

FINAL
Seasonal Assessment of Resource Adequacy for the ERCOT Region
Spring 2015

SUMMARY

The ERCOT Region is expected to have sufficient installed generating capacity to serve forecasted peak demands with expected generation outages in the upcoming spring season (March - May 2015).

For this assessment, the peak capacity percentages for wind resources are based on new capacity percentages approved by the ERCOT Board of Directors in October 2014: 19 percent for non-coastal resources and 36 percent for coastal resources.

Notable capacity reductions since the preliminary spring SARA report was released include the three R.W. Miller gas-fired steam units (spring 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 this spring assessment. 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 8,292 MW of unit outages, based on historical outage data since the start of the Texas Nodal Market in December 2010, and assumes the high likelihood that the spring peak will occur in May, following completion of most scheduled seasonal maintenance. While a significant amount of unit maintenance is conducted during the spring season, much of this maintenance is completed prior to the onset of hotter temperatures (and resulting higher electricity demand) in late May.

At this time, ERCOT does not anticipate changes to available generation capacity for the spring 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
Spring 2015 - FINAL
Release Date: March 2, 2015

Forecasted Capacity and Demand

Operational Resources (excluding wind), MW	65,042	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Switchable Capacity Total, MW	3,702	Installed capacity of units that can switch to 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	820	Seasonal mothball capacity, based on Notification of Generation Resource Designation
Private Use Network Capacity Contribution, MW	4,318	Average capability of the top 20 hours in the winter seasons for the past three years (2011-2013)
Capacity Contribution of Non-Coastal Wind Resources, MW	2,070	Based on 19% 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	605	Based on 36% 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	495	Average capability of the top 20 hours in the winter seasons for the past three years (2011-2013)
Planned Resources (not wind) with signed IA and Air Permit, MW	0	Based on in-service dates provided by developers of generation resources
Capacity Contribution of Planned Non-Coastal Wind with signed IA, MW	38	Based on in-service dates provided by resource developers and 19% of installed capacity for non-coastal wind resources (winter percentage value used)
Capacity Contribution of Planned Coastal Wind with signed IA, MW	0	Based on in-service dates provided by generation developers and 36% of installed capacity for coastal wind resources (winter percentage value used)
[a] Total Resources, MW	76,619	
[b] Peak Demand, MW	61,957	Spring peak forecast is based on normal weather conditions for 2002 – 2013
[c] Reserve Capacity [a - b], MW	14,662	

Range of Potential Risks

	Forecasted Season	Extreme Gen Outages During Peak	Extreme Gen Outages During Peak	
	Peak Load (May)	Maintenance Season (March-April)	Maintenance Season / Extreme Load	
Seasonal Load Adjustment		(14,628)	(7,106)	
Typical Maintenance Outages	5,292	5,292	5,292	Based on historical average of planned outages for May weekdays (starting in August 2010).
Typical Forced Outages	3,000	3,000	3,000	Based on historical average of forced outages for May weekdays (starting in August 2010).
Incremental Unit Outages to Reflect Peak Maintenance Season		8,316	8,316	Incremental outages based on historical average of forced and planned maintenance outages for April weekdays (starting August 2010).
[d] Total Uses of Reserve Capacity	8,292	1,980	9,502	
[e] Capacity Available for Operating Reserves (c-d), MW	6,370	12,682	5,160	
Less than 2,300 MW indicates risk of EEA1				

