIS	GAS	HOUSTON	1975	56.0
297	T H WHARTON POWER CTG 52		THW_THWGT52	HARRIS	GAS	HOUSTON	1975	56.0
298	T H WHARTON POWER CTG 53		THW_THWGT53	HARRIS	GAS	HOUSTON	1975	56.0
299	T H WHARTON POWER CTG 54		THW_THWGT54	HARRIS	GAS	HOUSTON	1975	56.0
300	T H WHARTON POWER CTG 55		THW_THWGT55	HARRIS	GAS	HOUSTON	1975	56.0
301	T H WHARTON POWER CTG 56		THW_THWGT56	HARRIS	GAS	HOUSTON	1975	56.0
302	T H WHARTON POWER STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	1974	110.0
303	T H WHARTON POWER STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	1974	110.0
304	TEXAS CITY POWER CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	80.3
305	TEXAS CITY POWER CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	80.3
306	TEXAS CITY POWER CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	80.3
307	TEXAS CITY POWER STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	124.9
308	TEXAS GULF SULPHUR CTG 1		TGF_TGFGT_1	WHARTON	GAS	SOUTH	1985	69.0
309	TRINIDAD STG 6		TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	235.0
310	V H BRAUNIG CTG 5		BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
311	V H BRAUNIG CTG 6		BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
312	V H BRAUNIG CTG 7		BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
313	V H BRAUNIG CTG 8		BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	47.0
314	V H BRAUNIG STG 1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	217.0
315	V H BRAUNIG STG 2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
316	V H BRAUNIG STG 3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
317	VICTORIA CITY (CITYVICT) CTG 1		CITYVICT_CTG01	VICTORIA	GAS	SOUTH	2020	44.0
318	VICTORIA CITY (CITYVICT) CTG 2		CITYVICT_CTG02	VICTORIA	GAS	SOUTH	2020	44.0
319	VICTORIA PORT (VICTPORT) CTG 1		VICTPORT_CTG01	VICTORIA	GAS	SOUTH	2019	44.0
320	VICTORIA PORT (VICTPORT) CTG 2		VICTPORT_CTG02	VICTORIA	GAS	SOUTH	2019	44.0
321	VICTORIA POWER CTG 6		VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	160.0
322	VICTORIA POWER STG 5		VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	125.0
323	W A PARISH CTG 1		WAP_WAPGT_1	FORT BEND	GAS	HOUSTON	1967	13.0
324	W A PARISH STG 1		WAP_WAP_G1	FORT BEND	GAS	HOUSTON	1958	169.0
325	W A PARISH STG 2		WAP_WAP_G2	FORT BEND	GAS	HOUSTON	1958	169.0
326	W A PARISH STG 3		WAP_WAP_G3	FORT BEND	GAS	HOUSTON	1961	240.0
327	W A PARISH STG 4		WAP_WAP_G4	FORT BEND	GAS	HOUSTON	1968	527.0
328	WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0
329	WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0
330	WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0
331	WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	17.0
332	WINCHESTER POWER PARK CTG 1		WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	44.0
333	WINCHESTER POWER PARK CTG 2		WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	44.0
334	WINCHESTER POWER PARK CTG 3		WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	44.0
335	WINCHESTER POWER PARK CTG 4		WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	44.0
336	WISE-TRACTEBEL POWER CTG 1	20INR0286	WCPP_CT1	WISE	GAS	NORTH	2004	241.4
337	WISE-TRACTEBEL POWER CTG 2	20INR0286	WCPP_CT2	WISE	GAS	NORTH	2004	241.4
338	WISE-TRACTEBEL POWER STG 1	20INR0286	WCPP_ST1	WISE	GAS	NORTH	2004	298.0
339	WOLF HOLLOW 2 CTG 4	18INR0076	WHCCS2_CT4	HOOD	GAS	NORTH	2017	327.8
340	WOLF HOLLOW 2 CTG 5	18INR0076	WHCCS2_CT5	HOOD	GAS	NORTH	2017	329.3
341	WOLF HOLLOW 2 STG 6	18INR0076	WHCCS2_STG6	HOOD	GAS	NORTH	2017	458.3
342	WOLF HOLLOW POWER CTG 1		WHCCS_CT1	HOOD	GAS	NORTH	2002	212.5
343	WOLF HOLLOW POWER CTG 2		WHCCS_CT2	HOOD	GAS	NORTH	2002	212.5
344	WOLF HOLLOW POWER STG		WHCCS_STG	HOOD	GAS	NORTH	2002	280.0
345	NACOGDOCHES POWER		NACPW_UNIT1	NACOGDOCHES	BIOMASS	NORTH	2012	105.0
346	BIOENERGY AUSTIN WALZEM RD LFG		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
347	BIOENERGY TEXAS COVEL GARDENS LFG		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
348	FARMERS BRANCH LANDFILL GAS TO ENERGY		DG_HBR_2UNITS	DENTON	BIOMASS	NORTH	2011	3.2
349	GRAND PRAIRIE LFG		DG_TRIRA_1UNIT	DALLAS	BIOMASS	NORTH	2015	4.0
350	NELSON GARDENS LFG		DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2
351	SKYLINE LFG		DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
352	WM RENEWABLE-AUSTIN LFG		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
353	WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
354	WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
355	WM RENEWABLE-MESQUITE CREEK LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
356	WM RENEWABLE-WESTSIDE LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
357	**Operational Capacity Total (Nuclear, Coal, Gas, Biomass)**							**64,755.2**
358								
359	**Operational Resources (Hydro)**							
360	AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9
361	AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
362	AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
363	AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
364	BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
365	BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
366	BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
367	DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
368	DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
369	EAGLE PASS HYDRO		EAGLE_HY_EAGLE_HY1	MAVERICK	HYDRO	SOUTH	2005	9.6
370	FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
371	FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
372	FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
373	GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
