

**PRELIMINARY**  
**Seasonal Assessment of Resource Adequacy for the ERCOT Region**  
**Summer 2015**

**SUMMARY**

The ERCOT Region is expected to have sufficient installed generating capacity to serve forecasted peak demands in the upcoming summer season (June - September 2015).

For the summer season, expected new capacity additions include the natural gas fired Goldsmith Peaker project with a summer rating of 294 MW, as well as 346 MW of summer peak wind capacity. This peak wind capacity was derived by applying new summer peak capacity percentages approved by the ERCOT Board of Directors in October 2014: 12 percent for non-coastal resources and 56 percent for coastal resources.

Notable capacity reductions include the three R.W. Miller gas-fired steam units (summer capacity rating of 403 MW), which are now on extended outage due to lack of cooling water. Based on ERCOT's drought risk analysis, no other changes to unit capacities due to drought conditions are anticipated or reflected in the summer assessment at this time. ERCOT will continue to monitor the potential effect of drought conditions on generation capacity. Additionally, capacity for the Notrees Battery Storage facility was changed from 34 MW to zero MW because the facility provides regulation reserves in the Ancillary Services market and is not available to deliver energy on a sustained hourly basis. This SARA report includes a forecast of 2,689 MW of unit outages, based on historical outage data since the start of the Texas Nodal Market in December 2010.

At this time, ERCOT does not anticipate changes to available generation capacity for the summer season due to compliance with the Cross-State Air Pollution Rule (CSAPR) or Mercury and Air Toxics Standards (MATS). CSAPR came into effect on January 1, 2015, and the compliance deadline for the MATS rule for units that have not received compliance extensions is April 15, 2015. ERCOT continues to monitor implementation and consults with generation resource owners on their compliance plans for CSAPR, MATS and other environmental regulations.

**Seasonal Assessment of Resource Adequacy for the ERCOT Region**  
**Summer 2015 - PRELIMINARY**  
**Release Date: March 2, 2015**

**Forecasted Capacity and Demand**

Operational Resources (excluding wind), MW	64,260	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Switchable Capacity Total, MW	3,496	installed capacity of units 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	1,933	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Private Use Network Capacity Contribution, MW	4,344	Average capability of the top 20 hours in the summer peak seasons for the past three years (2012-2014)
Capacity Contribution of Non-Coastal Wind Resources, MW	1,307	Based on 12% of installed capacity for non-coastal wind resources per ERCOT Nodal Protocols Section 3.2.6.2.2 and approved NPRR 611
Capacity Contribution of Coastal Wind Resources, MW	941	Based on 56% of installed capacity for coastal wind resources per ERCOT Nodal Protocols Section 3.2.6.2.2. and approved NPRR 611
RMR Resources to be under Contract, MW	0	No RMR Resources currently under contract
Non-Synchronous Ties Capacity Contribution, MW	517	Average capability of the top 20 hours in the summer peak seasons for the past three years (2012-2014)
Planned Resources (not wind) with signed IA and Air Permit, MW	294	Based on in-service dates provided by developers of generation resources
Capacity Contribution of Planned Non-Coastal Wind with signed IA, MW	232	Based on in-service dates provided by developers of generation resources and 12% of installed capacity for non-coastal wind resources
Capacity Contribution of Planned Coastal Wind with signed IA, MW	113	Based on in-service dates provided by developers of generation resources and 56% of installed capacity for coastal wind resources
<b>[a] Total Resources, MW</b>	<b>76,968</b>	
<b>[b] Peak Demand, MW</b>	<b>69,057</b>	Summer peak forecast is based on normal weather conditions for 2002 – 2013
<b>[c] Reserve Capacity [a - b], MW</b>	<b>7,911</b>	

**Range of Potential Risks**

	Forecasted Summer Season Peak Load	Extreme Load / Typical Generation Outages	Extreme Load / Extreme Generation Outages	
Seasonal Load Adjustment	328	2,298	2,298	Based on extreme weather forecast using 2011 weather data.
Typical Maintenance Outages	2,361	328	328	Based on historical average of planned outages for June through September weekdays (starting in August 2010).
Typical Forced Outages	-	2,361	2,361	Based on historical average of forced outages for June through September weekdays (starting in August 2010).
90th Percentile Forced Outages	-	-	2,456	
<b>[d] Total Uses of Reserve Capacity</b>	<b>2,689</b>	<b>4,987</b>	<b>7,443</b>	
<b>[e] Capacity Available for Operating Reserves (c-d), MW</b>	<b>5,222</b>	<b>2,924</b>	<b>468</b>	
Less than 2,300 MW indicates risk of EEA1				

COMMON NAME		GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
2	Operational Resources							
3	COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,205.0
4	COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,195.0
5	SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,286.0
6	SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,295.0
7	BIG BROWN U1		BBSES_UNIT1	FREESTONE	COAL	NORTH	1971	600.0
8	BIG BROWN U2		BBSES_UNIT2	FREESTONE	COAL	NORTH	1972	595.0
9	COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	660.0
10	FAYETTE POWER PROJECT U1		FPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	604.0
11	FAYETTE POWER PROJECT U2		FPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	599.0
12	FAYETTE POWER PROJECT U3		FPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	437.0
13	GIBBONS CREEK U1		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0
14	J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	555.0
15	J K SPRUCE U2	09INR0002	CALAVERS_JKS2	BEXAR	COAL	SOUTH	2010	775.0
16	J T DEELY U1		CALAVERS_JTD1	BEXAR	COAL	SOUTH	1977	420.0
17	J T DEELY U2		CALAVERS_JTD2	BEXAR	COAL	SOUTH	1978	420.0
18	LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	831.0
19	LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	858.0
20	MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	800.0
21	MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	805.0
22	MONTICELLO U3		MNSES_UNIT3	TITUS	COAL	NORTH	1978	795.0
23	OAK GROVE SES U1	09INR0006a	OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	840.0
24	OAK GROVE SES U2	09INR0006b	OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	825.0
25	OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
26	SAN MIGUEL U1		SANMIGL_SANMIGG1	ATASCOSA	COAL	SOUTH	1982	391.0
27	SANDOW U5	08INR0003	SD5SES_UNITS5	MILAM	COAL	SOUTH	2010	600.0
28	SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	970.0
29	TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	156.0
30	TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	156.0
31	W A PARISH U5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	659.0
32	W A PARISH U6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	658.0
33	W A PARISH U7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0
34	W A PARISH U8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0
35	VON ROSENBERG 1 CTG 1	00INR0017	BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	155.0
36	VON ROSENBERG 1 CTG 2	00INR0017	BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	155.0
37	VON ROSENBERG 1 STG	00INR0017	BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	170.0
38	B M DAVIS CTG 3	09INR0038	B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	157.0
39	B M DAVIS CTG 4	09INR0038	B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	157.0
40	B M DAVIS STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	319.0
41	BASTROP ENERGY CENTER CTG 1	01INR0021	BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	150.0
42	BASTROP ENERGY CENTER CTG 2	01INR0021	BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	150.0
43	BASTROP ENERGY CENTER STG	01INR0021	BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	233.0
44	BOSQUE COUNTY PEAKING CTG 1	00INR0018	BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	143.2
45	BOSQUE COUNTY PEAKING CTG 2	00INR0018	BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	143.2
46	BOSQUE COUNTY PEAKING CTG 3	00INR0018	BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	150.2
47	BOSQUE COUNTY PEAKING CTG 4	00INR0028	BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	81.4

