Release Date: May 4, 2015

FINAL
Seasonal Assessment of Resource Adequacy for the ERCOT Region (SARA)
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). The forecasted available generating reserve capacity has increased since the Preliminary Summer SARA was released on March 1, 2015. The primary reason for this change is the summer weather forecast, which generally indicates milder conditions than the 12-year normal forecast used in the Preliminary Summer SARA. As a result, the load forecast for summer has decreased by 1,071 MW, from 69,057 MW to 67,986 MW. Also contributing to the higher forecasted reserve capacity is an increase in planned capacity additions expected to be available by the start of the summer season.

For the summer season, expected new planned capacity additions now include the natural gas-fired 790 MW Panda Temple II facility (717 MW summer rating), which previously was forecasted to be available in August and is now expected in May 2015. The construction schedule has also changed for the planned 341 MW gas-fired project, Ector County Energy Center G (294 MW summer rating, and formerly called Goldsmith Peakers). This facility has been delayed into the fall 2015 season. The forecast for planned wind additions is 1,265 nameplate MW, with a summer Peak Average Capacity Contribution of 152 MW. This capacity contribution was derived by applying the methodology to calculate summer Peak Average Wind Capacity Percentages approved by the ERCOT Board of Directors in October 2014. This methodology currently results in 12 percent for non-coastal resources and 56 percent for coastal resources.

Due to recent rainfall, the three R.W. Miller gas-fired steam units (summer capacity rating of 403 MW) previously on extended outage due to insufficient cooling water are now expected to be available for the summer season. 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. ERCOT will continue to monitor the potential effect of drought conditions on generation capacity.

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. Confidential survey information gathered in March 2015 indicates that coal generators are expected to be compliant with CSAPR, and are either compliant with MATS or have received a one-year compliance extension. ERCOT continues to monitor implementation and consults with generation resource owners on their compliance plans for CSAPR, MATS and other environmental regulations.

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Forecasted Capacity and Demand

Operational Resources (excluding wind), MW	64,747	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	1,875	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)
Non-Coastal Wind Resources Capacity Contribution, MW	1,366	Based on 12% of installed capacity for non-coastal wind resources per ERCOT Nodal Protocols Section 3.2.6.2.2
Coastal Wind Resources Capacity Contribution, MW	941	Based on 56% of installed capacity for coastal wind resources per ERCOT Nodal Protocols Section 3.2.6.2.2
RMR Resources to be under Contract, MW	0	No RMR Resources currently under contract
Non-Synchronous Ties Capacity Contribution, MW	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	717	Based on in-service dates provided by developers of generation resources
Planned Non-Coastal Wind with signed IA , MW	152	Based on in-service dates provided by developers of generation resources and 12% of installed capacity for non-coastal wind resources
Planned Coastal Wind with signed IA , MW	0	Based on in-service dates provided by developers of generation resources and 56% of installed capacity for coastal wind resources
[a] Total Resources, MW	77,684	
[b] Peak Demand, MW	67,986	Summer peak forecast is based on a milder summer weather forecast similar to 2013 & 2014
[c] Reserve Capacity [a - b], MW	9,698	

Range of Potential Risks

	Forecasted Summer Season Peak Load	Extreme Load / Typical Generation Outages	Extreme Load / Extreme Generation Outages	
Seasonal Load Adjustment		3,369	3,369	Based on extreme weather forecast using 2011 weather data.
Typical Maintenance Outages	320	320	320	Based on historical average of planned outages for June through September weekdays (starting in August 2010).
Typical Forced Outages	2,406	2,406	2,406	Based on historical average of forced outages for June through September weekdays (starting in August 2010).
90th Percentile Forced Outages	-	-	2,250	Based on historical forced outages assuming a 90% confidence interval
[d] Total Uses of Reserve Capacity	2,726	6,095	8,345	
[e] Capacity Available for Operating Reserves (c-d), MW	6,972	3,603	1,353	
Less than 2,300 MW indicates risk of EEA1				