374	GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
375	GUADALUPE BLANCO RIVER AUTH-CANYON		CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0
376	INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
377	MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
378	MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
379	MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0
380	MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
381	MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	36.0
382	WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	22.0
383	WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	22.0
384	**Operational Capacity Total (Hydro)**							**538.4**
385	Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					457.5
386								
387	**Operational Hydro Resources, Settlement Only Distributed Generators (SODGs)**							
388	ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
389	GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
390	GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
391	GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
392	LEWISVILLE HYDRO-CITY OF GARLAND		DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
393	**Operational Hydro Resources Total, Settlement Only Distributed Generators (SODGs)**							**19.7**
394	Hydro SODG Capacity Contribution (Highest 20 Peak Load Hours)							16.7
395								
396	Operational Capacity Unavailable due to Extended Outage or Derate		OPERATION_UNAVAIL					(5.1)
397	Operational Capacity Total (Including Hydro)		OPERATION_TOTAL					65,224.3
398								
399	**Operational Resources (Switchable)**							
400	ANTELOPE IC 1		AEEC_ANTLP_1	HALE	GAS	PANHANDLE	2016	54.0
401	ANTELOPE IC 2		AEEC_ANTLP_2	HALE	GAS	PANHANDLE	2016	54.0
402	ANTELOPE IC 3		AEEC_ANTLP_3	HALE	GAS	PANHANDLE	2016	54.0
403	ELK STATION CTG 1		AEEC_ELK_1	HALE	GAS	PANHANDLE	2016	190.0
404	ELK STATION CTG 2		AEEC_ELK_2	HALE	GAS	PANHANDLE	2016	190.0
405	TENASKA FRONTIER STATION CTG 1		FTR_FTR_G1	GRIMES	GAS	NORTH	2000	160.0
406	TENASKA FRONTIER STATION CTG 2		FTR_FTR_G2	GRIMES	GAS	NORTH	2000	160.0
407	TENASKA FRONTIER STATION CTG 3		FTR_FTR_G3	GRIMES	GAS	NORTH	2000	160.0
408	TENASKA FRONTIER STATION STG 4		FTR_FTR_G4	GRIMES	GAS	NORTH	2000	400.0
409	TENASKA GATEWAY STATION CTG 1		TGCCS_CT1	RUSK	GAS	NORTH	2001	156.0
410	TENASKA GATEWAY STATION CTG 2		TGCCS_CT2	RUSK	GAS	NORTH	2001	135.0
411	TENASKA GATEWAY STATION CTG 3		TGCCS_CT3	RUSK	GAS	NORTH	2001	153.0
412	TENASKA GATEWAY STATION STG 4		TGCCS_UNIT4	RUSK	GAS	NORTH	2001	402.0
413	TENASKA KIAMICHI STATION 1CT101		KMCHI_1CT101	FANNIN	GAS	NORTH	2003	151.0
414	TENASKA KIAMICHI STATION 1CT201		KMCHI_1CT201	FANNIN	GAS	NORTH	2003	148.0
415	TENASKA KIAMICHI STATION 1ST		KMCHI_1ST	FANNIN	GAS	NORTH	2003	310.0
416	TENASKA KIAMICHI STATION 2CT101		KMCHI_2CT101	FANNIN	GAS	NORTH	2003	150.0
417	TENASKA KIAMICHI STATION 2CT201		KMCHI_2CT201	FANNIN	GAS	NORTH	2003	152.0
418	TENASKA KIAMICHI STATION 2ST		KMCHI_2ST	FANNIN	GAS	NORTH	2003	311.0
419	**Switchable Capacity Total**							**3,490.0**
420								
421	**Switchable Capacity Unavailable to ERCOT**							
422	ANTELOPE IC 1		AEEC_ANTLP_1_UNAVAIL	HALE	GAS	PANHANDLE	2017	(54.0)
423	ANTELOPE IC 2		AEEC_ANTLP_2_UNAVAIL	HALE	GAS	PANHANDLE	2017	-
424	ANTELOPE IC 3		AEEC_ANTLP_3_UNAVAIL	HALE	GAS	PANHANDLE	2017	-
425	ELK STATION CTG 1		AEEC_ELK_1_UNAVAIL	HALE	GAS	PANHANDLE	2017	(190.0)
426	ELK STATION CTG 2		AEEC_ELK_2_UNAVAIL	HALE	GAS	PANHANDLE	2017	(190.0)
427	TENASKA FRONTIER STATION		FTR_FTR_UNAVAIL	GRIMES	GAS	NORTH	2016	(300.0)
428	Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL					**(734.0)**
429								
430	Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL					483.0
431								
432	Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			3,134.5
433	Private-Use Network Forecast Adjustment (per Protocol 10.3.2.4)		PUN_CAP_ADJUST		GAS			41.0
434								
435	**Operational Resources (Wind)**							
436	BAFFIN WIND UNIT1		BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0
437	BAFFIN WIND UNIT2		BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0
438	BRUENNING'S BREEZE A		BBREEZE_UNIT1	WILLACY	WIND-C	COASTAL	2017	120.0
439	BRUENNING'S BREEZE B		BBREEZE_UNIT2	WILLACY	WIND-C	COASTAL	2017	108.0
440	CAMERON COUNTY WIND		CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0
441	CHAPMAN RANCH WIND IA (SANTA CRUZ)		SANTACRU_UNIT1	NUECES	WIND-C	COASTAL	2017	150.6
442	CHAPMAN RANCH WIND IB (SANTA CRUZ)		SANTACRU_UNIT2	NUECES	WIND-C	COASTAL	2017	98.4
443	GULF WIND I		TGW_T1	KENEDY	WIND-C	COASTAL	2009	141.6
444	GULF WIND II		TGW_T2	KENEDY	WIND-C	COASTAL	2009	141.6
445	KARANKAWA WIND 1A		KARAKAW1_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	103.3
446	KARANKAWA WIND 1B		KARAKAW1_UNIT2	SAN PATRICIO	WIND-C	COASTAL	2019	103.3
447	KARANKAWA WIND 2		KARAKAW2_UNIT3	SAN PATRICIO	WIND-C	COASTAL	2019	100.4
448	LOS VIENTOS WIND I		LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1
449	LOS VIENTOS WIND II		LV1_LV1B	WILLACY	WIND-C	COASTAL	2013	201.6
450	MAGIC VALLEY WIND (REDFISH) 1A		REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8
451	MAGIC VALLEY WIND (REDFISH) 1B		REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5
452	MIDWAY WIND		MIDWIND_UNIT1	SAN PATRICIO	WIND-C	COASTAL	2019	162.8
453	PAPALOTE CREEK WIND		PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9
454	PAPALOTE CREEK WIND II		COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1
455	PENASCAL WIND 1		PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8
456	PENASCAL WIND 2		PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6