COMMON NAME		GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
48	BOSQUE COUNTY PEAKING STG 5	08INR0046	BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	190.5
49	BRAZOS VALLEY CTG 1	01INR0031	BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	166.0
50	BRAZOS VALLEY CTG 2	01INR0031	BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	166.0
51	BRAZOS VALLEY CTG 3	01INR0031	BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
52	CALENERGY (FALCON SEABOARD) CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	75.0
53	CALENERGY (FALCON SEABOARD) CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	75.0
54	CALENERGY (FALCON SEABOARD) STG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	70.0
55	CEDAR BAYOU CTG 4	08INR0035	CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	163.0
56	CEDAR BAYOU CTG 5	08INR0035	CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	178.0
57	CEDAR BAYOU CTG 6	08INR0035	CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	178.0
58	COLORADO BEND ENERGY CENTER CTG 1	06INR0035	CBEC_GT1	WHARTON	GAS	SOUTH	2007	76.0
59	COLORADO BEND ENERGY CENTER CTG 2	06INR0035	CBEC_GT2	WHARTON	GAS	SOUTH	2007	69.0
60	COLORADO BEND ENERGY CENTER CTG 3	06INR0035	CBEC_GT3	WHARTON	GAS	SOUTH	2008	72.0
61	COLORADO BEND ENERGY CENTER CTG 4	06INR0035	CBEC_GT4	WHARTON	GAS	SOUTH	2008	72.0
62	COLORADO BEND ENERGY CENTER STG 1	06INR0035	CBEC_STG1	WHARTON	GAS	SOUTH	2007	103.0
63	COLORADO BEND ENERGY CENTER STG 2	06INR0035	CBEC_STG2	WHARTON	GAS	SOUTH	2008	106.0
64	CVC CHANNELVIEW CTG 1	02INR0004	CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	155.4
65	CVC CHANNELVIEW CTG 2	02INR0004	CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	165.1
66	CVC CHANNELVIEW CTG 3	02INR0004	CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	163.9
67	CVC CHANNELVIEW STG 5	02INR0004	CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	134.2
68	DEER PARK ENERGY CENTER CTG 1	02INR0020	DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	181.0
69	DEER PARK ENERGY CENTER CTG 2	02INR0020	DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	193.0
70	DEER PARK ENERGY CENTER CTG 3	02INR0020	DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	181.0
71	DEER PARK ENERGY CENTER CTG 4	02INR0020	DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	193.0
72	DEER PARK ENERGY CENTER STG	02INR0020	DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	290.0
73	DEER PARK ENERGY CENTER CTG 6	14INR0015	DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	165.0
74	ENNIS POWER STATION CTG 2	01INR0008	ETCCS_CT1	ELLIS	GAS	NORTH	2002	196.0
75	ENNIS POWER STATION STG 1	01INR0008	ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	116.0
76	FERGUSON REPLACEMENT CTG1	13INR0021	FERGCC_FERGGT1	LLANO	GAS	SOUTH	2014	161.9
77	FERGUSON REPLACEMENT CTG2	13INR0021	FERGCC_FERGGT2	LLANO	GAS	SOUTH	2014	161.9
78	FERGUSON REPLACEMENT STG	13INR0021	FERGCC_FERGGT1	LLANO	GAS	SOUTH	2014	186.0
79	FORNEY ENERGY CENTER CTG 11	01INR0007	FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	168.0
80	FORNEY ENERGY CENTER CTG 12	01INR0007	FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	160.0
81	FORNEY ENERGY CENTER CTG 13	01INR0007	FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	160.0
82	FORNEY ENERGY CENTER CTG 21	01INR0007	FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	168.0
83	FORNEY ENERGY CENTER CTG 22	01INR0007	FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	160.0
84	FORNEY ENERGY CENTER CTG 23	01INR0007	FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	160.0
85	FORNEY ENERGY CENTER STG 10	01INR0007	FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	417.0
86	FORNEY ENERGY CENTER STG 20	01INR0007	FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	417.0
87	FREESTONE ENERGY CENTER CTG 1	01INR0009	FREC_GT1	FREESTONE	GAS	NORTH	2002	151.6
88	FREESTONE ENERGY CENTER CTG 2	01INR0009	FREC_GT2	FREESTONE	GAS	NORTH	2002	151.6
89	FREESTONE ENERGY CENTER STG 3	01INR0009	FREC_ST3	FREESTONE	GAS	NORTH	2002	176.2
90	FREESTONE ENERGY CENTER CTG 4	01INR0009	FREC_GT4	FREESTONE	GAS	NORTH	2002	151.7
91	FREESTONE ENERGY CENTER CTG 5	01INR0009	FREC_GT5	FREESTONE	GAS	NORTH	2002	151.7
92	FREESTONE ENERGY CENTER STG 6	01INR0009	FREC_ST6	FREESTONE	GAS	NORTH	2002	174.5
93	GUADALUPE GEN STN CTG 1	01INR0004	GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	148.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
94 GUADALUPE GEN STN CTG 2	011NR0004	GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	148.0
95 GUADALUPE GEN STN CTG 3	011NR0004	GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	148.0
96 GUADALUPE GEN STN CTG 4	011NR0004	GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	148.0
97 GUADALUPE GEN STN CTG 5	011NR0004	GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	197.0
98 GUADALUPE GEN STN CTG 6	011NR0004	GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	197.0
99 HAYS ENERGY FACILITY CSG 1	011NR0003	HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	216.0
100 HAYS ENERGY FACILITY CSG 2	011NR0003	HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	216.0
101 HAYS ENERGY FACILITY CSG 3	011NR0003	HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	225.0
102 HAYS ENERGY FACILITY CSG 4	011NR0003	HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	225.0
103 HIDALGO CTG 1	001NR0006	DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	143.0
104 HIDALGO CTG 2	001NR0006	DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	143.0
105 HIDALGO CTG 3	001NR0006	DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	172.0
106 JACK COUNTY GEN FACILITY CTG 1	051NR0010	JACKCNTY_CT1	JACK	GAS	NORTH	2005	166.0
107 JACK COUNTY GEN FACILITY CTG 2	051NR0010	JACKCNTY_CT2	JACK	GAS	NORTH	2005	165.0
108 JACK COUNTY GEN FACILITY CTG 3	051NR0010	JACKCNTY_STG	JACK	GAS	NORTH	2005	165.0
109 JACK COUNTY GEN FACILITY CTG 4	101NR0010	JACKCNTY2_CT3	JACK	GAS	NORTH	2011	295.0
110 JACK COUNTY GEN FACILITY CTG 5	101NR0010	JACKCNTY2_CT4	JACK	GAS	NORTH	2011	165.0
111 JACK COUNTY GEN FACILITY CTG 6	101NR0010	JACKCNTY2_ST2	JACK	GAS	NORTH	2011	295.0
112 JOHNSON COUNTY GEN FACILITY CTG 1	101NR0010	TEN_CT1	JOHNSON	GAS	NORTH	1997	163.0
113 JOHNSON COUNTY GEN FACILITY CTG 2	101NR0010	TEN_CT2	JOHNSON	GAS	NORTH	1997	106.0
114 LAMAR POWER PROJECT CTG 11	001NR0008	LPCS_CT11	LAMAR	GAS	NORTH	2000	163.0
115 LAMAR POWER PROJECT CTG 12	001NR0008	LPCS_CT12	LAMAR	GAS	NORTH	2000	153.0
116 LAMAR POWER PROJECT CTG 21	001NR0008	LPCS_CT21	LAMAR	GAS	NORTH	2000	153.0
117 LAMAR POWER PROJECT CTG 22	001NR0008	LPCS_CT22	LAMAR	GAS	NORTH	2000	163.0
118 LAMAR POWER PROJECT CTG 1	001NR0008	LPCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
119 LAMAR POWER PROJECT CTG 2	001NR0008	LPCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
120 LOST PINES CTG 1	021NR0005	LOSTPL_LOSTPGT1	BASTROP	GAS	SOUTH	2001	170.0
121 LOST PINES CTG 2	021NR0005	LOSTPL_LOSTPGT2	BASTROP	GAS	SOUTH	2001	170.0
122 LOST PINES CTG 3	021NR0005	LOSTPL_LOSTPGT3	BASTROP	GAS	SOUTH	2001	188.0
123 MAGIC VALLEY CTG 1	001NR0009	NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	208.6
124 MAGIC VALLEY CTG 2	001NR0009	NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	208.6
125 MAGIC VALLEY CTG 3	001NR0009	NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	253.0
126 MIDLOTHIAN CS 1	001NR0012	MDANP_CT1	ELLIS	GAS	NORTH	2001	235.0
127 MIDLOTHIAN CS 2	001NR0012	MDANP_CT2	ELLIS	GAS	NORTH	2001	235.0
128 MIDLOTHIAN CS 3	001NR0012	MDANP_CT3	ELLIS	GAS	NORTH	2001	235.0
129 MIDLOTHIAN CS 4	001NR0012	MDANP_CT4	ELLIS	GAS	NORTH	2001	235.0
130 MIDLOTHIAN CS 5	021NR0008	MDANP_CT5	ELLIS	GAS	NORTH	2002	252.0
131 MIDLOTHIAN CS 6	021NR0008	MDANP_CT6	ELLIS	GAS	NORTH	2002	252.0
132 NUECES BAY CTG 8	091NR0039	NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	157.0
133 NUECES BAY CTG 9	091NR0039	NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	157.0
134 NUECES BAY CTG 7	091NR0039	NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	319.0
135 ODESSA-ECTOR GEN STN CTG 11	011NR0026	OECSS_CT11	ECTOR	GAS	WEST	2001	151.0
136 ODESSA-ECTOR GEN STN CTG 12	011NR0026	OECSS_CT12	ECTOR	GAS	WEST	2001	140.4
137 ODESSA-ECTOR GEN STN CTG 21	011NR0026	OECSS_CT21	ECTOR	GAS	WEST	2001	144.7
138 ODESSA-ECTOR GEN STN CTG 22	011NR0026	OECSS_CT22	ECTOR	GAS	WEST	2001	142.4
139 ODESSA-ECTOR GEN STN CTG 1	011NR0026	OECSS_UNIT1	ECTOR	GAS	WEST	2001	210.0

