

FINAL
Seasonal Assessment of Resource Adequacy for the ERCOT Region (SARA)
Winter 2017-18

SUMMARY

The ERCOT Region is expected to have sufficient installed generating capacity to serve the forecasted peak demand in the upcoming winter season (December 2017 through February 2018). The forecasted peak demand of 61,068 MW is based on expected winter peak weather conditions, and is unchanged from the forecast used for the preliminary winter SARA report released in September 2017.

Since the release of the preliminary winter SARA report, two 99.6 MW gas-fired plants, a 149.3 MW wind farm, a 249 MW wind farm and a 49.1 MW solar plant moved from Planned to Operational status.

This final winter SARA report includes a unit outage forecast of 7,573 MW developed from historical winter season outage data from the past five years (starting in October 2012). For the extreme outage scenario, which accounts for capacity reductions due to natural gas curtailments resulting from combined low ambient temperatures and extreme peak loads, outages total to 12,128 MW.

In late September and early October 2017, ERCOT received formal planned retirement notices for seven coal units — Monticello 1-3, Big Brown 1-2, Sandow 4-5 — with a total winter rating of 4,363 MW, as well as a gas-steam unit, Barney Davis Unit 1. ERCOT also received a notice to place two gas-fired units in mothball status, Spencer 4-5. Since that time, ERCOT has indicated the Barney Davis and Monticello units are not needed for transmission system reliability and can be retired on the proposed dates, December 31, 2017 and January 4, 2018, respectively, and that the Spencer units can be placed in mothball status as of January 3, 2018. ERCOT continues to study the Big Brown and Sandow units, which could be taken out of service early next year.

This SARA report assumes that ERCOT will approve all remaining units for retirement. As the Notice of Suspension of Operations for the Big Brown units indicates a requested retirement date of February 12, 2018, Big Brown is assumed to be available to meet the winter peak load, and is thus included as an operational resource in this SARA report. Note that Sandow 4 is classified as a Private Use Network (PUN) unit, and its winter peak average capacity contribution has been removed from the aggregate PUN capacity total. Other significant capacity reductions include a long-term forced outage of a gas-fired plant in the Houston area, and delays in the projected in-service dates for two wind projects.

Given these capacity reductions, ERCOT is still expected to have sufficient systemwide operating reserves for the winter season, even under an extreme peak load scenario.

Seasonal Assessment of Resource Adequacy for the ERCOT Region
Winter 2017 - Final
Release Date: November 1, 2017

Forecasted Capacity and Demand

Operational Resources (thermal and hydro), MW	68,789	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process for thermal units; for hydro, based on a winter capacity contribution of 78% of installed capacity using the methodology in ERCOT Nodal Protocols Section 3.2.6.2.2
Switchable Capacity Total, MW	3,736	Installed capacity of units that can interconnect with other Regions and are available to ERCOT
less Switchable Capacity Unavailable to ERCOT, MW	-858	Based on survey responses of Switchable Resource owners
Available Mothball Resources, MW	0	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Private Use Network Capacity Contribution, MW	3,612	Average capability of the top 20 hours in the winter peak seasons for the past three years (2014-2016)
Non-Coastal Wind Resources Capacity Contribution, MW	3,514	Based on 20% of installed capacity for non-coastal wind resources (winter season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Coastal Wind Resources Capacity Contribution, MW	1,004	Based on 42% of installed capacity for coastal wind resources (winter season) per ERCOT Nodal Protocols Section 3.2.6.2.2
Solar Utility-Scale, Peak Average Capacity Contribution, MW	98	Based on 9.8% of rated capacity for solar resources (winter season) per Nodal Protocols Section 3.2.6.2.2
RMR Resources to be under Contract, MW	0	
Non-Synchronous Ties Capacity Contribution, MW	166	Average net flows for the top 20 hours in the winter peak seasons for the past three years (2014-2016)
Planned Thermal Resources with Signed IA, Air Permits and Water Supplies, MW	509	Based on in-service dates provided by developers of generation resources
Planned Non-Coastal Wind with signed IA , MW	97	Based on in-service dates provided by developers and 20% winter capacity contribution for non-coastal wind resources
Planned Coastal Wind with signed IA , MW	96	Based on in-service dates provided by developers and 42% winter capacity contribution for coastal wind resources
Planned Solar Utility-Scale with signed IA, MW	16	Based on in-service dates provided by developers and a winter capacity contribution of 9.8% for solar resources
[a] Total Resources, MW	80,779	
[b] Peak Demand, MW	61,068	Based on expected peak weather conditions
[c] Reserve Capacity [a - b], MW	19,711	

Range of Potential Risks

	Forecasted Season Peak Load	Extreme Peak Load and Typical Generation Outages	Extreme Peak Load and Extreme Generation Outages	
Seasonal Load Adjustment	-	5,707	5,707	Based on the 2011 winter; the extreme winter forecast is 66,775
Typical Maintenance Outages	4,121	4,121	4,121	Based on historical average of planned outages for December through February weekdays (starting in October 2012)
Typical Forced Outages, Thermal	3,452	4,964	4,964	Based on historical average of forced outages for December through February weekdays (starting in October 2012); both Extreme Load scenarios include typical outages/derates due to natural gas curtailments during extreme peak load hours
90th Percentile Forced Outages, Thermal	-	-	3,043	Based on historical forced outages at the 90% confidence interval plus additional derates due to natural gas curtailments resulting from combined low ambient temperatures and extreme peak loads
[d] Total Uses of Reserve Capacity	7,573	14,792	17,835	
[e] Capacity Available for Operating Reserves (c-d), MW	12,138	4,919	1,876	
Less than 2,300 MW indicates risk of EEA1				