457	PENASCAL WIND 3		PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8
458	SAN ROMAN WIND		SANROMAN_WIND_1	CAMERON	WIND-C	COASTAL	2017	95.2
459	STELLA WIND		STELLA_UNIT1	KENEDY	WIND-C	COASTAL	2018	201.0
460	HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0
461	BRISCOE WIND		BRISCOE_WIND	BRISCOE	WIND-P	PANHANDLE	2015	149.8
462	CANADIAN BREAKS WIND		CN_BRKS_UNIT_1	OLDHAM	WIND-P	PANHANDLE	2019	210.1
463	COTTON PLAINS WIND		COTPLNS_COTTONPL	FLOYD	WIND-P	PANHANDLE	2017	50.4
464	DOUG COLBECK'S CORNER (CONWAY) B		GRANDVW1_COLB	CARSON	WIND-P	PANHANDLE	2016	100.2
465	DOUG COLBECK'S CORNER (CONWAY) A		GRANDVW1_COLA	CARSON	WIND-P	PANHANDLE	2016	100.2
466	FALVEZ ASTRA WIND		ASTRA_UNIT1	RANDALL	WIND-P	PANHANDLE	2017	163.2
467	GRANDVIEW WIND 1 (CONWAY) GV1A		GRANDVW1_GV1A	CARSON	WIND-P	PANHANDLE	2014	107.4
468	GRANDVIEW WIND 1 (CONWAY) GV1B		GRANDVW1_GV1B	CARSON	WIND-P	PANHANDLE	2014	103.8
469	HEREFORD WIND G		HRFDWIND_WIND_G	DEAF SMITH	WIND-P	PANHANDLE	2015	99.9
470	HEREFORD WIND V		HRFDWIND_WIND_V	DEAF SMITH	WIND-P	PANHANDLE	2015	100.0
471	JUMBO ROAD WIND 1		HRFDWIND_JRDWIND1	DEAF SMITH	WIND-P	PANHANDLE	2015	146.2
472	JUMBO ROAD WIND 2		HRFDWIND_JRDWIND2	DEAF SMITH	WIND-P	PANHANDLE	2015	153.6

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
473	LONGHORN WIND NORTH U1		LHORN_N_UNIT1	FLOYD	WIND-P	PANHANDLE	2015	100.0
474	LONGHORN WIND NORTH U2		LHORN_N_UNIT2	FLOYD	WIND-P	PANHANDLE	2015	100.0
475	MARIAH DEL NORTE 1		MARIAH_NORTE1	PARMER	WIND-P	PANHANDLE	2017	115.2
476	MARIAH DEL NORTE 2		MARIAH_NORTE2	PARMER	WIND-P	PANHANDLE	2017	115.2
477	MCADOO WIND		MWEC_G1	DICKENS	WIND-P	PANHANDLE	2008	150.0
478	MIAMI WIND G1		MIAM1_G1	GRAY	WIND-P	PANHANDLE	2014	144.3
479	MIAMI WIND G2		MIAM1_G2	GRAY	WIND-P	PANHANDLE	2014	144.3
480	OLD SETTLER WIND		COTPLNS_OLDSETLR	FLOYD	WIND-P	PANHANDLE	2017	151.2
481	PANHANDLE WIND 1 U1		PH1_UNIT1	CARSON	WIND-P	PANHANDLE	2014	109.2
482	PANHANDLE WIND 1 U2		PH1_UNIT2	CARSON	WIND-P	PANHANDLE	2014	109.2
483	PANHANDLE WIND 2 U1		PH2_UNIT1	CARSON	WIND-P	PANHANDLE	2014	94.2
484	PANHANDLE WIND 2 U2		PH2_UNIT2	CARSON	WIND-P	PANHANDLE	2014	96.6
485	ROUTE 66 WIND		ROUTE_66_WIND1	CARSON	WIND-P	PANHANDLE	2015	150.0
486	SALT FORK 1 WIND U1		SALTFORK_UNIT1	DONLEY	WIND-P	PANHANDLE	2017	64.0
487	SALT FORK 1 WIND U2		SALTFORK_UNIT2	DONLEY	WIND-P	PANHANDLE	2017	110.0
488	SOUTH PLAINS WIND 1 U1		SPLAIN1_WIND1	FLOYD	WIND-P	PANHANDLE	2015	102.0
489	SOUTH PLAINS WIND 1 U2		SPLAIN1_WIND2	FLOYD	WIND-P	PANHANDLE	2015	98.0
490	SOUTH PLAINS WIND 2 U1		SPLAIN2_WIND21	FLOYD	WIND-P	PANHANDLE	2016	148.5
491	SOUTH PLAINS WIND 2 U2		SPLAIN2_WIND22	FLOYD	WIND-P	PANHANDLE	2016	151.8
492	SPINNING SPUR WIND TWO A		SSPURTWO_WIND_1	OLDHAM	WIND-P	PANHANDLE	2014	161.0
493	SPINNING SPUR WIND TWO B		SSPURTWO_SS3WIND2	OLDHAM	WIND-P	PANHANDLE	2015	98.0
494	SPINNING SPUR WIND TWO C		SSPURTWO_SS3WIND1	OLDHAM	WIND-P	PANHANDLE	2015	96.0
495	WAKE WIND 1		WAKEWE_G1	DICKENS	WIND-P	PANHANDLE	2016	114.9
496	WAKE WIND 2		WAKEWE_G2	DICKENS	WIND-P	PANHANDLE	2016	142.3
497	WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND-P	PANHANDLE	2007	57.0
498	WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND-P	PANHANDLE	2007	1.0
499	ANACACHO WIND		ANACACHO_ANA	KINNEY	WIND-O	SOUTH	2012	99.8
500	BARTON CHAPEL WIND		BRTSW_BCW1	JACK	WIND-O	NORTH	2007	120.0
501	BLUE SUMMIT WIND 1 A	18INR0072	BLSUMMIT_BLSMT1_5	WILBARGER	WIND-O	WEST	2013	8.8
502	BLUE SUMMIT WIND 1 B	18INR0072	BLSUMMIT_BLSMT1_6	WILBARGER	WIND-O	WEST	2013	124.3
503	BLUE SUMMIT WIND 2 A		BLSUMMIT_UNIT2_25	WILBARGER	WIND-O	WEST	2020	89.7
504	BLUE SUMMIT WIND 2 B		BLSUMMIT_UNIT2_17	WILBARGER	WIND-O	WEST	2020	6.7
505	BOBCAT BLUFF WIND		BCATWIND_WIND_1	ARCHER	WIND-O	WEST	2012	162.0
506	BUCKTHORN WIND 1 A		BUCKTHRN_UNIT1	ERATH	WIND-O	NORTH	2017	44.9
507	BUCKTHORN WIND 1 B		BUCKTHRN_UNIT2	ERATH	WIND-O	NORTH	2017	55.7
508	BUFFALO GAP WIND 1		BUFF_GAP_UNIT1	TAYLOR	WIND-O	WEST	2006	120.6
509	BUFFALO GAP WIND 2_1		BUFF_GAP_UNIT2_1	TAYLOR	WIND-O	WEST	2007	115.5
510	BUFFALO GAP WIND 2_2		BUFF_GAP_UNIT2_2	TAYLOR	WIND-O	WEST	2007	117.0
511	BUFFALO GAP WIND 3		BUFF_GAP_UNIT3	TAYLOR	WIND-O	WEST	2008	170.2
512	BULL CREEK WIND U1		BULLCRK_WND1	BORDEN	WIND-O	WEST	2009	88.0
513	BULL CREEK WIND U2		BULLCRK_WND2	BORDEN	WIND-O	WEST	2009	90.0
514	CABEZON WIND (RIO BRAVO I WIND) 1 A		CABEZON_WIND1	STARR	WIND-O	SOUTH	2019	115.2
515	CABEZON WIND (RIO BRAVO I WIND) 1 B		CABEZON_WIND2	STARR	WIND-O	SOUTH	2019	122.4
516	CALLAHAN WIND		CALLAHAN_WND1	CALLAHAN	WIND-O	WEST	2004	114.0
517	CAMP SPRINGS WIND 1		CSEC_CSECG1	SCURRY	WIND-O	WEST	2007	130.5
518	CAMP SPRINGS WIND 2		CSEC_CSECG2	SCURRY	WIND-O	WEST	2007	120.0
519	CAPRICORN RIDGE WIND 1	17INR0054	CAPRIDGE_CR1	STERLING	WIND-O	WEST	2007	214.5
520	CAPRICORN RIDGE WIND 2	17INR0054	CAPRIDGE_CR2	STERLING	WIND-O	WEST	2007	149.5
521	CAPRICORN RIDGE WIND 3	17INR0054	CAPRIDGE_CR3	STERLING	WIND-O	WEST	2008	186.0
522	CAPRICORN RIDGE WIND 4	17INR0061	CAPRIDG4_CR4	COKE	WIND-O	WEST	2008	121.5
523	CEDRO HILL WIND 1		CEDROHIL_CHW1	WEBB	WIND-O	SOUTH	2010	75.0
524	CEDRO HILL WIND 2		CEDROHIL_CHW2	WEBB	WIND-O	SOUTH	2010	75.0
525	CHAMPION WIND		CHAMPION_UNIT1	NOLAN	WIND-O	WEST	2008	126.5
526	DERMOTT WIND 1_1		DERMOTT_UNIT1	SCURRY	WIND-O	WEST	2017	126.5
527	DERMOTT WIND 1_2		DERMOTT_UNIT2	SCURRY	WIND-O	WEST	2017	126.5
528	DESERT SKY WIND 1	17INR0070	INDNENR_INDNENR	PECOS	WIND-O	WEST	2002	85.1
529	DESERT SKY WIND 2	17INR0070	INDNENR_INDNENR_2	PECOS	WIND-O	WEST	2002	85.1
530	ELBOW CREEK WIND		ELB_ELBCREEK	HOWARD	WIND-O	WEST	2008	118.7
531	ELECTRA WIND 1		DIGBY_UNIT1	WILBARGER	WIND-O	WEST	2017	98.9