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140	ODESSA-ECTOR GEN STN STG 2	01INR0026	OEECS_UNIT2	ECTOR	GAS	WEST	2001	210.0
141	PANDA SHERMAN CTG1	10INR0021	PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	196.0
142	PANDA SHERMAN CTG2	10INR0021	PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	195.0
143	PANDA SHERMAN STG	10INR0021	PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	326.0
144	PANDA TEMPLE CTG1	10INR0020a	PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	195.0
145	PANDA TEMPLE CTG2	10INR0020a	PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	195.0
146	PANDA TEMPLE STG	10INR0020a	PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	312.0
147	PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	76.0
148	PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	76.0
149	PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	87.0
150	PASGEN CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	164.0
151	PASGEN CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	164.0
152	PASGEN STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	167.0
153	QUAIL RUN ENERGY CTG 1	06INR0036	QALSW_GT2	ECTOR	GAS	WEST	2007	74.0
154	QUAIL RUN ENERGY CTG 2	06INR0036	QALSW_GT3	ECTOR	GAS	WEST	2008	72.0
155	QUAIL RUN ENERGY CTG 3	06INR0036	QALSW_STG1	ECTOR	GAS	WEST	2007	98.0
156	QUAIL RUN ENERGY CTG 4	06INR0036	QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
157	QUAIL RUN ENERGY STG 1	06INR0036	QALSW_GT1	ECTOR	GAS	WEST	2007	74.0
158	QUAIL RUN ENERGY STG 2	06INR0036	QALSW_GT4	ECTOR	GAS	WEST	2008	72.0
159	SAM RAYBURN CTG 7	03INR0014	RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
160	RIO NOGALES CTG 1	02INR0001	RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	154.0
161	RIO NOGALES CTG 2	02INR0001	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	154.0
162	RIO NOGALES CTG 3	02INR0001	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	154.0
163	RIO NOGALES CTG 4	02INR0001	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
164	SAM RAYBURN CTG 8	03INR0014	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	50.0
165	SAM RAYBURN CTG 9	03INR0014	RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
166	SAM RAYBURN STG 10	03INR0014	RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
167	SANDHILL ENERGY CENTER CTG 5A	03INR0033	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	150.0
168	SANDHILL ENERGY CENTER STG 5C	03INR0033	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	145.0
169	SILAS RAY STG 6		SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	20.0
170	SILAS RAY CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	38.0
171	T H WHARTON CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	1972	57.0
172	T H WHARTON CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	1972	57.0
173	T H WHARTON CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	1972	57.0
174	T H WHARTON CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	1972	57.0
175	T H WHARTON STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	1974	104.0
176	T H WHARTON CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	1972	57.0
177	T H WHARTON CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	1972	57.0
178	T H WHARTON CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	1974	57.0
179	T H WHARTON CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	1974	57.0
180	T H WHARTON STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	1974	104.0
181	TEXAS CITY CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	96.6
182	TEXAS CITY CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	96.6
183	TEXAS CITY CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	96.6
184	TEXAS CITY STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.6
185	VICTORIA POWER STATION CTG 6	08INR0050	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	160.0

COMMON NAME		GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
186	VICTORIA POWER STATION STG 5	08INR0050	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	125.0
187	WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0
188	WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0
189	WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0
190	WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	17.0
191	WISE-TRACTEBEL POWER CTG 1	02INR0009	WCPP_CT1	WISE	GAS	NORTH	2004	212.0
192	WISE-TRACTEBEL POWER CTG 2	02INR0009	WCPP_CT2	WISE	GAS	NORTH	2004	212.0
193	WISE-TRACTEBEL POWER STG 1	02INR0009	WCPP_ST1	WISE	GAS	NORTH	2004	241.0
194	WOLF HOLLOW POWER CTG 1	01INR0015	WHCCS_CT1	HOOD	GAS	NORTH	2002	212.5
195	WOLF HOLLOW POWER CTG 2	01INR0015	WHCCS_CT2	HOOD	GAS	NORTH	2002	212.5
196	WOLF HOLLOW POWER STG	01INR0015	WHCCS_STG	HOOD	GAS	NORTH	2002	280.0
197	ATKINS CTG 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	20.0
198	DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	48.0
199	DANSBY CTG 3	09INR0072	DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	48.0
200	DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	48.0
201	DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	48.0
202	DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	48.0
203	DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	48.0
204	DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	71.0
205	DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	70.0
206	DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	69.0
207	DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	68.0
208	EXTEX LAPORTE GEN STN CTG 1	01INR0044	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	38.0
209	EXTEX LAPORTE GEN STN CTG 2	01INR0044	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	38.0
210	EXTEX LAPORTE GEN STN CTG 3	01INR0044	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	38.0
211	EXTEX LAPORTE GEN STN CTG 4	01INR0044	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	38.0
212	GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	46.0
213	GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	46.0
214	GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	46.0
215	GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	56.0
216	GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	46.0
217	GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.4
218	GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.4
219	GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.4
220	LAREDO CTG 4	08INR0064	LARDVFTN_G4	WEBB	GAS	SOUTH	2008	94.2
221	LAREDO CTG 5	08INR0064	LARDVFTN_G5	WEBB	GAS	SOUTH	2008	94.2
222	LEON CREEK PEAKER CTG 1	04INR0009	LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	46.0
223	LEON CREEK PEAKER CTG 2	04INR0009	LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	46.0
224	LEON CREEK PEAKER CTG 3	04INR0009	LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	46.0
225	LEON CREEK PEAKER CTG 4	04INR0009	LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	46.0
226	MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	68.0
227	MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	68.0
228	MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	68.0
229	MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	68.0
230	MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	68.0
231	MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	67.0

