

**PRELIMINARY**  
**Seasonal Assessment of Resource Adequacy for the ERCOT Region**  
**Winter 2015/2016**

**SUMMARY**

The ERCOT Region is expected to have sufficient installed generating capacity to serve forecasted peak demands in the upcoming winter season (December 2015 - February 2016). Based on the results of this study, 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 capacity outlook also includes our latest peak forecast expectations based on customer demand experienced during recent winter season cold-weather events and current expectations for average weather in the upcoming winter season. The seasonal demand forecast may be adjusted with an updated season-specific weather outlook prior to release of the final assessment in November.

ERCOT will continue to monitor the potential effect of future drought conditions on generation capacity and ongoing changes to environmental regulations.

**Seasonal Assessment of Resource Adequacy for the ERCOT Region**  
**Winter 2015/2016 - Preliminary**  
**Release Date: September 1, 2015**

**Forecasted Capacity and Demand**

Operational Resources (excluding wind), MW	66,634	Based on current ratings reported through the unit registration process
Switchable Capacity Total, MW	3,702	Rated capacity of resources that can interconnect with other regions and are available to ERCOT
less Switchable Capacity Unavailable to ERCOT, MW	(470)	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	4,433	Average capability of the top 20 hours in the winter peak seasons for the past three years
Non-Coastal Wind Resources Capacity Contribution, MW	2,141	Based on 18% of rated capacity for non-coastal wind resources per Nodal Protocols Section 3.2.6.2.2
Coastal Wind Resources Capacity Contribution, MW	622	Based on 37% of rated capacity for coastal wind resources per Nodal Protocols Section 3.2.6.2.2
RMR Resources to be under Contract, MW	0	No RMR resources currently under contract
Non-Synchronous Ties Capacity Contribution, MW	371	Average capability of the top 20 hours in the winter peak seasons for the past three years
Planned Resources (not wind), MW	348	Based on projected dates provided by developers of generation resources
Planned Non-Coastal Wind, MW	336	Based on projected dates and 18% of rated capacity for non-coastal wind resources
Planned Coastal Wind, MW	136	Based on projected dates and 37% of rated capacity for coastal wind resources
	<b>78,253</b>	
[a] Total Resources, MW		
[b] Peak Demand, MW	57,400	Peak forecast is based on expected demand and weather conditions for winter 2015.
[c] Reserve Capacity [a - b], MW	20,853	

**Range of Potential Scenarios**

	Forecasted Season Peak Load	Extreme Load / Typical Generation Outages	Extreme Load / Extreme Generation Outages
Peak Load Adjustment (1)	0	3,434	3,434
Typical Maintenance Outages (2)	3,972	3,972	3,972
Typical Forced Outages (2) (3)	3,756	5,268	5,268
Extreme Forced Outages (90th Percentile) (3)	0	0	4,585
[d] Total Uses of Reserve Capacity	7,728	12,674	17,259
[e] Capacity Available for Operating Reserves (c-d), MW	13,125	8,179	3,594
Less than 2,300 MW indicates risk of EEA1			

(1) Winter Peak Load Extreme Forecast is 60,834 MW.

(2) Maintenance Outages and Forced Outages based on average of historical outage data for December, January and February weekdays (starting in 2010). Includes typical outages/derates due to natural gas curtailments during extreme peak load hours.

(3) Extreme Forced Outages include forecasted derates due to natural gas curtailments at low ambient temperatures during extreme peak load hours.

# Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
<b>Operational Resources</b>							
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	1,350.0
7 SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,354.0
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_COLETOG1	GOLIAD	COAL	SOUTH	1980	660.0
11 FAYETTE POWER U1		FPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	603.0
12 FAYETTE POWER U2		FPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	605.0
13 FAYETTE POWER U3		FPYD2_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	562.0
16 J K SPRUCE U2	09INR0002	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	-
22 MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0
23 MONTICELLO U3		MNSES_UNIT3	TITUS	COAL	NORTH	1978	795.0
24 OAK GROVE SES U1	09INR0006a	OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	840.0
25 OAK GROVE SES U2	09INR0006b	OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	825.0
26 OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
27 SAN MIGUEL U1		SANMIGL_SANMIGG1	ATASCOSA	COAL	SOUTH	1982	391.0
28 SANDOW U5	08INR0003	SD5SES_UNIT5	MILAM	COAL	SOUTH	2010	600.0
29 SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	970.0
30 TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	158.0
31 TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	158.0
32 W A PARISH U5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	659.0
33 W A PARISH U6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	658.0
34 W A PARISH U7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0
35 W A PARISH U8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0
36 ARTHUR VON ROSENBERG 1 CTG 1	00INR0017	BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	155.0
37 ARTHUR VON ROSENBERG 1 CTG 2	00INR0017	BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	155.0
38 ARTHUR VON ROSENBERG 1 STG	00INR0017	BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	170.0
39 BARNEY M DAVIS REPOWER CTG 3	09INR0038	B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	165.0
40 BARNEY M DAVIS REPOWER CTG 4	09INR0038	B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	165.0
41 BARNEY M DAVIS REPOWER STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	325.0
42 BASTROP ENERGY CENTER CTG 1	01INR0021	BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	167.0
43 BASTROP ENERGY CENTER CTG 2	01INR0021	BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	167.0
44 BASTROP ENERGY CENTER STG	01INR0021	BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	234.0
45 BOSQUE ENERGY CENTER CTG 1	00INR0018	BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	170.9
46 BOSQUE ENERGY CENTER STG 4	00INR0028	BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	85.2
47 BOSQUE ENERGY CENTER CTG 2	00INR0018	BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	170.9
48 BOSQUE ENERGY CENTER CTG 3	00INR0018	BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	168.5
49 BOSQUE ENERGY CENTER STG 5	08INR0046	BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	226.7
50 BRAZOS VALLEY CTG 1	01INR0031	BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	168.0
51 BRAZOS VALLEY CTG 2	01INR0031	BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	168.0
52 BRAZOS VALLEY STG 3	01INR0031	BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
53 CALENERGY-FALCON SEABOARD CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	77.5
54 CALENERGY-FALCON SEABOARD CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	77.5
55 CALENERGY-FALCON SEABOARD STG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	74.0
56 CEDAR BAYOU 4 CTG 1	08INR0035	CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	173.0
57 CEDAR BAYOU 4 CTG 2	08INR0035	CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	173.0
58 CEDAR BAYOU 4 STG	08INR0035	CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	186.0
59 COLORADO BEND ENERGY CENTER CTG 1	06INR0035b	CBEC_GT1	WHARTON	GAS	SOUTH	2007	88.0
60 COLORADO BEND ENERGY CENTER CTG 2	06INR0035b	CBEC_GT2	WHARTON	GAS	SOUTH	2007	84.0
61 COLORADO BEND ENERGY CENTER STG 1	06INR0035b	CBEC_STG1	WHARTON	GAS	SOUTH	2007	105.0
62 COLORADO BEND ENERGY CENTER CTG 3	06INR0035a	CBEC_GT3	WHARTON	GAS	SOUTH	2008	88.0
63 COLORADO BEND ENERGY CENTER CTG 4	06INR0035a	CBEC_GT4	WHARTON	GAS	SOUTH	2008	83.0
64 COLORADO BEND ENERGY CENTER STG 2	06INR0035a	CBEC_STG2	WHARTON	GAS	SOUTH	2008	108.0
65 CVC CHANNELVIEW CTG 1	02INR0004	CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	191.0
66 CVC CHANNELVIEW CTG 2	02INR0004	CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	189.0
67 CVC CHANNELVIEW CTG 3	02INR0004	CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	189.0
68 CVC CHANNELVIEW STG 5	02INR0004	CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	146.0
69 DEER PARK ENERGY CENTER CTG 1	02INR0020	DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	203.0
70 DEER PARK ENERGY CENTER CTG 2	02INR0020	DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	215.0
71 DEER PARK ENERGY CENTER CTG 3	02INR0020	DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	203.0
72 DEER PARK ENERGY CENTER CTG 4	02INR0020	DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	215.0
73 DEER PARK ENERGY CENTER STG	02INR0020	DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	290.0
74 DEER PARK ENERGY CENTER CTG 6	14INR0015	DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	190.0
75 ENNIS POWER STATION CTG 2	01INR0008	ETCCS_CT1	ELLIS	GAS	NORTH	2002	231.0
76 ENNIS POWER STATION STG 1	01INR0008	ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	127.0
77 FERGUSON REPLACEMENT CTG1	13INR0021	FERGCC_FERGGT1	LLANO	GAS	SOUTH	2014	186.1
78 FERGUSON REPLACEMENT CTG2	13INR0021	FERGCC_FERGGT2	LLANO	GAS	SOUTH	2014	186.1
79 FERGUSON REPLACEMENT STG	13INR0021	FERGCC_FERGST1	LLANO	GAS	SOUTH	2014	194.9
80 FORNEY ENERGY CENTER CTG 11	01INR0007	FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	192.0

