

**PRELIMINARY
Seasonal Assessment of Resource Adequacy for the ERCOT Region
Winter 2016/2017**

SUMMARY

The ERCOT Region is expected to have sufficient installed generating capacity to serve the forecasted peak demand in the upcoming winter season (December 2016 through February 2017). The forecasted peak demand of 58,591 MW is based on expected winter peak weather conditions. ERCOT also expects that 1,189 MW of planned winter-rated capacity will be added by the start of the winter season.

Based on the scenarios evaluated, an extreme higher-than-normal number of forced generation outages occurring during a period of unusually high demand would be unlikely to result in insufficient resources being available to serve those demands. Even if those conditions coincide with extremely low temperatures and associated capacity reductions resulting from natural gas curtailments, current information indicates that there would be sufficient generation available on a systemwide basis.

This preliminary winter SARA report includes a unit outage forecast of 8,534 MW developed from historical winter season outage data gathered since the start of the Texas Nodal Market in December 2010. Extreme outage scenarios increase that total to more than 13,600 MW.

Although ERCOT has not been notified of changes to available generation capacity for the winter season associated with regulatory requirements, it continues to monitor and consult with generation resource owners regarding their regulatory compliance plans.

Seasonal Assessment of Resource Adequacy for the ERCOT Region
Winter 2016/2017 - Preliminary
Release Date: September 1, 2016

Forecasted Capacity and Demand

Operational Resources (excluding wind), MW	68,707	Based on current ratings reported through the unit registration process
Switchable Capacity Total, MW	3,763	Rated capacity of resources that can interconnect with other regions and are available to ERCOT
less Switchable Capacity Unavailable to ERCOT, MW	(490)	Based on survey responses of Switchable Resource owners
Mothball Resources, MW	0	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Private Use Network Capacity Contribution, MW	4,436	Average capability of the top 20 hours in the winter peak seasons for the past three years
Non-Coastal Wind Resources Capacity Contribution, MW	2,924	Based on 20% of rated capacity for non-coastal wind resources per Nodal Protocols Section 3.2.6.2.2
Coastal Wind Resources Capacity Contribution, MW	717	Based on 35% of rated capacity for coastal wind resources per Nodal Protocols Section 3.2.6.2.2
Solar Utility-Scale, Peak Average Capacity Contribution, MW	14	Based on 5% of rated capacity for solar resources per Nodal Protocols Section 3.2.6.2.2
RMR Resources to be under Contract, MW	0	Gas-fired unit (371 MW) placed under RMR contract on June 2, 2016; not available during winter season
Non-Synchronous Ties Capacity Contribution, MW	246	Average capability of the top 20 hours in the winter peak seasons for the past three years
Planned Thermal Resources with Signed IA, Air Permits and Water Rights, MW	615	Based on projected dates provided by developers of generation resources
Planned Non-Coastal Wind, MW	536	Based on projected dates and 20% of rated capacity for non-coastal wind resources
Planned Coastal Wind, MW	0	Based on projected dates and 35% of rated capacity for coastal wind resources
Planned Solar Utility-Scale with signed IA, MW	38	Based on 5% of rated capacity for solar resources per Nodal Protocols Section 3.2.6.2.2
[a] Total Resources, MW	81,468	
[b] Peak Demand, MW	58,591	Peak forecast is based on expected weather conditions for winter 2016/2017
[c] Reserve Capacity [a - b], MW	22,877	

Range of Potential Scenarios

	Forecasted Season Peak Load	Extreme Load / Typical Generation Outages	Extreme Load / Extreme Generation Outages	
Peak Load Adjustment	0	7,118	7,118	Winter Peak Load Extreme Forecast is 65,709 MW, and is based on 2011 winter weather conditions
Typical Maintenance Outages	4,291	4,291	4,291	Based on historical average of planned outages for December through February weekdays (starting in 2010)
Typical Forced Outages (2)	4,243	5,755	5,755	Based on historical average of forced outages for December through February weekdays (starting in 2010); both Extreme Load scenarios include typical outages/derates due to natural gas curtailments during extreme peak load hours
Extreme Forced Outages (90th Percentile)	0	0	3,586	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	8,534	17,164	20,750	
[e] Capacity Available for Operating Reserves (c-d), MW	14,343	5,713	2,127	
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	1235.0
5 COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1225.0
6 SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1350.0
7 SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1354.0
8 BIG BROWN U1		BBSES_UNIT1	FREESTONE	COAL	NORTH	1971	606.0
9 BIG BROWN U2		BBSES_UNIT2	FREESTONE	COAL	NORTH	1972	602.0
10 COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	660.0
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 GIBBONS CREEK U1		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0
15 J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	560.0
16 J K SPRUCE U2		CALAVERS_JKS2	BEXAR	COAL	SOUTH	2010	775.0
17 J T DEELY U1		CALAVERS_JTD1	BEXAR	COAL	SOUTH	1977	420.0
18 J T DEELY U2		CALAVERS_JTD2	BEXAR	COAL	SOUTH	1978	420.0
19 LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	831.0
20 LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	858.0
21 MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	815.0
22 MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0
23 MONTICELLO U1		MNSES_UNIT1	TITUS	COAL	NORTH	1974	580.0
24 MONTICELLO U2		MNSES_UNIT2	TITUS	COAL	NORTH	1975	580.0
25 MONTICELLO U3		MNSES_UNIT3	TITUS	COAL	NORTH	1978	795.0
26 OAK GROVE SES U1		OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	840.0
27 OAK GROVE SES U2		OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	825.0
28 OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
29 SAN MIGUEL U1		SANMIGL_G1	ATASCOSA	COAL	SOUTH	1982	391.0
30 SANDOW U5		SD5SES_UNITS5	MILAM	COAL	SOUTH	2010	600.0
31 SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	970.0
32 TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	158.0
33 TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	158.0
34 W A PARISH U5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	659.0
35 W A PARISH U6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	658.0
36 W A PARISH U7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0
37 W A PARISH U8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0
38 ARTHUR VON ROSENBERG 1 CTG 1		BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	149.0
39 ARTHUR VON ROSENBERG 1 CTG 2		BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	149.0
40 ARTHUR VON ROSENBERG 1 STG		BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	160.0
41 BARNEY M DAVIS REPOWER CTG 3		B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	165.0
42 BARNEY M DAVIS REPOWER CTG 4		B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	165.0
43 BARNEY M DAVIS REPOWER STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	325.0
44 BASTROP ENERGY CENTER CTG 1		BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	167.0
45 BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	167.0
46 BASTROP ENERGY CENTER STG		BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	234.0
47 BOSQUE ENERGY CENTER CTG 1		BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	170.9
48 BOSQUE ENERGY CENTER STG 4		BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	85.2
49 BOSQUE ENERGY CENTER CTG 2		BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	170.9
50 BOSQUE ENERGY CENTER CTG 3		BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	168.5
51 BOSQUE ENERGY CENTER STG 5		BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	226.7
52 BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	168.0
53 BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	168.0
54 BRAZOS VALLEY STG 3		BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
55 CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	77.5
56 CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	77.5
57 CALENERGY-FALCON SEABOARD STG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	74.0
58 CEDAR BAYOU 4 CTG 1		CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	173.0
59 CEDAR BAYOU 4 CTG 2		CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	173.0
60 CEDAR BAYOU 4 STG		CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	186.0
61 COLORADO BEND ENERGY CENTER CTG 1		CBEC_GT1	WHARTON	GAS	SOUTH	2007	79.0
62 COLORADO BEND ENERGY CENTER CTG 2		CBEC_GT2	WHARTON	GAS	SOUTH	2007	72.0
63 COLORADO BEND ENERGY CENTER STG 1		CBEC_STG1	WHARTON	GAS	SOUTH	2007	102.0
64 COLORADO BEND ENERGY CENTER CTG 3		CBEC_GT3	WHARTON	GAS	SOUTH	2008	77.0
65 COLORADO BEND ENERGY CENTER CTG 4		CBEC_GT4	WHARTON	GAS	SOUTH	2008	73.0
66 COLORADO BEND ENERGY CENTER STG 2		CBEC_STG2	WHARTON	GAS	SOUTH	2008	108.0
67 CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	191.0
68 CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	189.0
69 CVC CHANNELVIEW CTG 3		CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	189.0
70 CVC CHANNELVIEW STG 5		CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	146.0
71 DEER PARK ENERGY CENTER CTG 1		DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	203.0
72 DEER PARK ENERGY CENTER CTG 2		DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	215.0
73 DEER PARK ENERGY CENTER CTG 3		DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	203.0
74 DEER PARK ENERGY CENTER CTG 4		DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	215.0
75 DEER PARK ENERGY CENTER STG		DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	290.0
76 DEER PARK ENERGY CENTER CTG 6		DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	190.0
77 ENNIS POWER STATION CTG 2		ETCCS_CT1	ELLIS	GAS	NORTH	2002	231.0
78 ENNIS POWER STATION STG 1		ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	127.0
79 FERGUSON REPLACEMENT CTG1		FERGCC_FERGCT1	LLANO	GAS	SOUTH	2014	186.1
80 FERGUSON REPLACEMENT CTG2		FERGCC_FERGCT2	LLANO	GAS	SOUTH	2014	186.1
81 FERGUSON REPLACEMENT STG		FERGCC_FERGCT1	LLANO	GAS	SOUTH	2014	194.9