COMMON NAME		GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
232	PEARSALL IC ENGINE PLANT A	09INR0079a	PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
233	PEARSALL IC ENGINE PLANT B	09INR0079a	PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
234	PEARSALL IC ENGINE PLANT C	09INR0079b	PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
235	PEARSALL IC ENGINE PLANT D	09INR0079b	PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
236	PERMAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	68.0
237	PERMAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	65.0
238	PERMAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	68.0
239	PERMAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	69.0
240	PERMAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	70.0
241	R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	2000	104.0
242	R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	2000	104.0
243	RAY OLINGER CTG 4	00INR0024	OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	75.0
244	SAM RAYBURN CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	11.0
245	SAM RAYBURN CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	11.0
246	SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	81.0
247	SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	81.0
248	SANDHILL ENERGY CENTER CTG 1	01INR0041	SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	47.0
249	SANDHILL ENERGY CENTER CTG 2	01INR0041	SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	47.0
250	SANDHILL ENERGY CENTER CTG 3	01INR0041	SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	47.0
251	SANDHILL ENERGY CENTER CTG 4	01INR0041	SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	47.0
252	SANDHILL ENERGY CENTER CTG 6	09INR0045	SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	47.0
253	SANDHILL ENERGY CENTER CTG 7	09INR0045	SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	47.0
254	SILAS RAY CTG 10	04INR0014	SILASRAY_SILAS_10	CAMERON	GAS	COASTAL	2004	46.0
255	T H WHARTON CTG 51		THW_THWGT51	HARRIS	GAS	HOUSTON	1975	57.0
256	T H WHARTON CTG 52		THW_THWGT52	HARRIS	GAS	HOUSTON	1975	57.0
257	T H WHARTON CTG 53		THW_THWGT53	HARRIS	GAS	HOUSTON	1975	57.0
258	T H WHARTON CTG 54		THW_THWGT54	HARRIS	GAS	HOUSTON	1975	57.0
259	T H WHARTON CTG 55		THW_THWGT55	HARRIS	GAS	HOUSTON	1975	57.0
260	T H WHARTON CTG 56		THW_THWGT56	HARRIS	GAS	HOUSTON	1975	57.0
261	T H WHARTON CTG G1		THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0
262	TEXAS GULF SULPHUR		TGF_TGFGT_1	WHARTON	GAS	SOUTH	1985	79.0
263	V H BRAUNIG CTG 5	09INR0028	BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
264	V H BRAUNIG CTG 6	09INR0028	BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
265	V H BRAUNIG CTG 7	09INR0028	BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
266	V H BRAUNIG CTG 8	09INR0028	BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	48.0
267	W A PARISH CTG 1		WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	1967	13.0
268	W A PARISH - PETRA NOVA CTG	12INR0086	PNPLGT2	FORT BEND	GAS	HOUSTON	2013	74.0
269	WINCHESTER POWER PARK CTG 1	09INR0027	WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	44.0
270	WINCHESTER POWER PARK CTG 2	09INR0027	WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	44.0
271	WINCHESTER POWER PARK CTG 3	09INR0027	WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	44.0
272	WINCHESTER POWER PARK CTG 4	09INR0027	WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	44.0
273	B M DAVIS STG U1		B_DAVIS_B_DAVIG1	NUECES	GAS	COASTAL	1974	335.0
274	CEDAR BAYOU STG U1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
275	CEDAR BAYOU STG U2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
276	DANSBY STG U1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	110.0
277	DECKER CREEK STG U1		DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	315.0



COMMON NAME		GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
278	DECKER CREEK STG U2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	420.0
279	GRAHAM STG U1		GRSES_UNIT1	YOUNG	GAS	WEST	1960	225.0
280	GRAHAM STG U2		GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
281	GREENS BAYOU STG U5		GBY_GBY_5	HARRIS	GAS	HOUSTON	1973	371.0
282	HANDLEY STG U3		HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
283	HANDLEY STG U4		HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
284	HANDLEY STG U5		HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
285	LAKE HUBBARD STG U1		LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
286	LAKE HUBBARD STG U2		LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	515.0
287	MOUNTAIN CREEK STG U6		MCSES_UNIT6	DALLAS	GAS	NORTH	1956	120.0
288	MOUNTAIN CREEK STG U7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	115.0
289	MOUNTAIN CREEK STG U8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	565.0
290	O W SOMMERS STG U1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
291	O W SOMMERS STG U2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	420.0
292	PEARSALL STG U1		PEARSALL_PEAR_1	FRIO	GAS	SOUTH	1961	25.0
293	PEARSALL STG U2		PEARSALL_PEAR_2	FRIO	GAS	SOUTH	1961	25.0
294	PEARSALL STG U3		PEARSALL_PEAR_3	FRIO	GAS	SOUTH	1961	25.0
295	POWERLANE PLANT STG U1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	20.0
296	POWERLANE PLANT STG U2		STEAM_STEAM_2	HUNT	GAS	NORTH	1967	26.0
297	POWERLANE PLANT STG U3		STEAM_STEAM_3	HUNT	GAS	NORTH	1978	41.0
298	R W MILLER STG U1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	2016	-
299	R W MILLER STG U2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	2016	-
300	R W MILLER STG U3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	2016	-
301	RAY OLINGER STG U1		OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
302	RAY OLINGER STG U2		OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0
303	RAY OLINGER STG U3		OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
304	SIM GIDEON STG U1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
305	SIM GIDEON STG U2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0
306	SIM GIDEON STG U3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	336.0
307	SPENCER STG U4		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	61.0
308	SPENCER STG U5		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0
309	STRYKER CREEK STG U1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0
310	STRYKER CREEK STG U2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0
311	TRINIDAD STG U6		TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	226.0
312	V H BRAUNIG STG U1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	220.0
313	V H BRAUNIG STG U2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
314	V H BRAUNIG STG U3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
315	W A PARISH STG U1		WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0
316	W A PARISH STG U2		WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0
317	W A PARISH STG U3		WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	246.0
318	W A PARISH STG U4		WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	536.0
319	NOTREES BATTERY FACILITY	12INR0076	NWF_NBS	WINKLER	STORAGE	WEST	2012	-
320	ACACIA SOLAR	13DGR0001	ACACIA_UNIT_1	PRESDIO	SOLAR	WEST	2012	10.0
321	BARILLA SOLAR (FS, PECOS)	12INR0059	HOVEY_UNIT1	PECOS	SOLAR	WEST	2014	19.9
322	OCI ALAMO 1 SOLAR	13INR0058	OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
323	OCI ALAMO 4 SOLAR (BRACKETVILLE)	14INR0024	ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6