532	ELECTRA WIND 2		DIGBY_UNIT2	WILBARGER	WIND-O	WEST	2017	131.1
533	FLAT TOP WIND I		FTWIND_UNIT_1	MILLS	WIND-O	NORTH	2018	200.0
534	FLUVANNA RENEWABLE 1 A		FLUVANNA_UNIT1	SCURRY	WIND-O	WEST	2017	79.8
535	FLUVANNA RENEWABLE 1 B		FLUVANNA_UNIT2	SCURRY	WIND-O	WEST	2017	75.6
536	FOARD CITY WIND 1 A		FOARDCTY_UNIT1	FOARD	WIND-O	WEST	2019	186.5
537	FOARD CITY WIND 1 B		FOARDCTY_UNIT2	FOARD	WIND-O	WEST	2019	163.8
538	FOREST CREEK WIND		MCDLD_FCW1	GLASSCOCK	WIND-O	WEST	2007	124.2
539	GOAT WIND		GOAT_GOATWIND	STERLING	WIND-O	WEST	2008	80.0
540	GOAT WIND 2		GOAT_GOATWIN2	STERLING	WIND-O	WEST	2010	69.6
541	GOLDTHWAITE WIND 1		GWEC_GWEC_G1	MILLS	WIND-O	NORTH	2014	148.6
542	GOPHER CREEK WIND 1		GOPHER_UNIT1	BORDEN	WIND-O	WEST	2020	82.0
543	GOPHER CREEK WIND 2		GOPHER_UNIT2	BORDEN	WIND-O	WEST	2020	76.0
544	GREEN MOUNTAIN WIND (BRAZOS) U1		BRAZ_WND_WND1	SCURRY	WIND-O	WEST	2003	99.0
545	GREEN MOUNTAIN WIND (BRAZOS) U2		BRAZ_WND_WND2	SCURRY	WIND-O	WEST	2003	61.0
546	GREEN PASTURES WIND I		GPASTURE_WIND_I	BAYLOR	WIND-O	WEST	2015	150.0
547	VERTIGO WIND (FORMERLY GREEN PASTURES WIND 2)		VERTIGO_WIND_I	BAYLOR	WIND-O	WEST	2015	150.0
548	GUNSIGHT MOUNTAIN WIND		GUNMTN_G1	HOWARD	WIND-O	WEST	2016	119.9
549	HACKBERRY WIND		HWF_HWFG1	SHACKELFORD	WIND-O	WEST	2008	163.5
550	HICKMAN (SANTA RITA WIND) 1		HICKMAN_G1	REGAN AND IRIO	WIND-O	WEST	2018	152.5
551	HICKMAN (SANTA RITA WIND) 2		HICKMAN_G2	REGAN AND IRIO	WIND-O	WEST	2018	147.5
552	HIDALGO & STARR WIND 11		MIRASOLE_MIR11	HIDALGO	WIND-O	SOUTH	2016	52.0
553	HIDALGO & STARR WIND 12		MIRASOLE_MIR12	HIDALGO	WIND-O	SOUTH	2016	98.0
554	HIDALGO & STARR WIND 21		MIRASOLE_MIR21	HIDALGO	WIND-O	SOUTH	2016	100.0
555	HORSE CREEK WIND 1		HORSECRK_UNIT1	HASKELL	WIND-O	WEST	2017	131.1
556	HORSE CREEK WIND 2		HORSECRK_UNIT2	HASKELL	WIND-O	WEST	2017	98.9
557	HORSE HOLLOW WIND 1	17INR0052	H_HOLLOW_WND1	TAYLOR	WIND-O	WEST	2005	230.0
558	HORSE HOLLOW WIND 2	17INR0052	HHOLLOW2_WIND1	TAYLOR	WIND-O	WEST	2006	184.0
559	HORSE HOLLOW WIND 3	17INR0052	HHOLLOW3_WND_1	TAYLOR	WIND-O	WEST	2006	241.4
560	HORSE HOLLOW WIND 4	17INR0052	HHOLLOW4_WND1	TAYLOR	WIND-O	WEST	2006	115.0
561	INADALE WIND 1		INDL_INADALE1	NOLAN	WIND-O	WEST	2008	95.0
562	INADALE WIND 2		INDL_INADALE2	NOLAN	WIND-O	WEST	2008	102.0
563	INDIAN MESA WIND		INDNNWP_INDNNWP2	PECOS	WIND-O	WEST	2001	91.9
564	JAVELINA I WIND 18		BORDAS_JAVEL18	WEBB	WIND-O	SOUTH	2015	19.7
565	JAVELINA I WIND 20		BORDAS_JAVEL20	WEBB	WIND-O	SOUTH	2015	230.0
566	JAVELINA II WIND 1		BORDAS2_JAVEL2_A	WEBB	WIND-O	SOUTH	2017	96.0
567	JAVELINA II WIND 2		BORDAS2_JAVEL2_B	WEBB	WIND-O	SOUTH	2017	74.0
568	JAVELINA II WIND 3		BORDAS2_JAVEL2_C	WEBB	WIND-O	SOUTH	2017	30.0
569	KEECHI WIND		KEECHI_U1	JACK	WIND-O	NORTH	2015	110.0
570	KING MOUNTAIN WIND (NE)		KING_NE_KINGNE	UPTON	WIND-O	WEST	2001	79.7
571	KING MOUNTAIN WIND (NW)		KING_NW_KINGNW	UPTON	WIND-O	WEST	2001	79.7
572	KING MOUNTAIN WIND (SE)		KING_SE_KINGSE	UPTON	WIND-O	WEST	2001	40.5
573	KING MOUNTAIN WIND (SW)		KING_SW_KINGSW	UPTON	WIND-O	WEST	2001	79.7
574	LANGFORD WIND POWER		LGD_LANGFORD	TOM GREEN	WIND-O	WEST	2009	155.0
575	LOCKETT WIND FARM		LOCKETT_UNIT1	WILBARGER	WIND-O	WEST	2019	183.7
576	LOGANS GAP WIND I U1		LGW_UNIT1	COMANCHE	WIND-O	NORTH	2015	106.3
577	LOGANS GAP WIND I U2		LGW_UNIT2	COMANCHE	WIND-O	NORTH	2015	103.8
578	LONE STAR WIND 1 (MESQUITE)		LNCRK_G83	SHACKELFORD	WIND-O	WEST	2006	194.0
579	LONE STAR WIND 2 (POST OAK) U1		LNCRK2_G871	SHACKELFORD	WIND-O	WEST	2007	98.0
580	LONE STAR WIND 2 (POST OAK) U2		LNCRK2_G872	SHACKELFORD	WIND-O	WEST	2007	100.0
581	LORAINE WINDPARK I		LONEWOLF_G1	MITCHELL	WIND-O	WEST	2010	49.5
582	LORAINE WINDPARK II		LONEWOLF_G2	MITCHELL	WIND-O	WEST	2010	51.0
583	LORAINE WINDPARK III		LONEWOLF_G3	MITCHELL	WIND-O	WEST	2011	25.5
584	LORAINE WINDPARK IV		LONEWOLF_G4	MITCHELL	WIND-O	WEST	2011	24.0
585	LOS VIENTOS III WIND		LV3_UNIT_1	STARR	WIND-O	SOUTH	2015	200.0
586	LOS VIENTOS IV WIND		LV4_UNIT_1	STARR	WIND-O	SOUTH	2016	200.0
587	LOS VIENTOS V WIND		LV5_UNIT_1	STARR	WIND-O	SOUTH	2016	110.0
588	MESQUITE CREEK WIND 1		MESQCRK_WND1	DAWSON	WIND-O	WEST	2015	105.6
589	MESQUITE CREEK WIND 2		MESQCRK_WND2	DAWSON	WIND-O	WEST	2015	105.6
590	NIELS BOHR WIND A (BEARKAT WIND A)		NBOHR_UNIT1	GLASSCOCK	WIND-O	WEST	2018	196.6

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
591	NOTREES WIND 1		NWF_NWF1	WINKLER	WIND-O	WEST	2009	92.6
592	NOTREES WIND 2		NWF_NWF2	WINKLER	WIND-O	WEST	2009	60.0
593	OCOTILLO WIND		OWF_OWF	HOWARD	WIND-O	WEST	2008	58.8
594	PANTHER CREEK WIND 1		PC_NORTH_PANTHER1	HOWARD	WIND-O	WEST	2008	142.5
595	PANTHER CREEK WIND 2		PC_SOUTH_PANTHER2	HOWARD	WIND-O	WEST	2019	115.5
596	PANTHER CREEK WIND 3	21INR0449	PC_SOUTH_PANTHER3	HOWARD	WIND-O	WEST	2009	199.5
597	PECOS WIND 1 (WOODWARD)		WOODWRD1_WOODWRD1	PECOS	WIND-O	WEST	2001	91.9
598	PECOS WIND 2 (WOODWARD)		WOODWRD2_WOODWRD2	PECOS	WIND-O	WEST	2001	86.0
599	PYRON WIND 1		PYR_PYRON1	SCURRY	WIND-O	WEST	2008	121.5
600	PYRON WIND 2		PYR_PYRON2	SCURRY AND FIS	WIND-O	WEST	2008	127.5
601	RANCHERO WIND		RANCHERO_UNIT1	CROCKETT	WIND-O	WEST	2020	150.0
602	RANCHERO WIND		RANCHERO_UNIT2	CROCKETT	WIND-O	WEST	2020	150.0
603	RATTLESNAKE I WIND ENERGY CENTER G1		RSNAKE_G1	GLASSCOCK	WIND-O	WEST	2015	104.3
604	RATTLESNAKE I WIND ENERGY CENTER G2		RSNAKE_G2	GLASSCOCK	WIND-O	WEST	2015	103.0
605	RED CANYON WIND		RDCANYON_RDCNY1	BORDEN	WIND-O	WEST	2006	89.6
606	ROCK SPRINGS VAL VERDE WIND (FERMI) 1		FERMI_WIND1	VAL VERDE	WIND-O	WEST	2017	121.9
607	ROCK SPRINGS VAL VERDE WIND (FERMI) 2		FERMI_WIND2	VAL VERDE	WIND-O	WEST	2017	27.4
608	ROSCOE WIND		TKWSW1_ROSCOE	NOLAN	WIND-O	WEST	2008	114.0
609	ROSCOE WIND 2A		TKWSW1_ROSCOE2A	NOLAN	WIND-O	WEST	2008	95.0