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82 FORNEY ENERGY CENTER CTG 11		FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	192.0
83 FORNEY ENERGY CENTER CTG 12		FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	184.0
84 FORNEY ENERGY CENTER CTG 13		FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	184.0
85 FORNEY ENERGY CENTER CTG 21		FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	192.0
86 FORNEY ENERGY CENTER CTG 22		FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	184.0
87 FORNEY ENERGY CENTER CTG 23		FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	184.0
88 FORNEY ENERGY CENTER CTG 10		FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	420.0
89 FORNEY ENERGY CENTER CTG 20		FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	420.0
90 FREESTONE ENERGY CENTER CTG 1		FREC_GT1	FREESTONE	GAS	NORTH	2002	160.7
91 FREESTONE ENERGY CENTER CTG 2		FREC_GT2	FREESTONE	GAS	NORTH	2002	160.7
92 FREESTONE ENERGY CENTER CTG 3		FREC_ST3	FREESTONE	GAS	NORTH	2002	179.8
93 FREESTONE ENERGY CENTER CTG 4		FREC_GT4	FREESTONE	GAS	NORTH	2002	161.1
94 FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS	NORTH	2002	161.1
95 FREESTONE ENERGY CENTER CTG 6		FREC_ST6	FREESTONE	GAS	NORTH	2002	179.7
96 GUADALUPE ENERGY CENTER CTG 1		GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	167.0
97 GUADALUPE ENERGY CENTER CTG 2		GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	167.0
98 GUADALUPE ENERGY CENTER CTG 3		GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	167.0
99 GUADALUPE ENERGY CENTER CTG 4		GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	167.0
100 GUADALUPE ENERGY CENTER CTG 5		GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	203.0
101 GUADALUPE ENERGY CENTER CTG 6		GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	203.0
102 HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	237.0
103 HAYS ENERGY FACILITY CSG 2		HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	237.0
104 HAYS ENERGY FACILITY CSG 3		HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	247.0
105 HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	247.0
106 HIDALGO ENERGY CENTER CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	150.0
107 HIDALGO ENERGY CENTER CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	150.0
108 HIDALGO ENERGY CENTER CTG 3		DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	176.0
109 JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS	NORTH	2005	165.0
110 JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS	NORTH	2005	165.0
111 JACK COUNTY GEN FACILITY CTG 3		JACKCNTY_STG	JACK	GAS	NORTH	2005	310.0
112 JACK COUNTY GEN FACILITY CTG 4		JCKCNTY2_CT3	JACK	GAS	NORTH	2011	165.0
113 JACK COUNTY GEN FACILITY CTG 5		JCKCNTY2_CT4	JACK	GAS	NORTH	2011	165.0
114 JACK COUNTY GEN FACILITY CTG 6		JCKCNTY2_ST2	JACK	GAS	NORTH	2011	310.0
115 JOHNSON COUNTY GEN FACILITY CTG 1		TEN_CT1	JOHNSON	GAS	NORTH	1997	177.0
116 JOHNSON COUNTY GEN FACILITY CTG 2		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
117 LAMAR ENERGY CENTER CTG 11		LPCCS_CT11	LAMAR	GAS	NORTH	2000	186.0
118 LAMAR ENERGY CENTER CTG 12		LPCCS_CT12	LAMAR	GAS	NORTH	2000	176.0
119 LAMAR ENERGY CENTER CTG 21		LPCCS_CT21	LAMAR	GAS	NORTH	2000	176.0
120 LAMAR ENERGY CENTER CTG 22		LPCCS_CT22	LAMAR	GAS	NORTH	2000	186.0
121 LAMAR ENERGY CENTER CTG 3		LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
122 LAMAR ENERGY CENTER CTG 4		LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
123 LOST PINES POWER CTG 1		LOSTPL_LOSTPGT1	BASTROP	GAS	SOUTH	2001	183.0
124 LOST PINES POWER CTG 2		LOSTPL_LOSTPGT2	BASTROP	GAS	SOUTH	2001	183.0
125 LOST PINES POWER CTG 3		LOSTPL_LOSTPST1	BASTROP	GAS	SOUTH	2001	192.0
126 MAGIC VALLEY STATION CTG 1		NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	218.6
127 MAGIC VALLEY STATION CTG 2		NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	218.6
128 MAGIC VALLEY STATION CTG 3		NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	257.9
129 MIDLOTHIAN ENERGY FACILITY CS 1		MDANP_CT1	ELLIS	GAS	NORTH	2001	240.0
130 MIDLOTHIAN ENERGY FACILITY CS 2		MDANP_CT2	ELLIS	GAS	NORTH	2001	240.0
131 MIDLOTHIAN ENERGY FACILITY CS 3		MDANP_CT3	ELLIS	GAS	NORTH	2001	240.0
132 MIDLOTHIAN ENERGY FACILITY CS 4		MDANP_CT4	ELLIS	GAS	NORTH	2001	240.0
133 MIDLOTHIAN ENERGY FACILITY CS 5		MDANP_CT5	ELLIS	GAS	NORTH	2002	257.0
134 MIDLOTHIAN ENERGY FACILITY CS 6		MDANP_CT6	ELLIS	GAS	NORTH	2002	257.0
135 NUECES BAY REPOWER CTG 8		NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	165.0
136 NUECES BAY REPOWER CTG 9		NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	165.0
137 NUECES BAY REPOWER CTG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	325.0
138 ODESSA-ECTOR POWER CTG 11		OECCS_CT11	ECTOR	GAS	WEST	2001	157.9
139 ODESSA-ECTOR POWER CTG 12		OECCS_CT12	ECTOR	GAS	WEST	2001	151.5
140 ODESSA-ECTOR POWER CTG 21		OECCS_CT21	ECTOR	GAS	WEST	2001	154.0
141 ODESSA-ECTOR POWER CTG 22		OECCS_CT22	ECTOR	GAS	WEST	2001	152.3
142 ODESSA-ECTOR POWER CTG 3		OECCS_UNIT1	ECTOR	GAS	WEST	2001	212.0
143 ODESSA-ECTOR POWER CTG 4		OECCS_UNIT2	ECTOR	GAS	WEST	2001	212.0
144 PANDA SHERMAN POWER CTG1		PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	218.5
145 PANDA SHERMAN POWER CTG2		PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	218.5
146 PANDA SHERMAN POWER CTG 3		PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	333.6
147 PANDA TEMPLE I POWER CTG1		PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	218.5
148 PANDA TEMPLE I POWER CTG2		PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	218.5
149 PANDA TEMPLE I POWER CTG 3		PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	333.6
150 PANDA TEMPLE II POWER CTG1		PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	218.5
151 PANDA TEMPLE II POWER CTG2		PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	218.5
152 PANDA TEMPLE II POWER CTG 3		PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	333.6
153 PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	87.0
154 PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	87.0
155 PARIS ENERGY CENTER CTG 3		TNSKA_STG	LAMAR	GAS	NORTH	1990	89.0
156 PASADENA COGEN FACILITY CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	176.0
157 PASADENA COGEN FACILITY CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	176.0
158 PASADENA COGEN FACILITY CTG 4		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	169.0
159 QUAIL RUN ENERGY CTG 1		QALSW_GT1	ECTOR	GAS	WEST	2007	84.0
160 QUAIL RUN ENERGY CTG 2		QALSW_GT2	ECTOR	GAS	WEST	2007	86.0