COMMON NAME		GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
324	WEBBERVILLE SOLAR	10INR0082	WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
325	BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
326	BLUE WING 2 SOLAR		DG_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
327	OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
328	SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
329	SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
330	SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
331	SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
332	NACOGDOCHES POWER	09INR0007	NACPW_UNIT1	NACOGDOCHES	BIOMASS	NORTH	2012	105.0
333	LUFKIN BIOMASS	08INR0033	LFBI0_UNIT1	ANGELINA	BIOMASS	NORTH	2012	45.0
334	BIOENERGY AUSTIN WALZEM RD LFG		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
335	BIOENERGY TEXAS COVEL GARDENS LFG		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
336	FORT WORTH METHANE		DG_RDLML_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6
337	MCKINNEY LFG		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2
338	SKYLINE LANDFILL GAS		DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
339	TRINITY OAKS LFG		DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	3.2
340	VIRIDIS ENERGY-ALVIN		DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
341	VIRIDIS ENERGY-HUMBLE		DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
342	VIRIDIS ENERGY-LIBERTY		DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
343	VIRIDIS ENERGY-TRINITY BAY		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
344	WM RENEWABLE-AUSTIN LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
345	WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
346	WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
347	WM RENEWABLE-MESQUITE CREEK LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
348	WM RENEWABLE-WESTSIDE LFG							
349	<b>Operational Capacity Total (Coal, Gas, Nuclear, Biomass, Solar)</b>							<b>63,826.8</b>
350								
351	<b>Operational Resources (Hydro)</b>							
352	AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9
353	AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
354	AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
355	AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
356	BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
357	BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
358	BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
359	DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
360	DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
361	FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
362	FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
363	FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
364	GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
365	GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
366	INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
367	MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
368	MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
369	MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
370 MARSHALL FORD HYDRO 2		MARSHF_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
371 MARSHALL FORD HYDRO 3		MARSHF_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	29.0
372 WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	20.0
373 WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	15.0
374 GUADALUPE BLANCO RIVER AUTH-CANYON		DG_CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0
375 EAGLE PASS HYDRO		DG_EAGLE_HY_EAGLE_HY1	MAVERICK	HYDRO	SOUTH	2005	9.6
376 GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
377 CITY OF GARLAND LEWISVILLE HYDRO		DG_LW_SVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
378 GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
379 GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
380 <b>Operational Capacity Total (Hydro)</b>							<b>540.7</b>
381 Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					433.4
382							
383 <b>Operational Capacity Total (Including Hydro)</b>							<b>64,260.2</b>
384							
385 <b>Switchable Resources</b>							
386 KIAMICHI ENERGY FACILITY 1CT101	03INR0012	KMCHI_1CT101	FANNIN	GAS	NORTH	2003	153.0
387 KIAMICHI ENERGY FACILITY 1CT201	03INR0012	KMCHI_1CT201	FANNIN	GAS	NORTH	2003	155.0
388 KIAMICHI ENERGY FACILITY 1ST	03INR0012	KMCHI_1ST	FANNIN	GAS	NORTH	2003	315.0
389 KIAMICHI ENERGY FACILITY 2CT101	03INR0012	KMCHI_2CT101	FANNIN	GAS	NORTH	2003	153.0
390 KIAMICHI ENERGY FACILITY 2CT201	03INR0012	KMCHI_2CT201	FANNIN	GAS	NORTH	2003	155.0
391 KIAMICHI ENERGY FACILITY 2ST	03INR0012	KMCHI_2ST	FANNIN	GAS	NORTH	2003	315.0
392 TENASKA-FRONTIER CTG 1	00PSR4	FTR_FTR_G1	GRIMES	GAS	NORTH	2000	160.0
393 TENASKA-FRONTIER CTG 2	00PSR4	FTR_FTR_G2	GRIMES	GAS	NORTH	2000	160.0
394 TENASKA-FRONTIER CTG 3	00PSR4	FTR_FTR_G3	GRIMES	GAS	NORTH	2000	160.0
395 TENASKA-FRONTIER CTG 4	00PSR4	FTR_FTR_G4	GRIMES	GAS	NORTH	2000	400.0
396 TENASKA-GATEWAY CTG 1	01INR0019	TGCCS_CT1	RUSK	GAS	NORTH	2001	156.0
397 TENASKA-GATEWAY CTG 2	01INR0019	TGCCS_CT2	RUSK	GAS	NORTH	2001	135.0
398 TENASKA-GATEWAY CTG 3	01INR0019	TGCCS_CT3	RUSK	GAS	NORTH	2001	153.0
399 TENASKA-GATEWAY CTG 4	01INR0019	TGCCS_UNIT4	RUSK	GAS	NORTH	2001	402.0
400 FRONTERA GENERATION CTG 1		FRONTERA_FRONTREG1	HIDALGO	GAS	SOUTH	1999	170.0
401 FRONTERA GENERATION CTG 2		FRONTERA_FRONTREG2	HIDALGO	GAS	SOUTH	1999	170.0
402 FRONTERA GENERATION CTG		FRONTERA_FRONTREG3	HIDALGO	GAS	SOUTH	2000	184.0
403 <b>Switchable Capacity Total</b>							<b>3,496.0</b>
404							
405 Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL		GAS			(470.0)
406							
407 Available Mothball Capacity, Seasonal Plus Owner's Return Probability		MOTH_AVAIL		COAL			1,933.0
408							
409 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			4,344.0
410							
411 <b>Wind Resources</b>							
412 ANACACHO WIND	12INR0072	ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8
413 BARTON CHAPEL WIND	06INR0021	BRTSW_BCW1	JACK	WIND	NORTH	2007	120.0
414 BLUE SUMMIT WIND 5	12INR0075	BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0
415 BLUE SUMMIT WIND 6	12INR0075	BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
416 BOBCAT BLUFF WIND	08INR0049	BCATWIND_WIND_1	ARCHER	WIND	WEST	2012	150.0
417 BUFFALO GAP WIND FARM 1	04INR0015	BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6
418 BUFFALO GAP WIND FARM 2_1	06INR0037	BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5
419 BUFFALO GAP WIND FARM 2_2	06INR0037	BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0
420 BUFFALO GAP WIND FARM 3	07INR0030	BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2008	170.2
421 BULL CREEK WIND PLANT U1	07INR0037	BULLCRK_WND1	BORDEN	WIND	WEST	2009	88.0
422 BULL CREEK WIND PLANT U2	07INR0037	BULLCRK_WND2	BORDEN	WIND	WEST	2009	90.0
423 CALLAHAN WIND	04INR0013	CALLAHAN_WND1	CALLAHAN	WIND	WEST	2004	114.0
424 CAMP SPRINGS WIND 1	06INR0038	CSEC_CSECG1	SCURRY	WIND	WEST	2007	130.5
425 CAMP SPRINGS WIND 2	07INR0040	CSEC_CSECG2	SCURRY	WIND	WEST	2007	120.0
426 CAPRICORN RIDGE WIND 1	07INR0018	CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5
427 CAPRICORN RIDGE WIND 2	07INR0041	CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0
428 CAPRICORN RIDGE WIND 3	07INR0041	CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5
429 CAPRICORN RIDGE WIND 4	08INR0063	CAPRIDG4_CR4	COKE	WIND	WEST	2008	112.5
430 CEDRO HILL WIND 1	09INR0082	CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0
431 CEDRO HILL WIND 2	09INR0082	CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0
432 CHAMPION WIND FARM	07INR0045d	CHAMPION_UNIT1	NOLAN	WIND	WEST	2008	126.5
433 DESERT SKY WIND FARM 1		INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0
434 DESERT SKY WIND FARM 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5
435 ELBOW CREEK WIND PROJECT	08INR0053	ELB_ELBECREEK	HOWARD	WIND	WEST	2008	118.7
436 FOREST CREEK WIND FARM	05INR0019	MCDLD_FCW1	GLASSCOCK	WIND	WEST	2007	124.2
437 GOAT WIND	07INR0028	GOAT_GOATWIND	STERLING	WIND	WEST	2008	80.0
438 GOAT WIND 2	07INR0028b	GOAT_GOATWIND	STERLING	WIND	WEST	2010	69.6
439 GOLDTHWAITE WIND 1	11INR0013	GWEC_GWEC_G1	MILLS	WIND	NORTH	2014	148.6
440 GRANDVIEW 1 (CONWAY) GV1A	13INR0005a	GRANDVW1_GV1A	CARSON	WIND	PANHANDLE	2014	107.4
441 GRANDVIEW 1 (CONWAY) GV1B	13INR0005a	GRANDVW1_GV1B	CARSON	WIND	PANHANDLE	2014	103.8
442 GREEN MOUNTAIN WIND (BRAZOS) U1	03INR0020	BRAZ_WND_WND1	SCURRY	WIND	WEST	2003	99.0
443 GREEN MOUNTAIN WIND (BRAZOS) U2	03INR0020	BRAZ_WND_WND2	SCURRY	WIND	WEST	2003	61.0
444 HACKBERRY WIND FARM	04INR0011e	HWF_HWFG1	SHACKELFORD	WIND	WEST	2008	163.5
445 HORSE HOLLOW WIND 1	05INR0015	H_HOLLOW_WND1	TAYLOR	WIND	WEST	2005	213.0
446 HORSE HOLLOW WIND 2	05INR0018	HHOLLOW2_WND1	TAYLOR	WIND	WEST	2006	184.0
447 HORSE HOLLOW WIND 3	06INR0040	HHOLLOW3_WND_1	TAYLOR	WIND	WEST	2006	208.0
448 HORSE HOLLOW WIND 4	06INR0040	HHOLLOW4_WND1	TAYLOR	WIND	WEST	2006	108.0
449 INADALE WIND	07INR0045b	INDL_INADALE1	NOLAN	WIND	WEST	2008	196.6
450 INDIAN MESA WIND FARM	00INR0022	INDNNWP_INDNNWP	PECOS	WIND	WEST	2001	82.5
451 KEECHI WIND 138 KV JOPLIN	14INR0049_2	KEECHI_U1	JACK	WIND	NORTH	2014	110.0
452 KING MOUNTAIN NE	00INR0025	KING_NE_KINGNE	UPTON	WIND	WEST	2001	79.3
453 KING MOUNTAIN NW	00INR0025	KING_NW_KINGNW	UPTON	WIND	WEST	2001	79.3
454 KING MOUNTAIN SE	00INR0025	KING_SE_KINGSE	UPTON	WIND	WEST	2001	40.3
455 KING MOUNTAIN SW	00INR0025	KING_SW_KINGSW	UPTON	WIND	WEST	2001	79.3
456 LANGFORD WIND POWER	10INR0026	LGD_LANGFORD	TOM GREEN	WIND	WEST	2009	155.0
457 LONE STAR WIND 1 (MESQUITE)	04INR0011	LNCRK_G83	SHACKELFORD	WIND	WEST	2006	200.0
458 LONE STAR WIND 2 (POST OAK) U1	04INR0011a	LNCRK2_G871	SHACKELFORD	WIND	WEST	2007	100.0
459 LONE STAR WIND 2 (POST OAK) U2	04INR0011a	LNCRK2_G872	SHACKELFORD	WIND	WEST	2007	100.0
460 LORAIN WINDPARK I	09INR0047	LONEWOLF_G1	MITCHELL	WIND	WEST	2009	49.5
461 LORAIN WINDPARK II	09INR0047	LONEWOLF_G2	MITCHELL	WIND	WEST	2009	51.0

