

PRELIMINARY
Seasonal Assessment of Resource Adequacy for the ERCOT Region
Spring 2016

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 2016).

This SARA report reflects our spring 2016 peak forecast based on current expectations for average weather. The report also includes a forecast of 8,591 MW of unit outages based on historical outage data since the start of the Texas Nodal Market in 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.

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

Seasonal Assessment of Resource Adequacy for the ERCOT Region
Spring 2016 - Preliminary
Release Date: November 2, 2015

Forecasted Capacity and Demand

Operational Resources (excluding wind), MW	66,755	Based on current ratings reported through the unit registration process
Switchable Capacity Total, MW	3,702	Rated capacity of resources that can interconnect with other regions and are available to ERCOT
less Switchable Capacity Unavailable to ERCOT, MW	(470)	Based on survey responses of Switchable Resource owners
Mothball Resources, MW	0	Based on seasonal Mothball units plus Probability of Return responses of Mothball Resource owners
Private Use Network Capacity Contribution, MW	4,433	Average capability of the top 20 hours in the winter peak seasons for the past three years
Non-Coastal Wind Resources Capacity Contribution, MW	2,287	Based on 18% of rated capacity for non-coastal wind resources per Nodal Protocols Section 3.2.6.2.2
Coastal Wind Resources Capacity Contribution, MW	622	Based on 37% of rated capacity for coastal wind resources per Nodal Protocols Section 3.2.6.2.2
RMR Resources to be under Contract, MW	0	No RMR resources currently under contract
Non-Synchronous Ties Capacity Contribution, MW	371	Average capability of the top 20 hours in the winter peak seasons for the past three years
Planned Resources (not wind), MW	102	Based on projected dates provided by developers of generation resources
Planned Non-Coastal Wind, MW	268	Based on projected dates and 18% of rated capacity for non-coastal wind resources
Planned Coastal Wind, MW	136	Based on projected dates and 37% of rated capacity for coastal wind resources
[a] Total Resources, MW	78,206	
[b] Peak Demand, MW	57,579	May peak forecast based on average weather conditions using weather data from 2002 – 2014
[c] Reserve Capacity [a - b], MW	20,627	

Range of Potential Scenarios

	Extreme Gen			
	Forecasted Season	Extreme Gen Outages During Peak	Outages During Peak Maintenance	
	Peak Load (May)	Maintenance Season (March-April)	Season / Extreme Peak Load	
Seasonal Load Adjustment		(8,416)	(2,351)	Adjustments reflect April peak forecast for average and 90th percentile weather conditions.
Typical May Maintenance Outages	5,545	5,545	5,545	Based on historical average of planned outages for May weekdays.
Typical May Forced Outages	3,046	3,046	3,046	Based on historical average of forced outages for May weekdays.
Incremental Unit Outages to Reflect April Peak Maintenance Season		7,735	7,735	Incremental outages based on historical average of forced and planned maintenance outages for April weekdays, hours ending 3 pm -8 pm (starting August 2010).
[d] Total Uses of Reserve Capacity	8,591	7,910	13,975	
[e] Capacity Available for Operating Reserves (c-d), MW Less than 2,300 MW indicates risk of EEA1	12,036	12,717	6,652	