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
Operational Resources (Thermal)							
4 COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,235.0
5 COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,225.0
6 SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,340.0
7 SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,340.0
8 BIG BROWN U1		BBSSES_UNIT1	FREESTONE	COAL	NORTH	1971	606.0
9 BIG BROWN U2		BBSSES_UNIT2	FREESTONE	COAL	NORTH	1972	602.0
10 COLETO CREEK		COLETO_COLETG1	GOLIAD	COAL	SOUTH	1980	655.0
11 FAYETTE POWER U1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	603.0
12 FAYETTE POWER U2		FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	605.0
13 FAYETTE POWER U3		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	449.0
14 J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	560.0
15 J K SPRUCE U2		CALAVERS_JKS2	BEXAR	COAL	SOUTH	2010	775.0
16 J T DEELY U1		CALAVERS_JTD1	BEXAR	COAL	SOUTH	1977	420.0
17 J T DEELY U2		CALAVERS_JTD2	BEXAR	COAL	SOUTH	1978	420.0
18 LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	831.0
19 LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	858.0
20 MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	815.0
21 MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0
22 MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0
23 OAK GROVE SES U1		OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	840.0
24 OAK GROVE SES U2		OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	825.0
25 OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
26 SAN MIGUEL U1		SANMIGL_G1	ATASCOSA	COAL	SOUTH	1982	391.0
27 SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	950.0
28 TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	158.0
29 TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	158.0
30 W A PARISH U5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	664.0
31 W A PARISH U6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	663.0
32 W A PARISH U7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0
33 W A PARISH U8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0
34 ARTHUR VON ROSENBERG 1 CTG 1		BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	157.0
35 ARTHUR VON ROSENBERG 1 CTG 2		BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	149.0
36 ARTHUR VON ROSENBERG 1 STG		BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	160.0
37 BARNEY M DAVIS REPOWER CTG 3		B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	165.0
38 BARNEY M DAVIS REPOWER CTG 4		B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	165.0
39 BARNEY M DAVIS REPOWER CTG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	325.0
40 BASTROP ENERGY CENTER CTG 1		BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	167.0
41 BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	167.0
42 BASTROP ENERGY CENTER CTG 3		BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	234.0
43 BOSQUE ENERGY CENTER CTG 1		BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	170.9
44 BOSQUE ENERGY CENTER CTG 4		BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	85.2
45 BOSQUE ENERGY CENTER CTG 2		BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	170.9
46 BOSQUE ENERGY CENTER CTG 3		BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	168.5
47 BOSQUE ENERGY CENTER CTG 5		BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	226.7
48 BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	168.0
49 BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	168.0
50 BRAZOS VALLEY CTG 3		BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
51 CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	77.5
52 CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	77.5
53 CALENERGY-FALCON SEABOARD CTG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	74.0
54 CALHOUN 1 (PORT COMFORT)		CALHOUN_UNIT1	CALHOUN	GAS	SOUTH	2017	49.8
55 CALHOUN 2 (PORT COMFORT)		CALHOUN_UNIT2	CALHOUN	GAS	SOUTH	2017	49.8
56 CEDAR BAYOU 4 CTG 1		CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	173.0
57 CEDAR BAYOU 4 CTG 2		CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	173.0
58 CEDAR BAYOU 4 CTG 3		CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	186.0
59 COLORADO BEND ENERGY CENTER CTG 1		CBEC_GT1	WHARTON	GAS	SOUTH	2007	79.0
60 COLORADO BEND ENERGY CENTER CTG 2		CBEC_GT2	WHARTON	GAS	SOUTH	2007	72.0
61 COLORADO BEND ENERGY CENTER CTG 1		CBEC_STG1	WHARTON	GAS	SOUTH	2007	102.0
62 COLORADO BEND ENERGY CENTER CTG 3		CBEC_GT3	WHARTON	GAS	SOUTH	2008	77.0
63 COLORADO BEND ENERGY CENTER CTG 4		CBEC_GT4	WHARTON	GAS	SOUTH	2008	73.0
64 COLORADO BEND ENERGY CENTER CTG 2		CBEC_STG2	WHARTON	GAS	SOUTH	2008	108.0
65 COLORADO BEND II CT7		CBECII_CT7	WHARTON	GAS	SOUTH	2017	350.0
66 COLORADO BEND II CT8		CBECII_CT8	WHARTON	GAS	SOUTH	2017	350.0
67 COLORADO BEND II ST8		CBECII_STG9	WHARTON	GAS	SOUTH	2017	498.0
68 CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	191.0
69 CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	189.0
70 CVC CHANNELVIEW CTG 3		CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	189.0
71 CVC CHANNELVIEW CTG 5		CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	146.0
72 DEER PARK ENERGY CENTER CTG 1		DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	203.0
73 DEER PARK ENERGY CENTER CTG 2		DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	215.0
74 DEER PARK ENERGY CENTER CTG 3		DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	203.0
75 DEER PARK ENERGY CENTER CTG 4		DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	215.0
76 DEER PARK ENERGY CENTER CTG 5		DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	290.0
77 DEER PARK ENERGY CENTER CTG 6		DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	190.0
78 ENNIS POWER STATION CTG 2		ETCCS_CT1	ELLIS	GAS	NORTH	2002	231.0
79 ENNIS POWER STATION CTG 1		ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	127.0
80 FERGUSON REPLACEMENT CTG1		FERGCC_FERGCT1	LLANO	GAS	SOUTH	2014	180.0
81 FERGUSON REPLACEMENT CTG2		FERGCC_FERGCT2	LLANO	GAS	SOUTH	2014	180.0
82 FERGUSON REPLACEMENT CTG 3		FERGCC_FERGCT3	LLANO	GAS	SOUTH	2014	194.0
83 FORNEY ENERGY CENTER CTG 11		FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	192.0
84 FORNEY ENERGY CENTER CTG 12		FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	184.0
85 FORNEY ENERGY CENTER CTG 13		FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	184.0
86 FORNEY ENERGY CENTER CTG 21		FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	192.0
87 FORNEY ENERGY CENTER CTG 22		FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	184.0
88 FORNEY ENERGY CENTER CTG 23		FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	184.0
89 FORNEY ENERGY CENTER CTG 10		FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	420.0
90 FORNEY ENERGY CENTER CTG 20		FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	420.0
91 FREESTONE ENERGY CENTER CTG 1		FREC_GT1	FREESTONE	GAS	NORTH	2002	160.7
92 FREESTONE ENERGY CENTER CTG 2		FREC_GT2	FREESTONE	GAS	NORTH	2002	160.7
93 FREESTONE ENERGY CENTER CTG 3		FREC_ST3	FREESTONE	GAS	NORTH	2002	179.8
94 FREESTONE ENERGY CENTER CTG 4		FREC_GT4	FREESTONE	GAS	NORTH	2002	161.1

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
95 FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS	NORTH	2002	161.1
96 FREESTONE ENERGY CENTER STG 6		FREC_ST6	FREESTONE	GAS	NORTH	2002	179.7
97 GUADALUPE ENERGY CENTER CTG 1		GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	167.0
98 GUADALUPE ENERGY CENTER CTG 2		GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	167.0
99 GUADALUPE ENERGY CENTER CTG 3		GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	167.0
100 GUADALUPE ENERGY CENTER CTG 4		GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	167.0
101 GUADALUPE ENERGY CENTER STG 5		GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	203.0
102 GUADALUPE ENERGY CENTER STG 6		GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	203.0
103 HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	237.0
104 HAYS ENERGY FACILITY CSG 2		HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	237.0
105 HAYS ENERGY FACILITY CSG 3		HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	247.0
106 HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	247.0
107 HIDALGO ENERGY CENTER CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	150.0
108 HIDALGO ENERGY CENTER CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	150.0
109 HIDALGO ENERGY CENTER STG		DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	176.0
110 JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS	NORTH	2006	160.0
111 JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS	NORTH	2006	160.0
112 JACK COUNTY GEN FACILITY STG 1		JACKCNTY_STG	JACK	GAS	NORTH	2006	293.0
113 JACK COUNTY GEN FACILITY CTG 3		JCKCNTY2_CT3	JACK	GAS	NORTH	2011	165.0
114 JACK COUNTY GEN FACILITY CTG 4		JCKCNTY2_CT4	JACK	GAS	NORTH	2011	165.0
115 JACK COUNTY GEN FACILITY STG 2		JCKCNTY2_ST2	JACK	GAS	NORTH	2011	310.0
116 JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1997	177.0
117 JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
118 LAMAR ENERGY CENTER CTG 11		LPCCS_CT11	LAMAR	GAS	NORTH	2000	186.0
119 LAMAR ENERGY CENTER CTG 12		LPCCS_CT12	LAMAR	GAS	NORTH	2000	176.0
120 LAMAR ENERGY CENTER CTG 21		LPCCS_CT21	LAMAR	GAS	NORTH	2000	176.0
121 LAMAR ENERGY CENTER CTG 22		LPCCS_CT22	LAMAR	GAS	NORTH	2000	186.0
122 LAMAR ENERGY CENTER STG 1		LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
123 LAMAR ENERGY CENTER STG 2		LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
124 LOST PINES POWER CTG 1		LOSTPL_LOSTPGT1	BASTROP	GAS	SOUTH	2001	183.0
125 LOST PINES POWER CTG 2		LOSTPL_LOSTPGT2	BASTROP	GAS	SOUTH	2001	183.0
126 LOST PINES POWER STG		LOSTPL_LOSTPST1	BASTROP	GAS	SOUTH	2001	192.0
127 MAGIC VALLEY STATION CTG 1		NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	218.6
128 MAGIC VALLEY STATION CTG 2		NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	218.6
129 MAGIC VALLEY STATION STG		NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	257.9
130 MIDLOTHIAN ENERGY FACILITY CS 1		MDANP_CT1	ELLIS	GAS	NORTH	2001	240.0
131 MIDLOTHIAN ENERGY FACILITY CS 2		MDANP_CT2	ELLIS	GAS	NORTH	2001	240.0
132 MIDLOTHIAN ENERGY FACILITY CS 3		MDANP_CT3	ELLIS	GAS	NORTH	2001	240.0
133 MIDLOTHIAN ENERGY FACILITY CS 4		MDANP_CT4	ELLIS	GAS	NORTH	2001	240.0
134 MIDLOTHIAN ENERGY FACILITY CS 5		MDANP_CT5	ELLIS	GAS	NORTH	2002	257.0
135 MIDLOTHIAN ENERGY FACILITY CS 6		MDANP_CT6	ELLIS	GAS	NORTH	2002	257.0
136 NUECES BAY REPOWER CTG 8		NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	165.0
137 NUECES BAY REPOWER CTG 9		NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	165.0
138 NUECES BAY REPOWER STG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	325.0
139 ODESSA-ECTOR POWER CTG 11		OECCS_CT11	ECTOR	GAS	WEST	2001	157.9
140 ODESSA-ECTOR POWER CTG 12		OECCS_CT12	ECTOR	GAS	WEST	2001	151.5
141 ODESSA-ECTOR POWER CTG 21		OECCS_CT21	ECTOR	GAS	WEST	2001	154.0
142 ODESSA-ECTOR POWER CTG 22		OECCS_CT22	ECTOR	GAS	WEST	2001	152.3
143 ODESSA-ECTOR POWER STG 1		OECCS_UNIT1	ECTOR	GAS	WEST	2001	212.0
144 ODESSA-ECTOR POWER STG 2		OECCS_UNIT2	ECTOR	GAS	WEST	2001	212.0
145 PANDA SHERMAN POWER CTG1		PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	218.5
146 PANDA SHERMAN POWER CTG2		PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	218.5
147 PANDA SHERMAN POWER STG		PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	333.6
148 PANDA TEMPLE I POWER CTG1		PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	218.5
149 PANDA TEMPLE I POWER CTG2		PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	218.5
150 PANDA TEMPLE I POWER STG		PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	333.6
151 PANDA TEMPLE II POWER CTG1		PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	218.5
152 PANDA TEMPLE II POWER CTG2		PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	218.5
153 PANDA TEMPLE II POWER STG		PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	333.6
154 PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	87.0
155 PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	87.0
156 PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	89.0
157 PASADENA COGEN FACILITY CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	176.0
158 PASADENA COGEN FACILITY CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	176.0
159 PASADENA COGEN FACILITY STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	169.0
160 QUAIL RUN ENERGY CTG 1		QALSW_GT1	ECTOR	GAS	WEST	2007	84.0
161 QUAIL RUN ENERGY CTG 2		QALSW_GT2	ECTOR	GAS	WEST	2007	86.0
162 QUAIL RUN ENERGY STG 1		QALSW_STG1	ECTOR	GAS	WEST	2007	98.0
163 QUAIL RUN ENERGY CTG 3		QALSW_GT3	ECTOR	GAS	WEST	2008	81.0
164 QUAIL RUN ENERGY CTG 4		QALSW_GT4	ECTOR	GAS	WEST	2008	81.0
165 QUAIL RUN ENERGY STG 2		QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
166 RIO NOGALES POWER CTG 1		RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	175.0
167 RIO NOGALES POWER CTG 2		RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	175.0
168 RIO NOGALES POWER CTG 3		RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	175.0
169 RIO NOGALES POWER STG 4		RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
170 SAM RAYBURN POWER CTG 7		RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
171 SAM RAYBURN POWER CTG 8		RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	51.0
172 SAM RAYBURN POWER CTG 9		RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
173 SAM RAYBURN POWER STG 10		RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
174 SANDHILL ENERGY CENTER CTG 5A		SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	170.0
175 SANDHILL ENERGY CENTER STG 5C		SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	160.0
176 SILAS RAY POWER STG 6		SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	21.0
177 SILAS RAY POWER CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	49.0
178 T H WHARTON POWER CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	1972	69.0
179 T H WHARTON POWER CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	1972	69.0
180 T H WHARTON POWER CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	1972	69.0
181 T H WHARTON POWER CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	1972	69.0
182 T H WHARTON POWER STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	1974	110.0
183 T H WHARTON POWER CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	1972	69.0
184 T H WHARTON POWER CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	1972	69.0
185 T H WHARTON POWER CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	1974	69.0
186 T H WHARTON POWER CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	1974	69.0
187 T H WHARTON POWER STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	1974	110.0
188 TEXAS CITY POWER CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	102.4
189 TEXAS CITY POWER CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	102.4