610	RTS WIND		RTS_U1	MCCULLOCH	WIND-O	SOUTH	2018	160.0
611	SAND BLUFF WIND	20INR0296	MCDLD_SBW1	GLASSCOCK	WIND-O	WEST	2008	90.0
612	SENDERO WIND ENERGY		EXGNSND_WIND_1	JIM HOGG	WIND-O	SOUTH	2015	76.0
613	SEYMOUR HILLS WIND (S_HILLS WIND)		S_HILLS_UNIT1	BAYLOR	WIND-O	WEST	2019	30.2
614	SENATE WIND		SENATEWD_UNIT1	JACK	WIND-O	NORTH	2012	150.0
615	SHANNON WIND		SHANNONW_UNIT_1	CLAY	WIND-O	WEST	2015	204.1
616	SHERBINO 1 WIND	19INR0120	KEO_KEO_SM1	PECOS	WIND-O	WEST	2008	150.0
617	SHERBINO 2 WIND	19INR0120	KEO_SHRBINO2	PECOS	WIND-O	WEST	2011	145.0
618	SILVER STAR WIND	18INR0064	FLTCK_SSI	ERATH	WIND-O	NORTH	2008	52.8
619	SNYDER WIND	20INR0257	ENAS_ENA1	SCURRY	WIND-O	WEST	2007	63.0
620	SOUTH TRENT WIND		STWF_T1	NOLAN	WIND-O	WEST	2008	98.2
621	STANTON WIND ENERGY		SWEC_G1	MARTIN	WIND-O	WEST	2008	120.0
622	STEPHENS RANCH WIND 1		SRWE1_UNIT1	BORDEN	WIND-O	WEST	2014	211.2
623	STEPHENS RANCH WIND 2		SRWE1_SRWE2	BORDEN	WIND-O	WEST	2015	164.7
624	SWEETWATER WIND 1	18INR0073	SWEETWND_WND1	NOLAN	WIND-O	WEST	2003	42.5
625	SWEETWATER WIND 2A	17INR0068	SWEETWN2_WND24	NOLAN	WIND-O	WEST	2006	16.8
626	SWEETWATER WIND 2B	17INR0068	SWEETWN2_WND2	NOLAN	WIND-O	WEST	2004	110.8
627	SWEETWATER WIND 3A		SWEETWN3_WND3A	NOLAN	WIND-O	WEST	2011	33.6
628	SWEETWATER WIND 3B		SWEETWN3_WND3B	NOLAN	WIND-O	WEST	2011	118.6
629	SWEETWATER WIND 4-5		SWEETWN4_WND5	NOLAN	WIND-O	WEST	2007	85.0
630	SWEETWATER WIND 4-4B		SWEETWN4_WND4B	NOLAN	WIND-O	WEST	2007	112.0
631	SWEETWATER WIND 4-4A		SWEETWN4_WND4A	NOLAN	WIND-O	WEST	2007	125.0
632	TAHOKA WIND 1		TAHOKA_UNIT_1	LYNN	WIND-O	WEST	2019	150.0
633	TAHOKA WIND 2		TAHOKA_UNIT_2	LYNN	WIND-O	WEST	2019	150.0
634	TEXAS BIG SPRING WIND A		SGMTN_SIGNALMT	HOWARD	WIND-O	WEST	1999	27.7
635	TEXAS BIG SPRING WIND B		SGMTN_SIGNALM2	HOWARD	WIND-O	WEST	1999	6.6
636	TORRECILLAS WIND 1		TORR_UNIT1_25	WEBB	WIND-O	SOUTH	2019	150.0
637	TORRECILLAS WIND 2		TORR_UNIT2_23	WEBB	WIND-O	SOUTH	2019	23.0
638	TORRECILLAS WIND 3		TORR_UNIT2_25	WEBB	WIND-O	SOUTH	2019	127.5
639	TRENT WIND	17INR0069	TRENT_TRENT	NOLAN	WIND-O	WEST	2001	150.0
640	TRINITY HILLS WIND 1	20INR0019	TRINITY_TH1_BUS1	ARCHER	WIND-O	WEST	2012	103.4
641	TRINITY HILLS WIND 2	20INR0019	TRINITY_TH1_BUS2	ARCHER	WIND-O	WEST	2012	94.6
642	TURKEY TRACK WIND		TTWEC_G1	NOLAN	WIND-O	WEST	2008	169.5
643	TYLER BLUFF WIND		TYLRWIND_UNIT1	COOKE	WIND-O	NORTH	2017	125.6
644	WHITETAIL WIND		EXGNWTL_WIND_1	WEBB	WIND-O	SOUTH	2012	92.3
645	WINDTHORST 2 WIND		WNDTHST2_UNIT1	ARCHER	WIND-O	WEST	2014	67.6
646	WKN MOZART WIND		MOZART_WIND_1	KENT	WIND-O	WEST	2012	30.0
647	WILLOW SPRINGS WIND A		SALVTION_UNIT1	HASKELL	WIND-O	WEST	2017	125.0
648	WILLOW SPRINGS WIND B		SALVTION_UNIT2	HASKELL	WIND-O	WEST	2017	125.0
649	WILSON RANCH (INFINITY LIVE OAK WIND)		WL_RANCH_UNIT1	SCHLEICHER	WIND-O	WEST	2020	199.5
650	WOLF RIDGE WIND		WHTTAIL_WR1	COOKE	WIND-O	NORTH	2008	112.5
651	TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND-O	WEST	2008	2.0
652	**Operational Capacity Total (Wind)**							**24,593.3**
653								
654	Operational Wind Capacity Sub-total (Coastal Counties)		WIND_OPERATIONAL_C					3,290.4
655	Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				63.0
656								
657	Operational Wind Capacity Sub-total (Panhandle Counties)		WIND_OPERATIONAL_P					4,408.7
658	Wind Peak Average Capacity Percentage (Panhandle)		WIND_PEAK_PCT_P					29.0
659								
660	Operational Wind Capacity Sub-total (Other Counties)		WIND_OPERATIONAL_O					16,894.2
661	Wind Peak Average Capacity Percentage (Other)		WIND_PEAK_PCT_O					16.0
662								
663	**Operational Resources (Solar)**							
664	ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
665	BHE SOLAR PEARL PROJECT (SIRIUS 2)		SIRIUS_UNIT2	PECOS	SOLAR	WEST	2017	49.1
666	BLUEBELL SOLAR (CAPRICORN RIDGE SOLAR)		CAPRIDG4_BB_PV	STERLING	SOLAR	WEST	2019	30.0
667	BNB LAMESA SOLAR (PHASE I)		LMESASLR_UNIT1	DAWSON	SOLAR	WEST	2018	101.6
668	BNB LAMESA SOLAR (PHASE II)		LMESASLR_IVORY	DAWSON	SOLAR	WEST	2018	50.0
669	CASTLE GAP SOLAR		CASL_GAP_UNIT1	UPTON	SOLAR	WEST	2018	180.0
670	FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2015	22.0
671	FS EAST PECOS SOLAR		BOOTLEG_UNIT1	PECOS	SOLAR	WEST	2017	121.1
672	OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
673	OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
674	OCI ALAMO 5 (DOWNIE RANCH)		HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	2015	95.0
675	OCI ALAMO 6 (SIRIUS/WEST TEXAS)		SIRIUS_UNIT1	PECOS	SOLAR	WEST	2017	110.2
676	OCI ALAMO 7 (PAINT CREEK)		SOLARA_UNIT1	HASKELL	SOLAR	WEST	2016	112.0
677	PHOEBE SOLAR 1		PHOEBE_UNIT1	WINKLER	SOLAR	WEST	2019	125.1
678	PHOEBE SOLAR 2		PHOEBE_UNIT2	WINKLER	SOLAR	WEST	2019	128.1
679	QUEEN SOLAR PHASE I		QUEEN_SL_SOLAR1	UPTON	SOLAR	WEST	2020	102.5
680	QUEEN SOLAR PHASE I		QUEEN_SL_SOLAR2	UPTON	SOLAR	WEST	2020	102.5
681	RE ROSEROCK SOLAR 1		REROCK_UNIT1	PECOS	SOLAR	WEST	2016	78.8
682	RE ROSEROCK SOLAR 2		REROCK_UNIT2	PECOS	SOLAR	WEST	2016	78.8
683	RIGGINS (SE BUCKTHORN WESTEX SOLAR)		RIGGINS_UNIT1	PECOS	SOLAR	WEST	2018	150.0
684	SOLAIREHOLMAN 1		LASSO_UNIT1	BREWSTER	SOLAR	WEST	2018	50.0
685	SP-TX-12-PHASE B		SPTX12B_UNIT1	UPTON	SOLAR	WEST	2017	157.5
686	WAYMARK SOLAR		WAYMARK_UNIT1	UPTON	SOLAR	WEST	2018	182.0
687	WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
688	WEST OF PECOS SOLAR		W_PECOS_UNIT1	REEVES	SOLAR	WEST	2019	101.0
689	ALEXIS SOLAR		DG_ALEXIS_ALEXIS	BROOKS	SOLAR	SOUTH	2019	10.0
690	BECK 1		DG_CECSOLAR_DG_BECK1	BEXAR	SOLAR	SOUTH	2016	1.0
691	BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
692	BLUE WING 2 SOLAR		DG_ELMEN_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