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION		UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
	PROJECT CODE							
Operational Resources								
4 COMANCHE PEAK U1			CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1,227.0
5 COMANCHE PEAK U2			CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1,214.0
6 SOUTH TEXAS U1			STP_STP_G1	MATAGORDA	NUCLEAR	COASTAL	1988	1,318.0
7 SOUTH TEXAS U2			STP_STP_G2	MATAGORDA	NUCLEAR	COASTAL	1989	1,325.0
8 BIG BROWN U1			BBSES_UNIT1	FREESTONE	COAL	NORTH	1971	606.0
9 BIG BROWN U2			BBSES_UNIT2	FREESTONE	COAL	NORTH	1972	602.0
10 COLETO CREEK			COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	660.0
11 FAYETTE POWER U1			FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	608.0
12 FAYETTE POWER U2			FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	608.0
13 FAYETTE POWER U3			FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	448.0
14 GIBBONS CREEK U1			GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0
15 J K SPRUCE U1			CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	560.0
16 J K SPRUCE U2		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 U3			MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0
22 MONTICELLO U1			MNSES_UNIT1	TITUS	COAL	NORTH	1974	572.0
23 MONTICELLO U2			MNSES_UNIT2	TITUS	COAL	NORTH	1975	572.0
24 MONTICELLO U3			MNSES_UNIT3	TITUS	COAL	NORTH	1978	795.0
25 OAK GROVE SES U1		09INR0006a	OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	840.0
26 OAK GROVE SES U2		09INR0006b	OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	825.0
27 OKLAUNION U1			OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
28 SAN MIGUEL U1			SANMIGL_SANMIGG1	ATASCOSA	COAL	SOUTH	1982	391.0
29 SANDOW U5		08INR0003	SD5SES_UNIT5	MILAM	COAL	SOUTH	2010	600.0
30 SANDY CREEK U1			SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	970.0
31 TWIN OAKS U1			TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	158.0
32 TWIN OAKS U2			TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	158.0
33 W A PARISH U5			WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	659.0
34 W A PARISH U6			WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	658.0
35 W A PARISH U7			WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0
36 W A PARISH U8			WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0
37 ARTHUR VON ROSENBERG 1 CTG 1		00INR0017	BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	149.0
38 ARTHUR VON ROSENBERG 1 CTG 2		00INR0017	BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	149.0
39 ARTHUR VON ROSENBERG 1 STG		00INR0017	BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	160.0
40 BARNEY M DAVIS REPOWER CTG 3		09INR0038	B_DAVIS_B_DAVIG3	NUECES	GAS	COASTAL	2010	161.0
41 BARNEY M DAVIS REPOWER CTG 4		09INR0038	B_DAVIS_B_DAVIG4	NUECES	GAS	COASTAL	2010	161.0
42 BARNEY M DAVIS REPOWER STG 2			B_DAVIS_B_DAVIG2	NUECES	GAS	COASTAL	1976	322.0
43 BASTROP ENERGY CENTER CTG 1		01INR0021	BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	157.0
44 BASTROP ENERGY CENTER CTG 2		01INR0021	BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	157.0
45 BASTROP ENERGY CENTER STG		01INR0021	BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	236.0
46 BOSQUE ENERGY CENTER CTG 1		00INR0018	BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	161.8