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
190 TEXAS CITY POWER CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	102.4
191 TEXAS CITY POWER STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.5
192 VICTORIA POWER CTG 6		VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	171.0
193 VICTORIA POWER STG 5		VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	132.0
194 WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0
195 WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0
196 WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0
197 WICHITA FALLS CTG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	16.0
198 WISE-TRACTEBEL POWER CTG 1		WCPP_CT1	WISE	GAS	NORTH	2004	275.0
199 WISE-TRACTEBEL POWER CTG 2		WCPP_CT2	WISE	GAS	NORTH	2004	275.0
200 WISE-TRACTEBEL POWER STG 1		WCPP_ST1	WISE	GAS	NORTH	2004	290.0
201 WOLF HOLLOW POWER CTG 1		WHCCS_CT1	HOOD	GAS	NORTH	2002	249.0
202 WOLF HOLLOW POWER CTG 2		WHCCS_CT2	HOOD	GAS	NORTH	2002	249.0
203 WOLF HOLLOW POWER STG		WHCCS_STG	HOOD	GAS	NORTH	2002	293.0
204 WOLF HOLLOW 2 CT5		WHCCS2_CT4	HOOD	GAS	NORTH	2017	335.0
205 WOLF HOLLOW 2 CT6		WHCCS2_CT5	HOOD	GAS	NORTH	2017	335.0
206 WOLF HOLLOW 2 STG6		WHCCS2_STG6	HOOD	GAS	NORTH	2017	460.0
207 ATKINS CTG 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	20.0
208 CASTLEMAN CHAMON 1		CHAMON_CTG_0101	HARRIS	GAS	HOUSTON	2017	49.8
209 CASTLEMAN CHAMON 2		CHAMON_CTG_0301	HARRIS	GAS	HOUSTON	2017	49.8
210 DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	48.0
211 DANSBY CTG 3		DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	50.0
212 DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	54.0
213 DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	54.0
214 DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	54.0
215 DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	54.0
216 DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	80.0
217 DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	79.0
218 DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	78.0
219 DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	77.0
220 ECTOR COUNTY ENERGY CTG 1		ECEC_G1	ECTOR	GAS	WEST	2015	170.4
221 ECTOR COUNTY ENERGY CTG 2		ECEC_G2	ECTOR	GAS	WEST	2015	170.4
222 ELK STATION CTG 3		AEEC_ELK_3	HALE	GAS	PANHANDLE	2016	195.0
223 EXTEX LAPORTE GEN STN CTG 1		AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	45.0
224 EXTEX LAPORTE GEN STN CTG 2		AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	45.0
225 EXTEX LAPORTE GEN STN CTG 3		AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	45.0
226 EXTEX LAPORTE GEN STN CTG 4		AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	45.0
227 GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	65.0
228 GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	65.0
229 GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	65.0
230 GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	50.0
231 GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	65.0
232 GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	65.0
233 GREENVILLE IC ENGINE PLANT		STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.2
234 GREENVILLE IC ENGINE PLANT		STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.2
235 GREENVILLE IC ENGINE PLANT		STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.2
236 LAREDO CTG 4		LARDVFTN_G4	WEBB	GAS	SOUTH	2008	97.4
237 LAREDO CTG 5		LARDVFTN_G5	WEBB	GAS	SOUTH	2008	94.4
238 LEON CREEK PEAKER CTG 1		LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	46.0
239 LEON CREEK PEAKER CTG 2		LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	46.0
240 LEON CREEK PEAKER CTG 3		LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	44.0
241 LEON CREEK PEAKER CTG 4		LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	46.0
242 MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	81.0
243 MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	81.0
244 MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	81.0
245 MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	81.0
246 MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	81.0
247 MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	81.0
248 PEARSALL IC ENGINE PLANT A		PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
249 PEARSALL IC ENGINE PLANT B		PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
250 PEARSALL IC ENGINE PLANT C		PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
251 PEARSALL IC ENGINE PLANT D		PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
252 PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	71.0
253 PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	71.0
254 PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	74.0
255 PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	75.0
256 PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	75.0
257 REDGATE A		REDGATE_AGR_A	HIDALGO	GAS	SOUTH	2016	56.3
258 REDGATE B		REDGATE_AGR_B	HIDALGO	GAS	SOUTH	2016	56.3
259 REDGATE C		REDGATE_AGR_C	HIDALGO	GAS	SOUTH	2016	56.3
260 REDGATE D		REDGATE_AGR_D	HIDALGO	GAS	SOUTH	2016	56.3
261 R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	1994	115.0
262 R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	1994	115.0
263 RAY OLINGER CTG 4		OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	84.0
264 SAM RAYBURN CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	13.5
265 SAM RAYBURN CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	13.5
266 SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	87.0
267 SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	87.0
268 SANDHILL ENERGY CENTER CTG 1		SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	48.0
269 SANDHILL ENERGY CENTER CTG 2		SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	48.0
270 SANDHILL ENERGY CENTER CTG 3		SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	48.0
271 SANDHILL ENERGY CENTER CTG 4		SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	48.0
272 SANDHILL ENERGY CENTER CTG 6		SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	48.0
273 SANDHILL ENERGY CENTER CTG 7		SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	48.0
274 SILAS RAY CTG 10		SILASRAY_SILAS_10	CAMERON	GAS	COASTAL	2004	46.0
275 SKY GLOBAL POWER ONE A		SKY1_SKY1A	COLORADO	GAS	SOUTH	2016	26.7
276 SKY GLOBAL POWER ONE B		SKY1_SKY1B	COLORADO	GAS	SOUTH	2016	26.7
277 T H WHARTON CTG 51		THW_THWGT51	HARRIS	GAS	HOUSTON	1975	65.0
278 T H WHARTON CTG 52		THW_THWGT52	HARRIS	GAS	HOUSTON	1975	65.0
279 T H WHARTON CTG 53		THW_THWGT53	HARRIS	GAS	HOUSTON	1975	65.0
280 T H WHARTON CTG 54		THW_THWGT54	HARRIS	GAS	HOUSTON	1975	65.0
281 T H WHARTON CTG 55		THW_THWGT55	HARRIS	GAS	HOUSTON	1975	65.0
282 T H WHARTON CTG 56		THW_THWGT56	HARRIS	GAS	HOUSTON	1975	65.0
283 T H WHARTON CTG G1		THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0
284 TEXAS GULF SULPHUR		TGF_TGFGT_1	WHARTON	GAS	SOUTH	1985	89.0