Unit Capacities - Winter

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161	QUAIL RUN ENERGY STG 1	QALSW_STG1	ECTOR	GAS	WEST	2007	98.0
162	QUAIL RUN ENERGY CTG 3	QALSW_GT3	ECTOR	GAS	WEST	2008	81.0
163	QUAIL RUN ENERGY CTG 4	QALSW_GT4	ECTOR	GAS	WEST	2008	81.0
164	QUAIL RUN ENERGY STG 2	QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
165	RIO NOGALES POWER CTG 1	RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	175.0
166	RIO NOGALES POWER CTG 2	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	175.0
167	RIO NOGALES POWER CTG 3	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	175.0
168	RIO NOGALES POWER STG 4	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
169	SAM RAYBURN POWER CTG 7	RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
170	SAM RAYBURN POWER CTG 8	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	51.0
171	SAM RAYBURN POWER CTG 9	RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
172	SAM RAYBURN POWER STG 10	RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
173	SANDHILL ENERGY CENTER CTG 5A	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	170.0
174	SANDHILL ENERGY CENTER STG 5C	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	160.0
175	SILAS RAY POWER STG 6	SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	21.0
176	SILAS RAY POWER CTG 9	SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	49.0
177	T H WHARTON POWER CTG 31	THW_THWGT31	HARRIS	GAS	HOUSTON	1972	57.0
178	T H WHARTON POWER CTG 32	THW_THWGT32	HARRIS	GAS	HOUSTON	1972	57.0
179	T H WHARTON POWER CTG 33	THW_THWGT33	HARRIS	GAS	HOUSTON	1972	57.0
180	T H WHARTON POWER CTG 34	THW_THWGT34	HARRIS	GAS	HOUSTON	1972	57.0
181	T H WHARTON POWER CTG 3	THW_THWST_3	HARRIS	GAS	HOUSTON	1974	104.0
182	T H WHARTON POWER CTG 41	THW_THWGT41	HARRIS	GAS	HOUSTON	1972	57.0
183	T H WHARTON POWER CTG 42	THW_THWGT42	HARRIS	GAS	HOUSTON	1972	57.0
184	T H WHARTON POWER CTG 43	THW_THWGT43	HARRIS	GAS	HOUSTON	1974	57.0
185	T H WHARTON POWER CTG 44	THW_THWGT44	HARRIS	GAS	HOUSTON	1974	57.0
186	T H WHARTON POWER STG 4	THW_THWST_4	HARRIS	GAS	HOUSTON	1974	104.0
187	TEXAS CITY POWER CTG A	TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	102.4
188	TEXAS CITY POWER CTG B	TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	102.4
189	TEXAS CITY POWER CTG C	TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	102.4
190	TEXAS CITY POWER STG 1	TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.5
191	VICTORIA POWER CTG 6	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	171.0
192	VICTORIA POWER STG 5	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	132.0
193	WICHITA FALLS CTG 1	WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0
194	WICHITA FALLS CTG 2	WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0
195	WICHITA FALLS CTG 3	WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0
196	WICHITA FALLS STG 4	WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	16.0
197	WISE-TRACTEBEL POWER CTG 1	WCPP_CT1	WISE	GAS	NORTH	2004	275.0
198	WISE-TRACTEBEL POWER CTG 2	WCPP_CT2	WISE	GAS	NORTH	2004	275.0
199	WISE-TRACTEBEL POWER STG 1	WCPP_ST1	WISE	GAS	NORTH	2004	290.0
200	WOLF HOLLOW POWER CTG 1	WHCCS_CT1	HOOD	GAS	NORTH	2002	249.0
201	WOLF HOLLOW POWER CTG 2	WHCCS_CT2	HOOD	GAS	NORTH	2002	249.0
202	WOLF HOLLOW POWER STG	WHCCS_STG	HOOD	GAS	NORTH	2002	293.0
203	ATKINS CTG 7	ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	20.0
204	DANSBY CTG 2	DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	48.0
205	DANSBY CTG 3	DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	50.0
206	DECKER CREEK CTG 1	DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	54.0
207	DECKER CREEK CTG 2	DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	54.0
208	DECKER CREEK CTG 3	DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	54.0
209	DECKER CREEK CTG 4	DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	54.0
210	DECORDOVA CTG 1	DCSES_CT10	HOOD	GAS	NORTH	1990	80.0
211	DECORDOVA CTG 2	DCSES_CT20	HOOD	GAS	NORTH	1990	79.0
212	DECORDOVA CTG 3	DCSES_CT30	HOOD	GAS	NORTH	1990	78.0
213	DECORDOVA CTG 4	DCSES_CT40	HOOD	GAS	NORTH	1990	77.0
214	ECTOR COUNTY ENERGY CTG 1	ECEC_G1	ECTOR	GAS	WEST	2015	170.4
215	ECTOR COUNTY ENERGY CTG 2	ECEC_G2	ECTOR	GAS	WEST	2015	170.4
216	EXTEX LAPORTE GEN STN CTG 1	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	45.0
217	EXTEX LAPORTE GEN STN CTG 2	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	45.0
218	EXTEX LAPORTE GEN STN CTG 3	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	45.0
219	EXTEX LAPORTE GEN STN CTG 4	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	45.0
220	GREENS BAYOU CTG 73	GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	54.0
221	GREENS BAYOU CTG 74	GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	54.0
222	GREENS BAYOU CTG 81	GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	54.0
223	GREENS BAYOU CTG 82	GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	58.0
224	GREENS BAYOU CTG 83	GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	64.0
225	GREENS BAYOU CTG 84	GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	54.0
226	GREENVILLE IC ENGINE PLANT	STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.4
227	GREENVILLE IC ENGINE PLANT	STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.4
228	GREENVILLE IC ENGINE PLANT	STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.4
229	LAREDO CTG 4	LARDVFTN_G4	WEBB	GAS	SOUTH	2008	97.4
230	LAREDO CTG 5	LARDVFTN_G5	WEBB	GAS	SOUTH	2008	94.4
231	LEON CREEK PEAKER CTG 1	LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	45.0
232	LEON CREEK PEAKER CTG 2	LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	46.0
233	LEON CREEK PEAKER CTG 3	LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	44.0
234	LEON CREEK PEAKER CTG 4	LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	46.0
235	MORGAN CREEK CTG 1	MGSES_CT1	MITCHELL	GAS	WEST	1988	81.0
236	MORGAN CREEK CTG 2	MGSES_CT2	MITCHELL	GAS	WEST	1988	81.0
237	MORGAN CREEK CTG 3	MGSES_CT3	MITCHELL	GAS	WEST	1988	81.0
238	MORGAN CREEK CTG 4	MGSES_CT4	MITCHELL	GAS	WEST	1988	81.0
239	MORGAN CREEK CTG 5	MGSES_CT5	MITCHELL	GAS	WEST	1988	81.0