47 BOSQUE ENERGY CENTER STG 4		00INR0028	BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	83.6
48 BOSQUE ENERGY CENTER CTG 2		00INR0018	BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	161.8
49 BOSQUE ENERGY CENTER CTG 3		00INR0018	BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	160.6
50 BOSQUE ENERGY CENTER STG 5		08INR0046	BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	222.4
51 BRAZOS VALLEY CTG 1		01INR0031	BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	169.0
52 BRAZOS VALLEY CTG 2		01INR0031	BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	169.0
53 BRAZOS VALLEY STG 3		01INR0031	BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
54 CAENERGY-FALCON SEABOARD CTG 1			FLCNS_UNIT1	HOWARD	GAS	WEST	1987	77.0
55 CAENERGY-FALCON SEABOARD CTG 2			FLCNS_UNIT2	HOWARD	GAS	WEST	1987	77.0
56 CAENERGY-FALCON SEABOARD STG 3			FLCNS_UNIT3	HOWARD	GAS	WEST	1988	71.0
57 CEDAR BAYOU 4 CTG 1		08INR0035	CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	168.0
58 CEDAR BAYOU 4 CTG 2		08INR0035	CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	168.0
59 CEDAR BAYOU 4 STG		08INR0035	CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	182.0
60 COLORADO BEND ENERGY CENTER CTG 1		06INR0035b	CBEC_GT1	WHARTON	GAS	SOUTH	2007	74.0
61 COLORADO BEND ENERGY CENTER CTG 2		06INR0035b	CBEC_GT2	WHARTON	GAS	SOUTH	2007	67.0
62 COLORADO BEND ENERGY CENTER STG 1		06INR0035b	CBEC_STG1	WHARTON	GAS	SOUTH	2007	100.0
63 COLORADO BEND ENERGY CENTER CTG 3		06INR0035a	CBEC_GT3	WHARTON	GAS	SOUTH	2008	73.0
64 COLORADO BEND ENERGY CENTER CTG 4		06INR0035a	CBEC_GT4	WHARTON	GAS	SOUTH	2008	68.0
65 COLORADO BEND ENERGY CENTER STG 2		06INR0035a	CBEC_STG2	WHARTON	GAS	SOUTH	2008	105.0
66 CVC CHANNELVIEW CTG 1		02INR0004	CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	169.0
67 CVC CHANNELVIEW CTG 2		02INR0004	CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	175.0
68 CVC CHANNELVIEW CTG 3		02INR0004	CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	176.0
69 CVC CHANNELVIEW STG 5		02INR0004	CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	146.0
70 DEER PARK ENERGY CENTER CTG 1		02INR0020	DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	190.0
71 DEER PARK ENERGY CENTER CTG 2		02INR0020	DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	202.0
72 DEER PARK ENERGY CENTER CTG 3		02INR0020	DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	190.0
73 DEER PARK ENERGY CENTER CTG 4		02INR0020	DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	202.0
74 DEER PARK ENERGY CENTER STG		02INR0020	DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	290.0
75 DEER PARK ENERGY CENTER CTG 6		14INR0015	DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	174.0
76 ENNIS POWER STATION CTG 2		01INR0008	ETCCS_CT1	ELLIS	GAS	NORTH	2002	240.0
77 ENNIS POWER STATION STG 1		01INR0008	ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	124.0
78 FERGUSON REPLACEMENT CTG1		13INR0021	FERGCC_FERGCT1	LLANO	GAS	SOUTH	2014	175.9
79 FERGUSON REPLACEMENT CTG2		13INR0021	FERGCC_FERGCT2	LLANO	GAS	SOUTH	2014	175.9
80 FERGUSON REPLACEMENT STG		13INR0021	FERGCC_FERGST1	LLANO	GAS	SOUTH	2014	196.9
81 FORNEY ENERGY CENTER CTG 11		01INR0007	FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	178.0