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
2 Operational Resources							
3 COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1227.0
4 COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1214.0
5 SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1318.0
6 SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1325.0
7 BIG BROWN U1		BBSES_UNIT1	FREESTONE	COAL	NORTH	1971	606.0
8 BIG BROWN U2		BBSES_UNIT2	FREESTONE	COAL	NORTH	1972	602.0
9 COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	660.0
10 FAYETTE POWER PROJECT U1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	608.0
11 FAYETTE POWER PROJECT U2		FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	608.0
12 FAYETTE POWER PROJECT U3		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	448.0
13 GIBBONS CREEK U1		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0
14 J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	562.0
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	430.0
17 J T DEELY U2		CALAVERS_JTD2	BEXAR	COAL	SOUTH	1978	420.0
18 LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	831.0
19 LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	858.0
20 MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	815.0
21 MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0
22 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_UNIT5	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	158.0
30 TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	158.0
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 A VON ROSENBERG 1 CTG 1	00INR0017	BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	155.0
36 A VON ROSENBERG 1 CTG 2	00INR0017	BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	155.0
37 A 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	161.0
39 B M DAVIS CTG 4	09INR0038	B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	161.0
40 B M DAVIS STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	322.0
41 BASTROP ENERGY CENTER CTG 1	01INR0021	BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	157.0
42 BASTROP ENERGY CENTER CTG 2	01INR0021	BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	157.0
43 BASTROP ENERGY CENTER STG	01INR0021	BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	236.0
44 BOSQUE COUNTY PEAKING CTG 1	00INR0018	BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	158.3
45 BOSQUE COUNTY PEAKING CTG 2	00INR0018	BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	158.3
46 BOSQUE COUNTY PEAKING CTG 3	00INR0018	BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	160.6
47 BOSQUE COUNTY PEAKING STG 4	00INR0028	BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	83.6