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UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
81 FORNEY ENERGY CENTER CTG 12	01INR0007	FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	184.0
82 FORNEY ENERGY CENTER CTG 13	01INR0007	FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	184.0
83 FORNEY ENERGY CENTER CTG 21	01INR0007	FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	192.0
84 FORNEY ENERGY CENTER CTG 22	01INR0007	FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	184.0
85 FORNEY ENERGY CENTER CTG 23	01INR0007	FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	184.0
86 FORNEY ENERGY CENTER STG 10	01INR0007	FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	420.0
87 FORNEY ENERGY CENTER STG 20	01INR0007	FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	420.0
88 FREESTONE ENERGY CENTER CTG 1	01INR0009	FREC_GT1	FREESTONE	GAS	NORTH	2002	160.7
89 FREESTONE ENERGY CENTER CTG 2	01INR0009	FREC_GT2	FREESTONE	GAS	NORTH	2002	160.7
90 FREESTONE ENERGY CENTER STG 3	01INR0009	FREC_ST3	FREESTONE	GAS	NORTH	2002	179.8
91 FREESTONE ENERGY CENTER CTG 4	01INR0009	FREC_GT4	FREESTONE	GAS	NORTH	2002	161.1
92 FREESTONE ENERGY CENTER CTG 5	01INR0009	FREC_GT5	FREESTONE	GAS	NORTH	2002	161.1
93 FREESTONE ENERGY CENTER STG 6	01INR0009	FREC_ST6	FREESTONE	GAS	NORTH	2002	179.7
94 GUADALUPE ENERGY CENTER CTG 1	01INR0004	GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	167.0
95 GUADALUPE ENERGY CENTER CTG 2	01INR0004	GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	167.0
96 GUADALUPE ENERGY CENTER CTG 3	01INR0004	GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	167.0
97 GUADALUPE ENERGY CENTER CTG 4	01INR0004	GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	167.0
98 GUADALUPE ENERGY CENTER STG 5	01INR0004	GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	203.0
99 GUADALUPE ENERGY CENTER STG 6	01INR0004	GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	203.0
100 HAYS ENERGY FACILITY CSG 1	01INR0003	HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	237.0
101 HAYS ENERGY FACILITY CSG 2	01INR0003	HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	237.0
102 HAYS ENERGY FACILITY CSG 3	01INR0003	HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	247.0
103 HAYS ENERGY FACILITY CSG 4	01INR0003	HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	247.0
104 HIDALGO ENERGY CENTER CTG 1	00INR0006	DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	150.0
105 HIDALGO ENERGY CENTER CTG 2	00INR0006	DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	150.0
106 HIDALGO ENERGY CENTER STG	00INR0006	DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	176.0
107 JACK COUNTY GEN FACILITY CTG 1	05INR0010	JACKCNTY_CT1	JACK	GAS	NORTH	2005	165.0
108 JACK COUNTY GEN FACILITY CTG 2	05INR0010	JACKCNTY_CT2	JACK	GAS	NORTH	2005	165.0
109 JACK COUNTY GEN FACILITY STG 1	05INR0010	JACKCNTY_STG	JACK	GAS	NORTH	2005	310.0
110 JACK COUNTY GEN FACILITY CTG 3	10INR0010	JCKCNTY2_CT3	JACK	GAS	NORTH	2011	165.0
111 JACK COUNTY GEN FACILITY CTG 4	10INR0010	JCKCNTY2_CT4	JACK	GAS	NORTH	2011	165.0
112 JACK COUNTY GEN FACILITY STG 2	10INR0010	JCKCNTY2_ST2	JACK	GAS	NORTH	2011	310.0
113 JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1997	177.0
114 JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
115 LAMAR ENERGY CENTER CTG 11	00INR0008	LPCCS_CT11	LAMAR	GAS	NORTH	2000	186.0
116 LAMAR ENERGY CENTER CTG 12	00INR0008	LPCCS_CT12	LAMAR	GAS	NORTH	2000	176.0
117 LAMAR ENERGY CENTER CTG 21	00INR0008	LPCCS_CT21	LAMAR	GAS	NORTH	2000	176.0
118 LAMAR ENERGY CENTER CTG 22	00INR0008	LPCCS_CT22	LAMAR	GAS	NORTH	2000	186.0
119 LAMAR ENERGY CENTER STG 1	00INR0008	LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
120 LAMAR ENERGY CENTER STG 2	00INR0008	LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
121 LOST PINES POWER CTG 1	02INR0005	LOSTPLI_LOSTPGT1	BASTROP	GAS	SOUTH	2001	183.0
122 LOST PINES POWER CTG 2	02INR0005	LOSTPLI_LOSTPGT2	BASTROP	GAS	SOUTH	2001	183.0
123 LOST PINES POWER STG	02INR0005	LOSTPLI_LOSTPST1	BASTROP	GAS	SOUTH	2001	192.0
124 MAGIC VALLEY STATION CTG 1	00INR0009	NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	218.6
125 MAGIC VALLEY STATION CTG 2	00INR0009	NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	218.6
126 MAGIC VALLEY STATION STG	00INR0009	NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	257.9
127 MIDLOTHIAN ENERGY FACILITY CS 1	00INR0012	MDANP_CT1	ELLIS	GAS	NORTH	2001	240.0
128 MIDLOTHIAN ENERGY FACILITY CS 2	00INR0012	MDANP_CT2	ELLIS	GAS	NORTH	2001	240.0
129 MIDLOTHIAN ENERGY FACILITY CS 3	00INR0012	MDANP_CT3	ELLIS	GAS	NORTH	2001	240.0
130 MIDLOTHIAN ENERGY FACILITY CS 4	00INR0012	MDANP_CT4	ELLIS	GAS	NORTH	2001	240.0
131 MIDLOTHIAN ENERGY FACILITY CS 5	02INR0008	MDANP_CT5	ELLIS	GAS	NORTH	2002	257.0
132 MIDLOTHIAN ENERGY FACILITY CS 6	02INR0008	MDANP_CT6	ELLIS	GAS	NORTH	2002	257.0
133 NUECES BAY REPOWER CTG 8	09INR0039	NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	165.0
134 NUECES BAY REPOWER CTG 9	09INR0039	NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	165.0
135 NUECES BAY REPOWER STG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	325.0
136 ODESSA-ECTOR POWER CTG 11	01INR0026	OECCS_CT11	ECTOR	GAS	WEST	2001	162.6
137 ODESSA-ECTOR POWER CTG 12	01INR0026	OECCS_CT12	ECTOR	GAS	WEST	2001	151.2
138 ODESSA-ECTOR POWER CTG 21	01INR0026	OECCS_CT21	ECTOR	GAS	WEST	2001	155.8
139 ODESSA-ECTOR POWER CTG 22	01INR0026	OECCS_CT22	ECTOR	GAS	WEST	2001	153.3
140 ODESSA-ECTOR POWER STG 1	01INR0026	OECCS_UNIT1	ECTOR	GAS	WEST	2001	216.0
141 ODESSA-ECTOR POWER STG 2	01INR0026	OECCS_UNIT2	ECTOR	GAS	WEST	2001	216.0
142 PANDA SHERMAN POWER CTG1	10INR0021	PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	218.5
143 PANDA SHERMAN POWER CTG2	10INR0021	PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	218.5
144 PANDA SHERMAN POWER STG	10INR0021	PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	333.6
145 PANDA TEMPLE I POWER CTG1	10INR0020a	PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	218.5
146 PANDA TEMPLE I POWER CTG2	10INR0020a	PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	218.5
147 PANDA TEMPLE I POWER STG	10INR0020a	PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	333.6
148 PANDA TEMPLE II POWER CTG1	10INR0020b	PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	218.5
149 PANDA TEMPLE II POWER CTG2	10INR0020b	PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	218.5
150 PANDA TEMPLE II POWER STG	10INR0020b	PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	333.6
151 PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	87.0
152 PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	87.0
153 PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	89.0
154 PASADENA COGEN FACILITY CTG 2	00INR0014	PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	176.0
155 PASADENA COGEN FACILITY CTG 3	00INR0014	PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	176.0
156 PASADENA COGEN FACILITY STG 2	00INR0014	PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	169.0
157 QUAIL RUN ENERGY CTG 1	06INR0036b	QALSW_GT1	ECTOR	GAS	WEST	2007	84.0
158 QUAIL RUN ENERGY CTG 2	06INR0036b	QALSW_GT2	ECTOR	GAS	WEST	2007	86.0

## Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
159 QUAIL RUN ENERGY STG 1	06INR0036b	QALSW_STG1	ECTOR	GAS	WEST	2007	98.0
160 QUAIL RUN ENERGY CTG 3	06INR0036a	QALSW_GT3	ECTOR	GAS	WEST	2008	81.0
161 QUAIL RUN ENERGY CTG 4	06INR0036a	QALSW_GT4	ECTOR	GAS	WEST	2008	81.0
162 QUAIL RUN ENERGY STG 2	06INR0036a	QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
163 RIO NOGALES POWER CTG 1	02INR0001	RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	175.0
164 RIO NOGALES POWER CTG 2	02INR0001	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	175.0
165 RIO NOGALES POWER CTG 3	02INR0001	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	175.0
166 RIO NOGALES POWER STG 4	02INR0001	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
167 SAM RAYBURN POWER CTG 7	03INR0014	RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
168 SAM RAYBURN POWER CTG 8	03INR0014	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	51.0
169 SAM RAYBURN POWER CTG 9	03INR0014	RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
170 SAM RAYBURN POWER STG 10	03INR0014	RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
171 SANDHILL ENERGY CENTER CTG 5A	03INR0033	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	170.0
172 SANDHILL ENERGY CENTER STG 5C	03INR0033	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	160.0
173 SILAS RAY POWER STG 6		SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	21.0
174 SILAS RAY POWER CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	49.0
175 T H WHARTON POWER CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	1972	57.0
176 T H WHARTON POWER CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	1972	57.0
177 T H WHARTON POWER CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	1972	57.0
178 T H WHARTON POWER CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	1972	57.0
179 T H WHARTON POWER STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	1974	104.0
180 T H WHARTON POWER CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	1972	57.0
181 T H WHARTON POWER CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	1972	57.0
182 T H WHARTON POWER CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	1974	57.0
183 T H WHARTON POWER CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	1974	57.0
184 T H WHARTON POWER STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	1974	104.0
185 TEXAS CITY POWER CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	102.4
186 TEXAS CITY POWER CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	102.4
187 TEXAS CITY POWER CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	102.4
188 TEXAS CITY POWER STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.5
189 VICTORIA POWER CTG 6	08INR0050	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	171.0
190 VICTORIA POWER STG 5	08INR0050	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	132.0
191 WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0
192 WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0
193 WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0
194 WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	16.0
195 WISE-TRACTEBEL POWER CTG 1	02INR0009	WCPP_CT1	WISE	GAS	NORTH	2004	275.0
196 WISE-TRACTEBEL POWER CTG 2	02INR0009	WCPP_CT2	WISE	GAS	NORTH	2004	275.0
197 WISE-TRACTEBEL POWER STG 1	02INR0009	WCPP_ST1	WISE	GAS	NORTH	2004	290.0
198 WOLF HOLLOW POWER CTG 1	01INR0015	WHCCS_CT1	HOOD	GAS	NORTH	2002	249.0
199 WOLF HOLLOW POWER CTG 2	01INR0015	WHCCS_CT2	HOOD	GAS	NORTH	2002	249.0
200 WOLF HOLLOW POWER STG	01INR0015	WHCCS_STG	HOOD	GAS	NORTH	2002	293.0
201 ATKINS CTG 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	20.0
202 DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	48.0
203 DANSBY CTG 3	09INR0072	DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	50.0
204 DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	54.0
205 DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	54.0
206 DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	54.0
207 DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	54.0
208 DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	80.0
209 DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	79.0
210 DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	78.0
211 DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	77.0
212 EXTEX LAPORTE GEN STN CTG 1	01INR0044	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	45.0
213 EXTEX LAPORTE GEN STN CTG 2	01INR0044	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	45.0
214 EXTEX LAPORTE GEN STN CTG 3	01INR0044	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	45.0
215 EXTEX LAPORTE GEN STN CTG 4	01INR0044	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	45.0
216 GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	54.0
217 GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	54.0
218 GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	54.0
219 GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	58.0
220 GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	64.0
221 GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	54.0
222 GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.4
223 GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.4
224 GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.4
225 LAREDO CTG 4	08INR0064	LARDVFTN_G4	WEBB	GAS	SOUTH	2008	97.4
226 LAREDO CTG 5	08INR0064	LARDVFTN_G5	WEBB	GAS	SOUTH	2008	94.4
227 LEON CREEK PEAKER CTG 1	04INR0009	LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	48.0
228 LEON CREEK PEAKER CTG 2	04INR0009	LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	48.0
229 LEON CREEK PEAKER CTG 3	04INR0009	LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	48.0
230 LEON CREEK PEAKER CTG 4	04INR0009	LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	48.0
231 MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	81.0
232 MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	81.0
233 MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	81.0
234 MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	81.0
235 MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	81.0
236 MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	81.0

# Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
237 PEARSALL IC ENGINE PLANT A	09INR0079a	PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
238 PEARSALL IC ENGINE PLANT B	09INR0079a	PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
239 PEARSALL IC ENGINE PLANT C	09INR0079b	PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
240 PEARSALL IC ENGINE PLANT D	09INR0079b	PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
241 PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	71.0
242 PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	71.0
243 PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	74.0
244 PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	75.0
245 PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	75.0
246 R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	2000	115.0
247 R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	2000	115.0
248 RAY OLINGER CTG 4	00INR0024	OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	84.0
249 SAM RAYBURN CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	13.5
250 SAM RAYBURN CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	13.5
251 SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	81.0
252 SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	81.0
253 SANDHILL ENERGY CENTER CTG 1	01INR0041	SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	48.0
254 SANDHILL ENERGY CENTER CTG 2	01INR0041	SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	48.0
255 SANDHILL ENERGY CENTER CTG 3	01INR0041	SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	48.0
256 SANDHILL ENERGY CENTER CTG 4	01INR0041	SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	48.0
257 SANDHILL ENERGY CENTER CTG 6	09INR0045	SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	48.0
258 SANDHILL ENERGY CENTER CTG 7	09INR0045	SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	48.0
259 SILAS RAY CTG 10	04INR0014	SILASRAY_SILAS_10	CAMERON	GAS	COASTAL	2004	46.0
260 T H WHARTON CTG 51		THW_THWGT51	HARRIS	GAS	HOUSTON	1975	57.0
261 T H WHARTON CTG 52		THW_THWGT52	HARRIS	GAS	HOUSTON	1975	57.0
262 T H WHARTON CTG 53		THW_THWGT53	HARRIS	GAS	HOUSTON	1975	57.0
263 T H WHARTON CTG 54		THW_THWGT54	HARRIS	GAS	HOUSTON	1975	57.0
264 T H WHARTON CTG 55		THW_THWGT55	HARRIS	GAS	HOUSTON	1975	57.0
265 T H WHARTON CTG 56		THW_THWGT56	HARRIS	GAS	HOUSTON	1975	57.0
266 T H WHARTON CTG G1		THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0
267 TEXAS GULF SULPHUR		TGF_TGFGT_1	WHARTON	GAS	SOUTH	1985	89.0
268 V H BRAUNIG CTG 5	09INR0028	BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
269 V H BRAUNIG CTG 6	09INR0028	BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
270 V H BRAUNIG CTG 7	09INR0028	BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
271 V H BRAUNIG CTG 8	09INR0028	BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	48.0
272 W A PARISH CTG 1		WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	1967	13.0
273 W A PARISH - PETRA NOVA CTG	12INR0086	PNPI_GT2	FORT BEND	GAS	HOUSTON	2013	88.0
274 WINCHESTER POWER PARK CTG 1	09INR0027	WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	46.0
275 WINCHESTER POWER PARK CTG 2	09INR0027	WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	46.0
276 WINCHESTER POWER PARK CTG 3	09INR0027	WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	46.0
277 WINCHESTER POWER PARK CTG 4	09INR0027	WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	46.0
278 B M DAVIS STG U1		B_DAVIS_B_DAVIG1	NUECES	GAS	COASTAL	1974	330.0
279 CEDAR BAYOU STG U1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
280 CEDAR BAYOU STG U2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
281 DANSBY STG U1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	110.0
282 DECKER CREEK STG U1		DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	320.0
283 DECKER CREEK STG U2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	428.0
284 GRAHAM STG U1		GRSES_UNIT1	YOUNG	GAS	WEST	1960	234.0
285 GRAHAM STG U2		GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
286 GREENS BAYOU STG U5		GBY_GBY_5	HARRIS	GAS	HOUSTON	1973	371.0
287 HANDLEY STG U3		HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
288 HANDLEY STG U4		HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
289 HANDLEY STG U5		HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
290 LAKE HUBBARD STG U1		LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
291 LAKE HUBBARD STG U2		LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	515.0
292 MOUNTAIN CREEK STG U6		MCSES_UNIT6	DALLAS	GAS	NORTH	1956	122.0
293 MOUNTAIN CREEK STG U7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	118.0
294 MOUNTAIN CREEK STG U8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	568.0
295 O W SOMMERS STG U1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
296 O W SOMMERS STG U2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	410.0
297 PEARSALL STG U1		PEARSALL_PEAR_S_1	FRIO	GAS	SOUTH	1961	25.0
298 PEARSALL STG U2		PEARSALL_PEAR_S_2	FRIO	GAS	SOUTH	1961	25.0
299 PEARSALL STG U3		PEARSALL_PEAR_S_3	FRIO	GAS	SOUTH	1961	25.0
300 POWERLANE PLANT STG U1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	20.0
301 POWERLANE PLANT STG U2		STEAM_STEAM_2	HUNT	GAS	NORTH	1967	26.0
302 POWERLANE PLANT STG U3		STEAM_STEAM_3	HUNT	GAS	NORTH	1978	41.0
303 R W MILLER STG U1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	2000	75.0
304 R W MILLER STG U2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	2000	120.0
305 R W MILLER STG U3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	2000	208.0
306 RAY OLINGER STG U1		OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
307 RAY OLINGER STG U2		OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0
308 RAY OLINGER STG U3		OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
309 SIM GIDEON STG U1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
310 SIM GIDEON STG U2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0
311 SIM GIDEON STG U3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	340.0
312 SPENCER STG U4		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	61.0
313 SPENCER STG U5		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0
314 STRYKER CREEK STG U1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0



# Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION		UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
	PROJECT CODE							
315 STRYKER CREEK STG U2			SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0
316 TRINIDAD STG U6			TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	235.0
317 V H BRAUNIG STG U1			BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	220.0
318 V H BRAUNIG STG U2			BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
319 V H BRAUNIG STG U3			BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
320 W A PARISH STG U1			WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0
321 W A PARISH STG U2			WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0
322 W A PARISH STG U3			WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	258.0
323 W A PARISH STG U4			WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	552.0
324 NACOGDOCHES POWER	09INR0007		NACPW_UNIT1	NACOGDOCHE	BIOMASS	NORTH	2012	105.0
325 LUFKIN BIOMASS	08INR0033		LFBI_UNIT1	ANGELINA	BIOMASS	NORTH	2012	45.0
326 BIOENERGY AUSTIN WALZEM RD LFG			DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
327 BIOENERGY TEXAS COVEL GARDENS LFG			DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
328 FORT WORTH METHANE LFG			DG_RDLML_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6
329 GRAND PRAIRIE LFG			DG_TRIRA_1UNIT	DALLAS	BIOMASS	NORTH	2015	4.0
330 MCKINNEY LFG			DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2
331 NELSON GARDENS LFG			DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2
332 SKYLINE LFG			DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
333 TRINITY OAKS LFG			DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2
334 VIRIDIS ENERGY-ALVIN LFG			DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7
335 VIRIDIS ENERGY-HUMBLE LFG			DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
336 VIRIDIS ENERGY-LIBERTY LFG			DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
337 VIRIDIS ENERGY-TRINITY BAY LFG			DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
338 WM RENEWABLE-AUSTIN LFG			DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
339 WM RENEWABLE-DFW GAS RECOVERY LFG			DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
340 WM RENEWABLE-BIOENERGY PARTNERS LFG			DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
341 WM RENEWABLE-MESQUITE CREEK LFG			DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
342 WM RENEWABLE-WESTSIDE LFG			DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
343 NOTREES BATTERY FACILITY	12INR0076		NWF_NBS	WINKLER	STORAGE	WEST	2012	-
344 <b>Operational Capacity Total (Nuclear, Coal, Gas, Biomass)</b>								<b>66,583.8</b>
345								
346 <b>Operational Resources (Hydro)</b>								
347 AMISTAD HYDRO 1			AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9
348 AMISTAD HYDRO 2			AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
349 AUSTIN HYDRO 1			AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
350 AUSTIN HYDRO 2			AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
351 BUCHANAN HYDRO 1			BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
352 BUCHANAN HYDRO 2			BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
353 BUCHANAN HYDRO 3			BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
354 DENISON DAM 1			DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
355 DENISON DAM 2			DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
356 FALCON HYDRO 1			FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
357 FALCON HYDRO 2			FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
358 FALCON HYDRO 3			FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
359 GRANITE SHOALS HYDRO 1			WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
360 GRANITE SHOALS HYDRO 2			WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
361 INKS HYDRO 1			INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
362 MARBLE FALLS HYDRO 1			MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
363 MARBLE FALLS HYDRO 2			MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
364 MARSHALL FORD HYDRO 1			MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0
365 MARSHALL FORD HYDRO 2			MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
366 MARSHALL FORD HYDRO 3			MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	29.0
367 WHITNEY DAM HYDRO			WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	24.0
368 WHITNEY DAM HYDRO 2			WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	24.0
369 ARLINGTON OUTLET HYDROELECTRIC FACILITY			DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
370 EAGLE PASS HYDRO			DG_EAGLE_HY_EAGLE_MAV	MAVERICK	HYDRO	SOUTH	2005	9.6
371 GUADALUPE BLANCO RIVER AUTH-CANYON			DG_CANYHY_CANYHYG	COMAL	HYDRO	SOUTH	1989	6.0
372 GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP			DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
373 GUADALUPE BLANCO RIVER AUTH-MCQUEENEY			DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
374 GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE			DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
375 LEWISVILLE HYDRO-CITY OF GARLAND			DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
376 <b>Operational Capacity Total (Hydro)</b>								<b>555.1</b>
377 Hydro Capacity Contribution (Top 20 Hours)			HYDRO_CAP_CONT					52.0
378								
379 <b>Operational Resources (Solar)</b>								
380 ACACIA SOLAR	13DGR0001		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
381 FS BARILLA SOLAR-PECOS	12INR0059		HOVEY_UNIT1	PECOS	SOLAR	WEST	2014	22.0
382 OCI ALAMO 1 SOLAR	13INR0058		OCL_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
383 OCI ALAMO 4 SOLAR-BRACKETVILLE	14INR0024		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
384 WEBBERVILLE SOLAR	10INR0082		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
385 BLUE WING 1 SOLAR			DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
386 BLUE WING 2 SOLAR			DG_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
387 OCI ALAMO 2 SOLAR-ST. HEDWIG			DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4
388 OCI ALAMO 3-WALZEM SOLAR			DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
389 RENEWABLE ENERGY ALTERNATIVES-CCS1			DG_COSERVSS_CCS1	DENTON	SOLAR	NORTH	2015	2.0
390 SUNEDISON CPS3 SOMERSET 1 SOLAR			DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
391 SUNEDISON SOMERSET 2 SOLAR			DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
392 SUNEDISON RABEL ROAD SOLAR			DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9

## Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE		UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
393 SUNEDISON VALLEY ROAD SOLAR			DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
394 <b>Operational Capacity Total (Solar)</b>								<b>192.7</b>
395 Solar Peak Average Capacity Percentage			SOLAR_PEAK_PCT	%				100.0
396								
397 Operational Capacity Unavailable due to Extended Outage or Derate			OPERATION_UNAVAIL		GAS			(195.0)
398 <b>Operational Capacity Total (Including Hydro &amp; Solar)</b>			OPERATION_TOTAL					<b>66,633.5</b>
399								
400 <b>Switchable Resources</b>								
401 TENASKA KIAMICHI STATION 1CT101	03INR0012		KMCHI_1CT101	FANNIN	GAS	NORTH	2003	178.0
402 TENASKA KIAMICHI STATION 1CT201	03INR0012		KMCHI_1CT201	FANNIN	GAS	NORTH	2003	180.0
403 TENASKA KIAMICHI STATION 1ST	03INR0012		KMCHI_1ST	FANNIN	GAS	NORTH	2003	307.0
404 TENASKA KIAMICHI STATION 2CT101	03INR0012		KMCHI_2CT101	FANNIN	GAS	NORTH	2003	178.0
405 TENASKA KIAMICHI STATION 2CT201	03INR0012		KMCHI_2CT201	FANNIN	GAS	NORTH	2003	180.0
406 TENASKA KIAMICHI STATION 2ST	03INR0012		KMCHI_2ST	FANNIN	GAS	NORTH	2003	307.0
407 TENASKA FRONTIER STATION CTG 1	00PSR4		FTR_FTR_G1	GRIMES	GAS	NORTH	2000	180.0
408 TENASKA FRONTIER STATION CTG 2	00PSR4		FTR_FTR_G2	GRIMES	GAS	NORTH	2000	180.0
409 TENASKA FRONTIER STATION CTG 3	00PSR4		FTR_FTR_G3	GRIMES	GAS	NORTH	2000	180.0
410 TENASKA FRONTIER STATION CTG 4	00PSR4		FTR_FTR_G4	GRIMES	GAS	NORTH	2000	400.0
411 TENASKA GATEWAY STATION CTG 1	01INR0019		TGCCS_CT1	RUSK	GAS	NORTH	2001	162.0
412 TENASKA GATEWAY STATION CTG 2	01INR0019		TGCCS_CT2	RUSK	GAS	NORTH	2001	179.0
413 TENASKA GATEWAY STATION CTG 3	01INR0019		TGCCS_CT3	RUSK	GAS	NORTH	2001	178.0
414 TENASKA GATEWAY STATION CTG 4	01INR0019		TGCCS_UNIT4	RUSK	GAS	NORTH	2001	389.0
415 FRONTERA GENERATION CTG 1			FRONTERA_FRONTEG1	HIDALGO	GAS	SOUTH	1999	170.0
416 FRONTERA GENERATION CTG 2			FRONTERA_FRONTEG2	HIDALGO	GAS	SOUTH	1999	170.0
417 FRONTERA GENERATION CTG 3			FRONTERA_FRONTEG3	HIDALGO	GAS	SOUTH	2000	184.0
418 <b>Switchable Capacity Total</b>								<b>3,702.0</b>
419								
420 Switchable Capacity Unavailable to ERCOT			SWITCH_UNAVAIL		GAS			(470.0)
421								
422 Available Mothball Capacity based on Owner's Return Probability			MOTH_AVAIL		COAL			-
423								
424 Private-Use Network Capacity Contribution (Top 20 Hours)			PUN_CAP_CONT		GAS			4,433.0
425								
426 <b>Wind Resources</b>								
427 ANACACHO WIND	12INR0072		ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8
428 BARTON CHAPEL WIND	06INR0021		BRTSW_BCW1	JACK	WIND	NORTH	2007	120.0
429 BLUE SUMMIT WIND 5	12INR0075		BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0
430 BLUE SUMMIT WIND 6	12INR0075		BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4
431 BOBCAT BLUFF WIND	08INR0049		BCATWIND_WIND_1	ARCHER	WIND	WEST	2012	150.0
432 BUFFALO GAP WIND 1	04INR0015		BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6
433 BUFFALO GAP WIND 2_1	06INR0037		BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5
434 BUFFALO GAP WIND 2_2	06INR0037		BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0
435 BUFFALO GAP WIND 3	07INR0030		BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2008	170.2
436 BULL CREEK WIND U1	07INR0037		BULLCRK_WND1	BORDEN	WIND	WEST	2009	88.0
437 BULL CREEK WIND U2	07INR0037		BULLCRK_WND2	BORDEN	WIND	WEST	2009	90.0
438 CALLAHAN WIND	04INR0013		CALLAHAN_WND1	CALLAHAN	WIND	WEST	2004	114.0
439 CAMP SPRINGS WIND 1	06INR0038		CSEC_CSECG1	SCURRY	WIND	WEST	2007	130.5
440 CAMP SPRINGS WIND 2	07INR0040		CSEC_CSECG2	SCURRY	WIND	WEST	2007	120.0
441 CAPRICORN RIDGE WIND 1	07INR0018		CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5
442 CAPRICORN RIDGE WIND 2	07INR0041		CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0
443 CAPRICORN RIDGE WIND 3	07INR0041		CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5
444 CAPRICORN RIDGE WIND 4	08INR0063		CAPRIDGE_CR4	COKE	WIND	WEST	2008	112.5
445 CEDRO HILL WIND 1	09INR0082		CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0
446 CEDRO HILL WIND 2	09INR0082		CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0
447 CHAMPION WIND	07INR0045d		CHAMPION_UNIT1	NOLAN	WIND	WEST	2008	126.5
448 DESERT SKY WIND 1			INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0
449 DESERT SKY WIND 2			INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5
450 ELBOW CREEK WIND	08INR0053		ELB_ELBBCREEK	HOWARD	WIND	WEST	2008	118.7
451 FOREST CREEK WIND	05INR0019		MCDLD_FCW1	GLASSCOCK	WIND	WEST	2007	124.2
452 GOAT WIND	07INR0028		GOAT_GOATWIND	STERLING	WIND	WEST	2008	80.0
453 GOAT WIND 2	07INR0028b		GOAT_GOATWIN2	STERLING	WIND	WEST	2010	69.6
454 GOLDTHWAITE WIND 1	11INR0013		GWEC_GWEC_G1	MILLS	WIND	NORTH	2014	148.6
455 GRANDVIEW 1 (CONWAY) GV1A	13INR0005a		GRANDVV1_GV1A	CARSON	WIND	PANHANDLE	2014	107.4
456 GRANDVIEW 1 (CONWAY) GV1B	13INR0005a		GRANDVV1_GV1B	CARSON	WIND	PANHANDLE	2014	103.8
457 GREEN MOUNTAIN WIND (BRAZOS) U1	03INR0020		BRAZ_WND_WND1	SCURRY	WIND	WEST	2003	99.0
458 GREEN MOUNTAIN WIND (BRAZOS) U2	03INR0020		BRAZ_WND_WND2	SCURRY	WIND	WEST	2003	61.0
459 HACKBERRY WIND	04INR0011e		HWF_HWF_G1	SHACKELFORD	WIND	WEST	2008	163.5
460 HEREFORD WIND G	13INR0059a		HRFDWIND_WIND_G	DEAF SMITH	WIND	PANHANDLE	2015	99.9
461 HEREFORD WIND V	13INR0059a		HRFDWIND_WIND_V	DEAF SMITH	WIND	PANHANDLE	2015	100.0
462 HORSE HOLLOW WIND 1	05INR0018b		H_HOLLOW_WND1	TAYLOR	WIND	WEST	2005	206.6
463 HORSE HOLLOW WIND 2	05INR0018a		HHOLLOW2_WND1	TAYLOR	WIND	WEST	2006	158.0
464 HORSE HOLLOW WIND 3	06INR0040		HHOLLOW3_WND_1	TAYLOR	WIND	WEST	2006	208.0
465 HORSE HOLLOW WIND 4	06INR0040		HHOLLOW4_WND1	TAYLOR	WIND	WEST	2006	108.0
466 INADALE WIND	07INR0045b		INDL_INADALE1	NOLAN	WIND	WEST	2008	196.6
467 INDIAN MESA WIND	00INR0022		INDNNWP_INDNNWP	PECOS	WIND	WEST	2001	82.5
468 JUMBO ROAD WIND 1	13INR0059b		HRFDWIND_JRDWIND1	DEAF SMITH	WIND	PANHANDLE	2015	146.2
469 JUMBO ROAD WIND 2	13INR0059b		HRFDWIND_JRDWIND2	DEAF SMITH	WIND	PANHANDLE	2015	153.6
470 KEECHI WIND 138 KV JOPLIN	14INR0049_2		KEECHI_U1	JACK	WIND	NORTH	2014	110.0



## Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
471 KING MOUNTAIN NE	00INR0025	KING_NE_KINGNE	UPTON	WIND	WEST	2001	79.3
472 KING MOUNTAIN NW	00INR0025	KING_NW_KINGNW	UPTON	WIND	WEST	2001	79.3
473 KING MOUNTAIN SE	00INR0025	KING_SE_KINGSE	UPTON	WIND	WEST	2001	40.3
474 KING MOUNTAIN SW	00INR0025	KING_SW_KINGSW	UPTON	WIND	WEST	2001	79.3
475 LANGFORD WIND POWER	10INR0026	LGD_LANGFORD	TOM GREEN	WIND	WEST	2009	155.0
476 LONE STAR WIND 1 (MESQUITE)	04INR0011d	LNCRK_G83	SHACKELFORC	WIND	WEST	2006	200.0
477 LONE STAR WIND 2 (POST OAK) U1	04INR0011a	LNCRK2_G871	SHACKELFORC	WIND	WEST	2007	100.0
478 LONE STAR WIND 2 (POST OAK) U2	04INR0011a	LNCRK2_G872	SHACKELFORC	WIND	WEST	2007	100.0
479 LORAIN WINDPARK I	09INR0047	LONEWOLF_G1	MITCHELL	WIND	WEST	2009	49.5
480 LORAIN WINDPARK II	09INR0047	LONEWOLF_G2	MITCHELL	WIND	WEST	2009	51.0
481 LORAIN WINDPARK III	09INR0047	LONEWOLF_G3	MITCHELL	WIND	WEST	2011	25.5
482 LORAIN WINDPARK IV	09INR0047	LONEWOLF_G4	MITCHELL	WIND	WEST	2011	24.0
483 MESQUITE CREEK WIND 1	09INR0051	MESQCRK_WND1	DAWSON	WIND	WEST	2015	105.6
484 MESQUITE CREEK WIND 2	09INR0051	MESQCRK_WND2	DAWSON	WIND	WEST	2015	105.6
485 MIAMI WIND G1	14INR0012a	MIAM1_G1	GRAY	WIND	PANHANDLE	2014	144.3
486 MIAMI WIND G2	14INR0012a	MIAM1_G2	GRAY	WIND	PANHANDLE	2014	144.3
487 MCADOO WIND	08INR0028	MWEC_G1	DICKENS	WIND	PANHANDLE	2008	150.0
488 NOTREES WIND 1	07INR0005	NWF_NWF1	WINKLER	WIND	WEST	2009	92.6
489 NOTREES WIND 2	07INR0005	NWF_NWF2	WINKLER	WIND	WEST	2009	60.0
490 OCOTILLO WIND	04INR0017	OWF_OWF	HOWARD	WIND	WEST	2008	58.8
491 PANHANDLE WIND 1 U1	14INR0030a_2	PH1_UNIT1	CARSON	WIND	PANHANDLE	2014	109.2
492 PANHANDLE WIND 1 U2	14INR0030a_2	PH1_UNIT2	CARSON	WIND	PANHANDLE	2014	109.2
493 PANHANDLE WIND 2 U1	14INR0030b	PH2_UNIT1	CARSON	WIND	PANHANDLE	2014	94.2
494 PANHANDLE WIND 2 U2	14INR0030b	PH2_UNIT2	CARSON	WIND	PANHANDLE	2014	96.6
495 PANTHER CREEK 1	07INR0022	PC_NORTH_PANTHER1	HOWARD	WIND	WEST	2008	142.5
496 PANTHER CREEK 2	08INR0037	PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	2008	115.5
497 PANTHER CREEK 3	11INR0015	PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	2009	199.5
498 PECOS WIND 1 (WOODWARD)	01INR0035	WOODWRD1_WOODWR	PECOS	WIND	WEST	2001	82.5
499 PECOS WIND 2 (WOODWARD)	01INR0035	WOODWRD2_WOODWR	PECOS	WIND	WEST	2001	77.2
500 PYRON WIND	07INR0045a	PYR_PYRON1	SCURRY	WIND	WEST	2008	249.0
501 RED CANYON WIND	05INR0017	RDCANYON_RDCNY1	BORDEN	WIND	WEST	2006	84.0
502 ROSCOE WIND	07INR0045e	TKWSW1_ROSCOE	NOLAN	WIND	WEST	2008	209.0
503 ROUTE 66 WIND	14INR0032a	ROUTE_66_WIND1	CARSON	WIND	PANHANDLE	2015	150.0
504 SAND BLUFF WIND	05INR0019	MCDLD_SBW1	GLASSCOCK	WIND	WEST	2008	90.0
505 SENATE WIND	08INR0011	SENATEWD_UNIT1	JACK	WIND	NORTH	2012	150.0
506 SHERBINO I WIND	06INR0012a	KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0
507 SHERBINO 2 WIND	06INR0012b	KEO_SHRBINO2	PECOS	WIND	WEST	2011	147.5
508 SILVER STAR WIND	03INR0034	FLTCK_SSI	EASTLAND	WIND	NORTH	2008	60.0
509 SNYDER WIND	04INR0020	ENAS_ENA1	SCURRY	WIND	WEST	2007	63.0
510 SOUTH TRENT WIND	07INR0029	STWF_T1	NOLAN	WIND	WEST	2008	98.2
511 SPINNING SPUR WIND TWO	13INR0048	SSPURTWO_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0
512 STANTON WIND ENERGY	07INR0010	SWEC_G1	MARTIN	WIND	WEST	2008	120.0
513 STEPHENS RANCH WIND 1	12INR0034a	SRWE1_UNIT1	BORDEN	WIND	WEST	2014	211.2
514 STEPHENS RANCH WIND 2	12INR0034b	SRWE1_SRWE2	BORDEN	WIND	WEST	2015	164.7
515 SWEETWATER WIND 1	01INR0036	SWEETWND_WND1	NOLAN	WIND	WEST	2003	36.6
516 SWEETWATER WIND 2A	01INR0036	SWEETWN2_WND24	NOLAN	WIND	WEST	2006	15.9
517 SWEETWATER WIND 2B	01INR0036	SWEETWN2_WND2	NOLAN	WIND	WEST	2004	97.5
518 SWEETWATER WIND 3A	01INR0036	SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	28.5
519 SWEETWATER WIND 3B	01INR0036	SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	100.5
520 SWEETWATER WIND 4-5	07INR0023	SWEETWN4_WND5	NOLAN	WIND	WEST	2007	79.2
521 SWEETWATER WIND 4-4B	07INR0023	SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	103.7
522 SWEETWATER WIND 4-4A	07INR0023	SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	117.8
523 TEXAS BIG SPRING WIND a		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7
524 TEXAS BIG SPRING WIND b		SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6
525 TRENT WIND	01INR0038	TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
526 TRINITY HILLS WIND 1	08INR0062	TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	117.5
527 TRINITY HILLS WIND 2	08INR0062	TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	107.5
528 TURKEY TRACK WIND	07INR0011	TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
529 WEST TEXAS WIND		SW_MESA_SW_MESA	UPTON	WIND	WEST	1999	80.3
530 WHIRLWIND ENERGY	07INR0003	WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0
531 WHITETAIL WIND	11INR0091	EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	91.0
532 WINDTHORST 2 WIND	13INR0057	WINDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6
533 WKN MOZART WIND	09INR0061	MOZART_WIND_1	KENT	WIND	WEST	2012	30.0
534 WOLF RIDGE WIND	07INR0034	WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5
535 TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND	WEST	2008	2.0
536 WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0
537 <b>Operational Wind Capacity Sub-total (Non-Coastal Counties)</b>							<b>11,894.0</b>
538 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PEAK_PCT_NC	%				18.0
539							
540 GULF WIND I	05INR0015a	TGW_T1	KENEDY	WIND-C	COASTAL	2010	141.6
541 GULF WIND II	05INR0015a	TGW_T2	KENEDY	WIND-C	COASTAL	2010	141.6
542 LOS VIENTOS WIND I	11INR0033	LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1
543 LOS VIENTOS WIND II	11INR0033	LV1_LV1B	WILLACY	WIND-C	COASTAL	2013	201.6
544 MAGIC VALLEY WIND (REDFISH) 1A	10INR0060	REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8
545 MAGIC VALLEY WIND (REDFISH) 1B	10INR0060	REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5
546 PAPALOTE CREEK WIND	08INR0012a	PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9
547 PAPALOTE CREEK WIND II	08INR0012b	COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1
548 PENASCAL WIND 1	06INR0022a	PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8

## Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
549 PENASCAL WIND 2	06INR0022b	PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6
550 PENASCAL WIND 3	06INR0022b	PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8
551 HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0
<b>552 Operational Wind Capacity Sub-total (Coastal Counties)</b>							<b>1,680.4</b>
553 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				37.0
554							
<b>555 Operational Wind Capacity Total (All Counties)</b>		WIND_OPERATIONAL					<b>13,574.4</b>
556							
557 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			-
558							
<b>559 Non-Synchronous Tie Resources</b>							
560 EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0
561 EAST TIE		DC_E	FANNIN		NORTH		600.0
562 LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0
563 NORTH TIE		DC_N	WILBARGER		WEST		220.0
564 SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0
565 SHARYLAND RAILROAD TIE 2		DC_R2	HIDALGO		SOUTH		150.0
<b>566 Non-Synchronous Ties Total</b>							<b>1,250.0</b>
567 Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			371.4
568							
<b>569 Planned Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights</b>							
570 TEXAS CLEAN ENERGY PROJECT	13INR0023		ECTOR	COAL	WEST	2018	-
571 FGE TEXAS I PROJECT	16INR0010		MITCHELL	GAS	WEST	2017	-
572 GSEC ANTELOPE 1-3 IC & ELK 1 CTG (SWITCHABLE)	13INR0028		HALE	GAS	PANHANDLE	2016	-
573 ECTOR COUNTY ENERGY [CECEC_G1-2]	14INR0039		ECTOR	GAS	WEST	2015	341.0
574 LA PALOMA ENERGY CENTER PROJECT	16INR0004		CAMERON	GAS	COASTAL	2018	-
575 PHR PEAKERS [BAC_CTG1-6]	14INR0038		GALVESTON	GAS	HOUSTON	2016	-
576 SKY GLOBAL POWER ONE	16INR0057		COLORADO	GAS	SOUTH	2016	-
577 INDECK WHARTON ENERGY CENTER	15INR0023		WHARTON	GAS	SOUTH	2017	-
578 PONDERA KING PROJECT	10INR0022		HARRIS	GAS	HOUSTON	2017	-
579 PINECREST ENERGY CENTER PROJECT	16INR0006		ANGELINA	GAS	NORTH	2017	-
580 STEC RED GATE IC PLANT	14INR0040		HIDALGO	GAS	SOUTH	2016	-
581 GSEC ELK STATION CTG 2 (SWITCHABLE)	15INR0032		HALE	GAS	PANHANDLE	2016	-
582 GSEC ELK STATION CTG 3	15INR0033		HALE	GAS	PANHANDLE	2016	-
583 BETHEL CAES	15INR0013		ANDERSON	STORAGE	NORTH	2018	-
<b>584 Planned Capacity Total (Coal, Gas &amp; Storage)</b>							<b>341.0</b>
585							
<b>586 Planned Solar Resources with Executed SGIA</b>							
587 DOWNIE RANCH SOLAR (ALAMO 5) [HELIOS_UNIT1]	15INR0036		UVALDE	SOLAR	SOUTH	2015	-
588 FS EAST PECOS SOLAR	16INR0073		PECOS	SOLAR	WEST	2016	-
589 OCI ALAMO 6 SOLAR	15INR0070_1		PECOS	SOLAR	WEST	2016	-
590 RE ROSEROCK SOLAR	16INR0048		PECOS	SOLAR	WEST	2016	-
591 SUNEDISON BUCKTHORN WESTEX (OAK SOLAR)	15INR0045		PECOS	SOLAR	WEST	2017	-
592 OCI ALAMO 7 SOLAR	16INR0052		HASKELL	SOLAR	WEST	2016	-
593 NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2016	-
594 PECOS SOLAR POWER I	15INR0059		PECOS	SOLAR	WEST	2016	-
595 BNB LAMESA SOLAR	16INR0023		DAWSON	SOLAR	WEST	2016	-
596 FS BARILLA SOLAR 1B [HOVEY_UNIT2]	12INR0059b		PECOS	SOLAR	WEST	2015	7.4
597 FS BARILLA SOLAR 2	12INR0059c		PECOS	SOLAR	WEST	2016	-
<b>598 Planned Capacity Total (Solar)</b>							<b>7.4</b>
599							
<b>600 Planned Wind Resources with Executed SGIA</b>							
601 MARIAH WIND PH a	13INR0010a		PARMER	WIND	PANHANDLE	2016	-
602 MARIAH WIND PH b	13INR0010b		PARMER	WIND	PANHANDLE	2016	-
603 MIDWAY FARMS WIND	11INR0054		SAN PATRICIO	WIND-C	COASTAL	2016	-
604 LONGHORN ENERGY NORTH [LHORN_N_UNIT1-2]	14INR0023		BRISCOE	WIND	PANHANDLE	2015	200.0
605 LONGHORN ENERGY SOUTH	14INR0023b		BRISCOE	WIND	PANHANDLE	2016	-
606 COLBECK'S CORNER (DOUGLAS) WIND	13INR0005b		CARSON	WIND	PANHANDLE	2016	-
607 GRANDVIEW 3 (CONWAY) WIND	13INR0005c		CARSON	WIND	PANHANDLE	2016	-
608 SHANNON WIND [SHANNONW_UNIT_1]	11INR0079a		CLAY	WIND	WEST	2015	200.0
609 BAFFIN WIND (PENASCAL 3) [BAFFIN_UNIT1-2]	06INR0022c		KENEDY	WIND-C	COASTAL	2015	202.0
610 GUNSIGHT MOUNTAIN WIND	08INR0018		HOWARD	WIND	WEST	2016	-
611 BRISCOE WIND [BRISCOE_WIND]	14INR0072		BRISCOE	WIND	PANHANDLE	2015	150.0
612 CAMERON COUNTY WIND [CAMWIND_UNIT1]	11INR0057		CAMERON	WIND-C	COASTAL	2015	165.0
613 COMANCHE RUN WIND	12INR0029		SWISHER	WIND	PANHANDLE	2016	-
614 CPV RATTLESNAKE DEN PH 1 [RSNAKE_G1-2]	13INR0020a		GLASSCOCK	WIND	WEST	2015	211.0
615 CPV RATTLESNAKE DEN PH 2	13INR0020b		GLASSCOCK	WIND	WEST	2016	-
616 GREEN PASTURES WIND [GPASTURE_WIND_I & II]	12INR0070		KNOX	WIND	WEST	2015	300.0
617 LOGANS GAP WIND I [LGW_UNIT1-2]	13INR0050		COMANCHE	WIND	NORTH	2015	211.0
618 LOS VIENTOS III WIND [LV3_UNIT_1]	13INR0052		STARR	WIND	SOUTH	2015	200.0
619 MIAMI WIND 1b	14INR0012b		GRAY	WIND	PANHANDLE	2016	-
620 PAMPA WIND	12INR0018		GRAY	WIND	PANHANDLE	2017	-
621 PATRIOT WIND (PETRONILLA)	11INR0062		NUECES	WIND-C	COASTAL	2016	-
622 SENDERO WIND ENERGY [EXGNSND_WIND_1]	12INR0068		JIM HOGG	WIND	SOUTH	2015	-
623 SOUTH PLAINS WIND I [SPLAIN1_WIND1-2]	14INR0025a		FLOYD	WIND	PANHANDLE	2015	200.0
624 SOUTH PLAINS WIND II	14INR0025b		FLOYD	WIND	PANHANDLE	2016	-
625 SPINNING SPUR 3 [SSPURTWO_SS3WIND1-2]	14INR0053		OLDHAM	WIND	PANHANDLE	2015	194.0
626 WAKE WIND ENERGY	14INR0047		DICKENS	WIND	PANHANDLE	2016	-