Unit Capacities - Summer

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
	Operational Resources							
4	COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,205.0
5	COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,195.0
6	SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,286.0
7	SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,295.0
8	BIG BROWN U1		BBSES_UNIT1	FREESTONE	COAL	NORTH	1971	600.0
9	BIG BROWN U2		BBSES_UNIT2	FREESTONE	COAL	NORTH	1972	595.0
10	COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	660.0
11	FAYETTE POWER U1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	604.0
12	FAYETTE POWER U2		FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	599.0
13	FAYETTE POWER U3		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	437.0
14	GIBBONS CREEK U1		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0
15	J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	555.0
16	J K SPRUCE U2	09INR0002	CALAVERS_JKS2	BEXAR	COAL	SOUTH	2010	775.0
17	J T DEELY U1		CALAVERS_JTD1	BEXAR	COAL	SOUTH	1977	420.0
18	J T DEELY U2		CALAVERS_JTD2	BEXAR	COAL	SOUTH	1978	420.0
19	LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	831.0
20	LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	858.0
21	MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	800.0
22	MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	805.0
23	MONTICELLO U3		MNSES_UNIT3	TITUS	COAL	NORTH	1978	795.0
24	OAK GROVE SES U1	09INR0006a	OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	840.0
25	OAK GROVE SES U2	09INR0006b	OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	825.0
26	OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
27	SAN MIGUEL U1		SANMIGL_SANMIGG1	ATASCOSA	COAL	SOUTH	1982	391.0
28	SANDOW U5	08INR0003	SD5SES_UNIT5	MILAM	COAL	SOUTH	2010	600.0
29	SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	970.0
30	TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	156.0
31	TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	156.0
32	W A PARISH U5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	659.0
33	W A PARISH U6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	658.0
34	W A PARISH U7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0
35	W A PARISH U8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0
36	A VON ROSENBERG 1 CTG 1	00INR0017	BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	155.0
37	A VON ROSENBERG 1 CTG 2	00INR0017	BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	155.0
38	A VON ROSENBERG 1 STG	00INR0017	BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	170.0
39	B M DAVIS CTG 3	09INR0038	B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	157.0
40	B M DAVIS CTG 4	09INR0038	B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	157.0
41	B M DAVIS STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	319.0
42	BASTROP ENERGY CENTER CTG 1	01INR0021	BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	150.0
43	BASTROP ENERGY CENTER CTG 2	01INR0021	BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	150.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
44	BASTROP ENERGY CENTER STG	01INR0021	BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	233.0
45	BOSQUE COUNTY PEAKING CTG 1	00INR0018	BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	143.2
46	BOSQUE COUNTY PEAKING CTG 2	00INR0018	BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	143.2
47	BOSQUE COUNTY PEAKING CTG 3	00INR0018	BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	150.2
48	BOSQUE COUNTY PEAKING STG 4	00INR0028	BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	81.4
49	BOSQUE COUNTY PEAKING STG 5	08INR0046	BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	190.5
50	BRAZOS VALLEY CTG 1	01INR0031	BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	166.0
51	BRAZOS VALLEY CTG 2	01INR0031	BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	166.0
52	BRAZOS VALLEY STG 3	01INR0031	BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
53	CALENERGY (FALCON SEABOARD) CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	75.0
54	CALENERGY (FALCON SEABOARD) CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	75.0
55	CALENERGY (FALCON SEABOARD) STG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	70.0
56	CEDAR BAYOU CTG 4		CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	163.0
57	CEDAR BAYOU CTG 5		CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	163.0
58	CEDAR BAYOU STG 6		CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	178.0
59	COLORADO BEND ENERGY CENTER CTG 1	06INR0035b	CBEC_GT1	WHARTON	GAS	SOUTH	2007	76.0
60	COLORADO BEND ENERGY CENTER CTG 2	06INR0035b	CBEC_GT2	WHARTON	GAS	SOUTH	2007	69.0
61	COLORADO BEND ENERGY CENTER STG 1	06INR0035b	CBEC_STG1	WHARTON	GAS	SOUTH	2007	103.0
62	COLORADO BEND ENERGY CENTER CTG 3	06INR0035a	CBEC_GT3	WHARTON	GAS	SOUTH	2008	72.0
63	COLORADO BEND ENERGY CENTER CTG 4	06INR0035a	CBEC_GT4	WHARTON	GAS	SOUTH	2008	72.0
64	COLORADO BEND ENERGY CENTER STG 2	06INR0035a	CBEC_STG2	WHARTON	GAS	SOUTH	2008	106.0
65	CVC CHANNELVIEW CTG 1	02INR0004	CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	172.0
66	CVC CHANNELVIEW CTG 2	02INR0004	CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	164.0
67	CVC CHANNELVIEW CTG 3	02INR0004	CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	164.0
68	CVC CHANNELVIEW STG 5	02INR0004	CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	146.0
69	DEER PARK ENERGY CENTER CTG 1	02INR0020	DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	181.0
70	DEER PARK ENERGY CENTER CTG 2	02INR0020	DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	193.0
71	DEER PARK ENERGY CENTER CTG 3	02INR0020	DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	181.0
72	DEER PARK ENERGY CENTER CTG 4	02INR0020	DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	193.0
73	DEER PARK ENERGY CENTER STG	02INR0020	DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	290.0
74	DEER PARK ENERGY CENTER CTG 6	14INR0015	DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	165.0
75	ENNIS POWER STATION CTG 2	01INR0008	ETCCS_CT1	ELLIS	GAS	NORTH	2002	196.0
76	ENNIS POWER STATION STG 1	01INR0008	ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	116.0
77	FERGUSON REPLACEMENT CTG1	13INR0021	FERGCC_FERGGT1	LLANO	GAS	SOUTH	2014	161.9
78	FERGUSON REPLACEMENT CTG2	13INR0021	FERGCC_FERGGT2	LLANO	GAS	SOUTH	2014	161.9
79	FERGUSON REPLACEMENT STG	13INR0021	FERGCC_FERGST1	LLANO	GAS	SOUTH	2014	186.0
80	FORNEY ENERGY CENTER CTG 11	01INR0007	FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	168.0
81	FORNEY ENERGY CENTER CTG 12	01INR0007	FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	160.0
82	FORNEY ENERGY CENTER CTG 13	01INR0007	FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	160.0
83	FORNEY ENERGY CENTER CTG 21	01INR0007	FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	168.0
84	FORNEY ENERGY CENTER CTG 22	01INR0007	FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	160.0
85	FORNEY ENERGY CENTER CTG 23	01INR0007	FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	160.0
86	FORNEY ENERGY CENTER STG 10	01INR0007	FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	417.0
87	FORNEY ENERGY CENTER STG 20	01INR0007	FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	417.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
88	FREESTONE ENERGY CENTER CTG 1	01INR0009	FREC_GT1	FREESTONE	GAS	NORTH	2002	151.6
89	FREESTONE ENERGY CENTER CTG 2	01INR0009	FREC_GT2	FREESTONE	GAS	NORTH	2002	151.6
90	FREESTONE ENERGY CENTER STG 3	01INR0009	FREC_ST3	FREESTONE	GAS	NORTH	2002	176.2
91	FREESTONE ENERGY CENTER CTG 4	01INR0009	FREC_GT4	FREESTONE	GAS	NORTH	2002	151.7
92	FREESTONE ENERGY CENTER CTG 5	01INR0009	FREC_GT5	FREESTONE	GAS	NORTH	2002	151.7
93	FREESTONE ENERGY CENTER STG 6	01INR0009	FREC_ST6	FREESTONE	GAS	NORTH	2002	174.5
94	GUADALUPE GEN STN CTG 1	01INR0004	GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	148.0
95	GUADALUPE GEN STN CTG 2	01INR0004	GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	148.0
96	GUADALUPE GEN STN CTG 3	01INR0004	GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	148.0
97	GUADALUPE GEN STN CTG 4	01INR0004	GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	148.0
98	GUADALUPE GEN STN STG 5	01INR0004	GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	197.0
99	GUADALUPE GEN STN STG 6	01INR0004	GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	197.0
100	HAYS ENERGY FACILITY CSG 1	01INR0003	HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	216.0
101	HAYS ENERGY FACILITY CSG 2	01INR0003	HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	216.0
102	HAYS ENERGY FACILITY CSG 3	01INR0003	HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	225.0
103	HAYS ENERGY FACILITY CSG 4	01INR0003	HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	225.0
104	HIDALGO CTG 1	00INR0006	DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	143.0
105	HIDALGO CTG 2	00INR0006	DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	143.0
106	HIDALGO STG	00INR0006	DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	172.0
107	JACK COUNTY GEN FACILITY CTG 1	05INR0010	JACKCNTY_CT1	JACK	GAS	NORTH	2005	166.0
108	JACK COUNTY GEN FACILITY CTG 2	05INR0010	JACKCNTY_CT2	JACK	GAS	NORTH	2005	165.0
109	JACK COUNTY GEN FACILITY STG 1	05INR0010	JACKCNTY_STG	JACK	GAS	NORTH	2005	295.0
110	JACK COUNTY GEN FACILITY CTG 3	10INR0010	JCKCNTY2_CT3	JACK	GAS	NORTH	2011	166.0
111	JACK COUNTY GEN FACILITY CTG 4	10INR0010	JCKCNTY2_CT4	JACK	GAS	NORTH	2011	165.0
112	JACK COUNTY GEN FACILITY STG 2	10INR0010	JCKCNTY2_ST2	JACK	GAS	NORTH	2011	295.0
113	JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1997	163.0
114	JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
115	LAMAR POWER CTG 11	00INR0008	LPCCS_CT11	LAMAR	GAS	NORTH	2000	163.0
116	LAMAR POWER CTG 12	00INR0008	LPCCS_CT12	LAMAR	GAS	NORTH	2000	153.0
117	LAMAR POWER CTG 21	00INR0008	LPCCS_CT21	LAMAR	GAS	NORTH	2000	153.0
118	LAMAR POWER CTG 22	00INR0008	LPCCS_CT22	LAMAR	GAS	NORTH	2000	163.0
119	LAMAR POWER STG 1	00INR0008	LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
120	LAMAR POWER STG 2	00INR0008	LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
121	LOST PINES CTG 1	02INR0005	LOSTPI_LOSTPGT1	BASTROP	GAS	SOUTH	2001	170.0
122	LOST PINES CTG 2	02INR0005	LOSTPI_LOSTPGT2	BASTROP	GAS	SOUTH	2001	170.0
123	LOST PINES STG	02INR0005	LOSTPI_LOSTPST1	BASTROP	GAS	SOUTH	2001	188.0
124	MAGIC VALLEY CTG 1	00INR0009	NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	208.6
125	MAGIC VALLEY CTG 2	00INR0009	NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	208.6
126	MAGIC VALLEY STG	00INR0009	NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	253.0
127	MIDLOTHIAN CS 1	00INR0012	MDANP_CT1	ELLIS	GAS	NORTH	2001	235.0
128	MIDLOTHIAN CS 2	00INR0012	MDANP_CT2	ELLIS	GAS	NORTH	2001	235.0
129	MIDLOTHIAN CS 3	00INR0012	MDANP_CT3	ELLIS	GAS	NORTH	2001	235.0
130	MIDLOTHIAN CS 4	00INR0012	MDANP_CT4	ELLIS	GAS	NORTH	2001	235.0
131	MIDLOTHIAN CS 5	02INR0008	MDANP_CT5	ELLIS	GAS	NORTH	2002	252.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
132	MIDLOTHIAN CS 6	02INR0008	MDANP_CT6	ELLIS	GAS	NORTH	2002	252.0
133	NUECES BAY CTG 8	09INR0039	NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	157.0
134	NUECES BAY CTG 9	09INR0039	NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	157.0
135	NUECES BAY STG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	319.0
136	ODESSA-ECTOR GEN STN CTG 11	01INR0026	OECCS_CT11	ECTOR	GAS	WEST	2001	151.0
137	ODESSA-ECTOR GEN STN CTG 12	01INR0026	OECCS_CT12	ECTOR	GAS	WEST	2001	140.4
138	ODESSA-ECTOR GEN STN CTG 21	01INR0026	OECCS_CT21	ECTOR	GAS	WEST	2001	144.7
139	ODESSA-ECTOR GEN STN CTG 22	01INR0026	OECCS_CT22	ECTOR	GAS	WEST	2001	142.4
140	ODESSA-ECTOR GEN STN STG 1	01INR0026	OECCS_UNIT1	ECTOR	GAS	WEST	2001	210.0
141	ODESSA-ECTOR GEN STN STG 2	01INR0026	OECCS_UNIT2	ECTOR	GAS	WEST	2001	210.0
142	PANDA SHERMAN CTG1	10INR0021	PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	196.0
143	PANDA SHERMAN CTG2	10INR0021	PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	195.0
144	PANDA SHERMAN STG	10INR0021	PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	326.0
145	PANDA TEMPLE CTG1	10INR0020a	PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	195.0
146	PANDA TEMPLE CTG2	10INR0020a	PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	195.0
147	PANDA TEMPLE STG	10INR0020a	PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	312.0
148	PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	76.0
149	PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	76.0
150	PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	87.0
151	PASGEN CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	164.0
152	PASGEN CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	164.0
153	PASGEN STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	167.0
154	QUAIL RUN ENERGY CTG 1	06INR0036b	QALSW_GT1	ECTOR	GAS	WEST	2007	74.0
155	QUAIL RUN ENERGY CTG 2	06INR0036b	QALSW_GT2	ECTOR	GAS	WEST	2007	74.0
156	QUAIL RUN ENERGY STG 1	06INR0036b	QALSW_STG1	ECTOR	GAS	WEST	2007	98.0
157	QUAIL RUN ENERGY CTG 3	06INR0036a	QALSW_GT3	ECTOR	GAS	WEST	2008	72.0
158	QUAIL RUN ENERGY CTG 4	06INR0036a	QALSW_GT4	ECTOR	GAS	WEST	2008	72.0
159	QUAIL RUN ENERGY STG 2	06INR0036a	QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
160	SAM RAYBURN CTG 7	03INR0014	RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
161	RIO NOGALES CTG 1	02INR0001	RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	154.0
162	RIO NOGALES CTG 2	02INR0001	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	154.0
163	RIO NOGALES CTG 3	02INR0001	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	154.0
164	RIO NOGALES STG 4	02INR0001	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
165	SAM RAYBURN CTG 8	03INR0014	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	50.0
166	SAM RAYBURN CTG 9	03INR0014	RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
167	SAM RAYBURN STG 10	03INR0014	RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
168	SANDHILL ENERGY CENTER CTG 5A	03INR0033	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	150.0
169	SANDHILL ENERGY CENTER STG 5C	03INR0033	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	145.0
170	SILAS RAY STG 6		SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	20.0
171	SILAS RAY CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	38.0
172	T H WHARTON CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	1972	57.0
173	T H WHARTON CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	1972	57.0
174	T H WHARTON CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	1972	57.0
175	T H WHARTON CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	1972	57.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
176	T H WHARTON STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	1974	104.0
177	T H WHARTON CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	1972	57.0
178	T H WHARTON CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	1972	57.0
179	T H WHARTON CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	1974	57.0
180	T H WHARTON CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	1974	57.0
181	T H WHARTON STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	1974	104.0
182	TEXAS CITY CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	96.6
183	TEXAS CITY CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	96.6
184	TEXAS CITY CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	96.6
185	TEXAS CITY STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.6
186	VICTORIA POWER STATION CTG 6	08INR0050	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	160.0
187	VICTORIA POWER STATION STG 5	08INR0050	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	125.0
188	WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0
189	WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0
190	WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0
191	WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	17.0
192	WISE-TRACTEBEL POWER CTG 1	02INR0009	WCPP_CT1	WISE	GAS	NORTH	2004	212.0
193	WISE-TRACTEBEL POWER CTG 2	02INR0009	WCPP_CT2	WISE	GAS	NORTH	2004	212.0
194	WISE-TRACTEBEL POWER STG 1	02INR0009	WCPP_ST1	WISE	GAS	NORTH	2004	241.0
195	WOLF HOLLOW POWER CTG 1	01INR0015	WHCCS_CT1	HOOD	GAS	NORTH	2002	212.5
196	WOLF HOLLOW POWER CTG 2	01INR0015	WHCCS_CT2	HOOD	GAS	NORTH	2002	212.5
197	WOLF HOLLOW POWER STG	01INR0015	WHCCS_STG	HOOD	GAS	NORTH	2002	280.0
198	ATKINS CTG 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	2016	20.0
199	DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	48.0
200	DANSBY CTG 3	09INR0072	DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	48.0
201	DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	48.0
202	DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	48.0
203	DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	48.0
204	DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	48.0
205	DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	71.0
206	DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	70.0
207	DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	69.0
208	DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	68.0
209	EXTEX LAPORTE GEN STN CTG 1	01INR0044	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	38.0
210	EXTEX LAPORTE GEN STN CTG 2	01INR0044	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	38.0
211	EXTEX LAPORTE GEN STN CTG 3	01INR0044	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	38.0
212	EXTEX LAPORTE GEN STN CTG 4	01INR0044	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	38.0
213	GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	46.0
214	GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	46.0
215	GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	46.0
216	GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	58.0
217	GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	56.0
218	GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	46.0
219	GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.4