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
48 BOSQUE COUNTY PEAKING STG 5	08INR0046	BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	197.1
49 BRAZOS VALLEY CTG 1	01INR0031	BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	169.0
50 BRAZOS VALLEY CTG 2	01INR0031	BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	169.0
51 BRAZOS VALLEY STG 3	01INR0031	BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
52 CALENERGY (FALCON SEABOARD) CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	77.0
53 CALENERGY (FALCON SEABOARD) CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	77.0
54 CALENERGY (FALCON SEABOARD) STG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	71.0
55 CEDAR BAYOU CTG 4	08INR0035	CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	168.0
56 CEDAR BAYOU CTG 5	08INR0035	CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	168.0
57 CEDAR BAYOU STG 6	08INR0035	CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	182.0
58 COLORADO BEND ENERGY CENTER CTG 1	06INR0035	CBEC_GT1	WHARTON	GAS	SOUTH	2007	77.0
59 COLORADO BEND ENERGY CENTER CTG 2	06INR0035	CBEC_GT2	WHARTON	GAS	SOUTH	2007	71.0
60 COLORADO BEND ENERGY CENTER CTG 3	06INR0035	CBEC_GT3	WHARTON	GAS	SOUTH	2008	75.0
61 COLORADO BEND ENERGY CENTER CTG 4	06INR0035	CBEC_GT4	WHARTON	GAS	SOUTH	2008	75.0
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	108.0
64 CVC CHANNELVIEW CTG 1	02INR0004	CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	165.9
65 CVC CHANNELVIEW CTG 2	02INR0004	CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	168.2
66 CVC CHANNELVIEW CTG 3	02INR0004	CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	168.3
67 CVC CHANNELVIEW STG 5	02INR0004	CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	141.0
68 DEER PARK ENERGY CENTER CTG 1	02INR0020	DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	190.0
69 DEER PARK ENERGY CENTER CTG 2	02INR0020	DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	202.0
70 DEER PARK ENERGY CENTER CTG 3	02INR0020	DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	190.0
71 DEER PARK ENERGY CENTER CTG 4	02INR0020	DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	202.0
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	174.0
74 ENNIS POWER STATION CTG 2	01INR0008	ETCCS_CT1	ELLIS	GAS	NORTH	2002	240.0
75 ENNIS POWER STATION STG 1	01INR0008	ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	124.0
76 FERGUSON REPLACEMENT CTG1	13INR0021	FERGCC_FERGST1	LLANO	GAS	SOUTH	2014	175.9
77 FERGUSON REPLACEMENT CTG2	13INR0021	FERGCC_FERGST2	LLANO	GAS	SOUTH	2014	175.9
78 FERGUSON REPLACEMENT STG	13INR0021	FERGCC_FERGST1	LLANO	GAS	SOUTH	2014	196.9
79 FORNEY ENERGY CENTER CTG 11	01INR0007	FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	176.0
80 FORNEY ENERGY CENTER CTG 12	01INR0007	FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	168.0
81 FORNEY ENERGY CENTER CTG 13	01INR0007	FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	168.0
82 FORNEY ENERGY CENTER CTG 21	01INR0007	FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	176.0
83 FORNEY ENERGY CENTER CTG 22	01INR0007	FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	168.0
84 FORNEY ENERGY CENTER CTG 23	01INR0007	FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	168.0
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	156.2
88 FREESTONE ENERGY CENTER CTG 2	01INR0009	FREC_GT2	FREESTONE	GAS	NORTH	2002	156.2
89 FREESTONE ENERGY CENTER STG 3	01INR0009	FREC_ST3	FREESTONE	GAS	NORTH	2002	178.0
90 FREESTONE ENERGY CENTER CTG 4	01INR0009	FREC_GT4	FREESTONE	GAS	NORTH	2002	156.5
91 FREESTONE ENERGY CENTER CTG 5	01INR0009	FREC_GT5	FREESTONE	GAS	NORTH	2002	156.5
92 FREESTONE ENERGY CENTER STG 6	01INR0009	FREC_ST6	FREESTONE	GAS	NORTH	2002	177.1
93 GUADALUPE GEN STN CTG 1	01INR0004	GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	158.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
94 GUADALUPE GEN STN CTG 2	01INR0004	GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	158.0
95 GUADALUPE GEN STN CTG 3	01INR0004	GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	158.0
96 GUADALUPE GEN STN CTG 4	01INR0004	GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	158.0
97 GUADALUPE GEN STN CTG 5	01INR0004	GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	200.0
98 GUADALUPE GEN STN CTG 6	01INR0004	GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	200.0