## Unit Capacities - Winter

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
627 CAPROCK WIND	10INR0009		CASTRO	WIND	PANHANDLE	2017	-
628 JAVELINA WIND [BORDAS_JAVEL18 & 20]	13INR0055		ZAPATA	WIND	SOUTH	2015	-
629 LOS VIENTOS IV WIND	15INR0037		STARR	WIND	SOUTH	2016	-
630 LOS VIENTOS V WIND	15INR0021		STARR	WIND	SOUTH	2015	-
631 PALO DURO WIND	15INR0050		DEAF SMITH	WIND	PANHANDLE	2016	-
632 PANHANDLE WIND PH 3	14INR0030c		CARSON	WIND	PANHANDLE	2016	-
633 PULLMAN ROAD WIND	15INR0079		RANDALL	WIND	PANHANDLE	2016	-
634 SALT FORK WIND	14INR0062		GRAY	WIND	PANHANDLE	2016	-
635 SCANDIA WIND PH d	13INR0010d		PARMER	WIND	PANHANDLE	2016	-
636 SCANDIA WIND PH e	13INR0010e		PARMER	WIND	PANHANDLE	2016	-
637 SCANDIA WIND PH f	13INR0010f		PARMER	WIND	PANHANDLE	2016	-
638 SAN ROMAN WIND	14INR0013		CAMERON	WIND-C	COASTAL	2016	-
639 CHANGING WINDS	13INR0045		CASTRO	WIND	PANHANDLE	2016	-
640 ELECTRA WIND	16INR0062		WILBARGER	WIND	WEST	2016	-
641 SOUTH PLAINS WIND III	14INR0025c		FLOYD	WIND	PANHANDLE	2016	-
642 TORRECILLAS WIND A	14INR0045a		WEBB	WIND	SOUTH	2016	-
643 TORRECILLAS WIND B	14INR0045b		WEBB	WIND	SOUTH	2016	-
644 HORSE CREEK WIND	14INR0060		HASKELL	WIND	WEST	2016	-
645 WILLOW SPRINGS WIND	14INR0060b		HASKELL	WIND	WEST	2016	-
646 MUENSTER WIND	15INR0085		COOKE	WIND	NORTH	2016	-
647 HAPPY WHITEFACE WIND	15INR0074		DEAF SMITH	WIND	PANHANDLE	2016	-
648 CHAPMAN RANCH WIND I	16INR0055		NUECES	WIND-C	COASTAL	2016	-
649 HIDALGO & STARR WIND	16INR0024		HIDALGO	WIND	SOUTH	2016	-
650 VAL VERDE WIND	11INR0082a		VAL VERDE	WIND	WEST	2016	-
651 <b>Planned Capacity Total (Wind)</b>							<b>2,233.0</b>
652							
653 Planned Wind Capacity Sub-total (Non-Coastal Counties)		WIND_PLANNED_NC					1,866.0
654 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PEAK_PCT_NC	%				18.0
655							
656 Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C					367.0
657 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				37.0
658							
659 <b>Seasonal Mothballed Resources</b>							
660 MARTIN LAKE U1 (SEASONAL MOTHBALL)		MLSES_UNIT1_M	RUSK	COAL	NORTH	2016	815.0
661 MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0
662 MONTICELLO U1		MNSES_UNIT1	TITUS	COAL	NORTH	1974	580.0
663 MONTICELLO U2		MNSES_UNIT2	TITUS	COAL	NORTH	1975	580.0
664 <b>Total Seasonal Mothballed Capacity</b>							<b>2,795.0</b>
665							
666 <b>Mothballed Resources</b>							
667 J T DEELY U1 (MOTHBALLED)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	2018	-
668 J T DEELY U2 (MOTHBALLED)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	2018	-
669 SILAS RAY CTG 5 (RETIREES 3/5/2016)		SILASRAY_SILAS_5	CAMERON	GAS	COASTAL	1953	10.0
670 S R BERTRON CTG 2		SRB_SRBGT_2	HARRIS	GAS	HOUSTON	1967	13.0
671 S R BERTRON U1		SRB_SRB_G1	HARRIS	GAS	HOUSTON	1958	118.0
672 S R BERTRON U2		SRB_SRB_G2	HARRIS	GAS	HOUSTON	1956	174.0
673 S R BERTRON U3		SRB_SRB_G3	HARRIS	GAS	HOUSTON	1959	211.0
674 S R BERTRON U4		SRB_SRB_G4	HARRIS	GAS	HOUSTON	1960	211.0
675 <b>Total Mothballed Capacity</b>							<b>737.0</b>

## 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.