COMMON NAME		GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
462	LORAIN WINDPARK III	09INR0047	LONEWOLF_G3	MITCHELL	WIND	WEST	2011	25.5
463	LORAIN WINDPARK IV	09INR0047	LONEWOLF_G4	MITCHELL	WIND	WEST	2011	24.0
464	MIAMI WIND G1	14INR0012a	MIAM1_G1	GRAY	WIND	PANHANDLE	2014	144.3
465	MIAMI WIND G2	14INR0012a	MIAM1_G2	GRAY	WIND	PANHANDLE	2014	144.3
466	MCADOO WIND FARM	08INR0028	MWEC_G1	DICKENS	WIND	PANHANDLE	2008	150.0
467	NOTREES WIND FARM 1	07INR0005	NWF_NWF1	WINKLER	WIND	WEST	2009	92.6
468	NOTREES WIND FARM 2	07INR0005	NWF_NWF2	WINKLER	WIND	WEST	2009	60.0
469	OCOTILLO WIND FARM	04INR0017	OWF_OWF	HOWARD	WIND	WEST	2008	58.8
470	PANHANDLE WIND 1 U1	14INR0030a_2	PH1_UNIT1	CARSON	WIND	PANHANDLE	2014	109.2
471	PANHANDLE WIND 1 U2	14INR0030a_2	PH1_UNIT2	CARSON	WIND	PANHANDLE	2014	109.2
472	PANHANDLE WIND 2 U1	14INR0030b	PH2_UNIT1	CARSON	WIND	PANHANDLE	2014	94.2
473	PANHANDLE WIND 2 U2	14INR0030b	PH2_UNIT2	CARSON	WIND	PANHANDLE	2014	96.6
474	PANTHER CREEK 1	07INR0022	PC_NORTH_PANTHER1	HOWARD	WIND	WEST	2008	142.5
475	PANTHER CREEK 2	08INR0037	PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	2008	115.5
476	PANTHER CREEK 3	11INR0015	PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	2009	199.5
477	PECOS WIND (WOODWARD 1)	01INR0035	WOODWRD1_WOODWRD1	PECOS	WIND	WEST	2001	82.5
478	PECOS WIND (WOODWARD 2)	01INR0035	WOODWRD2_WOODWRD2	PECOS	WIND	WEST	2001	77.2
479	PYRON WIND FARM	07INR0045a	PYR_PYRON1	SCURRY	WIND	WEST	2008	249.0
480	RED CANYON WIND	05INR0017	RDCANYON_RDCNY1	BORDEN	WIND	WEST	2006	84.0
481	ROSCOE WIND FARM	07INR0045e	TKWSW1_ROSCOE	NOLAN	WIND	WEST	2008	209.0
482	SAND BLUFF WIND FARM	05INR0019	MCDDL SBW1	GLASSCOCK	WIND	WEST	2008	90.0
483	SENATE WIND PROJECT	08INR0011	SENATEWD_UNIT1	JACK	WIND	NORTH	2012	150.0
484	SHERBINO 1 WIND	06INR0012a	KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0
485	SHERBINO 2 WIND	06INR0012b	KEO_SHRBINO2	PECOS	WIND	WEST	2011	147.5
486	SILVER STAR WIND	03INR0034	FLTCK_SSI	EASTLAND	WIND	NORTH	2008	60.0
487	SNYDER WIND FARM	04INR0020	ENAS_ENA1	SCURRY	WIND	WEST	2007	63.0
488	SOUTH TRENT WIND FARM	07INR0029	STWF_T1	NOLAN	WIND	WEST	2008	98.2
489	SPINNING SPUR WIND TWO	13INR0048	SSPURTWO_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0
490	STANTON WIND ENERGY	07INR0010	SWEC_G1	MARTIN	WIND	WEST	2008	120.0
491	STEPHENS RANCH WIND 1	12INR0034a	SRWE1_UNIT1	BORDEN	WIND	WEST	2014	211.2
492	SWEETWATER WIND 1	01INR0036	SWEETWIND_WND1	NOLAN	WIND	WEST	2003	36.6
493	SWEETWATER WIND 2A	01INR0036	SWEETWN2_WND24	NOLAN	WIND	WEST	2006	15.9
494	SWEETWATER WIND 2B	01INR0036	SWEETWN2_WND2	NOLAN	WIND	WEST	2004	97.5
495	SWEETWATER WIND 3A	01INR0036	SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	28.5
496	SWEETWATER WIND 3B	01INR0036	SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	100.5
497	SWEETWATER WIND 4-5	07INR0023	SWEETWN4_WND5	NOLAN	WIND	WEST	2007	79.2
498	SWEETWATER WIND 4-4B	07INR0023	SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	103.7
499	SWEETWATER WIND 4-4A	07INR0023	SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	117.8
500	TEXAS BIG SPRING WIND a		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7
501	TEXAS BIG SPRING WIND b		SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6
502	TRENT WIND FARM		TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
503	TRINITY HILLS WIND 1	01INR0038	TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	117.5
504	TRINITY HILLS WIND 2	08INR0062	TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	107.5
505	TURKEY TRACK WIND ENERGY CENTER	08INR0062	TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
506	TURKEY TRACK WIND ENERGY	07INR0011	SW_MESA_SW_MESA	UPTON	WIND	WEST	1999	74.2
507	WHIRLWIND ENERGY	07INR0003	WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
508 WHITETAIL WIND ENERGY PROJECT	11NR0091	EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	91.0
509 WINDTHORST 2	13NR0057	WINDHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6
510 WKN MOZART WIND	09NR0061	MOZART_WIND_1	KENT	WIND	WEST	2012	30.0
511 WOLF RIDGE WIND	07NR0034	WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5
512 TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND	WEST	2008	2.0
513 WOLF FLATS WIND (WIND.MGT)		DG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0
<b>514 Wind Capacity Total (Non-Coastal Counties)</b>							<b>10,894.7</b>
515							
516 GULF WIND I	05INR0015a	TGW_T1	KENEDY	WIND	COASTAL	2010	141.6
517 GULF WIND II	05INR0015a	TGW_T2	KENEDY	WIND	COASTAL	2010	141.6
518 LOS VIENTOS WIND I	11INR0033	LV1_LV1A	WILLACY	WIND	COASTAL	2013	200.1
519 LOS VIENTOS WIND II	11INR0033	LV1_LV1B	WILLACY	WIND	COASTAL	2013	201.6
520 MAGIC VALLEY WIND (REDFISH) 1A	10INR0060	REDFISH_MV1A	WILLACY	WIND	COASTAL	2012	99.8
521 MAGIC VALLEY WIND (REDFISH) 1B	10INR0060	REDFISH_MV1B	WILLACY	WIND	COASTAL	2012	103.5
522 PAPALOTE CREEK WIND FARM	08INR0012a	PAP1_PAP1	SAN PATRICIO	WIND	COASTAL	2009	179.9
523 PAPALOTE CREEK WIND FARM II	08INR0012b	COTTON_PAP2	SAN PATRICIO	WIND	COASTAL	2010	200.1
524 PENASCAL WIND 1	06INR0022a	PENA_UNIT1	KENEDY	WIND	COASTAL	2009	160.8
525 PENASCAL WIND 2	06INR0022b	PENA_UNIT2	KENEDY	WIND	COASTAL	2009	141.6
526 PENASCAL WIND 3	06INR0022b	PENA3_UNIT3	KENEDY	WIND	COASTAL	2011	100.8
527 HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND	COASTAL	2012	9.0
<b>528 Wind Capacity Total (Coastal Counties)</b>							<b>1,680.4</b>
<b>529 Wind Capacity Total</b>							<b>12,575.1</b>
530							
531 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			(0.0)
532							
<b>533 Non-Synchronous Tie Resources</b>							
534 EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0
535 EAST TIE		DC_E	FANNIN		NORTH		600.0
536 LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0
537 NORTH TIE		DC_N	WILBARGER		WEST		220.0
538 SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0
539 SHARYLAND RAILROAD TIE (FUTURE)		DC_R2	HIDALGO		SOUTH		20.0
<b>540 Non-Synchronous Ties Total</b>							<b>1,120.0</b>
541 Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			516.7
542							
<b>543 Planned Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights</b>							
544 TEXAS CLEAN ENERGY PROJECT	13NR0023		ECTOR	COAL	WEST	2018	-
545 PANDA TEMPLE II CTG1	10INR0020b	PANDA_T2_TEMPL2CT1	BELL	GAS	NORTH	2015	-
546 PANDA TEMPLE II CTG2	10INR0020b	PANDA_T2_TEMPL2CT2	BELL	GAS	NORTH	2015	-
547 PANDA TEMPLE II STG	10INR0020b	PANDA_T2_TEMPL2ST1	BELL	GAS	NORTH	2015	-
548 FGE TEXAS I	16INR0010	MITCHELL	MITCHELL	GAS	WEST	2017	-
549 ANTELOPE STATION IC & CTG	13INR0028	HALE	HALE	GAS	PANHANDLE	2016	-
550 GOLDSMITH PEAKERS	14INR0039	ECTOR	ECTOR	GAS	WEST	2015	294.0
551 LA PALOMA ENERGY CENTER	16INR0004	CAMERON	CAMERON	GAS	COASTAL	2016	-
552 PHR PEAKERS	14INR0038	GALVESTON	GALVESTON	GAS	HOUSTON	2015	-
553 SKY GLOBAL POWER ONE	16INR0057	COLORADO	COLORADO	GAS	SOUTH	2016	-