99 HAYS ENERGY FACILITY CSG 1	01INR0003	HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	220.0
100 HAYS ENERGY FACILITY CSG 2	01INR0003	HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	220.0
101 HAYS ENERGY FACILITY CSG 3	01INR0003	HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	228.0
102 HAYS ENERGY FACILITY CSG 4	01INR0003	HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	228.0
103 HIDALGO CTG 1	00INR0006	DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	143.0
104 HIDALGO CTG 2	00INR0006	DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	143.0
105 HIDALGO STG	00INR0006	DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	172.0
106 JACK COUNTY GEN FACILITY CTG 1	05INR0010	JACKCNTY_CT1	JACK	GAS	NORTH	2005	150.0
107 JACK COUNTY GEN FACILITY CTG 2	05INR0010	JACKCNTY_CT2	JACK	GAS	NORTH	2005	150.0
108 JACK COUNTY GEN FACILITY STG 1	05INR0010	JACKCNTY_STG	JACK	GAS	NORTH	2005	285.0
109 JACK COUNTY GEN FACILITY CTG 3	10INR0010	JCKCNTY2_CT3	JACK	GAS	NORTH	2011	150.0
110 JACK COUNTY GEN FACILITY CTG 4	10INR0010	JCKCNTY2_CT4	JACK	GAS	NORTH	2011	150.0
111 JACK COUNTY GEN FACILITY STG 2	10INR0010	JCKCNTY2_ST2	JACK	GAS	NORTH	2011	285.0
112 JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1997	163.0
113 JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
114 LAMAR POWER PROJECT CTG 11	00INR0008	LPCCS_CT11	LAMAR	GAS	NORTH	2000	171.0
115 LAMAR POWER PROJECT CTG 12	00INR0008	LPCCS_CT12	LAMAR	GAS	NORTH	2000	161.0
116 LAMAR POWER PROJECT CTG 21	00INR0008	LPCCS_CT21	LAMAR	GAS	NORTH	2000	161.0
117 LAMAR POWER PROJECT CTG 22	00INR0008	LPCCS_CT22	LAMAR	GAS	NORTH	2000	166.0
118 LAMAR POWER PROJECT STG 1	00INR0008	LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
119 LAMAR POWER PROJECT STG 2	00INR0008	LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
120 LOST PINES CTG 1	02INR0005	LOSTPI_LOSTPGT1	BASTROP	GAS	SOUTH	2001	183.0
121 LOST PINES CTG 2	02INR0005	LOSTPI_LOSTPGT2	BASTROP	GAS	SOUTH	2001	175.0
122 LOST PINES STG	02INR0005	LOSTPI_LOSTPST1	BASTROP	GAS	SOUTH	2001	192.0
123 MAGIC VALLEY CTG 1	00INR0009	NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	213.6
124 MAGIC VALLEY CTG 2	00INR0009	NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	213.6
125 MAGIC VALLEY STG	00INR0009	NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	255.5
126 MIDLOTHIAN CS 1	00INR0012	MDANP_CT1	ELLIS	GAS	NORTH	2001	235.0
127 MIDLOTHIAN CS 2	00INR0012	MDANP_CT2	ELLIS	GAS	NORTH	2001	235.0
128 MIDLOTHIAN CS 3	00INR0012	MDANP_CT3	ELLIS	GAS	NORTH	2001	235.0
129 MIDLOTHIAN CS 4	00INR0012	MDANP_CT4	ELLIS	GAS	NORTH	2001	235.0
130 MIDLOTHIAN CS 5	02INR0008	MDANP_CT5	ELLIS	GAS	NORTH	2002	252.0
131 MIDLOTHIAN CS 6	02INR0008	MDANP_CT6	ELLIS	GAS	NORTH	2002	252.0
132 NUECES BAY CTG 8	09INR0039	NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	161.0
133 NUECES BAY CTG 9	09INR0039	NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	161.0
134 NUECES BAY STG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	322.0
135 ODESSA-ECTOR GEN STN CTG 11	01INR0026	OECCS_CT11	ECTOR	GAS	WEST	2001	156.8
136 ODESSA-ECTOR GEN STN CTG 12	01INR0026	OECCS_CT12	ECTOR	GAS	WEST	2001	145.8
137 ODESSA-ECTOR GEN STN CTG 21	01INR0026	OECCS_CT21	ECTOR	GAS	WEST	2001	150.2
138 ODESSA-ECTOR GEN STN CTG 22	01INR0026	OECCS_CT22	ECTOR	GAS	WEST	2001	147.9
139 ODESSA-ECTOR GEN STN STG 1	01INR0026	OECCS_UNIT1	ECTOR	GAS	WEST	2001	216.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
140 ODESSA-ECTOR GEN STN STG 2	01INR0026	OEECS_UNIT2	ECTOR	GAS	WEST	2001	216.0
141 PANDA SHERMAN CTG1	10INR0021	PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	218.5
142 PANDA SHERMAN CTG2	10INR0021	PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	218.5
143 PANDA SHERMAN STG	10INR0021	PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	353.1
144 PANDA TEMPLE CTG1	10INR0020a	PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	218.5
145 PANDA TEMPLE CTG2	10INR0020a	PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	218.5
146 PANDA TEMPLE STG	10INR0020a	PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	353.1
147 PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	86.0
148 PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	86.0
149 PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	87.0
150 PASGEN CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	170.0
151 PASGEN CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	170.0