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
240	MORGAN CREEK CTG 6	MGSES_CT6	MITCHELL	GAS	WEST	1988	81.0
241	PEARSALL IC ENGINE PLANT A	PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
242	PEARSALL IC ENGINE PLANT B	PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
243	PEARSALL IC ENGINE PLANT C	PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
244	PEARSALL IC ENGINE PLANT D	PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
245	PERMIAN BASIN CTG 1	PB2SES_CT1	WARD	GAS	WEST	1988	71.0
246	PERMIAN BASIN CTG 2	PB2SES_CT2	WARD	GAS	WEST	1988	71.0
247	PERMIAN BASIN CTG 3	PB2SES_CT3	WARD	GAS	WEST	1988	74.0
248	PERMIAN BASIN CTG 4	PB2SES_CT4	WARD	GAS	WEST	1990	75.0
249	PERMIAN BASIN CTG 5	PB2SES_CT5	WARD	GAS	WEST	1990	75.0
250	R W MILLER CTG 4	MIL_MILLERG4	PALO PINTO	GAS	NORTH	1994	115.0
251	R W MILLER CTG 5	MIL_MILLERG5	PALO PINTO	GAS	NORTH	1994	115.0
252	RAY OLINGER CTG 4	OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	84.0
253	SAM RAYBURN CTG 1	RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	13.5
254	SAM RAYBURN CTG 2	RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	13.5
255	SAN JACINTO SES CTG 1	SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	81.0
256	SAN JACINTO SES CTG 2	SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	81.0
257	SANDHILL ENERGY CENTER CTG 1	SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	48.0
258	SANDHILL ENERGY CENTER CTG 2	SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	48.0
259	SANDHILL ENERGY CENTER CTG 3	SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	48.0
260	SANDHILL ENERGY CENTER CTG 4	SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	48.0
261	SANDHILL ENERGY CENTER CTG 6	SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	48.0
262	SANDHILL ENERGY CENTER CTG 7	SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	48.0
263	SILAS RAY CTG 10	SILASRAY_SILAS_10	CAMERON	GAS	COASTAL	2004	46.0
264	SKY GLOBAL POWER ONE A	SKY1_SKY1A	COLORADO	GAS	SOUTH	2016	26.7
265	SKY GLOBAL POWER ONE B	SKY1_SKY1B	COLORADO	GAS	SOUTH	2016	26.7
266	T H WHARTON CTG 51	THW_THWGT51	HARRIS	GAS	HOUSTON	1975	57.0
267	T H WHARTON CTG 52	THW_THWGT52	HARRIS	GAS	HOUSTON	1975	57.0
268	T H WHARTON CTG 53	THW_THWGT53	HARRIS	GAS	HOUSTON	1975	57.0
269	T H WHARTON CTG 54	THW_THWGT54	HARRIS	GAS	HOUSTON	1975	57.0
270	T H WHARTON CTG 55	THW_THWGT55	HARRIS	GAS	HOUSTON	1975	57.0
271	T H WHARTON CTG 56	THW_THWGT56	HARRIS	GAS	HOUSTON	1975	57.0
272	T H WHARTON CTG G1	THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0
273	TEXAS GULF SULPHUR	TGF_TGFGT_1	WHARTON	GAS	SOUTH	1985	89.0
274	V H BRAUNIG CTG 5	BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
275	V H BRAUNIG CTG 6	BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
276	V H BRAUNIG CTG 7	BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
277	V H BRAUNIG CTG 8	BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	47.0
278	W A PARISH CTG 1	WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	1967	13.0
279	W A PARISH - PETRA NOVA CTG	PNPI_GT2	FORT BEND	GAS	HOUSTON	2013	88.0
280	WINCHESTER POWER PARK CTG 1	WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	46.0
281	WINCHESTER POWER PARK CTG 2	WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	46.0
282	WINCHESTER POWER PARK CTG 3	WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	46.0
283	WINCHESTER POWER PARK CTG 4	WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	46.0
284	B M DAVIS STG U1	B_DAVIS_B_DAVIG1	NUECES	GAS	COASTAL	1974	330.0
285	CEDAR BAYOU STG U1	CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
286	CEDAR BAYOU STG U2	CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
287	DANSBY STG U1	DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	110.0
288	DECKER CREEK STG U1	DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	320.0
289	DECKER CREEK STG U2	DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	428.0
290	GRAHAM STG U1	GRSES_UNIT1	YOUNG	GAS	WEST	1960	234.0
291	GRAHAM STG U2	GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
292	HANDLEY STG U3	HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
293	HANDLEY STG U4	HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
294	HANDLEY STG U5	HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
295	LAKE HUBBARD STG U1	LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
296	LAKE HUBBARD STG U2	LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	523.0
297	MOUNTAIN CREEK STG U6	MCSES_UNIT6	DALLAS	GAS	NORTH	1956	122.0
298	MOUNTAIN CREEK STG U7	MCSES_UNIT7	DALLAS	GAS	NORTH	1958	118.0
299	MOUNTAIN CREEK STG U8	MCSES_UNIT8	DALLAS	GAS	NORTH	1967	568.0
300	O W SOMMERS STG U1	CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
301	O W SOMMERS STG U2	CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	410.0
302	PEARSALL STG U1	PEARSALL_PEAR_1	FRIO	GAS	SOUTH	1961	20.0
303	PEARSALL STG U2	PEARSALL_PEAR_2	FRIO	GAS	SOUTH	1961	24.0
304	PEARSALL STG U3	PEARSALL_PEAR_3	FRIO	GAS	SOUTH	1961	22.0
305	POWERLANE PLANT STG U1	STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	20.0
306	POWERLANE PLANT STG U2	STEAM_STEAM_2	HUNT	GAS	NORTH	1967	26.0
307	POWERLANE PLANT STG U3	STEAM_STEAM_3	HUNT	GAS	NORTH	1978	41.0
308	R W MILLER STG U1	MIL_MILLERG1	PALO PINTO	GAS	NORTH	1968	75.0
309	R W MILLER STG U2	MIL_MILLERG2	PALO PINTO	GAS	NORTH	1972	120.0
310	R W MILLER STG U3	MIL_MILLERG3	PALO PINTO	GAS	NORTH	1975	208.0
311	RAY OLINGER STG U1	OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
312	RAY OLINGER STG U2	OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0
313	RAY OLINGER STG U3	OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
314	SIM GIDEON STG U1	GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
315	SIM GIDEON STG U2	GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0
316	SIM GIDEON STG U3	GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	340.0
317	SPENCER STG U4	SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	61.0
318	SPENCER STG U5	SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
319	STRYKER CREEK STG U1	SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0
320	STRYKER CREEK STG U2	SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0
321	TRINIDAD STG U6	TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	235.0
322	V H BRAUNIG STG U1	BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	220.0
323	V H BRAUNIG STG U2	BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
324	V H BRAUNIG STG U3	BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
325	W A PARISH STG U1	WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0
326	W A PARISH STG U2	WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0
327	W A PARISH STG U3	WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	258.0
328	W A PARISH STG U4	WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	552.0
329	NACOGDOCHES POWER	NACPW_UNIT1	NACOGDOCHE	BIOMASS	NORTH	2012	105.0
330	BIOENERGY AUSTIN WALZEM RD LFG	DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
331	BIOENERGY TEXAS COVEL GARDENS LFG	DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
332	FORT WORTH METHANE LFG	DG_RDLML_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6
333	GRAND PRAIRIE LFG	DG_TRIRA_1UNIT	DALLAS	BIOMASS	NORTH	2015	4.0
334	MCKINNEY LFG	DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2
335	NELSON GARDENS LFG	DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2
336	SKYLINE LFG	DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
337	TRINITY OAKS LFG	DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2
338	VIRIDIS ENERGY-ALVIN LFG	DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7
339	VIRIDIS ENERGY-HUMBLE LFG	DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
340	VIRIDIS ENERGY-LIBERTY LFG	DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
341	VIRIDIS ENERGY-TRINITY BAY LFG	DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
342	WM RENEWABLE-AUSTIN LFG	DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
343	WM RENEWABLE-DFW GAS RECOVERY LFG	DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
344	WM RENEWABLE-BIOENERGY PARTNERS LFG	DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
345	WM RENEWABLE-MESQUITE CREEK LFG	DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
346	WM RENEWABLE-WESTSIDE LFG	DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
347	NOTREES BATTERY FACILITY	NWF_NBS	WINKLER	STORAGE	WEST	2012	0.0
348	Operational Capacity Total (Nuclear, Coal, Gas, Biomass)						68,439.8
349							
350	Operational Resources (Hydro)						
351	AMISTAD HYDRO 1	AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9
352	AMISTAD HYDRO 2	AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
353	AUSTIN HYDRO 1	AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
354	AUSTIN HYDRO 2	AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
355	BUCHANAN HYDRO 1	BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
356	BUCHANAN HYDRO 2	BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
357	BUCHANAN HYDRO 3	BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
358	DENISON DAM 1	DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
359	DENISON DAM 2	DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
360	FALCON HYDRO 1	FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
361	FALCON HYDRO 2	FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
362	FALCON HYDRO 3	FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
363	GRANITE SHOALS HYDRO 1	WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
364	GRANITE SHOALS HYDRO 2	WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
365	INKS HYDRO 1	INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
366	MARBLE FALLS HYDRO 1	MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
367	MARBLE FALLS HYDRO 2	MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
368	MARSHALL FORD HYDRO 1	MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0
369	MARSHALL FORD HYDRO 2	MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
370	MARSHALL FORD HYDRO 3	MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	29.0
371	WHITNEY DAM HYDRO	WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	24.0
372	WHITNEY DAM HYDRO 2	WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	24.0
373	ARLINGTON OUTLET HYDROELECTRIC FACILITY	DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
374	EAGLE PASS HYDRO	DG_EAGLE_HY_EAGLE	MAVERICK	HYDRO	SOUTH	2005	9.6
375	GUADALUPE BLANCO RIVER AUTH-CANYON	DG_CANYHY_CANYHYG	COMAL	HYDRO	SOUTH	1989	6.0
376	GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP	DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
377	GUADALUPE BLANCO RIVER AUTH-MCQUEENEY	DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
378	GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE	DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
379	LEWISVILLE HYDRO-CITY OF GARLAND	DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
380	Operational Capacity Total (Hydro)						555.1
381	Hydro Capacity Contribution (Top 20 Hours)	HYDRO_CAP_CONT					442.1
382							
383	Operational Capacity Unavailable due to Extended Outage or Derate	OPERATION_UNAVAIL					-175.0
384	Operational Capacity Total (Including Hydro)	OPERATION_TOTAL					68,706.9
385							
386	Operational Resources (Switchable)						
387	TENASKA KIAMICHI STATION 1CT101	KMCHI_1CT101	FANNIN	GAS	NORTH	2003	178.0
388	TENASKA KIAMICHI STATION 1CT201	KMCHI_1CT201	FANNIN	GAS	NORTH	2003	180.0
389	TENASKA KIAMICHI STATION 1ST	KMCHI_1ST	FANNIN	GAS	NORTH	2003	307.0
390	TENASKA KIAMICHI STATION 2CT101	KMCHI_2CT101	FANNIN	GAS	NORTH	2003	178.0
391	TENASKA KIAMICHI STATION 2CT201	KMCHI_2CT201	FANNIN	GAS	NORTH	2003	180.0
392	TENASKA KIAMICHI STATION 2ST	KMCHI_2ST	FANNIN	GAS	NORTH	2003	307.0
393	TENASKA FRONTIER STATION CTG 1	FTR_FTR_G1	GRIMES	GAS	NORTH	2000	180.0
394	TENASKA FRONTIER STATION CTG 2	FTR_FTR_G2	GRIMES	GAS	NORTH	2000	180.0
395	TENASKA FRONTIER STATION CTG 3	FTR_FTR_G3	GRIMES	GAS	NORTH	2000	180.0
396	TENASKA FRONTIER STATION CTG 4	FTR_FTR_G4	GRIMES	GAS	NORTH	2000	400.0
397	TENASKA GATEWAY STATION CTG 1	TGCCS_CT1	RUSK	GAS	NORTH	2001	162.0