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
220	GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.4
221	GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.4
222	LAREDO CTG 4	08INR0064	LARDVFTN_G4	WEBB	GAS	SOUTH	2008	94.2
223	LAREDO CTG 5	08INR0064	LARDVFTN_G5	WEBB	GAS	SOUTH	2008	94.2
224	LEON CREEK PEAKER CTG 1	04INR0009	LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	46.0
225	LEON CREEK PEAKER CTG 2	04INR0009	LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	46.0
226	LEON CREEK PEAKER CTG 3	04INR0009	LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	46.0
227	LEON CREEK PEAKER CTG 4	04INR0009	LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	46.0
228	MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	68.0
229	MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	68.0
230	MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	68.0
231	MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	68.0
232	MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	68.0
233	MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	67.0
234	PEARSALL IC ENGINE PLANT A	09INR0079a	PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
235	PEARSALL IC ENGINE PLANT B	09INR0079a	PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
236	PEARSALL IC ENGINE PLANT C	09INR0079b	PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
237	PEARSALL IC ENGINE PLANT D	09INR0079b	PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
238	PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	68.0
239	PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	65.0
240	PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	68.0
241	PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	69.0
242	PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	70.0
243	R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	2000	104.0
244	R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	2000	104.0
245	RAY OLINGER CTG 4	00INR0024	OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	75.0
246	SAM RAYBURN CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	11.0
247	SAM RAYBURN CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	11.0
248	SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	81.0
249	SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	81.0
250	SANDHILL ENERGY CENTER CTG 1	01INR0041	SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	47.0
251	SANDHILL ENERGY CENTER CTG 2	01INR0041	SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	47.0
252	SANDHILL ENERGY CENTER CTG 3	01INR0041	SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	47.0
253	SANDHILL ENERGY CENTER CTG 4	01INR0041	SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	47.0
254	SANDHILL ENERGY CENTER CTG 6	09INR0045	SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	47.0
255	SANDHILL ENERGY CENTER CTG 7	09INR0045	SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	47.0
256	SILAS RAY CTG 10	04INR0014	SILASRAY_SILAS_10	CAMERON	GAS	COASTAL	2004	46.0
257	T H WHARTON CTG 51		THW_THWGT51	HARRIS	GAS	HOUSTON	1975	57.0
258	T H WHARTON CTG 52		THW_THWGT52	HARRIS	GAS	HOUSTON	1975	57.0
259	T H WHARTON CTG 53		THW_THWGT53	HARRIS	GAS	HOUSTON	1975	57.0
260	T H WHARTON CTG 54		THW_THWGT54	HARRIS	GAS	HOUSTON	1975	57.0
261	T H WHARTON CTG 55		THW_THWGT55	HARRIS	GAS	HOUSTON	1975	57.0
262	T H WHARTON CTG 56		THW_THWGT56	HARRIS	GAS	HOUSTON	1975	57.0
263	T H WHARTON CTG G1		THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
264	TEXAS GULF SULPHUR		TGF_TGFGT_1	WHARTON	GAS	SOUTH	1985	79.0
265	V H BRAUNIG CTG 5	09INR0028	BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
266	V H BRAUNIG CTG 6	09INR0028	BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
267	V H BRAUNIG CTG 7	09INR0028	BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
268	V H BRAUNIG CTG 8	09INR0028	BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	48.0
269	W A PARISH CTG 1		WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	1967	13.0
270	W A PARISH - PETRA NOVA CTG	12INR0086	PNPI_GT2	FORT BEND	GAS	HOUSTON	2013	74.0
271	WINCHESTER POWER PARK CTG 1	09INR0027	WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	44.0
272	WINCHESTER POWER PARK CTG 2	09INR0027	WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	44.0
273	WINCHESTER POWER PARK CTG 3	09INR0027	WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	44.0
274	WINCHESTER POWER PARK CTG 4	09INR0027	WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	44.0
275	B M DAVIS STG U1		B_DAVIS_B_DAVIG1	NUECES	GAS	COASTAL	1974	335.0
276	CEDAR BAYOU STG U1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
277	CEDAR BAYOU STG U2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
278	DANSBY STG U1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	110.0
279	DECKER CREEK STG U1		DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	315.0
280	DECKER CREEK STG U2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	420.0
281	GRAHAM STG U1		GRSES_UNIT1	YOUNG	GAS	WEST	1960	225.0
282	GRAHAM STG U2		GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
283	GREENS BAYOU STG U5		GBY_GBY_5	HARRIS	GAS	HOUSTON	1973	371.0
284	HANDLEY STG U3		HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
285	HANDLEY STG U4		HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
286	HANDLEY STG U5		HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
287	LAKE HUBBARD STG U1		LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
288	LAKE HUBBARD STG U2		LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	515.0
289	MOUNTAIN CREEK STG U6		MCSES_UNIT6	DALLAS	GAS	NORTH	1956	120.0
290	MOUNTAIN CREEK STG U7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	115.0
291	MOUNTAIN CREEK STG U8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	565.0
292	O W SOMMERS STG U1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
293	O W SOMMERS STG U2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	420.0
294	PEARSALL STG U1		PEARSALL_PEARS_1	FRIO	GAS	SOUTH	1961	25.0
295	PEARSALL STG U2		PEARSALL_PEARS_2	FRIO	GAS	SOUTH	1961	25.0
296	PEARSALL STG U3		PEARSALL_PEARS_3	FRIO	GAS	SOUTH	1961	25.0
297	POWERLANE PLANT STG U1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	20.0
298	POWERLANE PLANT STG U2		STEAM_STEAM_2	HUNT	GAS	NORTH	1967	26.0
299	POWERLANE PLANT STG U3		STEAM_STEAM_3	HUNT	GAS	NORTH	1978	41.0
300	R W MILLER STG U1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	2016	75.0
301	R W MILLER STG U2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	2016	120.0
302	R W MILLER STG U3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	2016	208.0
303	RAY OLINGER STG U1		OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
304	RAY OLINGER STG U2		OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0
305	RAY OLINGER STG U3		OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
306	SIM GIDEON STG U1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
307	SIM GIDEON STG U2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
308	SIM GIDEON STG U3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	336.0
309	SPENCER STG U4		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	61.0
310	SPENCER STG U5		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0
311	STRYKER CREEK STG U1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0
312	STRYKER CREEK STG U2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0
313	TRINIDAD STG U6		TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	226.0
314	V H BRAUNIG STG U1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	220.0
315	V H BRAUNIG STG U2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
316	V H BRAUNIG STG U3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
317	W A PARISH STG U1		WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0
318	W A PARISH STG U2		WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0
319	W A PARISH STG U3		WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	246.0
320	W A PARISH STG U4		WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	536.0
321	NOTREES BATTERY FACILITY	12INR0076	NWF_NBS	WINKLER	STORAGE	WEST	2012	-
322	ACACIA SOLAR	13DGR0001	ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
323	BARILLA SOLAR (FS, PECOS)	12INR0059	HOVEY_UNIT1	PECOS	SOLAR	WEST	2014	29.4
324	OCI ALAMO 1 SOLAR	13INR0058	OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
325	OCI ALAMO 4 SOLAR (BRACKETVILLE)	14INR0024	ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
326	WEBBERVILLE SOLAR	10INR0082	WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
327	BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
328	BLUE WING 2 SOLAR		DG_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
329	OCI ALAMO 2-ST. HEDWIG SOLAR		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4
330	OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
331	SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
332	SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
333	SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
334	SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
335	NACOGDOCHES POWER	09INR0007	NACPW_UNIT1	NACOGDOCHE	BIOMASS	NORTH	2012	105.0
336	LUFKIN BIOMASS	08INR0033	LFBIO_UNIT1	ANGELINA	BIOMASS	NORTH	2012	45.0
337	BIOENERGY AUSTIN WALZEM RD LFG		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
338	BIOENERGY TEXAS COVEL GARDENS LFG		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
339	FORT WORTH METHANE		DG_RDLML_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6
340	MCKINNEY LFG		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2
341	NELSON GARDENS LANDFILL		DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2
342	SKYLINE LANDFILL GAS		DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
343	TRINITY OAKS LFG		DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2
344	VIRIDIS ENERGY-ALVIN		DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7
345	VIRIDIS ENERGY-HUMBLE		DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