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
82 FORNEY ENERGY CENTER CTG 12	01INR0007	FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	170.0
83 FORNEY ENERGY CENTER CTG 13	01INR0007	FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	170.0
84 FORNEY ENERGY CENTER CTG 21	01INR0007	FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	178.0
85 FORNEY ENERGY CENTER CTG 22	01INR0007	FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	170.0
86 FORNEY ENERGY CENTER CTG 23	01INR0007	FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	170.0
87 FORNEY ENERGY CENTER STG 10	01INR0007	FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	420.0
88 FORNEY ENERGY CENTER STG 20	01INR0007	FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	420.0
89 FREESTONE ENERGY CENTER CTG 1	01INR0009	FREC_GT1	FREESTONE	GAS	NORTH	2002	156.2
90 FREESTONE ENERGY CENTER CTG 2	01INR0009	FREC_GT2	FREESTONE	GAS	NORTH	2002	156.2
91 FREESTONE ENERGY CENTER STG 3	01INR0009	FREC_ST3	FREESTONE	GAS	NORTH	2002	178.0
92 FREESTONE ENERGY CENTER CTG 4	01INR0009	FREC_GT4	FREESTONE	GAS	NORTH	2002	156.5
93 FREESTONE ENERGY CENTER CTG 5	01INR0009	FREC_GT5	FREESTONE	GAS	NORTH	2002	156.5
94 FREESTONE ENERGY CENTER STG 6	01INR0009	FREC_ST6	FREESTONE	GAS	NORTH	2002	177.1
95 GUADALUPE ENERGY CENTER CTG 1	01INR0004	GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	158.0
96 GUADALUPE ENERGY CENTER CTG 2	01INR0004	GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	158.0
97 GUADALUPE ENERGY CENTER CTG 3	01INR0004	GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	158.0
98 GUADALUPE ENERGY CENTER CTG 4	01INR0004	GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	158.0
99 GUADALUPE ENERGY CENTER STG 5	01INR0004	GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	200.0
100 GUADALUPE ENERGY CENTER STG 6	01INR0004	GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	200.0
101 HAYS ENERGY FACILITY CSG 1	01INR0003	HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	220.0
102 HAYS ENERGY FACILITY CSG 2	01INR0003	HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	220.0
103 HAYS ENERGY FACILITY CSG 3	01INR0003	HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	228.0
104 HAYS ENERGY FACILITY CSG 4	01INR0003	HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	228.0
105 HIDALGO ENERGY CENTER CTG 1	00INR0006	DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	143.0
106 HIDALGO ENERGY CENTER CTG 2	00INR0006	DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	143.0
107 HIDALGO ENERGY CENTER STG	00INR0006	DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	172.0
108 JACK COUNTY GEN FACILITY CTG 1	05INR0010	JACKCNTY_CT1	JACK	GAS	NORTH	2005	150.0
109 JACK COUNTY GEN FACILITY CTG 2	05INR0010	JACKCNTY_CT2	JACK	GAS	NORTH	2005	150.0
110 JACK COUNTY GEN FACILITY STG 1	05INR0010	JACKCNTY_STG	JACK	GAS	NORTH	2005	285.0
111 JACK COUNTY GEN FACILITY CTG 3	10INR0010	JCKCNTY2_CT3	JACK	GAS	NORTH	2011	150.0
112 JACK COUNTY GEN FACILITY CTG 4	10INR0010	JCKCNTY2_CT4	JACK	GAS	NORTH	2011	150.0
113 JACK COUNTY GEN FACILITY STG 2	10INR0010	JCKCNTY2_ST2	JACK	GAS	NORTH	2011	285.0
114 JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1997	163.0
115 JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
116 LAMAR ENERGY CENTER CTG 11	00INR0008	LPCCS_CT11	LAMAR	GAS	NORTH	2000	171.0
117 LAMAR ENERGY CENTER CTG 12	00INR0008	LPCCS_CT12	LAMAR	GAS	NORTH	2000	161.0
118 LAMAR ENERGY CENTER CTG 21	00INR0008	LPCCS_CT21	LAMAR	GAS	NORTH	2000	161.0
119 LAMAR ENERGY CENTER CTG 22	00INR0008	LPCCS_CT22	LAMAR	GAS	NORTH	2000	166.0