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
285 V H BRAUNIG CTG 5		BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
286 V H BRAUNIG CTG 6		BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
287 V H BRAUNIG CTG 7		BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
288 V H BRAUNIG CTG 8		BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	47.0
289 W A PARISH CTG 1		WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	1967	13.0
290 WINCHESTER POWER PARK CTG 1		WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	46.0
291 WINCHESTER POWER PARK CTG 2		WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	46.0
292 WINCHESTER POWER PARK CTG 3		WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	46.0
293 WINCHESTER POWER PARK CTG 4		WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	46.0
294 CEDAR BAYOU STG U1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
295 CEDAR BAYOU STG U2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
296 DANSBY STG U1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	110.0
297 DECKER CREEK STG U1		DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	320.0
298 DECKER CREEK STG U2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	428.0
299 GRAHAM STG U1		GRSES_UNIT1	YOUNG	GAS	WEST	1960	234.0
300 GRAHAM STG U2		GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
301 HANDLEY STG U3		HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
302 HANDLEY STG U4		HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
303 HANDLEY STG U5		HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
304 LAKE HUBBARD STG U1		LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
305 LAKE HUBBARD STG U2		LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	523.0
306 MOUNTAIN CREEK STG U6		MCSES_UNIT6	DALLAS	GAS	NORTH	1956	122.0
307 MOUNTAIN CREEK STG U7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	118.0
308 MOUNTAIN CREEK STG U8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	568.0
309 O W SOMMERS STG U1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
310 O W SOMMERS STG U2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	410.0
311 POWERLANE PLANT STG U1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	20.0
312 POWERLANE PLANT STG U2		STEAM_STEAM_2	HUNT	GAS	NORTH	1967	24.0
313 POWERLANE PLANT STG U3		STEAM_STEAM_3	HUNT	GAS	NORTH	1978	41.0
314 R W MILLER STG U1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	1968	75.0
315 R W MILLER STG U2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	1972	120.0
316 R W MILLER STG U3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	1975	208.0
317 RAY OLINGER STG U1		OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
318 RAY OLINGER STG U2		OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0
319 RAY OLINGER STG U3		OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
320 SIM GIDEON STG U1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
321 SIM GIDEON STG U2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0
322 SIM GIDEON STG U3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	340.0
323 STRYKER CREEK STG U1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0
324 STRYKER CREEK STG U2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0
325 TRINIDAD STG U6		TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	235.0
326 V H BRAUNIG STG U1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	217.0
327 V H BRAUNIG STG U2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
328 V H BRAUNIG STG U3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
329 W A PARISH STG U1		WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0
330 W A PARISH STG U2		WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0
331 W A PARISH STG U3		WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	258.0
332 W A PARISH STG U4		WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	552.0
333 NACOGDOCHES POWER		NACPW_UNIT1	NACOGDOCHES	BIOMASS	NORTH	2012	105.0
334 BIOENERGY AUSTIN WALZEM RD LFG		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
335 BIOENERGY TEXAS COVEL GARDENS LFG		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
336 FORT WORTH METHANE LFG		DG_RDLM_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6
337 GRAND PRAIRIE LFG		DG_TRIRA_1UNIT	DALLAS	BIOMASS	NORTH	2015	4.0
338 MCKINNEY LFG		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2
339 NELSON GARDENS LFG		DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2
340 SKYLINE LFG		DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
341 TRINITY OAKS LFG		DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2
342 VIRIDIS ENERGY-ALVIN LFG		DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7
343 VIRIDIS ENERGY-HUMBLE LFG		DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
344 VIRIDIS ENERGY-LIBERTY LFG		DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
345 VIRIDIS ENERGY-TRINITY BAY LFG		DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
346 WM RENEWABLE-AUSTIN LFG		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
347 WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
348 WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
349 WM RENEWABLE-MESQUITE CREEK LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
350 WM RENEWABLE-WESTSIDE LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
351 BLUE SUMMIT BATTERY		BLSUMMIT_BATTERY	WILBARGER	STORAGE	WEST	2017	-
352 NOTREES BATTERY FACILITY		NWF_NBS	WINKLER	STORAGE	WEST	2012	-
353 ESS RABBIT HILL		DG_RHES_ RABBIT_1	WILLIAMSON	STORAGE	SOUTH	2016	-
354 OCI ALAMO 1		DG_OCI_ALM1_ASTRO1	BEXAR	STORAGE	SOUTH	2016	-
355 TOS BATTERY STORAGE		DG_TOSBATT_UNIT1	MIDLAND	OTHER	WEST	2017	-
356 RIO GRANDE SUGAR GROWERS RGV MILL		DG_S_SNR_UNIT1	HIDALGO	BIOMASS	SOUTH	1973	23.5
357 FARMERS BRANCH LANDFILL GAS TO ENERGY		DG_HBR_2UNITS	DENTON	BIOMASS	NORTH	2011	3.2
358 Operational Capacity Total (Nuclear, Coal, Gas, Biomass)							68,732.2
359							
360 Operational Resources (Hydro)							
361 AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9
362 AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
363 AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
364 AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
365 BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
366 BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
367 BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
368 DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
369 DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
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 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