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
398 TENASKA GATEWAY STATION CTG 2		TGCCS_CT2	RUSK	GAS	NORTH	2001	179.0
399 TENASKA GATEWAY STATION CTG 3		TGCCS_CT3	RUSK	GAS	NORTH	2001	178.0
400 TENASKA GATEWAY STATION STG 4		TGCCS_UNIT4	RUSK	GAS	NORTH	2001	389.0
401 FRONTERA GENERATION CTG 1		FRONTERA_FRONTTEG1	HIDALGO	GAS	SOUTH	1999	0.0
402 FRONTERA GENERATION CTG 2		FRONTERA_FRONTTEG2	HIDALGO	GAS	SOUTH	1999	0.0
403 FRONTERA GENERATION STG		FRONTERA_FRONTTEG3	HIDALGO	GAS	SOUTH	2000	0.0
404 ELK STATION CTG 1		AEEC_ELK_1	HALE	GAS	WEST	2016	195.0
405 ELK STATION CTG 2		AEEC_ELK_2	HALE	GAS	WEST	2016	195.0
406 ELK STATION CTG 3		AEEC_ELK_2	HALE	GAS	WEST	2016	195.0
407 Switchable Capacity Total							3,763.0
408							
409 Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL		GAS			-490.0
410							
411 Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL		COAL			0.0
412							
413 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			4,428.0
414 Private-Use Network Forecast Adjustment (per Protocol 10.3.2.4)		PUN_CAP_ADJUST		GAS			8.0
415							
416 Operational Resources (Wind)							
417 ANACACHO WIND		ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8
418 BARTON CHAPEL WIND		BRTSW_BCW1	JACK	WIND	NORTH	2007	120.0
419 BLUE SUMMIT WIND 5		BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0
420 BLUE SUMMIT WIND 6		BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4
421 BOBCAT BLUFF WIND		BCATWIND_WIND_1	ARCHER	WIND	WEST	2012	150.0
422 BRISCOE WIND		BRISCOE_WIND	BRISCOE	WIND	PANHANDLE	2015	149.8
423 BUFFALO GAP WIND 1		BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6
424 BUFFALO GAP WIND 2_1		BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5
425 BUFFALO GAP WIND 2_2		BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0
426 BUFFALO GAP WIND 3		BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2008	170.2
427 BULL CREEK WIND U1		BULLCRK_WND1	BORDEN	WIND	WEST	2009	88.0
428 BULL CREEK WIND U2		BULLCRK_WND2	BORDEN	WIND	WEST	2009	90.0
429 CALLAHAN WIND		CALLAHAN_WND1	CALLAHAN	WIND	WEST	2004	114.0
430 CAMP SPRINGS WIND 1		CSEC_CSECG1	SCURRY	WIND	WEST	2007	130.5
431 CAMP SPRINGS WIND 2		CSEC_CSECG2	SCURRY	WIND	WEST	2007	120.0
432 CAPRICORN RIDGE WIND 1		CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5
433 CAPRICORN RIDGE WIND 2		CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0
434 CAPRICORN RIDGE WIND 3		CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5
435 CAPRICORN RIDGE WIND 4		CAPRIDGE_CR4	COKE	WIND	WEST	2008	112.5
436 CEDRO HILL WIND 1		CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0
437 CEDRO HILL WIND 2		CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0
438 CHAMPION WIND		CHAMPION_UNIT1	NOLAN	WIND	WEST	2008	126.5
439 DESERT SKY WIND 1		INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0
440 DESERT SKY WIND 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5
441 DOUG COLBECK'S CORNER (CONWAY) A		GRANDVW1_COLA	CARSON	WIND	PANHANDLE	2016	100.2
442 DOUG COLBECK'S CORNER (CONWAY) B		GRANDVW1_COLB	CARSON	WIND	PANHANDLE	2016	100.2
443 ELBOW CREEK WIND		ELB_ELBCREEK	HOWARD	WIND	WEST	2008	118.7
444 FOREST CREEK WIND		MCDLD_FCW1	GLASSCOCK	WIND	WEST	2007	124.2
445 GOAT WIND		GOAT_GOATWIND	STERLING	WIND	WEST	2008	80.0
446 GOAT WIND 2		GOAT_GOATWIND2	STERLING	WIND	WEST	2010	69.6
447 GOLDTHWAITE WIND 1		GWEC_GWEC_G1	MILLS	WIND	NORTH	2014	148.6
448 GRANDVIEW WIND 1 (CONWAY) GV1A		GRANDVW1_GV1A	CARSON	WIND	PANHANDLE	2014	107.4
449 GRANDVIEW WIND 1 (CONWAY) GV1B		GRANDVW1_GV1B	CARSON	WIND	PANHANDLE	2014	103.8
450 GREEN MOUNTAIN WIND (BRAZOS) U1		BRAZ_WND_WND1	SCURRY	WIND	WEST	2003	99.0
451 GREEN MOUNTAIN WIND (BRAZOS) U2		BRAZ_WND_WND2	SCURRY	WIND	WEST	2003	61.0
452 GREEN PASTURES WIND I		GPASTURE_WIND_I	BAYLOR	WIND	WEST	2015	150.0
453 GREEN PASTURES WIND 2		GPASTURE_WIND_II	BAYLOR	WIND	WEST	2015	150.0
454 HACKBERRY WIND		HWF_HWFG1	SHACKELFORE	WIND	WEST	2008	163.5
455 HEREFORD WIND G		HRFDWIND_WIND_G	DEAF SMITH	WIND	PANHANDLE	2015	99.9
456 HEREFORD WIND V		HRFDWIND_WIND_V	DEAF SMITH	WIND	PANHANDLE	2015	100.0
457 HORSE HOLLOW WIND 1		H_HOLLOW_WND1	TAYLOR	WIND	WEST	2005	206.6
458 HORSE HOLLOW WIND 2		HHOLLOW2_WND1	TAYLOR	WIND	WEST	2006	158.0
459 HORSE HOLLOW WIND 3		HHOLLOW3_WND_1	TAYLOR	WIND	WEST	2006	223.5
460 HORSE HOLLOW WIND 4		HHOLLOW4_WND1	TAYLOR	WIND	WEST	2006	115.0
461 INADALE WIND		INDL_INADALE1	NOLAN	WIND	WEST	2008	196.6
462 INDIAN MESA WIND		INDNWPW_INDNNWP	PECOS	WIND	WEST	2001	82.5
463 JAVELINA WIND 18		BORDAS_JAVEL18	WEBB	WIND	SOUTH	2015	19.7
464 JAVELINA WIND 20		BORDAS_JAVEL20	WEBB	WIND	SOUTH	2015	230.0
465 JUMBO ROAD WIND 1		HRFDWIND_JRDWIND1	DEAF SMITH	WIND	PANHANDLE	2015	146.2
466 JUMBO ROAD WIND 2		HRFDWIND_JRDWIND2	DEAF SMITH	WIND	PANHANDLE	2015	153.6
467 KEECHI WIND 138 KV JOPLIN		KEECHI_U1	JACK	WIND	NORTH	2015	110.0
468 KING MOUNTAIN WIND (NE)		KING_NE_KINGNE	UPTON	WIND	WEST	2001	79.3
469 KING MOUNTAIN WIND (NW)		KING_NW_KINGNW	UPTON	WIND	WEST	2001	79.3
470 KING MOUNTAIN WIND (SE)		KING_SE_KINGSE	UPTON	WIND	WEST	2001	40.3
471 KING MOUNTAIN WIND (SW)		KING_SW_KINGSW	UPTON	WIND	WEST	2001	79.3
472 LANGFORD WIND POWER		LGD_LANGFORD	TOM GREEN	WIND	WEST	2009	155.0
473 LOGANS GAP WIND I U1		LGW_UNIT1	COMANCHE	WIND	NORTH	2015	103.8
474 LOGANS GAP WIND I U2		LGW_UNIT2	COMANCHE	WIND	NORTH	2015	106.3
475 LONE STAR WIND 1 (MESQUITE)		LNCRK_G83	SHACKELFORE	WIND	WEST	2006	200.0
476 LONE STAR WIND 2 (POST OAK) U1		LNCRK2_G871	SHACKELFORE	WIND	WEST	2007	100.0