120 LAMAR ENERGY CENTER STG 1	00INR0008	LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
121 LAMAR ENERGY CENTER STG 2	00INR0008	LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
122 LOST PINES POWER CTG 1	02INR0005	LOSTPL_LOSTPGT1	BASTROP	GAS	SOUTH	2001	183.0
123 LOST PINES POWER CTG 2	02INR0005	LOSTPL_LOSTPGT2	BASTROP	GAS	SOUTH	2001	175.0
124 LOST PINES POWER STG	02INR0005	LOSTPL_LOSTPST1	BASTROP	GAS	SOUTH	2001	192.0
125 MAGIC VALLEY STATION CTG 1	00INR0009	NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	213.6
126 MAGIC VALLEY STATION CTG 2	00INR0009	NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	213.6
127 MAGIC VALLEY STATION STG	00INR0009	NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	255.5
128 MIDLOTHIAN ENERGY FACILITY CS 1	00INR0012	MDANP_CT1	ELLIS	GAS	NORTH	2001	235.0
129 MIDLOTHIAN ENERGY FACILITY CS 2	00INR0012	MDANP_CT2	ELLIS	GAS	NORTH	2001	235.0
130 MIDLOTHIAN ENERGY FACILITY CS 3	00INR0012	MDANP_CT3	ELLIS	GAS	NORTH	2001	235.0
131 MIDLOTHIAN ENERGY FACILITY CS 4	00INR0012	MDANP_CT4	ELLIS	GAS	NORTH	2001	235.0
132 MIDLOTHIAN ENERGY FACILITY CS 5	02INR0008	MDANP_CT5	ELLIS	GAS	NORTH	2002	252.0
133 MIDLOTHIAN ENERGY FACILITY CS 6	02INR0008	MDANP_CT6	ELLIS	GAS	NORTH	2002	252.0
134 NUECES BAY REPOWER CTG 8	09INR0039	NUECES_B_NUECESG8	NUECES	GAS	COASTAL	2010	161.0
135 NUECES BAY REPOWER CTG 9	09INR0039	NUECES_B_NUECESG9	NUECES	GAS	COASTAL	2010	161.0
136 NUECES BAY REPOWER STG 7		NUECES_B_NUECESG7	NUECES	GAS	COASTAL	1972	322.0
137 ODESSA-ECTOR POWER CTG 11	01INR0026	OECCS_CT11	ECTOR	GAS	WEST	2001	156.8
138 ODESSA-ECTOR POWER CTG 12	01INR0026	OECCS_CT12	ECTOR	GAS	WEST	2001	145.8
139 ODESSA-ECTOR POWER CTG 21	01INR0026	OECCS_CT21	ECTOR	GAS	WEST	2001	150.2
140 ODESSA-ECTOR POWER CTG 22	01INR0026	OECCS_CT22	ECTOR	GAS	WEST	2001	147.9
141 ODESSA-ECTOR POWER STG 1	01INR0026	OECCS_UNIT1	ECTOR	GAS	WEST	2001	216.0
142 ODESSA-ECTOR POWER STG 2	01INR0026	OECCS_UNIT2	ECTOR	GAS	WEST	2001	216.0
143 PANDA SHERMAN POWER CTG1	10INR0021	PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	218.5
144 PANDA SHERMAN POWER CTG2	10INR0021	PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	218.5
145 PANDA SHERMAN POWER STG	10INR0021	PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	353.1
146 PANDA TEMPLE I POWER CTG1	10INR0020a	PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	218.5
147 PANDA TEMPLE I POWER CTG2	10INR0020a	PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	218.5
148 PANDA TEMPLE I POWER STG	10INR0020a	PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	353.1
149 PANDA TEMPLE II POWER CTG1	10INR0020b	PANDA_T2_TMPL2CT1	BELL	GAS	NORTH	2015	218.5
150 PANDA TEMPLE II POWER CTG2	10INR0020b	PANDA_T2_TMPL2CT2	BELL	GAS	NORTH	2015	218.5
151 PANDA TEMPLE II POWER STG	10INR0020b	PANDA_T2_TMPL2ST1	BELL	GAS	NORTH	2015	353.1
152 PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	86.0
153 PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	86.0
154 PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	87.0
155 PASADENA COGEN FACILITY CTG 2	00INR0014	PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	170.0
156 PASADENA COGEN FACILITY CTG 3	00INR0014	PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	170.0
157 PASADENA COGEN FACILITY STG 2	00INR0014	PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	168.0
158 QUAIL RUN ENERGY CTG 1	06INR0036b	QALSW_GT1	ECTOR	GAS	WEST	2007	80.0
159 QUAIL RUN ENERGY CTG 2	06INR0036b	QALSW_GT2	ECTOR	GAS	WEST	2007	80.0
160 QUAIL RUN ENERGY STG 1	06INR0036b	QALSW_STG1	ECTOR	GAS	WEST	2007	98.0