693	BOVINE SOLAR LLC		DG_BOVINE_BOVINE	AUSTIN	SOLAR	SOUTH	2018	5.0
694	BOVINE SOLAR LLC		DG_BOVINE2_BOVINE2	AUSTIN	SOLAR	SOUTH	2018	5.0
695	BRONSON SOLAR I		DG_BRNSN_BRNSN	FORT BEND	SOLAR	HOUSTON	2018	5.0
696	BRONSON SOLAR II		DG_BRNSN2_BRNSN2	FORT BEND	SOLAR	HOUSTON	2018	5.0
697	CASCADE SOLAR I		DG_CASCADE_CASCADE	WHARTON	SOLAR	SOUTH	2018	5.0
698	CASCADE SOLAR II		DG_CASCADE2_CASCADE2	WHARTON	SOLAR	SOUTH	2018	5.0
699	CHISUM SOLAR		DG_CHISUM_CHISUM	LAMAR	SOLAR	NORTH	2018	10.0
700	COMMERCE_SOLAR		DG_ X443PV1_SWRI_PV1	BEXAR	SOLAR	SOUTH	2019	5.0
701	EDDY SOLAR II		DG_EDDYII_EDDYII	MCLENNAN	SOLAR	NORTH	2018	10.0
702	FIFTH GENERATION SOLAR 1		DG_FIFTHGS1_FGSOLAR1	TRAVIS	SOLAR	SOUTH	2016	1.6
703	GRIFFIN SOLAR		DG_GRIFFIN_GRIFFIN	MCLEENNAN	SOLAR	NORTH	2019	5.0
704	HIGHWAY 56		DG_HWY56_HWY56	GRAYSON	SOLAR	NORTH	2017	5.3
705	HM SEALY SOLAR 1		DG_SEALY_1UNIT	AUSTIN	SOLAR	SOUTH	2015	1.6
706	LAMPWICK SOLAR		DG_LAMPWICK_LAMPWICK	MENARD	SOLAR	SOUTH	2019	7.5
707	LEON		DG_LEON_LEON	HUNT	SOLAR	NORTH	2017	10.0
708	MARLIN		DG_MARLIN_MARLIN	FALLS	SOLAR	NORTH	2017	5.3

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
709	MARS SOLAR (DG)		DG_MARS_MARS	WEBB	SOLAR	SOUTH	2019	10.0
710	NORTH GAINESVILLE		DG_NGNSVL_NGAINESV	COOKE	SOLAR	NORTH	2017	5.2
711	OCI ALAMO 2 SOLAR-ST. HEDWIG		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4
712	OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
713	POWERFIN KINGSBERY		DG_PFK_PFKPV	TRAVIS	SOLAR	SOUTH	2017	2.6
714	RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSERVSS_CSS1	DENTON	SOLAR	NORTH	2015	2.0
715	STERLING		DG_STRLING_STRLING	HUNT	SOLAR	NORTH	2018	10.0
716	SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
717	SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
718	SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
719	SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
720	WALNUT SPRINGS		DG_WLNTSPRG_1UNIT	BOSQUE	SOLAR	NORTH	2016	10.0
721	WEST MOORE II		DG_WMOOREII_WMOOREII	GRAYSON	SOLAR	NORTH	2018	5.0
722	WHITESBORO		DG_WBORO_WHTSBORO	GRAYSON	SOLAR	NORTH	2017	5.0
723	WHITESBORO II		DG_WBOROII_WHBOROII	GRAYSON	SOLAR	NORTH	2017	5.0
724	WHITEWRIGHT		DG_WHTRT_WHTRGHT	FANNIN	SOLAR	NORTH	2017	10.0
725	WHITNEY SOLAR		DG_WHITNEY_SOLAR1	BOSQUE	SOLAR	NORTH	2017	10.0
726	YELLOW JACKET SOLAR		DG_YLWJACKET_YLWJACKET	BOSQUE	SOLAR	NORTH	2018	5.0
727	**Operational Capacity Total (Solar)**							**2,478.1**
728	Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				76.0
729								
730	**Operational Resources (Storage)**							
731	BLUE SUMMIT BATTERY		BLSUMMIT_BATTERY	WILBARGER	STORAGE	WEST	2017	30.0
732	CASTLE GAP BATTERY		CASL_GAP_BATTERY1	UPTON	STORAGE	WEST	2019	9.9
733	INADALE ESS		INDL_ESS	NOLAN	STORAGE	WEST	2018	9.9
734	NOTREES BATTERY FACILITY		NWF_NBS	WINKLER	STORAGE	WEST	2013	33.7
735	OCI ALAMO 1		OCI_ALM1_ASTRO1	BEXAR	STORAGE	SOUTH	2016	1.0
736	PORT LAVACA BATTERY		PTLBES_BESS1	CALHOUN	STORAGE	SOUTH	2019	9.9
737	PROSPECT STORAGE		WCOLLDG_BSS_U1	BRAZORIA	STORAGE	HOUSTON	2019	9.9
738	PYRON ESS		PYR_ESS	SCURRY	STORAGE	WEST	2018	9.9
739	RABBIT HILL ENERGY STORAGE PROJECT		RHESS2_ESS_1	WILLIAMSON	STORAGE	SOUTH	2020	9.9
740	WORSHAM BATTERY		WRSBES_BESS1	REEVES	STORAGE	WEST	2020	9.9
741	YOUNICOS FACILITY		DG_YOUNICOS_YINC1_1	TRAVIS	STORAGE	SOUTH	2015	2.0
742	KINGSBERY ENERGY STORAGE SYSTEM		DG_KB_ESS_KB_ESS	TRAVIS	STORAGE	SOUTH	2017	1.5
743	MU ENERGY STORAGE SYSTEM		DG_MU_ESS_MU_ESS	TRAVIS	STORAGE	SOUTH	2018	1.5
744	TOS BATTERY STORAGE		DG_TOSBATT_UNIT1	MIDLAND	STORAGE	WEST	2017	2.0
745	**Operational Capacity Total (Storage)**							**141.0**
746	Storage Peak Average Capacity Percentage		STORAGE_PEAK_PCT	%				-
747								
748	Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			-
749								
750	Capacity Pending Retirement		PENDRETIRE_CAP					-
751								
752	**Non-Synchronous Tie Resources**							
753	EAST TIE		DC_E	FANNIN	OTHER	NORTH		600.0
754	NORTH TIE		DC_N	WILBARGER	OTHER	WEST		220.0
755	LAREDO VFT TIE		DC_L	WEBB	OTHER	SOUTH		100.0
756	SHARYLAND RAILROAD TIE		DC_R	HIDALGO	OTHER	SOUTH		300.0
757	**Non-Synchronous Ties Total**							**1,220.0**
758	Non-Synchronous Ties Peak Average Capacity Percentage		DCTIE_PEAK_PCT	%				69.67
759								
760	**Planned Thermal Resources with Executed SGIA, Air Permit, GHG Permit and Proof of Adequate Water Supplies**							
761	FRIENDSWOOD II	19INR0180		BRAZORIA	GAS	COASTAL	2021	-
762	GIBBONS CREEK TEERP	20INR0308		GRIMES	COAL	NORTH	2020	-
763	HUDSON (BRAZORIA ENERGY G)	16INR0076		BRAZORIA	GAS	COASTAL	2020	90.0
764	MIRAGE	17INR0022		HARRIS	GAS	HOUSTON	2020	-
765	PES1	20INR0206		HARRIS	GAS	HOUSTON	2020	-
766	**Planned Capacity Total (Nuclear, Coal, Gas, Biomass)**							**90.0**
767								
768	**Planned Wind Resources with Executed SGIA**							
769	CHALUPA WIND	20INR0042		CAMERON	WIND-C	COASTAL	2020	-
770	CHOCOLATE BAYOU W	16INR0074		BRAZORIA	WIND-C	COASTAL	2021	-
771	CRANEL WIND	19INR0112		REFUGIO	WIND-C	COASTAL	2020	-
772	EAST RAYMOND WIND	18INR0059		WILLACY	WIND-C	COASTAL	2020	-
773	EL ALGODON ALTO W	15INR0034		SAN PATRICIO	WIND-C	COASTAL	2021	-
774	ESPIRITU WIND	17INR0031		CAMERON	WIND-C	COASTAL	2020	-
775	LAS MAJADAS WIND	17INR0035		WILLACY	WIND-C	COASTAL	2020	-
776	MONTE ALTO I	19INR0022		WILLACY	WIND-C	COASTAL	2021	-
777	PALMAS ALTAS WIND	17INR0037		CAMERON	WIND-C	COASTAL	2020	144.9
778	PEYTON CREEK WIND	18INR0018		MATAGORDA	WIND-C	COASTAL	2020	151.2
779	SHAFFER (PATRIOT WIND/PETRONILLA)	11INR0062		NUECES	WIND-C	COASTAL	2020	-
780	WEST RAYMOND (EL TRUENO) WIND	20INR0088		WILLACY	WIND-C	COASTAL	2020	-
781	GOODNIGHT WIND	14INR0033		ARMSTRONG	WIND-P	PANHANDLE	2021	-