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
477 LONE STAR WIND 2 (POST OAK) U2		LNCRK2_G872	SHACKELFORE	WIND	WEST	2007	100.0
478 LONGHORN WIND NORTH U1		LHORN_N_UNIT1	FLOYD	WIND	PANHANDLE	2015	100.0
479 LONGHORN WIND NORTH U2		LHORN_N_UNIT2	FLOYD	WIND	PANHANDLE	2015	100.0
480 LORAIN WINDPARK I		LONEWOLF_G1	MITCHELL	WIND	WEST	2009	49.5
481 LORAIN WINDPARK II		LONEWOLF_G2	MITCHELL	WIND	WEST	2009	51.0
482 LORAIN WINDPARK III		LONEWOLF_G3	MITCHELL	WIND	WEST	2011	25.5
483 LORAIN WINDPARK IV		LONEWOLF_G4	MITCHELL	WIND	WEST	2011	24.0
484 LOS VIENTOS III WIND		LV3_UNIT_1	STARR	WIND	SOUTH	2015	200.0
485 MESQUITE CREEK WIND 1		MESQCRK_WND1	DAWSON	WIND	WEST	2015	105.6
486 MESQUITE CREEK WIND 2		MESQCRK_WND2	DAWSON	WIND	WEST	2015	105.6
487 MIAMI WIND G1		MIAM1_G1	GRAY	WIND	PANHANDLE	2014	144.3
488 MIAMI WIND G2		MIAM1_G2	GRAY	WIND	PANHANDLE	2014	144.3
489 MCADOO WIND		MWEC_G1	DICKENS	WIND	PANHANDLE	2008	150.0
490 NOTREES WIND 1		NWF_NWF1	WINKLER	WIND	WEST	2009	92.6
491 NOTREES WIND 2		NWF_NWF2	WINKLER	WIND	WEST	2009	60.0
492 OCOTILLO WIND		OWF_OWF	HOWARD	WIND	WEST	2008	58.8
493 PANHANDLE WIND 1 U1		PH1_UNIT1	CARSON	WIND	PANHANDLE	2014	109.2
494 PANHANDLE WIND 1 U2		PH1_UNIT2	CARSON	WIND	PANHANDLE	2014	109.2
495 PANHANDLE WIND 2 U1		PH2_UNIT1	CARSON	WIND	PANHANDLE	2014	94.2
496 PANHANDLE WIND 2 U2		PH2_UNIT2	CARSON	WIND	PANHANDLE	2014	96.6
497 PANTHER CREEK WIND 1		PC_NORTH_PANTHER1	HOWARD	WIND	WEST	2008	142.5
498 PANTHER CREEK WIND 2		PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	2008	115.5
499 PANTHER CREEK WIND 3		PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	2009	199.5
500 PECOS WIND 1 (WOODWARD)		WOODWRD1_WOODWR	PECOS	WIND	WEST	2001	82.5
501 PECOS WIND 2 (WOODWARD)		WOODWRD2_WOODWR	PECOS	WIND	WEST	2001	77.2
502 PYRON WIND		PYR_PYRON1	SCURRY	WIND	WEST	2008	249.0
503 RATTLESNAKE DEN WIND PHASE 1 G1		RSNAKE_G1	GLASSCOCK	WIND	WEST	2015	104.3
504 RATTLESNAKE DEN WIND PHASE 1 G2		RSNAKE_G2	GLASSCOCK	WIND	WEST	2015	103.0
505 RED CANYON WIND		RDCANYON_RDCNY1	BORDEN	WIND	WEST	2006	84.0
506 ROSCOE WIND		TKWSW1_ROSCOE	NOLAN	WIND	WEST	2008	209.0
507 ROUTE 66 WIND		ROUTE_66_WIND1	CARSON	WIND	PANHANDLE	2015	150.0
508 SAND BLUFF WIND		MCDLD_SBW1	GLASSCOCK	WIND	WEST	2008	90.0
509 SENDERO WIND ENERGY		EXGNSND_WIND_1	JIM HOGG	WIND	SOUTH	2015	76.0
510 SENATE WIND		SENATEWD_UNIT1	JACK	WIND	NORTH	2012	150.0
511 SHANNON WIND		SHANNONW_UNIT_1	CLAY	WIND	WEST	2015	204.1
512 SHERBINO 1 WIND		KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0
513 SHERBINO 2 WIND		KEO_SHRBINO2	PECOS	WIND	WEST	2011	147.5
514 SILVER STAR WIND		FLTCK_SSI	EASTLAND	WIND	NORTH	2008	60.0
515 SNYDER WIND		ENAS_ENA1	SCURRY	WIND	WEST	2007	63.0
516 SOUTH PLAINS WIND I		SPLAIN1_WIND1	FLOYD	WIND	PANHANDLE	2015	102.0
517 SOUTH PLAINS WIND 2		SPLAIN1_WIND2	FLOYD	WIND	PANHANDLE	2015	98.0
518 SOUTH PLAINS WIND II A		SPLAIN2_WIND21	FLOYD	WIND	PANHANDLE	2016	148.5
519 SOUTH PLAINS WIND II B		SPLAIN2_WIND22	FLOYD	WIND	PANHANDLE	2016	151.8
520 SOUTH TRENT WIND		STWF_T1	NOLAN	WIND	WEST	2008	98.2
521 SPINNING SPUR WIND TWO		SSPURTWO_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0
522 SPINNING SPUR 3 [WIND 1]		SSPURTWO_SS3WIND1	OLDHAM	WIND	PANHANDLE	2015	96.0
523 SPINNING SPUR 3 [WIND 2]		SSPURTWO_SS3WIND2	OLDHAM	WIND	PANHANDLE	2015	98.0
524 STANTON WIND ENERGY		SWEC_G1	MARTIN	WIND	WEST	2008	120.0
525 STEPHENS RANCH WIND 1		SRWE1_UNIT1	BORDEN	WIND	WEST	2014	211.2
526 STEPHENS RANCH WIND 2		SRWE1_SRWE2	BORDEN	WIND	WEST	2015	164.7
527 SWEETWATER WIND 1		SWEETWND_WND1	NOLAN	WIND	WEST	2003	36.6
528 SWEETWATER WIND 2A		SWEETWN2_WND24	NOLAN	WIND	WEST	2006	18.1
529 SWEETWATER WIND 2B		SWEETWN2_WND2	NOLAN	WIND	WEST	2004	105.0
530 SWEETWATER WIND 3A		SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	28.5
531 SWEETWATER WIND 3B		SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	100.5
532 SWEETWATER WIND 4-5		SWEETWN4_WND5	NOLAN	WIND	WEST	2007	79.2
533 SWEETWATER WIND 4-4B		SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	103.7
534 SWEETWATER WIND 4-4A		SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	117.8
535 TEXAS BIG SPRING WIND a		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7
536 TEXAS BIG SPRING WIND b		SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6
537 TRENT WIND		TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
538 TRINITY HILLS WIND 1		TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	117.5
539 TRINITY HILLS WIND 2		TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	107.5
540 TURKEY TRACK WIND		TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
541 WEST TEXAS WIND		SW_MESA_SW_MESA	UPTON	WIND	WEST	1999	80.3
542 WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0
543 WHITETAIL WIND		EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	91.0
544 WINDTHORST 2 WIND		WNDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6
545 WKN MOZART WIND		MOZART_WIND_1	KENT	WIND	WEST	2012	30.0
546 WOLF RIDGE WIND		WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5
547 TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND	WEST	2008	2.0
548 WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0
549 Operational Wind Capacity Sub-total (Non-Coastal Counties)							14,617.9
550 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PEAK_PCT_NC	%				20.0
551							
552 BAFFIN WIND UNIT1		BAFFIN_UNIT1	KENEDY	WIND-C	COASTAL	2016	100.0
553 BAFFIN WIND UNIT2		BAFFIN_UNIT2	KENEDY	WIND-C	COASTAL	2016	102.0
554 CAMERON COUNTY WIND [CAMWIND_UNIT1]		CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	2016	165.0
555 GULF WIND I		TGW_T1	KENEDY	WIND-C	COASTAL	2010	141.6