346	VIRIDIS ENERGY-LIBERTY		DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
347	VIRIDIS ENERGY-TRINITY BAY		DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
348	WM RENEWABLE-AUSTIN LFG		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
349	WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
350	WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
351	WM RENEWABLE-MESQUITE CREEK LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
352	WM RENEWABLE-WESTSIDE LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
353	**Operational Capacity Total (Coal, Gas, Nuclear, Biomass, Solar)**							**64,333.3**
354								
355	**Operational Resources (Hydro)**							
356	AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9
357	AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
358	AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
359	AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
360	BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
361	BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
362	BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
363	DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
364	DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
365	FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
366	FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
367	FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
368	GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
369	GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
370	INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
371	MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
372	MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
373	MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS	HYDRO	SOUTH	1941	36.0
374	MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS	HYDRO	SOUTH	1941	36.0
375	MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS	HYDRO	SOUTH	1941	29.0
376	WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	20.0
377	WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	15.0
378	ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
379	EAGLE PASS HYDRO		DG_EAGLE_HY_EAGLE_HY1	MAVERICK	HYDRO	SOUTH	2005	9.6
380	GUADALUPE BLANCO RIVER AUTH-CANYON		DG_CANYHY_CANYHYG1	COMAL	HYDRO	SOUTH	1989	6.0
381	GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
382	GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
383	GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
384	CITY OF GARLAND LEWISVILLE HYDRO		DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
385	**Operational Capacity Total (Hydro)**							**542.1**
386	Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					433.4
387								
388	Operational Capacity Unavailable due to Extended Outage		OPERATION_UNAVAIL		GAS			(20.0)
389	**Operational Capacity Total (Including Hydro)**							**64,746.7**
390								
391	**Switchable Resources**							
392	KIAMICHI ENERGY FACILITY 1CT101	03INR0012	KMCHI_1CT101	FANNIN	GAS	NORTH	2003	153.0
393	KIAMICHI ENERGY FACILITY 1CT201	03INR0012	KMCHI_1CT201	FANNIN	GAS	NORTH	2003	155.0
394	KIAMICHI ENERGY FACILITY 1ST	03INR0012	KMCHI_1ST	FANNIN	GAS	NORTH	2003	315.0
395	KIAMICHI ENERGY FACILITY 2CT101	03INR0012	KMCHI_2CT101	FANNIN	GAS	NORTH	2003	153.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
396	KIAMICHI ENERGY FACILITY 2CT201	03INR0012	KMCHI_2CT201	FANNIN	GAS	NORTH	2003	155.0
397	KIAMICHI ENERGY FACILITY 2ST	03INR0012	KMCHI_2ST	FANNIN	GAS	NORTH	2003	315.0
398	TENASKA-FRONTIER CTG 1	00PSR4	FTR_FTR_G1	GRIMES	GAS	NORTH	2000	160.0
399	TENASKA-FRONTIER CTG 2	00PSR4	FTR_FTR_G2	GRIMES	GAS	NORTH	2000	160.0
400	TENASKA-FRONTIER CTG 3	00PSR4	FTR_FTR_G3	GRIMES	GAS	NORTH	2000	160.0
401	TENASKA-FRONTIER STG 4	00PSR4	FTR_FTR_G4	GRIMES	GAS	NORTH	2000	400.0
402	TENASKA-GATEWAY CTG 1	01INR0019	TGCCS_CT1	RUSK	GAS	NORTH	2001	156.0
403	TENASKA-GATEWAY CTG 2	01INR0019	TGCCS_CT2	RUSK	GAS	NORTH	2001	135.0
404	TENASKA-GATEWAY CTG 3	01INR0019	TGCCS_CT3	RUSK	GAS	NORTH	2001	153.0
405	TENASKA-GATEWAY STG 4	01INR0019	TGCCS_UNIT4	RUSK	GAS	NORTH	2001	402.0
406	FRONTERA GENERATION CTG 1		FRONTERA_FRONTEG1	HIDALGO	GAS	SOUTH	1999	170.0
407	FRONTERA GENERATION CTG 2		FRONTERA_FRONTEG2	HIDALGO	GAS	SOUTH	1999	170.0
408	FRONTERA GENERATION STG		FRONTERA_FRONTEG3	HIDALGO	GAS	SOUTH	2000	184.0
409	**Switchable Capacity Total**							**3,496.0**
410								
411	Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL		GAS			(470.0)
412								
413	Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL		COAL			1,875.0
414								
415	Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			4,344.0
416								
417	**Wind Resources**							
418	ANACACHO WIND	12INR0072	ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8
419	BARTON CHAPEL WIND	06INR0021	BRTSW_BCW1	JACK	WIND	NORTH	2007	120.0
420	BLUE SUMMIT WIND 5	12INR0075	BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0
421	BLUE SUMMIT WIND 6	12INR0075	BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4
422	BOBCAT BLUFF WIND	08INR0049	BCATWIND_WIND_1	ARCHER	WIND	WEST	2012	150.0
423	BUFFALO GAP WIND FARM 1	04INR0015	BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6
424	BUFFALO GAP WIND FARM 2_1	06INR0037	BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5
425	BUFFALO GAP WIND FARM 2_2	06INR0037	BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0
426	BUFFALO GAP WIND FARM 3	07INR0030	BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2008	170.2
427	BULL CREEK WIND PLANT U1	07INR0037	BULLCRK_WND1	BORDEN	WIND	WEST	2009	88.0
428	BULL CREEK WIND PLANT U2	07INR0037	BULLCRK_WND2	BORDEN	WIND	WEST	2009	90.0
429	CALLAHAN WIND	04INR0013	CALLAHAN_WND1	CALLAHAN	WIND	WEST	2004	114.0
430	CAMP SPRINGS WIND 1	06INR0038	CSEC_CSECG1	SCURRY	WIND	WEST	2007	130.5
431	CAMP SPRINGS WIND 2	07INR0040	CSEC_CSECG2	SCURRY	WIND	WEST	2007	120.0
432	CAPRICORN RIDGE WIND 1	07INR0018	CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5
433	CAPRICORN RIDGE WIND 2	07INR0041	CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0
434	CAPRICORN RIDGE WIND 3	07INR0041	CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5
435	CAPRICORN RIDGE WIND 4	08INR0063	CAPRIDG4_CR4	COKE	WIND	WEST	2008	112.5
436	CEDRO HILL WIND 1	09INR0082	CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0
437	CEDRO HILL WIND 2	09INR0082	CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0
438	CHAMPION WIND FARM	07INR0045d	CHAMPION_UNIT1	NOLAN	WIND	WEST	2008	126.5
439	DESERT SKY WIND FARM 1		INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
440	DESERT SKY WIND FARM 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5
441	ELBOW CREEK WIND	08INR0053	ELB_ELBCREEK	HOWARD	WIND	WEST	2008	118.7
442	FOREST CREEK WIND FARM	05INR0019	MCDLD_FCW1	GLASSCOCK	WIND	WEST	2007	124.2
443	GOAT WIND	07INR0028	GOAT_GOATWIND	STERLING	WIND	WEST	2008	80.0
444	GOAT WIND 2	07INR0028b	GOAT_GOATWIN2	STERLING	WIND	WEST	2010	69.6
445	GOLDTHWAITE WIND 1	11INR0013	GWEC_GWEC_G1	MILLS	WIND	NORTH	2014	148.6
446	GRANDVIEW 1 (CONWAY) GV1A	13INR0005a	GRANDVW1_GV1A	CARSON	WIND	PANHANDLE	2014	107.4
447	GRANDVIEW 1 (CONWAY) GV1B	13INR0005a	GRANDVW1_GV1B	CARSON	WIND	PANHANDLE	2014	103.8
448	GREEN MOUNTAIN WIND (BRAZOS) U1	03INR0020	BRAZ_WND_WND1	SCURRY	WIND	WEST	2003	99.0
449	GREEN MOUNTAIN WIND (BRAZOS) U2	03INR0020	BRAZ_WND_WND2	SCURRY	WIND	WEST	2003	61.0
450	HACKBERRY WIND FARM	04INR0011e	HWF_HWFG1	SHACKELFORI	WIND	WEST	2008	163.5
451	HORSE HOLLOW WIND 1	05INR0018b	H_HOLLOW_WND1	TAYLOR	WIND	WEST	2005	206.6
452	HORSE HOLLOW WIND 2	05INR0018a	HHOLLOW2_WIND1	TAYLOR	WIND	WEST	2006	158.0
453	HORSE HOLLOW WIND 3	06INR0040	HHOLLOW3_WND_1	TAYLOR	WIND	WEST	2006	208.0
454	HORSE HOLLOW WIND 4	06INR0040	HHOLLOW4_WND1	TAYLOR	WIND	WEST	2006	108.0
455	INADALE WIND	07INR0045b	INDL_INADALE1	NOLAN	WIND	WEST	2008	196.6
456	INDIAN MESA WIND FARM	00INR0022	INDNNWP_INDNNWP	PECOS	WIND	WEST	2001	82.5
457	JUMBO ROAD WIND 1	13INR0059b	HRFDWIND_JRDWIND1	DEAF SMITH	WIND	PANHANDLE	2015	146.2
458	JUMBO ROAD WIND 2	13INR0059b	HRFDWIND_JRDWIND2	DEAF SMITH	WIND	PANHANDLE	2015	153.6
459	KEECHI WIND 138 KV JOPLIN	14INR0049_2	KEECHI_U1	JACK	WIND	NORTH	2014	110.0
460	KING MOUNTAIN NE	00INR0025	KING_NE_KINGNE	UPTON	WIND	WEST	2001	79.3
461	KING MOUNTAIN NW	00INR0025	KING_NW_KINGNW	UPTON	WIND	WEST	2001	79.3
462	KING MOUNTAIN SE	00INR0025	KING_SE_KINGSE	UPTON	WIND	WEST	2001	40.3
463	KING MOUNTAIN SW	00INR0025	KING_SW_KINGSW	UPTON	WIND	WEST	2001	79.3
464	LANGFORD WIND POWER	10INR0026	LGD_LANGFORD	TOM GREEN	WIND	WEST	2009	155.0
465	LONE STAR WIND 1 (MESQUITE)	04INR0011d	LNCRK_G83	SHACKELFORI	WIND	WEST	2006	200.0
466	LONE STAR WIND 2 (POST OAK) U1	04INR0011a	LNCRK2_G871	SHACKELFORI	WIND	WEST	2007	100.0
467	LONE STAR WIND 2 (POST OAK) U2	04INR0011a	LNCRK2_G872	SHACKELFORI	WIND	WEST	2007	100.0
468	LORAINE WINDPARK I	09INR0047	LONEWOLF_G1	MITCHELL	WIND	WEST	2009	49.5
469	LORAINE WINDPARK II	09INR0047	LONEWOLF_G2	MITCHELL	WIND	WEST	2009	51.0
470	LORAINE WINDPARK III	09INR0047	LONEWOLF_G3	MITCHELL	WIND	WEST	2011	25.5
471	LORAINE WINDPARK IV	09INR0047	LONEWOLF_G4	MITCHELL	WIND	WEST	2011	24.0
472	MESQUITE CREEK WIND 1	09INR0051	MESQCRK_WND1	DAWSON	WIND	WEST	2015	105.6
473	MESQUITE CREEK WIND 2	09INR0051	MESQCRK_WND2	DAWSON	WIND	WEST	2015	105.6
474	MIAMI WIND G1	14INR0012a	MIAM1_G1	GRAY	WIND	PANHANDLE	2014	144.3
475	MIAMI WIND G2	14INR0012a	MIAM1_G2	GRAY	WIND	PANHANDLE	2014	144.3
476	MCADOO WIND FARM	08INR0028	MWEC_G1	DICKENS	WIND	PANHANDLE	2008	150.0
477	NOTREES WIND FARM 1	07INR0005	NWF_NWF1	WINKLER	WIND	WEST	2009	92.6
478	NOTREES WIND FARM 2	07INR0005	NWF_NWF2	WINKLER	WIND	WEST	2009	60.0
479	OCOTILLO WIND FARM	04INR0017	OWF_OWF	HOWARD	WIND	WEST	2008	58.8
480	PANHANDLE WIND 1 U1	14INR0030a_2	PH1_UNIT1	CARSON	WIND	PANHANDLE	2014	109.2
481	PANHANDLE WIND 1 U2	14INR0030a_2	PH1_UNIT2	CARSON	WIND	PANHANDLE	2014	109.2
482	PANHANDLE WIND 2 U1	14INR0030b	PH2_UNIT1	CARSON	WIND	PANHANDLE	2014	94.2
483	PANHANDLE WIND 2 U2	14INR0030b	PH2_UNIT2	CARSON	WIND	PANHANDLE	2014	96.6