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
554 OCI ALAMO 5	15INR0036		UVALDE	SOLAR	SOUTH	2015	-
555 OCI ALAMO 6	15INR0070_1		PECOS	SOLAR	WEST	2016	-
556 RE ROSEROCK SOLAR PLANT	16INR0048		PECOS	SOLAR	WEST	2016	-
<b>557 Planned Capacity Total (Not Wind)</b>							<b>294.0</b>
558							
<b>559 Planned Wind Resources with Executed SGIA</b>							
560 STEPHENS RANCH WIND 2	12INR0034b		BORDEN	WIND	WEST	2015	165.0
561 MARIAH WIND a	13INR0010a		PARMER	WIND	PANHANDLE	2016	-
562 MARIAH WIND b	13INR0010b		PARMER	WIND	PANHANDLE	2015	-
563 MIDWAY FARMS WIND	11INR0054		SAN PATRICIO	WIND	COASTAL	2016	-
564 LONGHORN ENERGY CENTER (LHORN_N_UNIT1-2)	14INR0023		BRISCOE	WIND	PANHANDLE	2015	361.0
565 GRANDVIEW 2 (CONWAY)	13INR0005b		CARSON	WIND	PANHANDLE	2015	-
566 SOUTH CLAY WINDFARM	11INR0079a		CLAY	WIND	WEST	2015	-
567 BAFFIN WIND (PENASCAL 3) (BAFFIN_UNIT1-2)	06INR0022c		KENEDY	WIND	COASTAL	2015	202.0
568 MARIAH WIND c	13INR0010c		PARMER	WIND	PANHANDLE	2016	-
569 MESQUITE CREEK WIND (MESQCRK_WIND1-2)	09INR0051		BORDEN	WIND	WEST	2015	211.0
570 GUNSIGHT MOUNTAIN	08INR0018		HOWARD	WIND	WEST	2015	-
571 BRISCOE WIND FARM	14INR0072		BRISCOE	WIND	PANHANDLE	2017	-
572 CAMERON COUNTY WIND	11INR0057		CAMERON	WIND	COASTAL	2015	-
573 COMANCHE RUN WIND	12INR0029		SWISHER	WIND	PANHANDLE	2016	-
574 CPV RATTLESNAKE DEN PH 1	13INR0020a		GLASSCOCK	WIND	WEST	2015	-
575 CPV RATTLESNAKE DEN PH 2	13INR0020b		GLASSCOCK	WIND	WEST	2016	-
576 GREEN PASTURES WIND (GPASTURE_WIND_I & II)	12INR0070		KNOX	WIND	WEST	2015	300.0
577 HEREFORD WIND (HREFD_WIND_G & V)	13INR0059a		CASTRO	WIND	PANHANDLE	2015	200.0
578 JUMBO ROAD WIND (HREFD_WIND_JRD_WIND1-2)	13INR0059b		CASTRO	WIND	PANHANDLE	2015	300.0
579 LOGANS GAP WIND I	13INR0050		COMANCHE	WIND	NORTH	2015	200.0
580 LOS VIENTOS III (LV3_UNIT_1)	13INR0052		STARR	WIND	SOUTH	2015	200.0
581 MIAMI WIND 1b	14INR0012b		GRAY	WIND	PANHANDLE	2016	-
582 PAMPA WIND PROJECT	12INR0018		GRAY	WIND	PANHANDLE	2017	-
583 PATRIOT WIND (PETRONILLA)	11INR0062		NUECES	WIND	COASTAL	2016	-
584 ROUTE 66 WIND (ROUTE_66_WIND1)	14INR0032a		RANDALL	WIND	PANHANDLE	2015	-
585 SENDERO WIND ENERGY PROJECT	12INR0068		JIM HOGG	WIND	SOUTH	2015	-
586 SOUTH PLAINS WIND I	14INR0025a		FLOYD	WIND	PANHANDLE	2015	-
587 SOUTH PLAINS WIND II	14INR0025b		FLOYD	WIND	PANHANDLE	2015	-
588 SPINNING SPUR WIND THREE	14INR0053		OLDHAM	WIND	PANHANDLE	2015	-
589 WAKE WIND ENERGY	14INR0047		DICKENS	WIND	PANHANDLE	2015	-
590 CAPROCK WIND	10INR0009		CASTRO	WIND	PANHANDLE	2017	-
591 JAVELINA WIND ENERGY	13INR0055		ZAPATA	WIND	SOUTH	2015	-
592 LOS VIENTOS IV	15INR0037		STARR	WIND	SOUTH	2015	-
593 LOS VIENTOS V	15INR0021		STARR	WIND	SOUTH	2015	-
594 PALO DURO WIND	15INR0050		DEAF SMITH	WIND	PANHANDLE	2016	-
595 PANHANDLE WIND 3	14INR0030c		CARSON	WIND	PANHANDLE	2016	-
596 PULLMAN ROAD WIND	15INR0079		RANDALL	WIND	PANHANDLE	2015	-
597 SALT FORK WIND	14INR0062		GRAY	WIND	PANHANDLE	2015	-
598 SCANDIA WIND d	13INR0010d		PARMER	WIND	PANHANDLE	2016	-
599 SCANDIA WIND e	13INR0010e		PARMER	WIND	PANHANDLE	2016	-