152 PASGEN STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	168.0
153 QUAIL RUN ENERGY CTG 1	06INR0036	QALSW_GT2	ECTOR	GAS	WEST	2007	80.0
154 QUAIL RUN ENERGY CTG 2	06INR0036	QALSW_GT3	ECTOR	GAS	WEST	2008	80.0
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	80.0
158 QUAIL RUN ENERGY STG 2	06INR0036	QALSW_GT4	ECTOR	GAS	WEST	2008	80.0
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	162.0
161 RIO NOGALES CTG 2	02INR0001	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	162.0
162 RIO NOGALES CTG 3	02INR0001	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	162.0
163 RIO NOGALES STG 4	02INR0001	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
164 SAM RAYBURN CTG 8	03INR0014	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	51.0
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	160.0
168 SANDHILL ENERGY CENTER STG 5C	03INR0033	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	150.0
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	40.0
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	100.6
182 TEXAS CITY CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	100.6
183 TEXAS CITY CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	100.6
184 TEXAS CITY STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.5
185 VICTORIA POWER STATION CTG 6	08INR0050	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	168.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
186 VICTORIA POWER STATION STG 5	08INR0050	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	127.0
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	227.0
195 WOLF HOLLOW POWER CTG 2	01INR0015	WHCCS_CT2	HOOD	GAS	NORTH	2002	227.0
196 WOLF HOLLOW POWER STG	01INR0015	WHCCS_STG	HOOD	GAS	NORTH	2002	286.0
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	50.0
200 DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	50.0
201 DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	50.0
202 DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	50.0
203 DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	50.0
204 DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	75.0
205 DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	74.0
206 DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	73.0
207 DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	72.0
208 EXTEX LAPORTE GEN STN CTG 1	01INR0044	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	42.0
209 EXTEX LAPORTE GEN STN CTG 2	01INR0044	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	42.0
210 EXTEX LAPORTE GEN STN CTG 3	01INR0044	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	42.0
211 EXTEX LAPORTE GEN STN CTG 4	01INR0044	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	42.0
212 GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	54.0
213 GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	54.0
214 GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	54.0
215 GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	64.0
216 GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	54.0
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	48.0
223 LEON CREEK PEAKER CTG 2	04INR0009	LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	48.0
224 LEON CREEK PEAKER CTG 3	04INR0009	LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	48.0
225 LEON CREEK PEAKER CTG 4	04INR0009	LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	48.0
226 MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	77.0
227 MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	77.0
228 MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	77.0
229 MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	77.0
230 MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	77.0
231 MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	77.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING 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 PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	69.0
237 PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	67.0
238 PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	71.0
239 PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	72.0
240 PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	72.0
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	13.5
245 SAM RAYBURN CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	13.5