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
161 QUAIL RUN ENERGY CTG 3	06INR0036a	QALSW_GT3	ECTOR	GAS	WEST	2008	80.0
162 QUAIL RUN ENERGY CTG 4	06INR0036a	QALSW_GT4	ECTOR	GAS	WEST	2008	80.0
163 QUAIL RUN ENERGY STG 2	06INR0036a	QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
164 RIO NOGALES POWER CTG 1	02INR0001	RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	162.0
165 RIO NOGALES POWER CTG 2	02INR0001	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	162.0
166 RIO NOGALES POWER CTG 3	02INR0001	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	162.0
167 RIO NOGALES POWER STG 4	02INR0001	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
168 SAM RAYBURN POWER CTG 7	03INR0014	RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
169 SAM RAYBURN POWER CTG 8	03INR0014	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	51.0
170 SAM RAYBURN POWER CTG 9	03INR0014	RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
171 SAM RAYBURN POWER STG 10	03INR0014	RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
172 SANDHILL ENERGY CENTER CTG 5A	03INR0033	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	160.0
173 SANDHILL ENERGY CENTER STG 5C	03INR0033	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	150.0
174 SILAS RAY POWER STG 6		SILASRAY_SILAS_6	CAMERON	GAS	COASTAL	1962	20.0
175 SILAS RAY POWER CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	COASTAL	1996	40.0
176 T H WHARTON POWER CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	1972	57.0
177 T H WHARTON POWER CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	1972	57.0
178 T H WHARTON POWER CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	1972	57.0
179 T H WHARTON POWER CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	1972	57.0
180 T H WHARTON POWER STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	1974	104.0
181 T H WHARTON POWER CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	1972	57.0
182 T H WHARTON POWER CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	1972	57.0
183 T H WHARTON POWER CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	1974	57.0
184 T H WHARTON POWER CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	1974	57.0
185 T H WHARTON POWER STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	1974	104.0
186 TEXAS CITY POWER CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	100.6
187 TEXAS CITY POWER CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	100.6
188 TEXAS CITY POWER CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	100.6
189 TEXAS CITY POWER STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.5
190 VICTORIA POWER CTG 6	08INR0050	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	171.0
191 VICTORIA POWER STG 5	08INR0050	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	132.0
192 WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	20.0
193 WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	20.0
194 WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	20.0
195 WICHITA FALLS CTG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	17.0
196 WISE-TRACTEBEL POWER CTG 1	02INR0009	WCPP_CT1	WISE	GAS	NORTH	2004	212.0
197 WISE-TRACTEBEL POWER CTG 2	02INR0009	WCPP_CT2	WISE	GAS	NORTH	2004	212.0
198 WISE-TRACTEBEL POWER STG 1	02INR0009	WCPP_ST1	WISE	GAS	NORTH	2004	241.0
199 WOLF HOLLOW POWER CTG 1	01INR0015	WHCCS_CT1	HOOD	GAS	NORTH	2002	227.0
200 WOLF HOLLOW POWER CTG 2	01INR0015	WHCCS_CT2	HOOD	GAS	NORTH	2002	227.0
201 WOLF HOLLOW POWER STG	01INR0015	WHCCS_STG	HOOD	GAS	NORTH	2002	286.0
202 ATKINS CTG 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	19.0
203 DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	46.5
204 DANSBY CTG 3	09INR0072	DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	48.5
205 DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	50.0
206 DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	50.0
207 DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	50.0
208 DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	50.0
209 DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	75.0
210 DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	74.0
211 DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	73.0
212 DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	72.0
213 ECTOR COUNTY ENERGY CTG 1	14INR0039	ECEC_G1	ECTOR	GAS	WEST	2015	153.6
214 ECTOR COUNTY ENERGY CTG 2	14INR0039	ECEC_G2	ECTOR	GAS	WEST	2015	153.6
215 EXTEX LAPORTE GEN STN CTG 1	01INR0044	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	42.0
216 EXTEX LAPORTE GEN STN CTG 2	01INR0044	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	42.0
217 EXTEX LAPORTE GEN STN CTG 3	01INR0044	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	42.0
218 EXTEX LAPORTE GEN STN CTG 4	01INR0044	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	42.0
219 GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	54.0
220 GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	54.0
221 GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	54.0
222 GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	58.0
223 GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	64.0
224 GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	54.0
225 GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.4
226 GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.4
227 GREENVILLE IC ENGINE PLANT	10INR0070	STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.4
228 LAREDO CTG 4	08INR0064	LARDVFTN_G4	WEBB	GAS	SOUTH	2008	92.9
229 LAREDO CTG 5	08INR0064	LARDVFTN_G5	WEBB	GAS	SOUTH	2008	90.1
230 LEON CREEK PEAKER CTG 1	04INR0009	LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	48.0
231 LEON CREEK PEAKER CTG 2	04INR0009	LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	48.0
232 LEON CREEK PEAKER CTG 3	04INR0009	LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	48.0
233 LEON CREEK PEAKER CTG 4	04INR0009	LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	48.0
234 MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	77.0
235 MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	77.0
236 MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	77.0
237 MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	77.0
238 MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	77.0
239 MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	77.0