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
556 GULF WIND II		TGW_T2	KENEDY	WIND-C	COASTAL	2010	141.6
557 LOS VIENTOS WIND I		LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1
558 LOS VIENTOS WIND II		LV1_LV1B	WILLACY	WIND-C	COASTAL	2013	201.6
559 MAGIC VALLEY WIND (REDFISH) 1A		REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8
560 MAGIC VALLEY WIND (REDFISH) 1B		REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5
561 PAPALOTE CREEK WIND		PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9
562 PAPALOTE CREEK WIND II		COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1
563 PENASCAL WIND 1		PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8
564 PENASCAL WIND 2		PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6
565 PENASCAL WIND 3		PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8
566 HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0
567 Operational Wind Capacity Sub-total (Coastal Counties)							2,047.4
568 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				35.0
569							
570 Operational Wind Capacity Total (All Counties)		WIND_OPERATIONAL					16,665.3
571							
572 Operational Resources (Solar)							
573 ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
574 FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2014	22.0
575 OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
576 OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
577 OCI ALAMO 5 (DOWNIE RANCH)		HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	2015	95.0
578 WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
579 BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
580 BLUE WING 2 SOLAR		DG_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
581 OCI ALAMO 2 SOLAR-ST. HEDWIG		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4
582 OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
583 RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSERVSS_CCS1	DENTON	SOLAR	NORTH	2015	2.0
584 SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
585 SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
586 SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
587 SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
588 Operational Capacity Total (Solar)							287.7
589 Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				5.0
590							
591 Available Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			0.0
592							
593 Non-Synchronous Tie Resources							
594 EAST TIE		DC_E	FANNIN		NORTH		600.0
595 NORTH TIE		DC_N	WILBARGER		WEST		220.0
596 EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0
597 LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0
598 SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0
599 SHARYLAND RAILROAD TIE 2		DC_R2	HIDALGO		SOUTH		150.0
600 Non-Synchronous Ties Total							1,250.0
601 Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			246.4
602							
603 Planned Thermal Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights							
604 COLORADO BEND II		17INR0007	WHARTON	GAS	SOUTH	2017	0.0
605 TEXAS CLEAN ENERGY PROJECT		13INR0023	ECTOR	COAL	WEST	2019	0.0
606 FGE TEXAS I PROJECT		16INR0010	MITCHELL	GAS	WEST	2018	0.0
607 ANTELOPE 1-3 IC (Switchable; Capacity = 168.0 MW)		13INR0028	HALE	GAS	WEST	2016	0.0
608 LA PALOMA ENERGY CENTER PROJECT		16INR0004	CAMERON	GAS	COASTAL	2019	0.0
609 PHR PEAKERS [BAC_CTG1-6]		14INR0038	GALVESTON	GAS	HOUSTON	2016	390.0
610 INDECK WHARTON ENERGY CENTER		15INR0023	WHARTON	GAS	SOUTH	2019	0.0
611 PINECREST ENERGY CENTER PROJECT		16INR0006	ANGELINA	GAS	NORTH	2017	0.0
612 RED GATE IC PLANT [REDGATE_AGR_A-D]		14INR0040	HIDALGO	GAS	SOUTH	2016	225.0
613 WOLF HOLLOW 2		17INR0009	HOOD	GAS	NORTH	2017	0.0
614 FRIENDSWOOD G		13INR0049	HARRIS	GAS	HOUSTON	2017	0.0
615 BETHEL CAES PROJECT		15INR0013	ANDERSON	STORAGE	NORTH	2018	0.0
616 HALYARD HENDERSON		16INR0045	HENDERSON	GAS	NORTH	2018	0.0
617 HALYARD WHARTON ENERGY CENTER		16INR0044	WHARTON	GAS	SOUTH	2018	0.0
618 Planned Capacity Total (Coal, Gas & Storage)							615.0
619							
620 Planned Wind Resources with Executed SGIA							
621 ALBERCAS WIND		15INR0049	ZAPATA	WIND	SOUTH	2016	0.0
622 GUNSIGHT MOUNTAIN WIND		08INR0018	HOWARD	WIND	WEST	2016	120.0
623 MIDWAY FARMS WIND		11INR0054	SAN PATRICIO	WIND-C	COASTAL	2017	0.0
624 LONGHORN WIND SOUTH		14INR0023b	BRISCOE	WIND	PANHANDLE	2017	0.0
625 MARIAH WIND A		13INR0010a	PARMER	WIND	PANHANDLE	2018	0.0
626 MARIAH WIND B		13INR0010b	PARMER	WIND	PANHANDLE	2016	230.4
627 MARIAH DEL SUR		13INR0010c	PARMER	WIND	PANHANDLE	2018	0.0
628 RATTLESNAKE DEN WIND 2		13INR0020b	GLASSCOCK	WIND	WEST	2018	0.0
629 PATRIOT WIND (PETRONILLA)		11INR0062	NUECES	WIND-C	COASTAL	2017	0.0
630 COMANCHE RUN WIND		12INR0029	SWISHER	WIND	PANHANDLE	2018	0.0
631 PAMPA WIND		12INR0018	GRAY	WIND	PANHANDLE	2018	0.0
632 WAKE WIND		14INR0047	DICKENS	WIND	PANHANDLE	2016	257.3
633 GRANDVIEW WIND 3 (CONWAY)		13INR0005c	CARSON	WIND	PANHANDLE	2016	0.0
634 SCANDIA WIND DEF		13INR0010def	PARMER	WIND	PANHANDLE	2017	0.0