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
380 MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	29.0
381 WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	24.0
382 WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	24.0
383 ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
384 EAGLE PASS HYDRO		DG_EAGLE_HY_EAGLE_HY1	MAVERICK	HYDRO	SOUTH	2005	9.6
385 GUADALUPE BLANCO RIVER AUTH-CANYON		DG_CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0
386 GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
387 GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
388 GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
389 LEWISVILLE HYDRO-CITY OF GARLAND		DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
390 Operational Capacity Total (Hydro)							555.1
391 Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					431.5
392							
393 Operational Capacity Unavailable due to Extended Outage or Derate		OPERATION_UNAVAIL					(375.0)
394 Operational Capacity Total (Including Hydro)		OPERATION_TOTAL					68,788.7
395							
396 Operational Resources (Switchable)							
397 ANTELOPE IC 1		AEEC_ANTLP_1	HALE	GAS	PANHANDLE	2016	56.0
398 ANTELOPE IC 2		AEEC_ANTLP_2	HALE	GAS	PANHANDLE	2016	56.0
399 ANTELOPE IC 3		AEEC_ANTLP_3	HALE	GAS	PANHANDLE	2016	56.0
400 ELK STATION CTG 1		AEEC_ELK_1	HALE	GAS	PANHANDLE	2016	195.0
401 ELK STATION CTG 2		AEEC_ELK_2	HALE	GAS	PANHANDLE	2016	195.0
402 TENASKA KIAMICHI STATION 1CT101		KMCHI_1CT101	FANNIN	GAS	NORTH	2003	178.0
403 TENASKA KIAMICHI STATION 1CT201		KMCHI_1CT201	FANNIN	GAS	NORTH	2003	180.0
404 TENASKA KIAMICHI STATION 1ST		KMCHI_1ST	FANNIN	GAS	NORTH	2003	307.0
405 TENASKA KIAMICHI STATION 2CT101		KMCHI_2CT101	FANNIN	GAS	NORTH	2003	178.0
406 TENASKA KIAMICHI STATION 2CT201		KMCHI_2CT201	FANNIN	GAS	NORTH	2003	180.0
407 TENASKA KIAMICHI STATION 2ST		KMCHI_2ST	FANNIN	GAS	NORTH	2003	307.0
408 TENASKA FRONTIER STATION CTG 1		FTR_FTR_G1	GRIMES	GAS	NORTH	2000	180.0
409 TENASKA FRONTIER STATION CTG 2		FTR_FTR_G2	GRIMES	GAS	NORTH	2000	180.0
410 TENASKA FRONTIER STATION CTG 3		FTR_FTR_G3	GRIMES	GAS	NORTH	2000	180.0
411 TENASKA FRONTIER STATION STG 4		FTR_FTR_G4	GRIMES	GAS	NORTH	2000	400.0
412 TENASKA GATEWAY STATION CTG 1		TGCCS_CT1	RUSK	GAS	NORTH	2001	162.0
413 TENASKA GATEWAY STATION CTG 2		TGCCS_CT2	RUSK	GAS	NORTH	2001	179.0
414 TENASKA GATEWAY STATION CTG 3		TGCCS_CT3	RUSK	GAS	NORTH	2001	178.0
415 TENASKA GATEWAY STATION STG 4		TGCCS_UNIT4	RUSK	GAS	NORTH	2001	389.0
416 Switchable Capacity Total							3,736.0
417							
418 Switchable Capacity Unavailable to ERCOT							
419 ANTELOPE IC 1		AEEC_ANTLP_1_UNAVAIL	HALE	GAS	PANHANDLE	2017	(56.0)
420 ANTELOPE IC 2		AEEC_ANTLP_2_UNAVAIL	HALE	GAS	PANHANDLE	2017	(56.0)
421 ANTELOPE IC 3		AEEC_ANTLP_3_UNAVAIL	HALE	GAS	PANHANDLE	2017	(56.0)
422 ELK STATION CTG 1		AEEC_ELK_1_UNAVAIL	HALE	GAS	PANHANDLE	2017	(195.0)
423 ELK STATION CTG 2		AEEC_ELK_2_UNAVAIL	HALE	GAS	PANHANDLE	2017	(195.0)
424 TENASKA FRONTIER STATION		FTR_FTR_UNAVAIL	FANNIN	GAS	NORTH	2016	(300.0)
425 Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL		GAS			(858.0)
426							
427 Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL		COAL			-
428							
429 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			3,376.0
430 Private-Use Network Forecast Adjustment (per Protocol 10.3.2.4)		PUN_CAP_ADJUST		GAS			236.3
431							
432 Operational Resources (Wind)							
433 ANACACHO WIND		ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8
434 BARTON CHAPEL WIND		BRTSW_BCW1	JACK	WIND	NORTH	2007	120.0
435 BLUE SUMMIT WIND 5		BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0
436 BLUE SUMMIT WIND 6		BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4
437 BOBCAT BLUFF WIND		BCATWIND_WIND_1	ARCHER	WIND	WEST	2012	150.0
438 BRISCOE WIND		BRISCOE_WIND	BRISCOE	WIND	PANHANDLE	2015	149.8
439 BUFFALO GAP WIND 1		BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6
440 BUFFALO GAP WIND 2_1		BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5
441 BUFFALO GAP WIND 2_2		BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0
442 BUFFALO GAP WIND 3		BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2008	170.2
443 BULL CREEK WIND U1		BULLCRK_WND1	BORDEN	WIND	WEST	2009	88.0
444 BULL CREEK WIND U2		BULLCRK_WND2	BORDEN	WIND	WEST	2009	90.0
445 CALLAHAN WIND		CALLAHAN_WND1	CALLAHAN	WIND	WEST	2004	114.0
446 CAMP SPRINGS WIND 1		CSEC_CSECG1	SCURRY	WIND	WEST	2007	130.5
447 CAMP SPRINGS WIND 2		CSEC_CSECG2	SCURRY	WIND	WEST	2007	120.0
448 CAPRICORN RIDGE WIND 1		CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5
449 CAPRICORN RIDGE WIND 2		CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0
450 CAPRICORN RIDGE WIND 3		CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5
451 CAPRICORN RIDGE WIND 4		CAPRIDGE_CR4	COKE	WIND	WEST	2008	112.5
452 CEDRO HILL WIND 1		CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0
453 CEDRO HILL WIND 2		CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0
454 CHAMPION WIND		CHAMPION_UNIT1	NOLAN	WIND	WEST	2008	126.5
455 COTTON PLAINS WIND		COTPLNS_COTTONPL	FLOYD COUNTY	WIND	NORTH	2017	50.4
456 DERMOTT WIND 1_1		DERMOTT_UNIT1	SCURRY	WIND	WEST	2017	126.5
457 DERMOTT WIND 1_2		DERMOTT_UNIT2	SCURRY	WIND	WEST	2017	126.5
458 DESERT SKY WIND 1		INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0
459 DESERT SKY WIND 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5
460 DOUG COLBECK'S CORNER (CONWAY) A		GRANDVW1_COLA	CARSON	WIND	PANHANDLE	2016	100.2
461 DOUG COLBECK'S CORNER (CONWAY) B		GRANDVW1_COLB	CARSON	WIND	PANHANDLE	2016	100.2
462 ELBOW CREEK WIND		ELB_ELBCREEK	HOWARD	WIND	WEST	2008	118.7
463 ELECTRA WIND 1		DIGBY_UNIT1	WILBARGER	WIND	WEST	2016	98.9
464 ELECTRA WIND 2		DIGBY_UNIT2	WILBARGER	WIND	WEST	2016	131.1
465 FALVEZ ASTRA WIND		ASTRA_UNIT1	RANDALL	WIND	PANHANDLE	2017	163.2
466 FOREST CREEK WIND		MCDLD_FCW1	GLASSCOCK	WIND	WEST	2007	124.2
467 GOAT WIND		GOAT_GOATWIND	STERLING	WIND	WEST	2008	80.0
468 GOAT WIND 2		GOAT_GOATWIN2	STERLING	WIND	WEST	2010	69.6
469 GOLDTHWAITE WIND 1		GWEC_GWEC_G1	MILLS	WIND	NORTH	2014	148.6
470 GRANDVIEW WIND 1 (CONWAY) GV1A		GRANDVW1_GV1A	CARSON	WIND	PANHANDLE	2014	107.4
471 GRANDVIEW WIND 1 (CONWAY) GV1B		GRANDVW1_GV1B	CARSON	WIND	PANHANDLE	2014	103.8
472 GREEN MOUNTAIN WIND (BRAZOS) U1		BRAZ_WND_WND1	SCURRY	WIND	WEST	2003	99.0
473 GREEN MOUNTAIN WIND (BRAZOS) U2		BRAZ_WND_WND2	SCURRY	WIND	WEST	2003	61.0
474 GREEN PASTURES WIND I		GPASTURE_WIND_I	BAYLOR	WIND	WEST	2015	150.0