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
484	PANTHER CREEK 1	07INR0022	PC_NORTH_PANTHER1	HOWARD	WIND	WEST	2008	142.5
485	PANTHER CREEK 2	08INR0037	PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	2008	115.5
486	PANTHER CREEK 3	11INR0015	PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	2009	199.5
487	PECOS WIND (WOODWARD 1)	01INR0035	WOODWRD1_WOODWRD1	PECOS	WIND	WEST	2001	82.5
488	PECOS WIND (WOODWARD 2)	01INR0035	WOODWRD2_WOODWRD2	PECOS	WIND	WEST	2001	77.2
489	PYRON WIND FARM	07INR0045a	PYR_PYRON1	SCURRY	WIND	WEST	2008	249.0
490	RED CANYON WIND	05INR0017	RDCANYON_RDCNY1	BORDEN	WIND	WEST	2006	84.0
491	ROSCOE WIND FARM	07INR0045e	TKWSW1_ROSCOE	NOLAN	WIND	WEST	2008	209.0
492	SAND BLUFF WIND FARM	05INR0019	MCDLD_SBW1	GLASSCOCK	WIND	WEST	2008	90.0
493	SENATE WIND	08INR0011	SENATEWD_UNIT1	JACK	WIND	NORTH	2012	150.0
494	SHERBINO I WIND	06INR0012a	KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0
495	SHERBINO 2 WIND	06INR0012b	KEO_SHRBINO2	PECOS	WIND	WEST	2011	147.5
496	SILVER STAR WIND	03INR0034	FLTCK_SSI	EASTLAND	WIND	NORTH	2008	60.0
497	SNYDER WIND FARM	04INR0020	ENAS_ENA1	SCURRY	WIND	WEST	2007	63.0
498	SOUTH TRENT WIND FARM	07INR0029	STWF_T1	NOLAN	WIND	WEST	2008	98.2
499	SPINNING SPUR WIND TWO	13INR0048	SSPURTWO_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0
500	STANTON WIND ENERGY	07INR0010	SWEC_G1	MARTIN	WIND	WEST	2008	120.0
501	STEPHENS RANCH WIND 1	12INR0034a	SRWE1_UNIT1	BORDEN	WIND	WEST	2014	211.2
502	SWEETWATER WIND 1	01INR0036	SWEETWND_WND1	NOLAN	WIND	WEST	2003	36.6
503	SWEETWATER WIND 2A	01INR0036	SWEETWN2_WND24	NOLAN	WIND	WEST	2006	15.9
504	SWEETWATER WIND 2B	01INR0036	SWEETWN2_WND2	NOLAN	WIND	WEST	2004	97.5
505	SWEETWATER WIND 3A	01INR0036	SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	28.5
506	SWEETWATER WIND 3B	01INR0036	SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	100.5
507	SWEETWATER WIND 4-5	07INR0023	SWEETWN4_WND5	NOLAN	WIND	WEST	2007	79.2
508	SWEETWATER WIND 4-4B	07INR0023	SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	103.7
509	SWEETWATER WIND 4-4A	07INR0023	SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	117.8
510	TEXAS BIG SPRING WIND a		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7
511	TEXAS BIG SPRING WIND b		SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6
512	TRENT WIND FARM	01INR0038	TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
513	TRINITY HILLS WIND 1	08INR0062	TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	117.5
514	TRINITY HILLS WIND 2	08INR0062	TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	107.5
515	TURKEY TRACK WIND ENERGY CENTER	07INR0011	TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
516	WEST TEXAS WIND ENERGY		SW_MESA_SW_MESA	UPTON	WIND	WEST	1999	80.3
517	WHIRLWIND ENERGY	07INR0003	WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0
518	WHITETAIL WIND ENERGY	11INR0091	EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	91.0
519	WINDTHORST 2	13INR0057	WNDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6
520	WKN MOZART WIND	09INR0061	MOZART_WIND_1	KENT	WIND	WEST	2012	30.0
521	WOLF RIDGE WIND	07INR0034	WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5
522	TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND	WEST	2008	2.0
523	WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0
524	**Wind Capacity Sub-total (Non-Coastal Counties)**							**11,379.4**
525								
526	GULF WIND I	05INR0015a	TGW_T1	KENEDY	WIND	COASTAL	2010	141.6
527	GULF WIND II	05INR0015a	TGW_T2	KENEDY	WIND	COASTAL	2010	141.6