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	89.0
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	PNPI_GT2	FORT BEND	GAS	HOUSTON	2013	80.0
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	320.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
278 DECKER CREEK STG U2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	428.0
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	121.0
288 MOUNTAIN CREEK STG U7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	117.0
289 MOUNTAIN CREEK STG U8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	567.0
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	FRIIO	GAS	SOUTH	1961	25.0
293 PEARSALL STG U2		PEARSALL_PEAR_2	FRIIO	GAS	SOUTH	1961	25.0
294 PEARSALL STG U3		PEARSALL_PEAR_3	FRIIO	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	0.0
299 R W MILLER STG U2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	2016	0.0
300 R W MILLER STG U3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	2016	0.0
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	133.0
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	552.0
319 NOTREES BATTERY FACILITY	12INR0076	NWF_NBS	WINKLER	STORAGE	WEST	2012	0.0
320 ACACIA SOLAR	13DGR0001	ACACIA_UNIT_1	PRESIDIO	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	SPRING 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	LFBIO_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_RDML_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_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2
340 VIRIDIS ENERGY-ALVIN		DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7
341 VIRIDIS ENERGY-HUMBLE		DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
342 VIRIDIS ENERGY-LIBERTY		DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
343 VIRIDIS ENERGY-TRINITY BAY		DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
344 WM RENEWABLE-AUSTIN LFG		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
345 WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
346 WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
347 WM RENEWABLE-MESQUITE CREEK LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
348 WM RENEWABLE-WESTSIDE LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
349 Operational Capacity Total (Coal, Gas, Nuclear, Biomass, Solar)							64977.9
350							
351 Operational Resources (Hydro)							
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	SPRING RATING (MW)
370 MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
371 MARSHALL FORD HYDRO 3		MARSFO_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_LWSVL_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 Operational Capacity Total (Hydro)							540.7
381 Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					63.6
382							
383 Operational Capacity Total (Including Hydro)							65041.5
384							
385 Switchable Resources							
386 KIAMICHI ENERGY FACILITY 1CT101	03INR0012	KMCHI_1CT101	FANNIN	GAS	NORTH	2003	178.0
387 KIAMICHI ENERGY FACILITY 1CT201	03INR0012	KMCHI_1CT201	FANNIN	GAS	NORTH	2003	180.0
388 KIAMICHI ENERGY FACILITY 1ST	03INR0012	KMCHI_1ST	FANNIN	GAS	NORTH	2003	307.0
389 KIAMICHI ENERGY FACILITY 2CT101	03INR0012	KMCHI_2CT101	FANNIN	GAS	NORTH	2003	178.0
390 KIAMICHI ENERGY FACILITY 2CT201	03INR0012	KMCHI_2CT201	FANNIN	GAS	NORTH	2003	180.0
391 KIAMICHI ENERGY FACILITY 2ST	03INR0012	KMCHI_2ST	FANNIN	GAS	NORTH	2003	307.0
392 TENASKA-FRONTIER CTG 1	00PSR4	FTR_FTR_G1	GRIMES	GAS	NORTH	2000	180.0
393 TENASKA-FRONTIER CTG 2	00PSR4	FTR_FTR_G2	GRIMES	GAS	NORTH	2000	180.0
394 TENASKA-FRONTIER CTG 3	00PSR4	FTR_FTR_G3	GRIMES	GAS	NORTH	2000	180.0
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	162.0
397 TENASKA-GATEWAY CTG 2	01INR0019	TGCCS_CT2	RUSK	GAS	NORTH	2001	179.0
398 TENASKA-GATEWAY CTG 3	01INR0019	TGCCS_CT3	RUSK	GAS	NORTH	2001	178.0
399 TENASKA-GATEWAY CTG 4	01INR0019	TGCCS_UNIT4	RUSK	GAS	NORTH	2001	389.0
400 FRONTERA GENERATION CTG 1		FRONTERA_FRONTTEG1	HIDALGO	GAS	SOUTH	1999	170.0
401 FRONTERA GENERATION CTG 2		FRONTERA_FRONTTEG2	HIDALGO	GAS	SOUTH	1999	170.0
402 FRONTERA GENERATION CTG 3		FRONTERA_FRONTTEG3	HIDALGO	GAS	SOUTH	2000	184.0
403 Switchable Capacity Total							3702.0
404							
405 Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL		GAS			-470.0
406							
407 Available Mothball Capacity		MOTH_AVAIL		COAL			820.0
408							
409 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			4318.0