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SUMMER RATING (MW)
600 SCANDIA WIND f	13INR0010f		PARMER	WIND	PANHANDLE	2016	-
601 SAN ROMAN WIND	14INR0013		CAMERON	WIND	COASTAL	2016	-
602 SOUTH PLAINS III	14INR0025c		FLOYD	WIND	PANHANDLE	2015	-
603 TORRECILLAS WIND A	14INR0045a		WEBB	WIND	SOUTH	2016	-
604 TORRECILLAS WIND B	14INR0045b		WEBB	WIND	SOUTH	2016	-
<b>Planned Wind Capacity Total</b>							<b>2,139.0</b>
606							
<b>Planned Wind Capacity Sub-total (Non-Coastal Counties)</b>							<b>1,937.0</b>
<b>Planned Wind Capacity Sub-total (by Coastal County)</b>							
609	CAMERON_NEW_WIND		CAMERON	WIND	COASTAL		-
610	WILLACY_NEW_WIND		WILLACY	WIND	COASTAL		-
611	KENEDY_NEW_WIND		KENEDY	WIND	COASTAL		202.0
612	KLEBERG_NEW_WIND		KLEBERG	WIND	COASTAL		-
613	NUECES_NEW_WIND		NUECES	WIND	COASTAL		-
614	SAN_PATRICIO_NEW_WIND		SAN PATRICIO	WIND	COASTAL		-
615	REFUGIO_NEW_WIND		REFUGIO	WIND	COASTAL		-
616	ARANSAS_NEW_WIND		ARANSAS	WIND	COASTAL		-
617	CALHOUN_NEW_WIND		CALHOUN	WIND	COASTAL		-
618	MATAGORDA_NEW_WIND		MATAGORDA	WIND	COASTAL		-
619	BRAZORIA_NEW_WIND		BRAZORIA	WIND	COASTAL		-
<b>Planned Wind Capacity Sub-total (All Coastal Counties)</b>							<b>202.0</b>
621							
<b>Mothballed Capacity</b>							
622 GREENS BAYOU CTG 82	GBY_GBYGT82		HARRIS	GAS	HOUSTON	1976	58.0
623 NORTH TEXAS CTG 1	NTX_NTX_1		PARKER	GAS	NORTH	1958	18.0
625 NORTH TEXAS CTG 2	NTX_NTX_2		PARKER	GAS	NORTH	1958	18.0
626 NORTH TEXAS CTG 3	NTX_NTX_3		PARKER	GAS	NORTH	1963	39.0
627 PERMIAN BASIN SES U6	PBSES_UNIT6		WARD	GAS	WEST	1973	515.0
628 SILAS RAY CTG 5	SILASRAY_SILAS_5		CAMERON	GAS	COASTAL	1953	10.0
629 VALLEY SES U1	VLSES_UNIT1		FANNIN	GAS	NORTH	1962	174.0
630 VALLEY SES U2	VLSES_UNIT2		FANNIN	GAS	NORTH	1967	520.0
631 VALLEY SES U3	VLSES_UNIT3		FANNIN	GAS	NORTH	1971	375.0
632 J T DEELY U1 (MOTHBALLED)	CALAVERS_JTD1_M		BEXAR	COAL	SOUTH	2018	-
633 J T DEELY U2 (MOTHBALLED)	CALAVERS_JTD2_M		BEXAR	COAL	SOUTH	2018	-
634 S R BERTRON CTG 2	SRB_SRBGT_2		HARRIS	GAS	HOUSTON	1967	13.0
635 S R BERTRON U1	SRB_SRB_G1		HARRIS	GAS	HOUSTON	1958	118.0
636 S R BERTRON U2	SRB_SRB_G2		HARRIS	GAS	HOUSTON	1956	174.0
637 S R BERTRON U3	SRB_SRB_G3		HARRIS	GAS	HOUSTON	1959	211.0
638 S R BERTRON U4	SRB_SRB_G4		HARRIS	GAS	HOUSTON	1960	211.0
<b>Total Mothballed Capacity</b>							<b>2,454.0</b>
640							
<b>Seasonal Mothballed Capacity</b>							
641 MARTIN LAKE U3	MLSES_UNIT3		RUSK	COAL	NORTH	1979	805.0
643 MONTICELLO U1	MNSES_UNIT1		TITUS	COAL	NORTH	1974	535.0
644 MONTICELLO U2	MNSES_UNIT2		TITUS	COAL	NORTH	1975	535.0
<b>Total Seasonal Mothballed Capacity</b>							<b>1,875.0</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.