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
528	LOS VIENTOS WIND I	11INR0033	LV1_LV1A	WILLACY	WIND	COASTAL	2013	200.1
529	LOS VIENTOS WIND II	11INR0033	LV1_LV1B	WILLACY	WIND	COASTAL	2013	201.6
530	MAGIC VALLEY WIND (REDFISH) 1A	10INR0060	REDFISH_MV1A	WILLACY	WIND	COASTAL	2012	99.8
531	MAGIC VALLEY WIND (REDFISH) 1B	10INR0060	REDFISH_MV1B	WILLACY	WIND	COASTAL	2012	103.5
532	PAPALOTE CREEK WIND FARM	08INR0012a	PAP1_PAP1	SAN PATRICIO	WIND	COASTAL	2009	179.9
533	PAPALOTE CREEK WIND FARM II	08INR0012b	COTTON_PAP2	SAN PATRICIO	WIND	COASTAL	2010	200.1
534	PENASCAL WIND 1	06INR0022a	PENA_UNIT1	KENEDY	WIND	COASTAL	2009	160.8
535	PENASCAL WIND 2	06INR0022b	PENA_UNIT2	KENEDY	WIND	COASTAL	2009	141.6
536	PENASCAL WIND 3	06INR0022b	PENA3_UNIT3	KENEDY	WIND	COASTAL	2011	100.8
537	HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND	COASTAL	2012	9.0
538	**Wind Capacity Sub-total (Coastal Counties)**							**1,680.4**
539	**Wind Capacity Total (All Counties)**							**13,059.8**
540								
541	Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			-
542								
543	**Non-Synchronous Tie Resources**							
544	EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0
545	EAST TIE		DC_E	FANNIN		NORTH		600.0
546	LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0
547	NORTH TIE		DC_N	WILBARGER		WEST		220.0
548	SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0
549	SHARYLAND RAILROAD TIE (FUTURE)		DC_R2	HIDALGO		SOUTH		20.0
550	**Non-Synchronous Ties Total**							**1,120.0**
551	Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			516.7
552								
553	**Planned Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights**							
554	TEXAS CLEAN ENERGY PROJECT	13INR0023		ECTOR	COAL	WEST	2018	-
555	PANDA TEMPLE II CTG1	10INR0020b	PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	191.2
556	PANDA TEMPLE II CTG2	10INR0020b	PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	191.2
557	PANDA TEMPLE II STG	10INR0020b	PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	334.7
558	FGE TEXAS I	16INR0010		MITCHELL	GAS	WEST	2017	-
559	ANTELOPE STATION IC & CTG	13INR0028		HALE	GAS	PANHANDLE	2016	-
560	ECTOR COUNTY ENERGY [ECEC_G1-2]	14INR0039		ECTOR	GAS	WEST	2015	-
561	LA PALOMA ENERGY CENTER	16INR0004		CAMERON	GAS	COASTAL	2017	-
562	PHR PEAKERS [BAC_CTG1-6]	14INR0038		GALVESTON	GAS	HOUSTON	2016	-
563	SKY GLOBAL POWER ONE	16INR0057		COLORADO	GAS	SOUTH	2016	-
564	INDECK WHARTON ENERGY CENTER	15INR0023		WHARTON	GAS	SOUTH	2017	-
565	PONDERA KING PROJECT	10INR0022		HARRIS	GAS	HOUSTON	2017	-
566	PINECREST ENERGY CENTER	16INR0006		ANGELINA	GAS	NORTH	2017	-
567	STEC RED GATE IC PLANT	14INR0040		HIDALGO	GAS	SOUTH	2016	-
568	OCI ALAMO 5 SOLAR (DOWNIE RANCH) [HELIOS_UNI	15INR0036		UVALDE	SOLAR	SOUTH	2015	-
569	EAST PECOS SOLAR	16INR0073		PECOS	SOLAR	WEST	2016	-
570	OCI ALAMO 6 SOLAR	15INR0070_1		PECOS	SOLAR	WEST	2016	-
571	RE ROSEROCK SOLAR	16INR0048		PECOS	SOLAR	WEST	2016	-