782	HART WIND	16INR0033		CASTRO	WIND-P	PANHANDLE	2021	-
783	PUMPKIN FARM WIND	16INR0037c		FLOYD	WIND-P	PANHANDLE	2020	-
784	APOGEE WIND	21INR0467		HASKELL	WIND-O	WEST	2021	-
785	AVIATOR WIND	19INR0156		COKE	WIND-O	WEST	2020	-
786	BAIRD NORTH WIND	20INR0083		CALLAHAN	WIND-O	WEST	2021	-
787	BARROW RANCH (JUMBO HILL WIND)	18INR0038		ANDREWS	WIND-O	WEST	2020	160.0
788	BIG SAMPSON WIND	16INR0104		CROCKETT	WIND-O	WEST	2021	-
789	BLACKJACK CREEK WIND	20INR0068		BEE	WIND-O	SOUTH	2021	-
790	BLUE SUMMIT WIND 3	19INR0182		WILBARGER	WIND-O	WEST	2020	200.0
791	CACTUS FLATS WIND	16INR0086		CONCHO	WIND-O	WEST	2020	148.4
792	CANYON WIND	18INR0030		SCURRY	WIND-O	WEST	2021	-
793	COYOTE WIND	17INR0027b		SCURRY	WIND-O	WEST	2020	-
794	EDMONDSON RANCH WIND	18INR0043		GLASSCOCK	WIND-O	WEST	2021	-
795	GRIFFIN TRAIL WIND	20INR0052		KNOX	WIND-O	WEST	2020	-
796	HARALD (BEARKAT WIND B)	15INR0064b		GLASSCOCK	WIND-O	WEST	2020	-
797	HIDALGO II WIND	19INR0053		HIDALGO	WIND-O	SOUTH	2020	51.0
798	HIGH LONESOME W	19INR0038		CROCKETT	WIND-O	WEST	2020	449.5
799	HIGH LONESOME WIND PHASE II	20INR0262		CROCKETT	WIND-O	WEST	2020	50.6
800	KAISER CREEK WIND	18INR0042		CALLAHAN	WIND-O	WEST	2021	-
801	KONTIKI 1 WIND (ERIK)	19INR0099a		GLASSCOCK	WIND-O	WEST	2021	-
802	KONTIKI 2 WIND (ERNEST)	19INR0099b		GLASSCOCK	WIND-O	WEST	2022	-
803	LAS LOMAS WIND	16INR0111		STARR	WIND-O	SOUTH	2020	-
804	LORAINE WINDPARK PHASE III	18INR0068		MITCHELL	WIND-O	WEST	2021	-
805	MARYNEAL WINDPOWER	18INR0031		NOLAN	WIND-O	WEST	2021	-
806	MAVERICK CREEK I	20INR0045		CONCHO	WIND-O	WEST	2020	-
807	MAVERICK CREEK II	20INR0046		CONCHO	WIND-O	WEST	2020	-
808	MESTENO WIND	16INR0081		STARR	WIND-O	SOUTH	2020	201.6
809	OVEJA WIND	18INR0033		IRION	WIND-O	WEST	2020	300.0
810	PRAIRIE HILL WIND	19INR0100		MCLENNAN	WIND-O	NORTH	2020	-
811	RELOJ DEL SOL WIND	17INR0025		ZAPATA	WIND-O	SOUTH	2020	-
812	ROADRUNNER CROSSING WIND 1	19INR0117		EASTLAND	WIND-O	NORTH	2021	
813	RTS 2 WIND (HEART OF TEXAS WIND)	18INR0016		MCCULLOCH	WIND-O	SOUTH	2020	179.9
814	SAGE DRAW WIND	19INR0163		LYNN	WIND-O	WEST	2020	338.0
815	TG EAST WIND	19INR0052		KNOX	WIND-O	WEST	2021	-
816	VERA WIND	19INR0051		KNOX	WIND-O	WEST	2020	-
817	VERA WIND V110	20INR0305		KNOX	WIND-O	WEST	2020	-
818	WHITE MESA WIND	19INR0128		CROCKETT	WIND-O	WEST	2021	-
819	WHITEHORSE WIND	19INR0080		FISHER	WIND-O	WEST	2020	418.9
820	WILDWIND	20INR0033		COOKE	WIND-O	NORTH	2020	-
821	WKN AMADEUS WIND	14INR0009		FISHER	WIND-O	WEST	2020	-
822	**Planned Capacity Total (Wind)**							**2,794.0**
823								
824	Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C					296.1
825	Wind Peak Average Capacity Percentage (Coastal)		WIND_PL_PEAK_PCT_C	%				63.0
826								

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
827	Planned Wind Capacity Sub-total (Panhandle Counties)		WIND_PLANNED_P					-
828	Wind Peak Average Capacity Percentage (Panhandle)		WIND_PL_PEAK_PCT_P					29.0
829								
830	Planned Wind Capacity Sub-total (Other counties)		WIND_PLANNED_O					2,497.9
831	Wind Peak Average Capacity Percentage (Other)		WIND_PL_PEAK_PCT_O					16.0
832								
833	**Planned Solar Resources with Executed SGIA**							
834	ANSON SOLAR	19INR0081		JONES	SOLAR	WEST	2020	-
835	ARAGORN SOLAR	19INR0088		CULBERSON	SOLAR	WEST	2021	-
836	AZURE SKY SOLAR	21INR0477		HASKELL	SOLAR	WEST	2021	-
837	BLUEBELL SOLAR II	20INR0204		STERLING	SOLAR	WEST	2021	-
838	BRAVEPOST SOLAR	20INR0053		TOM GREEN	SOLAR	WEST	2021	-
839	CONIGLIO SOLAR	20INR0037		FANNIN	SOLAR	NORTH	2021	-
840	CORAZON SOLAR	15INR0044		WEBB	SOLAR	SOUTH	2021	-
841	COTTONWOOD BAYOU	19INR0134		BRAZORIA	SOLAR	COASTAL	2021	-
842	CROWDED STAR SOLAR	20INR0241		JONES	SOLAR	WEST	2021	-
843	CROWDED STAR SOLAR II	22INR0274		JONES	SOLAR	WEST	2022	-
844	DANCIGER SOLAR	20INR0098		BRAZORIA	SOLAR	COASTAL	2021	-
845	DANISH FIELDS SOLAR I	20INR0069		WHARTON	SOLAR	SOUTH	2021	-
846	DANISH FIELDS SOLAR II	21INR0016		WHARTON	SOLAR	SOUTH	2021	-
847	DANISH FIELDS SOLAR III	21INR0017		WHARTON	SOLAR	SOUTH	2021	-
848	ELARA SOLAR	21INR0276		FRIO	SOLAR	SOUTH	2021	-
849	EMERALD GROVE SOLAR (PECOS SOLAR POWER I)	15INR0059		PECOS	SOLAR	WEST	2021	-
850	EUNICE SOLAR	20INR0219		ANDREWS	SOLAR	WEST	2020	-
851	FORT BEND SOLAR	18INR0053		FORT BEND	SOLAR	HOUSTON	2021	-
852	FOWLER RANCH	18INR0039		CRANE	SOLAR	WEST	2020	-
853	GALLOWAY 1 SOLAR	19INR0121		CONCHO	SOLAR	WEST	2021	-
854	GALLOWAY 2 SOLAR	21INR0431		CONCHO	SOLAR	WEST	2021	-
855	GREASEWOOD SOLAR	19INR0034		PECOS	SOLAR	WEST	2020	-
856	HOLSTEIN SOLAR	19INR0009		NOLAN	SOLAR	WEST	2020	204.5
857	HORIZON SOLAR	21INR0261		FRIO	SOLAR	SOUTH	2021	-
858	IMPACT SOLAR	19INR0151		LAMAR	SOLAR	NORTH	2020	-
859	IP TITAN	20INR0032		CULBERSON	SOLAR	WEST	2021	-
860	JUNO SOLAR PHASE I	21INR0026		BORDEN	SOLAR	WEST	2021	-
861	JUNO SOLAR PHASE II	21INR0501		BORDEN	SOLAR	WEST	2021	-
862	KELLAM SOLAR	20INR0261		VAN ZANDT	SOLAR	NORTH	2020	-
863	LAPETUS SOLAR	19INR0185		ANDREWS	SOLAR	WEST	2020	100.0
864	LILY SOLAR	19INR0044		KAUFMAN	SOLAR	NORTH	2021	-
865	LONG DRAW SOLAR	18INR0055		BORDEN	SOLAR	WEST	2020	-
866	LONG POINT SOLAR	19INR0042		BRAZORIA	SOLAR	COASTAL	2021	-
867	MISAE SOLAR	18INR0045		CHILDRESS	SOLAR	PANHANDLE	2020	240.8
868	MISAE SOLAR II	20INR0091		CHILDRESS	SOLAR	PANHANDLE	2022	-
869	MORROW LAKE SOLAR	19INR0155		FRIO	SOLAR	SOUTH	2022	-
870	MUSTANG CREEK SOLAR	18INR0050		JACKSON	SOLAR	SOUTH	2021	-
871	MYRTLE SOLAR	19INR0041		BRAZORIA	SOLAR	COASTAL	2021	-
872	NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2022	-
873	NORTON SOLAR	19INR0035		RUNNELS	SOLAR	WEST	2021	-
874	OBERON SOLAR	19INR0083		ECTOR	SOLAR	WEST	2020	180.0