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
475 VERTIGO WIND (FORMERLY GREEN PASTURES WIND 2)		VERTIGO_WIND_I	BAYLOR	WIND	WEST	2016	150.0
476 GUNSIGHT MOUNTAIN WIND		GUNMTN_G1	HOWARD	WIND	WEST	2016	119.9
477 HACKBERRY WIND		HWF_HWFG1	SHACKELFORD	WIND	WEST	2008	163.5
478 HEREFORD WIND G		HRFDWIND_WIND_G	DEAF SMITH	WIND	PANHANDLE	2015	99.9
479 HEREFORD WIND V		HRFDWIND_WIND_V	DEAF SMITH	WIND	PANHANDLE	2015	100.0
480 HIDALGO & STARR WIND 11		MIRASOLE_MIR11	HIDALGO	WIND	SOUTH	2016	52.0
481 HIDALGO & STARR WIND 12		MIRASOLE_MIR12	HIDALGO	WIND	SOUTH	2016	98.0
482 HIDALGO & STARR WIND 21		MIRASOLE_MIR21	HIDALGO	WIND	SOUTH	2016	100.0
483 HORSE CREEK WIND 1		HORSECRK_UNIT1	HASKELL	WIND	WEST	2017	131.1
484 HORSE CREEK WIND 2		HORSECRK_UNIT2	HASKELL	WIND	WEST	2017	98.9
485 HORSE HOLLOW WIND 1		H_HOLLOW_WND1	TAYLOR	WIND	WEST	2005	206.6
486 HORSE HOLLOW WIND 2		HHOLLOW2_WIND1	TAYLOR	WIND	WEST	2006	158.0
487 HORSE HOLLOW WIND 3		HHOLLOW3_WND_1	TAYLOR	WIND	WEST	2006	223.5
488 HORSE HOLLOW WIND 4		HHOLLOW4_WND1	TAYLOR	WIND	WEST	2006	115.0
489 INADALE WIND 1		INDL_INADALE1	NOLAN	WIND	WEST	2008	95.0
490 INADALE WIND 2		INDL_INADALE2	NOLAN	WIND	WEST	2008	102.0
491 INDIAN MESA WIND		INDNNWP_INDNWP	PECOS	WIND	WEST	2001	82.5
492 JAVELINA I WIND 18		BORDAS_JAVEL18	WEBB	WIND	SOUTH	2015	19.7
493 JAVELINA I WIND 20		BORDAS_JAVEL20	WEBB	WIND	SOUTH	2015	230.0
494 JAVELINA II WIND 1		BORDAS2_JAVEL2_A	WEBB	WIND	SOUTH	2017	96.0
495 JAVELINA II WIND 2		BORDAS2_JAVEL2_B	WEBB	WIND	SOUTH	2017	74.0
496 JAVELINA II WIND 3		BORDAS2_JAVEL2_C	WEBB	WIND	SOUTH	2017	30.0
497 JUMBO ROAD WIND 1		HRFDWIND_JRDWIND1	DEAF SMITH	WIND	PANHANDLE	2015	146.2
498 JUMBO ROAD WIND 2		HRFDWIND_JRDWIND2	DEAF SMITH	WIND	PANHANDLE	2015	153.6
499 KEECHI WIND 138 KV JOPLIN		KEECHI_U1	JACK	WIND	NORTH	2015	110.0
500 KING MOUNTAIN WIND (NE)		KING_NE_KINGNE	UPTON	WIND	WEST	2001	79.3
501 KING MOUNTAIN WIND (NW)		KING_NW_KINGNW	UPTON	WIND	WEST	2001	79.3
502 KING MOUNTAIN WIND (SE)		KING_SE_KINGSE	UPTON	WIND	WEST	2001	40.3
503 KING MOUNTAIN WIND (SW)		KING_SW_KINGSW	UPTON	WIND	WEST	2001	79.3
504 LANGFORD WIND POWER		LGD_LANGFORD	TOM GREEN	WIND	WEST	2009	155.0
505 LOGANS GAP WIND I U1		LGW_UNIT1	COMANCHE	WIND	NORTH	2015	103.8
506 LOGANS GAP WIND I U2		LGW_UNIT2	COMANCHE	WIND	NORTH	2015	106.3
507 LONE STAR WIND 1 (MESQUITE)		LNCRK_G83	SHACKELFORD	WIND	WEST	2006	200.0
508 LONE STAR WIND 2 (POST OAK) U1		LNCRK2_G871	SHACKELFORD	WIND	WEST	2007	100.0
509 LONE STAR WIND 2 (POST OAK) U2		LNCRK2_G872	SHACKELFORD	WIND	WEST	2007	100.0
510 LONGHORN WIND NORTH U1		LHORN_N_UNIT1	FLOYD	WIND	PANHANDLE	2015	100.0
511 LONGHORN WIND NORTH U2		LHORN_N_UNIT2	FLOYD	WIND	PANHANDLE	2015	100.0
512 LORAIN WINDPARK I		LONEWOLF_G1	MITCHELL	WIND	WEST	2010	49.5
513 LORAIN WINDPARK II		LONEWOLF_G2	MITCHELL	WIND	WEST	2010	51.0
514 LORAIN WINDPARK III		LONEWOLF_G3	MITCHELL	WIND	WEST	2011	25.5
515 LORAIN WINDPARK IV		LONEWOLF_G4	MITCHELL	WIND	WEST	2011	24.0
516 LOS VIENTOS III WIND		LV3_UNIT_1	STARR	WIND	SOUTH	2015	200.0
517 LOS VIENTOS IV WIND		LV4_UNIT_1	STARR	WIND	SOUTH	2016	200.0
518 LOS VIENTOS V WIND		LV5_UNIT_1	STARR	WIND	SOUTH	2016	110.0
519 MARIAH DEL NORTE 1		MARIAH_NORTE1	PARMER	WIND	PANHANDLE	2017	115.2
520 MARIAH DEL NORTE 2		MARIAH_NORTE2	PARMER	WIND	PANHANDLE	2017	115.2
521 MESQUITE CREEK WIND 1		MESQCRK_WND1	DAWSON	WIND	WEST	2015	105.6
522 MESQUITE CREEK WIND 2		MESQCRK_WND2	DAWSON	WIND	WEST	2015	105.6
523 MIAMI WIND G1		MIAM1_G1	GRAY	WIND	PANHANDLE	2014	144.3
524 MIAMI WIND G2		MIAM1_G2	GRAY	WIND	PANHANDLE	2014	144.3
525 MCADOO WIND		MWEC_G1	DICKENS	WIND	PANHANDLE	2008	150.0
526 NOTREES WIND 1		NWF_NWF1	WINKLER	WIND	WEST	2009	92.6
527 NOTREES WIND 2		NWF_NWF2	WINKLER	WIND	WEST	2009	60.0
528 OCOTILLO WIND		OWF_OW	HOWARD	WIND	WEST	2008	58.8
529 OLD SETTLER WIND		COTPLNS_OLDSETLR	FLOYD COUNTY	WIND	NORTH	2017	151.2
530 PANHANDLE WIND 1 U1		PH1_UNIT1	CARSON	WIND	PANHANDLE	2014	109.2
531 PANHANDLE WIND 1 U2		PH1_UNIT2	CARSON	WIND	PANHANDLE	2014	109.2
532 PANHANDLE WIND 2 U1		PH2_UNIT1	CARSON	WIND	PANHANDLE	2014	94.2
533 PANHANDLE WIND 2 U2		PH2_UNIT2	CARSON	WIND	PANHANDLE	2014	96.6
534 PANTHER CREEK WIND 1		PC_NORTH_PANTHER1	HOWARD	WIND	WEST	2008	142.5
535 PANTHER CREEK WIND 2		PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	2008	115.5
536 PANTHER CREEK WIND 3		PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	2009	199.5
537 PECOS WIND 1 (WOODWARD)		WOODWRD1_WOODWRD1	PECOS	WIND	WEST	2001	82.5
538 PECOS WIND 2 (WOODWARD)		WOODWRD2_WOODWRD2	PECOS	WIND	WEST	2001	77.2
539 PYRON WIND 1		PYR_PYRON1	SCURRY	WIND	WEST	2008	121.5
540 PYRON WIND 2		PYR_PYRON2	SCURRY AND FIS	WIND	WEST	2008	127.5
541 RATTLESNAKE DEN WIND PHASE 1 G1		RSNAKE_G1	GLASSCOCK	WIND	WEST	2015	104.3
542 RATTLESNAKE DEN WIND PHASE 1 G2		RSNAKE_G2	GLASSCOCK	WIND	WEST	2015	103.0
543 RED CANYON WIND		RDCANYON_RDCNY1	BORDEN	WIND	WEST	2006	84.0
544 ROCK SPRINGS VAL VERDE WIND (FERMI) 1		FERMI_WIND1	VAL VERDE	WIND	WEST	2017	121.9
545 ROCK SPRINGS VAL VERDE WIND (FERMI) 2		FERMI_WIND2	VAL VERDE	WIND	WEST	2017	27.4
546 ROSCOE WIND		TKWSW1_ROSCOE	NOLAN	WIND	WEST	2008	114.0
547 ROSCOE WIND 2A		TKWSW1_ROSCOE2A	NOLAN	WIND	WEST	2008	95.0
548 ROUTE 66 WIND		ROUTE_66_WIND1	CARSON	WIND	PANHANDLE	2015	150.0
549 SALT FORK 1 WIND 1		SALTFORK_UNIT1	DONLEY	WIND	PANHANDLE	2016	64.0
550 SALT FORK 1 WIND 2		SALTFORK_UNIT2	DONLEY	WIND	PANHANDLE	2016	110.0
551 SAND BLUFF WIND		MCDLD_SBW1	GLASSCOCK	WIND	WEST	2008	90.0
552 SENDERO WIND ENERGY		EXGNSND_WIND_1	JIM HOGG	WIND	SOUTH	2015	76.0
553 SENATE WIND		SENATEWD_UNIT1	JACK	WIND	NORTH	2012	150.0
554 SHANNON WIND		SHANNONW_UNIT_1	CLAY	WIND	WEST	2015	204.1
555 SHERBINO 1 WIND		KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0
556 SHERBINO 2 WIND		KEO_SHRBINO2	PECOS	WIND	WEST	2011	145.0
557 SILVER STAR WIND		FLTCK_SSI	EASTLAND	WIND	NORTH	2008	60.0
558 SNYDER WIND		ENAS_ENA1	SCURRY	WIND	WEST	2007	63.0
559 SOUTH PLAINS WIND I		SPLAIN1_WIND1	FLOYD	WIND	PANHANDLE	2015	102.0
560 SOUTH PLAINS WIND 2		SPLAIN1_WIND2	FLOYD	WIND	PANHANDLE	2015	98.0
561 SOUTH PLAINS WIND II A		SPLAIN2_WIND21	FLOYD	WIND	PANHANDLE	2016	148.5
562 SOUTH PLAINS WIND II B		SPLAIN2_WIND22	FLOYD	WIND	PANHANDLE	2016	151.8
563 SOUTH TRENT WIND		STWF_T1	NOLAN	WIND	WEST	2008	98.2
564 SPINNING SPUR WIND TWO		SSPURWIND_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0
565 SPINNING SPUR 3 [WIND 1]		SSPURWIND_SS3WIND1	OLDHAM	WIND	PANHANDLE	2015	96.0
566 SPINNING SPUR 3 [WIND 2]		SSPURWIND_SS3WIND2	OLDHAM	WIND	PANHANDLE	2015	98.0
567 STANTON WIND ENERGY		SWEC_G1	MARTIN	WIND	WEST	2008	120.0
568 STEPHENS RANCH WIND 1		SRWE1_UNIT1	BORDEN	WIND	WEST	2014	211.2
569 STEPHENS RANCH WIND 2		SRWE1_SRWE2	BORDEN	WIND	WEST	2015	164.7