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
572	SUNEDISON BUCKTHORN WESTEX (OAK SOLAR)	15INR0045		PECOS	SOLAR	WEST	2017	-
573	**Planned Capacity Total (Not Wind)**							**717.1**
574								
575	**Planned Wind Resources with Executed SGIA**							
576	STEPHENS RANCH PH 2 [SRWE1_SRWE2]	12INR0034b		BORDEN	WIND	WEST	2015	165.0
577	MARIAH WIND PH a	13INR0010a		PARMER	WIND	PANHANDLE	2016	-
578	MARIAH WIND PH b	13INR0010b		PARMER	WIND	PANHANDLE	2017	-
579	MIDWAY FARMS WIND	11INR0054		SAN PATRICIO	WIND	COASTAL	2016	-
580	LONGHORN ENERGY NORTH [LHORN_N_UNIT1-2]	14INR0023		BRISCOE	WIND	PANHANDLE	2015	200.0
581	LONGHORN ENERGY SOUTH	14INR0023b		BRISCOE	WIND	PANHANDLE	2016	-
582	GRANDVIEW PHASE 2 (CONWAY)	13INR0005b		CARSON	WIND	PANHANDLE	2016	-
583	SHANNON WIND [SHANNONW_UNIT_1]	11INR0079a		CLAY	WIND	WEST	2015	-
584	BAFFIN WIND (PENASCAL 3) [BAFFIN_UNIT1-2]	06INR0022c		KENEDY	WIND	COASTAL	2015	-
585	GUNSIGHT MOUNTAIN WIND	08INR0018		HOWARD	WIND	WEST	2015	-
586	BRISCOE WIND FARM	14INR0072		BRISCOE	WIND	PANHANDLE	2015	-
587	CAMERON COUNTY WIND	11INR0057		CAMERON	WIND	COASTAL	2015	-
588	COMANCHE RUN WIND	12INR0029		SWISHER	WIND	PANHANDLE	2016	-
589	CPV RATTLESNAKE DEN PH 1 [RSNAKE_G1-2]	13INR0020a		GLASSCOCK	WIND	WEST	2015	-
590	CPV RATTLESNAKE DEN PH 2	13INR0020b		GLASSCOCK	WIND	WEST	2016	-
591	GREEN PASTURES WIND [GPASTURE_WIND_I & II]	12INR0070		BAYLOR	WIND	WEST	2015	300.0
592	HEREFORD WIND [HRFDWIND_WIND_G & V]	13INR0059a		CASTRO	WIND	PANHANDLE	2015	200.0
593	LOGANS GAP WIND I [LGW_UNIT1-2]	13INR0050		COMANCHE	WIND	NORTH	2015	200.0
594	LOS VIENTOS III WIND [LV3_UNIT_1]	13INR0052		STARR	WIND	SOUTH	2015	200.0
595	MIAMI WIND 1b	14INR0012b		GRAY	WIND	PANHANDLE	2016	-
596	PAMPA WIND	12INR0018		GRAY	WIND	PANHANDLE	2017	-
597	PATRIOT WIND (PETRONILLA)	11INR0062		NUECES	WIND	COASTAL	2016	-
598	ROUTE 66 WIND [ROUTE_66_WIND1]	14INR0032a		RANDALL	WIND	PANHANDLE	2015	-
599	SENDERO WIND ENERGY	12INR0068		JIM HOGG	WIND	SOUTH	2015	-
600	SOUTH PLAINS WIND I [SPLAIN1_WIND1-2]	14INR0025a		FLOYD	WIND	PANHANDLE	2015	-
601	SOUTH PLAINS WIND II	14INR0025b		FLOYD	WIND	PANHANDLE	2016	-
602	SPINNING SPUR 3 [SSPURTWO_SS3WIND1-2]	14INR0053		OLDHAM	WIND	PANHANDLE	2015	-
603	WAKE WIND ENERGY	14INR0047		DICKENS	WIND	PANHANDLE	2015	-
604	CAPROCK WIND	10INR0009		CASTRO	WIND	PANHANDLE	2017	-
605	JAVELINA WIND ENERGY	13INR0055		ZAPATA	WIND	SOUTH	2015	-
606	LOS VIENTOS IV WIND	15INR0037		STARR	WIND	SOUTH	2016	-
607	LOS VIENTOS V WIND	15INR0021		STARR	WIND	SOUTH	2015	-
608	PALO DURO WIND	15INR0050		DEAF SMITH	WIND	PANHANDLE	2016	-
609	PANHANDLE WIND PH 3	14INR0030c		CARSON	WIND	PANHANDLE	2016	-
610	PULLMAN ROAD WIND	15INR0079		RANDALL	WIND	PANHANDLE	2016	-
611	SALT FORK WIND	14INR0062		GRAY	WIND	PANHANDLE	2016	-
612	SCANDIA WIND PH d	13INR0010d		PARMER	WIND	PANHANDLE	2016	-
613	SCANDIA WIND PH e	13INR0010e		PARMER	WIND	PANHANDLE	2016	-
614	SCANDIA WIND PH f	13INR0010f		PARMER	WIND	PANHANDLE	2016	-
615	SAN ROMAN WIND	14INR0013		CAMERON	WIND	COASTAL	2016	-