875	OLD 300 SOLAR CENTER	21INR0406		FORT BEND	SOLAR	HOUSTON	2021	-
876	OXY SOLAR	19INR0184		ECTOR	SOLAR	WEST	2020	16.2
877	PFLUGERVILLE SOLAR	15INR0090		TRAVIS	SOLAR	SOUTH	2020	-
878	PHOENIX SOLAR	19INR0091		FANNIN	SOLAR	NORTH	2021	-
879	PROSPERO SOLAR	19INR0092		ANDREWS	SOLAR	WEST	2020	300.0
880	PROSPERO SOLAR II	21INR0229		ANDREWS	SOLAR	WEST	2021	-
881	QUEEN SOLAR PHASE II	20INR0298		UPTON	SOLAR	WEST	2020	200.0
882	RAMBLER SOLAR	19INR0114		TOM GREEN	SOLAR	WEST	2020	200.0
883	RAYOS DEL SOL	19INR0045		CAMERON	SOLAR	COASTAL	2021	-
884	RE MAPLEWOOD 2A SOLAR	17INR0020a		PECOS	SOLAR	WEST	2021	-
885	RE MAPLEWOOD 2B SOLAR	17INR0020b		PECOS	SOLAR	WEST	2020	-
886	RE MAPLEWOOD 2C SOLAR	17INR0020c		PECOS	SOLAR	WEST	2021	-
887	RIPPEY SOLAR	20INR0031		COOKE	SOLAR	NORTH	2020	-
888	RODEO SOLAR	19INR0103		ANDREWS	SOLAR	WEST	2021	-
889	SHAKES SOLAR	19INR0073		ZAVALA	SOLAR	SOUTH	2021	-
890	SODA LAKE SOLAR 1	18INR0040		CRANE	SOLAR	WEST	2021	-
891	SODA LAKE SOLAR 2	20INR0143		CRANE	SOLAR	WEST	2021	-
892	STRATEGIC ENERGY	20INR0081		ELLIS	SOLAR	NORTH	2021	-
893	TAYGETE II SOLAR	21INR0233		PECOS	SOLAR	WEST	2021	-
894	TAYGETE SOLAR	20INR0054		PECOS	SOLAR	WEST	2021	-
895	TEXAS SOLAR NOVA	19INR0001		KENT	SOLAR	WEST	2022	-
896	TIMBERWOLF POI A	20INR0226		UPTON	SOLAR	WEST	2021	-
897	UPTON SOLAR	16INR0114		UPTON	SOLAR	WEST	2020	-
898	WAGYU SOLAR	18INR0062		BRAZORIA	SOLAR	COASTAL	2020	-
899	WESTORIA SOLAR	20INR0101		BRAZORIA	SOLAR	COASTAL	2021	-
900	**Planned Capacity Total (Solar)**							**1,441.5**
901	Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%				76.0
902								
903	**Planned Storage Resources with Executed SGIA**							
904	AZURE SKY BESS	21INR0476		HASKELL	STORAGE	WEST	2021	-
905	BAT CAVE	21INR0365		MASON	STORAGE	SOUTH	2021	-
906	CHISHOLM GRID	20INR0089		TARRANT	STORAGE	NORTH	2021	-
907	EUNICE STORAGE	20INR0220		ANDREWS	STORAGE	WEST	2020	-
908	MADERO GRID	21INR0244		HIDALGO	STORAGE	SOUTH	2021	-
909	NORTH FORK	20INR0276		WILLIAMSON	STORAGE	SOUTH	2021	-
910	SILICON HILL STORAGE	20INR0291		TRAVIS	STORAGE	SOUTH	2021	-
911	BRP ALVIN		BRPALVIN_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	-
912	BRP ANGELTON		BRPANGLE_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	-
913	BRP BRAZORIA		BRP_BRAZ_UNIT1	BRAZORIA	STORAGE	COASTAL	2020	-
914	BRP DICKINSON		BRP_DIKN_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	-
915	BRP HEIGHTS		BRHEIGHT_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	-
916	BRP MAGNOLIA		BRPMAGNO_UNIT1	GALVESTON	STORAGE	HOUSTON	2020	-
917	BRP ODESSA SW		BRPODESA_UNIT1	ECTOR	STORAGE	WEST	2020	-
918	COMMERCE ST ESS		X443ESS1_SWRI	BEXAR	STORAGE	SOUTH	2019	10.0
919	FLAT TOP BATTERY		FLTBES_BESS1	REEVES	STORAGE	WEST	2019	9.9
920	JOHNSON CITY BESS		JC_BAT_UNIT_1	BLANCO	STORAGE	SOUTH	2020	-
921	**Planned Capacity Total (Storage)**							**19.9**
922	Storage Peak Average Capacity Percentage		STORAGE_PL_PEAK_PCT	%				-
923								
924	**Inactive Planned Resources**							
925	HALYARD WHARTON ENERGY CENTER	16INR0044		WHARTON	GAS	SOUTH	2021	-
926	MARIAH DEL ESTE	13INR0010a		PARMER	WIND-P	PANHANDLE	2020	-
927	NORTHDRAW WIND	13INR0025		RANDALL	WIND-P	PANHANDLE	2020	-
928	PANHANDLE WIND 3	14INR0030c		CARSON	WIND-P	PANHANDLE	2022	-
929	WILDROSE WIND (SWISHER WIND)	13INR0038		SWISHER	WIND-P	PANHANDLE	2021	-
930	LOMA PINTA WIND	16INR0112		LA SALLE	WIND-O	SOUTH	2021	-
931	AGATE SOLAR	20INR0023		ELLIS	SOLAR	NORTH	2020	-
932	GARNET SOLAR	20INR0021		WILLIAMSON	SOLAR	SOUTH	2020	-
933	HOVEY (BARILLA SOLAR 1B)	12INR0059b		PECOS	SOLAR	WEST	2020	7.4
934	SPINEL SOLAR	20INR0025		MEDINA	SOLAR	SOUTH	2020	-
935	SUN VALLEY	19INR0169		HILL	SOLAR	NORTH	2021	-
936	**Inactive Planned Capacity Total**							**7.4**
937								
938	**Seasonal Mothballed Resources**							
939	GREGORY POWER PARTNERS GT1 (AS OF 10/17/2019, AVAILABLE 5/1 THROUGH 9/30)		LGE_LGE_GT1	SAN PATRICIO	GAS	COASTAL	2000	145.0
940	GREGORY POWER PARTNERS GT2 (AS OF 10/17/2019, AVAILABLE 5/1 THROUGH 9/30)		LGE_LGE_GT2	SAN PATRICIO	GAS	COASTAL	2000	145.0
941	GREGORY POWER PARTNERS STG (AS OF 10/17/2019,AVAILABLE 5/1 THROUGH 9/30)		LGE_LGE_STG	SAN PATRICIO	GAS	COASTAL	2000	75.0
942	SPENCER STG U4 (AS OF 10/3/2018, AVAILABLE 5/20 THROUGH 10/10)		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	57.0
943	SPENCER STG U5 (AS OF 10/3/2018, AVAILABLE 5/20 THROUGH 10/10)		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0
944	**Total Seasonal Mothballed Capacity**							**483.0**

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	CDR ZONE	START YEAR	CAPACITY (MW)
945								
946	**Mothballed Resources**							
947	J T DEELY U1 (AS OF 12/31/2018)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1977	420.0
948	J T DEELY U2 (AS OF 12/31/2018)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1978	420.0
949	**Total Mothballed Capacity**							**840.0**
950								
951	**Retiring Resources Unavailable to ERCOT (since last CDR/SARA)**							
952	EAGLE PASS TIE (AS OF 4/9/2020)		DC_S	MAVERICK	OTHER	SOUTH		30.0
953	CITY OF GONZALES HYDRO (AS OF 3/1/2020)		DG_GONZ_HYDRO_GONZ_HYDRO	GONZALES	HYDRO	SOUTH	1986	1.5
954	**Total Retiring Capacity**							**31.5**

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.

The projects listed in the 'Planned Storage Resources with Executed SGIA' section with UNIT CODE entries are Distributed Generation Resources (DGRs). Since they are 10 MW or less, they are not going through the GINR application process.

The retiring hydro unit (CITY OF GONZALES HYDRO) has been removed from the settlement system and is now treated as a load reduction by LCRA

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.