410							
411 Wind Resources							
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	SPRING 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_ELBCREEK	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_GOATWIN2	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_HWF1	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_WIND1	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	INDNWP_INDNWP	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	SPRING 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	TKSW1_ROSCOE	NOLAN	WIND	WEST	2008	209.0
482 SAND BLUFF WIND FARM	05INR0019	MCDLD_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	SWEETWND_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	01INR0038	TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
503 TRINITY HILLS WIND 1	08INR0062	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	07INR0011	TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
506 WEST TEXAS WIND ENERGY		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	SPRING RATING (MW)
508 WHITETAIL WIND ENERGY PROJECT	11INR0091	EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	91.0
509 WINDTHORST 2	13INR0057	WNDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6
510 WKN MOZART WIND	09INR0061	MOZART_WIND_1	KENT	WIND	WEST	2012	30.0
511 WOLF RIDGE WIND	07INR0034	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
514 Wind Capacity Total (Non-Coastal Counties)							10894.7
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
528 Wind Capacity Total (Coastal Counties)							1680.4
529 Wind Capacity Total Total							12575.1
530							
531 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			0.0
532							
533 Non-Synchronous Tie Resources							
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
540 Non-Synchronous Ties Total							1120.0
541 Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			494.8
542							
543 Planned Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights							
544 TEXAS CLEAN ENERGY PROJECT	13INR0023		ECTOR	COAL	WEST	2018	0.0
545 PANDA TEMPLE II CTG1	10INR0020b	PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	0.0
546 PANDA TEMPLE II CTG2	10INR0020b	PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	0.0
547 PANDA TEMPLE II STG	10INR0020b	PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	0.0
548 FGE TEXAS I	16INR0010		MITCHELL	GAS	WEST	2017	0.0
549 ANTELOPE STATION IC & CTG	13INR0028		HALE	GAS	PANHANDLE	2016	0.0
550 GOLDSMITH PEAKERS	14INR0039		ECTOR	GAS	WEST	2015	0.0
551 LA PALOMA ENERGY CENTER	16INR0004		CAMERON	GAS	COASTAL	2016	0.0
552 PHR PEAKERS	14INR0038		GALVESTON	GAS	HOUSTON	2015	0.0
553 SKY GLOBAL POWER ONE	16INR0057		COLORADO	GAS	SOUTH	2016	0.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
554 OCI ALAMO 5	15INR0036		UVALDE	SOLAR	SOUTH	2015	0.0
555 OCI ALAMO 6	15INR0070_1		PECOS	SOLAR	WEST	2016	0.0
556 RE ROSEROCK SOLAR PLANT	16INR0048		PECOS	SOLAR	WEST	2016	0.0
557 Planned Capacity Total (Not Wind)							0.0
558							
559 Planned Wind Resources with Executed SGIA							
560 STEPHENS RANCH WIND 2	12INR0034b		BORDEN	WIND	WEST	2015	0.0
561 MARIAH WIND a	13INR0010a		PARMER	WIND	PANHANDLE	2016	0.0
562 MARIAH WIND b	13INR0010b		PARMER	WIND	PANHANDLE	2015	0.0
563 MIDWAY FARMS WIND	11INR0054		SAN PATRICIO	WIND	COASTAL	2016	0.0
564 LONGHORN ENERGY CENTER (LHORN_N_UNIT1-2)	14INR0023		BRISCOE	WIND	PANHANDLE	2015	0.0
565 GRANDVIEW 2 (CONWAY)	13INR0005b		CARSON	WIND	PANHANDLE	2015	0.0
566 SOUTH CLAY WINDFARM	11INR0079a		CLAY	WIND	WEST	2015	0.0
567 BAFFIN WIND (PENASCAL 3) (BAFFIN_UNIT1-2)	06INR0022c		KENEDY	WIND	COASTAL	2015	0.0
568 MARIAH WIND c	13INR0010c		PARMER	WIND	PANHANDLE	2016	0.0
569 MESQUITE CREEK WIND (MESQCRK_WND1-2)	09INR0051		BORDEN	WIND	WEST	2015	0.0
570 GUNSIGHT MOUNTAIN	08INR0018		HOWARD	WIND	WEST	2015	0.0
571 BRISCOE WIND FARM	14INR0072		BRISCOE	WIND	PANHANDLE	2017	0.0
572 CAMERON COUNTY WIND	11INR0057		CAMERON	WIND	COASTAL	2015	0.0
573 COMANCHE RUN WIND	12INR0029		SWISHER	WIND	PANHANDLE	2016	0.0
574 CPV RATTLESNAKE DEN PH 1	13INR0020a		GLASSCOCK	WIND	WEST	2015	0.0
575 CPV RATTLESNAKE DEN PH 2	13INR0020b		GLASSCOCK	WIND	WEST	2016	0.0
576 GREEN PASTURES WIND (GPASTURE_WIND_I & II)	12INR0070		KNOX	WIND	WEST	2015	0.0
577 HEREFORD WIND (HRFDWIND_WIND_G & V)	13INR0059a		CASTRO	WIND	PANHANDLE	2015	200.0
578 JUMBO ROAD WIND (HRFDWIND_JRDWIND1-2)	13INR0059b		CASTRO	WIND	PANHANDLE	2015	0.0