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
616	CHANGING WINDS	13INR0045		CASTRO	WIND	PANHANDLE	2016	-
617	ELECTRA WIND	16INR0062		WILBARGER	WIND	WEST	2016	-
618	SOUTH PLAINS WIND III	14INR0025c		FLOYD	WIND	PANHANDLE	2016	-
619	TORRECILLAS WIND A	14INR0045a		WEBB	WIND	SOUTH	2016	-
620	TORRECILLAS WIND B	14INR0045b		WEBB	WIND	SOUTH	2016	-
621	**Planned Wind Capacity Total**							**1,265.0**
622								
623	**Planned Wind Capacity Sub-total (Non-Coastal Counties)**							**1,265.0**
624	**Planned Wind Capacity Sub-total (by Coastal County)**							
625			CAMERON_NEW_WIND	CAMERON	WIND	COASTAL		-
626			WILLACY_NEW_WIND	WILLACY	WIND	COASTAL		-
627			KENEDY_NEW_WIND	KENEDY	WIND	COASTAL		-
628			KLEBERG_NEW_WIND	KLEBERG	WIND	COASTAL		-
629			NUECES_NEW_WIND	NUECES	WIND	COASTAL		-
630			SAN_PATRICIO_NEW_WIND	SAN PATRICIO	WIND	COASTAL		-
631			REFUGIO_NEW_WIND	REFUGIO	WIND	COASTAL		-
632			ARANSAS_NEW_WIND	ARANSAS	WIND	COASTAL		-
633			CALHOUN_NEW_WIND	CALHOUN	WIND	COASTAL		-
634			MATAGORDA_NEW_WIND	MATAGORDA	WIND	COASTAL		-
635			BRAZORIA_NEW_WIND	BRAZORIA	WIND	COASTAL		-
636	**Planned Wind Capacity Sub-total (All Coastal Counties)**							**-**
637								
638	**Mothballed Resources**							
639	SILAS RAY CTG 5		SILASRAY_SILAS_5	CAMERON	GAS	COASTAL	1953	10.0
640	J T DEELY U1 (MOTHBALLED)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	2018	-
641	J T DEELY U2 (MOTHBALLED)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	2018	-
642	S R BERTRON CTG 2		SRB_SRBGT_2	HARRIS	GAS	HOUSTON	1967	13.0
643	S R BERTRON U1		SRB_SRB_G1	HARRIS	GAS	HOUSTON	1958	118.0
644	S R BERTRON U2		SRB_SRB_G2	HARRIS	GAS	HOUSTON	1956	174.0
645	S R BERTRON U3		SRB_SRB_G3	HARRIS	GAS	HOUSTON	1959	211.0
646	S R BERTRON U4		SRB_SRB_G4	HARRIS	GAS	HOUSTON	1960	211.0
647	**Total Mothballed Capacity**							**737.0**
648								
649	**Seasonal Mothballed Resources**							
650	MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	805.0
651	MONTICELLO U1		MNSES_UNIT1	TITUS	COAL	NORTH	1974	535.0
652	MONTICELLO U2		MNSES_UNIT2	TITUS	COAL	NORTH	1975	535.0
653	**Total Seasonal Mothballed Capacity**							**1,875.0**
654								
655	**Retiring Resources Unavailable to ERCOT**							
656	NORTH TEXAS CTG 1		NTX_NTX_1	PARKER	GAS	NORTH	1958	18.0
657	NORTH TEXAS CTG 2		NTX_NTX_2	PARKER	GAS	NORTH	1958	18.0
658	NORTH TEXAS CTG 3		NTX_NTX_3	PARKER	GAS	NORTH	1963	39.0
659	PERMIAN BASIN SES U6		PBSES_UNIT6	WARD	GAS	WEST	1973	515.0

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	2015
660	VALLEY SES U1		VLSES_UNIT1	FANNIN	GAS	NORTH	1962	174.0
661	VALLEY SES U2		VLSES_UNIT2	FANNIN	GAS	NORTH	1967	520.0
662	VALLEY SES U3		VLSES_UNIT3	FANNIN	GAS	NORTH	1971	375.0
663	**Total Retiring Capacity**							**1,659.0**

Release Date: May 4, 2015

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.