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
570 SWEETWATER WIND 1		SWEETWND_WND1	NOLAN	WIND	WEST	2003	42.5
571 SWEETWATER WIND 2A		SWEETWN2_WND24	NOLAN	WIND	WEST	2006	17.0
572 SWEETWATER WIND 2B		SWEETWN2_WND2	NOLAN	WIND	WEST	2004	115.0
573 SWEETWATER WIND 3A		SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	34.0
574 SWEETWATER WIND 3B		SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	117.0
575 SWEETWATER WIND 4-5		SWEETWN4_WND5	NOLAN	WIND	WEST	2007	85.0
576 SWEETWATER WIND 4-4B		SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	112.0
577 SWEETWATER WIND 4-4A		SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	125.0
578 TEXAS BIG SPRING WIND A		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7
579 TEXAS BIG SPRING WIND B		SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6
580 TRENT WIND		TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
581 TRINITY HILLS WIND 1		TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	117.5
582 TRINITY HILLS WIND 2		TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	107.5
583 TURKEY TRACK WIND		TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
584 TYLER BLUFF WIND		TYLRWIND_UNIT1	COOKE	WIND	NORTH	2017	125.6
585 WAKE WIND 1		WAKEWE_G1	DICKENS	WIND	PANHANDLE	2016	114.9
586 WAKE WIND 2		WAKEWE_G2	DICKENS	WIND	PANHANDLE	2016	142.3
587 WEST TEXAS WIND		SW_MESA_SW_MESA	UPTON	WIND	WEST	1999	80.3
588 WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0
589 WHITETAIL WIND		EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	92.3
590 WINDTHORST 2 WIND		WNDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6
591 WKN MOZART WIND		MOZART_WIND_1	KENT	WIND	WEST	2012	30.0
592 WOLF RIDGE WIND		WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5
593 TSTC WEST TEXAS WIND		DG_ROSC2_UNIT	NOLAN	WIND	WEST	2008	2.0
594 WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0
595 Operational Wind Capacity Sub-total (Non-Coastal Counties)							17,569.4
596 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PEAK_PCT_NC	%				20.0
597							
598 BAFFIN WIND UNIT1		BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0
599 BAFFIN WIND UNIT2		BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0
600 CAMERON COUNTY WIND		CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0
601 CHAPMAN RANCH WIND IA (SANTA CRUZ)		SANTACRU_UNIT1	NUECES	WIND-C	COASTAL	2017	150.6
602 CHAPMAN RANCH WIND IB (SANTA CRUZ)		SANTACRU_UNIT2	NUECES	WIND-C	COASTAL	2017	98.4
603 GULF WIND I		TGW_T1	KENEDY	WIND-C	COASTAL	2010	141.6
604 GULF WIND II		TGW_T2	KENEDY	WIND-C	COASTAL	2010	141.6
605 LOS VIENTOS WIND I		LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1
606 LOS VIENTOS WIND II		LV1_LV1B	WILLACY	WIND-C	COASTAL	2013	201.6
607 MAGIC VALLEY WIND (REDFISH) 1A		REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8
608 MAGIC VALLEY WIND (REDFISH) 1B		REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5
609 PAPALOTE CREEK WIND		PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9
610 PAPALOTE CREEK WIND II		COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1
611 PENASCAL WIND 1		PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8
612 PENASCAL WIND 2		PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6
613 PENASCAL WIND 3		PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8
614 SAN ROMAN WIND		SANROMAN_WIND_1	CAMERON	WIND-C	COASTAL	2017	95.2
615 HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0
616 Operational Wind Capacity Sub-total (Coastal Counties)							2,391.6
617 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				42.0
618							
619 Operational Wind Capacity Total (All Counties)		WIND_OPERATIONAL					19,961.0
620							
621 Operational Resources (Solar)							
622 ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
623 FS EAST PECOS SOLAR		BOOTLEG_UNIT1	PECOS	SOLAR	WEST	2017	121.1
624 FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2014	22.0
625 OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
626 OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
627 OCI ALAMO 5 (DOWNIE RANCH)		HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	2015	95.0
628 OCI ALAMO 6 (SIRIUS/WEST TEXAS)		SIRIUS_UNIT1	PECOS	SOLAR	WEST	2017	110.2
629 SP-TX-12-PHASE B		SPTX12B_UNIT1	UPTON	SOLAR	WEST	2017	157.5
630 WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
631 BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
632 BLUE WING 2 SOLAR		DG_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
633 OCI ALAMO 2 SOLAR-ST. HEDWIG		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4
634 OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
635 OCI ALAMO 7 (PAINT CREEK)		SOLARA_UNIT1	HASKELL	SOLAR	WEST	2016	106.4
636 RE ROSEROCK SOLAR 1		REROCK_UNIT1	PECOS	SOLAR	WEST	2016	78.8
637 RE ROSEROCK SOLAR 2		REROCK_UNIT2	PECOS	SOLAR	WEST	2016	78.8
638 OCI ALAMO 6 (WEST TEXAS PHASE II)		SIRIUS_UNIT2	PECOS	SOLAR	WEST	2016	49.1
639 BECK 1		DG_CECXSOLAR_DG_BECK1	BEXAR	SOLAR	SOUTH	2016	1.0
640 FIFTH GENERATION SOLAR 1		DG_FGSOLAR1	TRAVIS	SOLAR	SOUTH	2016	1.6
641 HM SEALY SOLAR 1		DG_SEALY_1UNIT	AUSTIN	SOLAR	SOUTH	2015	1.6
642 RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSERVSS_CCS1	DENTON	SOLAR	NORTH	2015	2.0
643 SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
644 SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
645 SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
646 SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
647 WALNUT SPRINGS		DG_WLNTSPRG_1UNIT	BOSQUE	SOLAR	NORTH	2016	10.0
648 Operational Capacity Total (Solar)							1,003.8
649 Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				9.8
650							
651 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			-
652							
653 Non-Synchronous Tie Resources							
654 EAST TIE		DC_E	FANNIN		NORTH		600.0
655 NORTH TIE		DC_N	WILBARGER		WEST		220.0
656 EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0
657 LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0
658 SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0
659 SHARYLAND RAILROAD TIE 2		DC_R2	HIDALGO		SOUTH		150.0
660 Non-Synchronous Ties Total							1,250.0
661 Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			165.8
662							
663 Planned Thermal Resources with Executed SGIA, Air Permit, GHG Permit and Proof of Adequate Water Supplies							
664 DENTON ENERGY CENTER	18INR0013		DENTON	GAS	NORTH	2018	-