579 LOGANS GAP WIND I	13INR0050		COMANCHE	WIND	NORTH	2015	0.0
580 LOS VIENTOS III (LV3_UNIT_1)	13INR0052		STARR	WIND	SOUTH	2015	0.0
581 MIAMI WIND 1b	14INR0012b		GRAY	WIND	PANHANDLE	2016	0.0
582 PAMPA WIND PROJECT	12INR0018		GRAY	WIND	PANHANDLE	2017	0.0
583 PATRIOT WIND (PETRONILLA)	11INR0062		NUECES	WIND	COASTAL	2016	0.0
584 ROUTE 66 WIND (ROUTE_66_WIND1)	14INR0032a		RANDALL	WIND	PANHANDLE	2015	0.0
585 SENDERO WIND ENERGY PROJECT	12INR0068		JIM HOGG	WIND	SOUTH	2015	0.0
586 SOUTH PLAINS WIND I	14INR0025a		FLOYD	WIND	PANHANDLE	2015	0.0
587 SOUTH PLAINS WIND II	14INR0025b		FLOYD	WIND	PANHANDLE	2015	0.0
588 SPINNING SPUR WIND THREE	14INR0053		OLDHAM	WIND	PANHANDLE	2015	0.0
589 WAKE WIND ENERGY	14INR0047		DICKENS	WIND	PANHANDLE	2015	0.0
590 CAPROCK WIND	10INR0009		CASTRO	WIND	PANHANDLE	2017	0.0
591 JAVELINA WIND ENERGY	13INR0055		ZAPATA	WIND	SOUTH	2015	0.0
592 LOS VIENTOS IV	15INR0037		STARR	WIND	SOUTH	2015	0.0
593 LOS VIENTOS V	15INR0021		STARR	WIND	SOUTH	2015	0.0
594 PALO DURO WIND	15INR0050		DEAF SMITH	WIND	PANHANDLE	2016	0.0
595 PANHANDLE WIND 3	14INR0030c		CARSON	WIND	PANHANDLE	2016	0.0
596 PULLMAN ROAD WIND	15INR0079		RANDALL	WIND	PANHANDLE	2015	0.0
597 SALT FORK WIND	14INR0062		GRAY	WIND	PANHANDLE	2015	0.0
598 SCANDIA WIND d	13INR0010d		PARMER	WIND	PANHANDLE	2016	0.0
599 SCANDIA WIND e	13INR0010e		PARMER	WIND	PANHANDLE	2016	0.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	SPRING RATING (MW)
600 SCANDIA WIND f	13INR0010f		PARMER	WIND	PANHANDLE	2016	0.0
601 SAN ROMAN WIND	14INR0013		CAMERON	WIND	COASTAL	2016	0.0
602 SOUTH PLAINS III	14INR0025c		FLOYD	WIND	PANHANDLE	2015	0.0
603 TORRECILLAS WIND A	14INR0045a		WEBB	WIND	SOUTH	2016	0.0
604 TORRECILLAS WIND B	14INR0045b		WEBB	WIND	SOUTH	2016	0.0
605 Planned Wind Capacity Total							200.0
606							
607 Planned Wind Capacity Sub-total (Non-Coastal Counties)							200.0
608 Planned Wind Capacity Sub-total (by Coastal County)							
609		CAMERON_NEW_WIND	CAMERON	WIND	COASTAL		0.0
610		WILLACY_NEW_WIND	WILLACY	WIND	COASTAL		0.0
611		KENEDY_NEW_WIND	KENEDY	WIND	COASTAL		0.0
612		KLEBERG_NEW_WIND	KLEBERG	WIND	COASTAL		0.0
613		NUECES_NEW_WIND	NUECES	WIND	COASTAL		0.0
614		SAN_PATRICIO_NEW_WIND	SAN PATRICIO	WIND	COASTAL		0.0
615		REFUGIO_NEW_WIND	REFUGIO	WIND	COASTAL		0.0
616		ARANSAS_NEW_WIND	ARANSAS	WIND	COASTAL		0.0
617		CALHOUN_NEW_WIND	CALHOUN	WIND	COASTAL		0.0
618		MATAGORDA_NEW_WIND	MATAGORDA	WIND	COASTAL		0.0
619		BRAZORIA_NEW_WIND	BRAZORIA	WIND	COASTAL		0.0
620 Planned Wind Capacity Sub-total (All Coastal Counties)							0.0
621							
622 Mothballed Capacity							
623 GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	58.0
624 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	520.0
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	430.0
633 J T DEELY U2 (MOTHBALLED)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	2018	420.0
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
639 Total Mothballed Capacity							3309.0
640							
641 Seasonal Mothballed Capacity							
642 MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0
643 MONTICELLO U1		MNSES_UNIT1	TITUS	COAL	NORTH	1974	572.0
644 MONTICELLO U2		MNSES_UNIT2	TITUS	COAL	NORTH	1975	572.0
645 Total Seasonal Mothballed Capacity							1964.0

Seasonal Assessment of Resource Adequacy for the ERCOT Region

Background

The Seasonal Assessment of Resource Adequacy (SARA) report is a deterministic approach to considering the impact of potential variables that may affect the sufficiency of installed resources to meet the peak electrical demand on the ERCOT System during a particular season.

The standard approach to assessing resource adequacy for one or more years into the future is to account for projected load and resources on a normalized basis and to require sufficient reserves (resources in excess of peak demand, on this normalized basis) to cover the uncertainty in peak demand and resource availability to meet a one-in-ten-years loss-of-load event criteria on a probabilistic basis.

For seasonal assessments that look ahead less than a year, specific information may be available (such as seasonal climate forecasts or anticipated common-mode events such as drought) which can be used to consider the range of resource adequacy in a more deterministic manner.

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

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