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
635 PULLMAN ROAD WIND	15INR0079		RANDALL	WIND	PANHANDLE	2018	0.0
636 PANHANDLE WIND 3	14INR0030c		CARSON	WIND	PANHANDLE	2016	0.0
637 SALT FORK WIND	14INR0062		GRAY	WIND	PANHANDLE	2016	174.0
638 LOS VIENTOS IV WIND	15INR0037		STARR	WIND	SOUTH	2016	200.0
639 LOS VIENTOS V WIND [LV5_UNIT_1]	15INR0021		STARR	WIND	SOUTH	2016	110.0
640 PALO DURO WIND	15INR0050		DEAF SMITH	WIND	PANHANDLE	2018	0.0
641 CAPROCK WIND	10INR0009		CASTRO	WIND	PANHANDLE	2017	0.0
642 SAN ROMAN WIND	14INR0013		CAMERON	WIND-C	COASTAL	2016	0.0
643 TORRECILLAS WIND A	14INR0045a		WEBB	WIND	SOUTH	2017	0.0
644 TORRECILLAS WIND B	14INR0045b		WEBB	WIND	SOUTH	2017	0.0
645 CHANGING WINDS	13INR0045		CASTRO	WIND	PANHANDLE	2017	0.0
646 ELECTRA WIND	16INR0062a		WILBARGER	WIND	WEST	2016	230.0
647 LOCKETT WIND FARM	16INR0062b		WILBARGER	WIND	WEST	2017	0.0
648 HORSE CREEK WIND	14INR0060		HASKELL	WIND	WEST	2016	230.0
649 WILLOW SPRINGS WIND	14INR0060b		HASKELL	WIND	WEST	2017	0.0
650 MUENSTER WIND	15INR0085		COOKE	WIND	NORTH	2016	125.6
651 HAPPY WHITEFACE WIND	15INR0074		DEAF SMITH	WIND	PANHANDLE	2016	157.0
652 CHAPMAN RANCH WIND I	16INR0055		NEUCES	WIND-C	COASTAL	2017	0.0
653 HIDALGO & STARR WIND	16INR0024		HIDALGO	WIND	SOUTH	2016	250.0
654 BLANCO CANYON WIND (COTTON PLAINS)	16INR0037		FLOYD	WIND	PANHANDLE	2016	0.0
655 BLANCO CANYON WIND (OLD SETTLER)	16INR0037b		FLOYD	WIND	PANHANDLE	2017	0.0
656 PUMPKIN FARM WIND	16INR0037c		FLOYD	WIND	PANHANDLE	2017	0.0
657 ROCK SPRINGS VAL VERDE WIND	11INR0082a		VAL VERDE	WIND	WEST	2017	0.0
658 MAGIC VALLEY WIND II (REDFISH 2A and 2B)	14INR0041a		WILLACY	WIND-C	COASTAL	2017	0.0
659 SALT FORK WIND 2	16INR0082		CARSON	WIND	PANHANDLE	2017	0.0
660 SANTA RITA WIND	16INR0091		REAGAN	WIND	WEST	2017	0.0
661 SWISHER WIND	13INR0038		SWISHER	WIND	PANHANDLE	2017	0.0
662 BUCKTHORN WIND 1	14INR0057		ERATH	WIND	NORTH	2016	96.0
663 FLUVANNA RENEWABLE 1	13INR0056		SCURRY	WIND	WEST	2017	0.0
664 RTS WIND	16INR0087		MCCULLOCH	WIND	SOUTH	2016	0.0
665 SILVER CANYON WIND A	12INR0002a		BRISCOE	WIND	PANHANDLE	2017	0.0
666 LOGAN'S GAP WIND II	15INR0082		COMANCHE	WIND	NORTH	2017	0.0
667 CANADIAN BREAKS WIND	13INR0026		OLDHAM	WIND	PANHANDLE	2017	0.0
668 SALT FORK WIND EXPANSION	16INR0121		CARSON	WIND	PANHANDLE	2017	0.0
669 CHOCOLATE BAYOU	16INR0074		BRAZORIA	WIND-C	COASTAL	2017	0.0
670 GOODNIGHT WIND	14INR0033		ARMSTRONG	WIND	PANHANDLE	2016	500.0
671 Planned Capacity Total (Wind)							2,680.3
672							
673 Planned Wind Capacity Sub-total (Non-Coastal Counties)		WIND_PLANNED_NC					2,680.3
674 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PL_PEAK_PCT_N% %					20.0
675							
676 Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C					-
677 Wind Peak Average Capacity Percentage (Coastal)		WIND_PL_PEAK_PCT_C %					35.0
678							
679 Planned Solar Resources with Executed SGIA							
680 FS BARILLA SOLAR 1B [HOVEY_UNIT2]	12INR0059b		PECOS	SOLAR	WEST	2016	7.4
681 FS BARILLA SOLAR 2	12INR0059c		PECOS	SOLAR	WEST	2017	0.0
682 RE ROSEROCK SOLAR	16INR0048		PECOS	SOLAR	WEST	2016	160.0
683 OCI ALAMO 6 (WEST TEXAS)	15INR0070_1		PECOS	SOLAR	WEST	2016	110.0
684 OCI ALAMO 6 (WEST TEXAS PHASE II)	15INR0070_1b		PECOS	SOLAR	WEST	2016	50.0
685 SE BUCKTHORN WESTEX SOLAR (RIGGINS SOLAR)	15INR0045		PECOS	SOLAR	WEST	2017	0.0
686 FS EAST PECOS SOLAR	16INR0073		PECOS	SOLAR	WEST	2016	120.0
687 OCI ALAMO 7 (PAINT CREEK)	16INR0052		HASKELL	SOLAR	WEST	2016	106.0
688 LC NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2016	201.0
689 PECOS SOLAR POWER I	15INR0059		PECOS	SOLAR	WEST	2019	0.0
690 BNB LAMESA SOLAR	16INR0023		DAWSON	SOLAR	WEST	2017	0.0
691 BNB LAMESA SOLAR B	16INR0023b		DAWSON	SOLAR	WEST	2017	0.0
692 CAPRICORN RIDGE SOLAR	16INR0019		COKE	SOLAR	WEST	2017	0.0
693 UPCO POWER 1 (SP-TX-12)	16INR0065		UPTON	SOLAR	WEST	2017	0.0
694 CASTLE GAP SOLAR 2	16INR0065a		UPTON	SOLAR	WEST	2017	0.0
695 SP-TX-12-PHASE B	16INR0065b		UPTON	SOLAR	WEST	2017	0.0
696 SOLAIREHOLMAN 1	15INR0061		BREWSTER	SOLAR	WEST	2017	0.0
697 RE MAPLEWOOD 2A SOLAR	17INR0020a		PECOS	SOLAR	WEST	2018	0.0
698 RE MAPLEWOOD 2B SOLAR	17INR0020b		PECOS	SOLAR	WEST	2019	0.0
699 RE MAPLEWOOD 2C SOLAR	17INR0020c		PECOS	SOLAR	WEST	2020	0.0
700 RE MAPLEWOOD 2D SOLAR	17INR0020d		PECOS	SOLAR	WEST	2020	0.0
701 Upton Solar	16INR0114		UPTON	SOLAR	WEST	2017	0.0
702 Planned Capacity Total (Solar)							754.4
703 Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT %					5.0
704							
705 Seasonal Mothballed Resources							
706 MARTIN LAKE U2 (AS OF 10/1/2015)		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0
707 Total Seasonal Mothballed Capacity							820.0
708							
709 RMR Resources							
710 GREENS BAYOU STG U5 (available July-Sept. for both 2016 and 2017; June 2018)		GBY_GBY_5	HARRIS	GAS	HOUSTON		371.0
711 Total RMR Capacity							371.0
712							
713 Mothballed Resources							

Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
714 J T DEELY U1 (AS OF 12/31/2018)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	1918	430.0
715 J T DEELY U2 (AS OF 12/31/2018)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	1918	420.0
716 LUFKIN BIOMASS (AS OF 7/6/2016)		LFBIQ_UNIT1	ANGELINA	BIOMASS	NORTH	2012	45.0
717 S R BERTRON CTG 2 (SINCE 5/15/2013)		SRB_SRBGT_2	HARRIS	GAS	HOUSTON	1967	13.0
718 S R BERTRON U1 (SINCE 5/15/2013)		SRB_SRB_G1	HARRIS	GAS	HOUSTON	1958	118.0
719 S R BERTRON U2 (SINCE 5/15/2013)		SRB_SRB_G2	HARRIS	GAS	HOUSTON	1956	174.0
720 S R BERTRON U3 (SINCE 5/22/2013)		SRB_SRB_G3	HARRIS	GAS	HOUSTON	1959	211.0
721 S R BERTRON U4 (SINCE 5/22/2013)		SRB_SRB_G4	HARRIS	GAS	HOUSTON	1960	211.0
722 Total Mothballed Capacity							1,622.0
723							
724 Retiring Resources Unavailable to ERCOT (since last CDR)							
725 FRONTERA GENERATION CTG 1 (Not Available for ERCOT after 10/1/2016)		FRONTERA_FRONTTEG1_HIDALGO	HIDALGO	GAS	SOUTH	2016	170.0
726 FRONTERA GENERATION CTG 2 (Not Available for ERCOT after 10/1/2016)		FRONTERA_FRONTTEG2_HIDALGO	HIDALGO	GAS	SOUTH	2016	170.0
727 FRONTERA GENERATION CTG 3 (Not Available for ERCOT after 10/1/2016)		FRONTERA_FRONTTEG3_HIDALGO	HIDALGO	GAS	SOUTH	2016	184.0
728 Total Retiring Capacity (since last CDR)							524.0

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.