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
665 FGE TEXAS I PROJECT	16INR0010		MITCHELL	GAS	WEST	2019	-
666 PHR PEAKERS [BAC_CTG1-6]	14INR0038		GALVESTON	GAS	HOUSTON	2017	390.0
667 INDECK WHARTON ENERGY CENTER	15INR0023		WHARTON	GAS	SOUTH	2019	-
668 PINECREST ENERGY CENTER PROJECT	16INR0006		ANGELINA	GAS	NORTH	2020	-
669 FRIENDSWOOD G	13INR0049		HARRIS	GAS	HOUSTON	2017	119.0
670 BETHEL CAES PROJECT	15INR0013		ANDERSON	GAS	NORTH	2020	-
671 HALYARD HENDERSON	16INR0045		HENDERSON	GAS	NORTH	2019	-
672 HALYARD WHARTON ENERGY CENTER	16INR0044		WHARTON	GAS	SOUTH	2019	-
673 Planned Capacity Total (Coal, Gas & Storage)							509.0
674							
675 Planned Wind Resources with Executed SGIA							
676 MIDWAY FARMS WIND	11INR0054		SAN PATRICIO	WIND-C	COASTAL	2019	-
677 LONGHORN WIND SOUTH	14INR0023b		BRISCOE	WIND	PANHANDLE	2018	-
678 MARIAH DEL ESTE	13INR0010a		PARMER	WIND	PANHANDLE	2018	-
679 MARIAH DEL SUR	13INR0010c		PARMER	WIND	PANHANDLE	2018	-
680 PATRIOT WIND (PETRONILLA)	11INR0062		NUECES	WIND-C	COASTAL	2019	-
681 COMANCHE RUN WIND	12INR0029		SWISHER	WIND	PANHANDLE	2019	-
682 GRANDVIEW WIND 3 (CONWAY)	13INR0005c		CARSON	WIND	PANHANDLE	2019	-
683 SCANDIA WIND DEF	13INR0010def		PARMER	WIND	PANHANDLE	2019	-
684 PULLMAN ROAD WIND	15INR0079		RANDALL	WIND	PANHANDLE	2019	-
685 PANHANDLE WIND 3	14INR0030c		CARSON	WIND	PANHANDLE	2018	-
686 UNITY WIND	15INR0050		DEAF SMITH	WIND	PANHANDLE	2019	-
687 TORRECILLAS WIND A	14INR0045a		WEBB	WIND	SOUTH	2019	-
688 TORRECILLAS WIND B	14INR0045b		WEBB	WIND	SOUTH	2019	-
689 LOCKETT WIND FARM	16INR0062b		WILBARGER	WIND	WEST	2019	-
690 WILLOW SPRINGS WIND	14INR0060b		HASKELL	WIND	WEST	2017	230.0
691 PUMPKIN FARM WIND	16INR0037c		FLOYD	WIND	PANHANDLE	2018	-
692 BRUENNING'S BREEZE	14INR0041a		WILLACY	WIND-C	COASTAL	2017	228.0
693 SANTA RITA WIND	16INR0091		REAGAN	WIND	WEST	2017	-
694 SWISHER WIND	13INR0038		SWISHER	WIND	PANHANDLE	2019	-
695 BUCKTHORN WIND 1	14INR0057		ERATH	WIND	NORTH	2017	100.7
696 FLUVANNA RENEWABLE 1	13INR0056		SCURRY	WIND	WEST	2017	155.4
697 RTS WIND	16INR0087		MCCULLOCH	WIND	SOUTH	2018	-
698 SILVER CANYON WIND A	12INR0002a		BRISCOE	WIND	PANHANDLE	2019	-
699 FLAT TOP WIND I	15INR0082		COMANCHE	WIND	NORTH	2018	-
700 CANADIAN BREAKS WIND	13INR0026		OLDHAM	WIND	PANHANDLE	2019	-
701 SALT FORK WIND EXPANSION	16INR0121		CARSON	WIND	PANHANDLE	2018	-
702 CHOCOLATE BAYOU	16INR0074		BRAZORIA	WIND-C	COASTAL	2019	-
703 GOODNIGHT WIND	14INR0033		ARMSTRONG	WIND	PANHANDLE	2018	-
704 COYOTE WIND	17INR0027b		SCURRY	WIND	WEST	2019	-
705 BEARKAT WIND A	15INR0064		GLASSCOCK	WIND	WEST	2017	-
706 BEARKAT WIND B	15INR0064b		GLASSCOCK	WIND	WEST	2018	-
707 INFINITY LIVE OAK WIND	12INR0060		SCHLEICHER	WIND	WEST	2018	-
708 CACTUS FLATS WIND	16INR0086		CONCHO	WIND	WEST	2018	-
709 STAKED PLAINS WIND 1	18INR0025		LYNN	WIND	WEST	2018	-
710 STELLA 1 WIND	15INR0035		KENEDY	WIND-C	COASTAL	2018	-
711 RIO BRAVO I WIND	17INR0005		STARR	WIND	SOUTH	2018	-
712 Planned Capacity Total (Wind)							714.1
713							
714 Planned Wind Capacity Sub-total (Non-Coastal Counties)		WIND_PLANNED_NC					486.1
715 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PL_PEAK_PCT_NC	%				20.0
716							
717 Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C					228.0
718 Wind Peak Average Capacity Percentage (Coastal)		WIND_PL_PEAK_PCT_C	%				42.0
719							
720 Planned Solar Resources with Executed SGIA							
721 FS BARILLA SOLAR 1B [HOVEY_UNIT2]	12INR0059b		PECOS	SOLAR	WEST	2017	7.4
722 SE BUCKTHORN WESTEX SOLAR (RIGGINS SOLAR)	15INR0045		PECOS	SOLAR	WEST	2018	-
723 NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2019	-
724 PECOS SOLAR POWER I	15INR0059		PECOS	SOLAR	WEST	2019	-
725 BNB LAMESA SOLAR (PHASE I)	16INR0023		DAWSON	SOLAR	WEST	2017	101.6
726 LAMESA SOLAR (PHASE II)	16INR0023b		DAWSON	SOLAR	WEST	2019	-
727 CAPRICORN RIDGE SOLAR	16INR0019		COKE	SOLAR	WEST	2018	-
728 CASTLE GAP SOLAR	16INR0065		UPTON	SOLAR	WEST	2018	-
729 SOLAIREHOLMAN 1	15INR0061		BREWSTER	SOLAR	WEST	2017	50.0
730 RE MAPLEWOOD 2A SOLAR	17INR0020a		PECOS	SOLAR	WEST	2018	-
731 RE MAPLEWOOD 2B SOLAR	17INR0020b		PECOS	SOLAR	WEST	2019	-
732 RE MAPLEWOOD 2C SOLAR	17INR0020c		PECOS	SOLAR	WEST	2019	-
733 RE MAPLEWOOD 2D SOLAR	17INR0020d		PECOS	SOLAR	WEST	2020	-
734 RE MAPLEWOOD 2E SOLAR	17INR0020e		PECOS	SOLAR	WEST	2020	-
735 UPTON SOLAR	16INR0114		UPTON	SOLAR	WEST	2018	-
736 WEST OF PECOS SOLAR	14INR0044		REEVES	SOLAR	WEST	2018	-
737 PFLUGERVILLE SOLAR	15INR0090		TRAVIS	SOLAR	SOUTH	2018	-
738 WAYMARK SOLAR	16INR0115		PECOS	SOLAR	WEST	2018	-
739 Planned Capacity Total (Solar)							159.0
740 Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%				9.8
741							
742 Seasonal Mothballed Resources							
743 N/A							
744 Total Seasonal Mothballed Capacity							-
745							
746 Mothballed Resources							
747 SPENCER STG U4 (AS OF 1/3/2018)		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	57.0
748 SPENCER STG U5 (AS OF 1/3/2018)		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0
749 GIBBONS CREEK U1 (AS OF 10/17/17; ENDING MID-MAY TO MID-JUNE)		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0
750 GREENS BAYOU STG U5 (SINCE 5/29/2017)		GBY_GBY_5	HARRIS	GAS	HOUSTON	2016	371.0
751 J T DEELY U1 (AS OF 12/31/2018)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1977	430.0
752 J T DEELY U2 (AS OF 12/31/2018)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1978	420.0
753 S R BERTRON CTG 2 (SINCE 5/15/2013)		SRB_SRBGT_2	HARRIS	GAS	HOUSTON	1967	13.0
754 S R BERTRON U1 (SINCE 5/15/2013)		SRB_SRB_G1	HARRIS	GAS	HOUSTON	1958	118.0
755 S R BERTRON U2 (SINCE 5/15/2013)		SRB_SRB_G2	HARRIS	GAS	HOUSTON	1956	174.0
756 S R BERTRON U3 (SINCE 5/22/2013)		SRB_SRB_G3	HARRIS	GAS	HOUSTON	1959	211.0
757 S R BERTRON U4 (SINCE 5/22/2013)		SRB_SRB_G4	HARRIS	GAS	HOUSTON	1960	211.0
758 Total Mothballed Capacity							2,536.0
759							

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
760 Retiring Resources Unavailable to ERCOT (since last CDR/SARA)							
761 PEARSALL STG U1 (AS OF 8/1/2017)		PEARSALL_PEARs_1	FRIO	GAS	SOUTH	1961	20.0
762 PEARSALL STG U2 (AS OF 8/1/2017)		PEARSALL_PEARs_2	FRIO	GAS	SOUTH	1961	24.0
763 PEARSALL STG U3 (AS OF 8/1/2017)		PEARSALL_PEARs_3	FRIO	GAS	SOUTH	1961	22.0
764 MONTICELLO U1 (AS OF 1/4/2018)		MNSES_UNIT1	TITUS	COAL	NORTH	1974	580.0
765 MONTICELLO U2 (AS OF 1/4/2018)		MNSES_UNIT2	TITUS	COAL	NORTH	1975	580.0
766 MONTICELLO U3 (AS OF 1/4/2018)		MNSES_UNIT3	TITUS	COAL	NORTH	1978	795.0
767 SANDOW U4 (AS OF 1/11/2018; RMR STUDY PENDING)		SDSES_UNIT4	MILAM	COAL	SOUTH	1981	600.0
768 SANDOW U5 (AS OF 1/11/2018; RMR STUDY PENDING)		SDSES_UNIT5	MILAM	COAL	SOUTH	2010	600.0
769 B M DAVIS STG U1 (AS OF 12/31/2017)		B_DAVIS_B_DAVIG1	NUECES	GAS	COASTAL	1974	330.0
770 Total Retiring Capacity							3,551.0

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 one-in-ten-years loss-of-load event criteria on a probabilistic basis.

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.

In contrast to the Capacity, Demand and Reserves (CDR) report, which addresses the sufficiency of planning reserves on an annual basis as described above, the SARA report focuses on the availability of sufficient operating reserves to avoid emergency actions such as deployment of voluntary load reduction resources. Consequently, load reduction resources included in the CDR report, such as Emergency Response Service (ERS) and Load Resources that provide operating reserves (LRs), are excluded from the SARA.

The SARA report is intended to illustrate the range of resource adequacy outcomes that might occur, and thus help fulfill the reporting requirement per Public Utility Commission of Texas rule 25.362(i)(2)(H). Several sensitivity analyses are developed by varying the value of certain parameters that affect resource adequacy. The variation in these parameters is based on historic values of these parameters or adjustments by any known or expected changes.