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
240 PEARSALL IC ENGINE PLANT A	09INR0079a	PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
241 PEARSALL IC ENGINE PLANT B	09INR0079a	PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
242 PEARSALL IC ENGINE PLANT C	09INR0079b	PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
243 PEARSALL IC ENGINE PLANT D	09INR0079b	PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
244 PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	69.0
245 PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	67.0
246 PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	71.0
247 PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	72.0
248 PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	72.0
249 R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	2000	104.0
250 R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	2000	104.0
251 RAY OLINGER CTG 4	00INR0024	OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	75.0
252 SAM RAYBURN CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	13.5
253 SAM RAYBURN CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	13.5
254 SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	81.0
255 SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	81.0
256 SANDHILL ENERGY CENTER CTG 1	01INR0041	SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	47.0
257 SANDHILL ENERGY CENTER CTG 2	01INR0041	SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	47.0
258 SANDHILL ENERGY CENTER CTG 3	01INR0041	SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	47.0
259 SANDHILL ENERGY CENTER CTG 4	01INR0041	SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	47.0
260 SANDHILL ENERGY CENTER CTG 6	09INR0045	SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	47.0
261 SANDHILL ENERGY CENTER CTG 7	09INR0045	SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	47.0
262 SILAS RAY CTG 10	04INR0014	SILASRAY_SILAS_10	CAMERON	GAS	COASTAL	2004	46.0
263 T H WHARTON CTG 51		THW_THWGT51	HARRIS	GAS	HOUSTON	1975	57.0
264 T H WHARTON CTG 52		THW_THWGT52	HARRIS	GAS	HOUSTON	1975	57.0
265 T H WHARTON CTG 53		THW_THWGT53	HARRIS	GAS	HOUSTON	1975	57.0
266 T H WHARTON CTG 54		THW_THWGT54	HARRIS	GAS	HOUSTON	1975	57.0
267 T H WHARTON CTG 55		THW_THWGT55	HARRIS	GAS	HOUSTON	1975	57.0
268 T H WHARTON CTG 56		THW_THWGT56	HARRIS	GAS	HOUSTON	1975	57.0
269 T H WHARTON CTG G1		THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0
270 TEXAS GULF SULPHUR		TGF_TGFGT_1	WHARTON	GAS	SOUTH	1985	89.0
271 V H BRAUNIG CTG 5	09INR0028	BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
272 V H BRAUNIG CTG 6	09INR0028	BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
273 V H BRAUNIG CTG 7	09INR0028	BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
274 V H BRAUNIG CTG 8	09INR0028	BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	47.0
275 W A PARISH CTG 1		WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	1967	13.0
276 W A PARISH - PETRA NOVA CTG	12INR0086	PNPI_GT2	FORT BEND	GAS	HOUSTON	2013	80.0
277 WINCHESTER POWER PARK CTG 1	09INR0027	WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	44.0
278 WINCHESTER POWER PARK CTG 2	09INR0027	WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	44.0
279 WINCHESTER POWER PARK CTG 3	09INR0027	WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	44.0
280 WINCHESTER POWER PARK CTG 4	09INR0027	WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	44.0
281 B M DAVIS STG U1		B_DAVIS_B_DAVIG1	NUECES	GAS	COASTAL	1974	330.0
282 CEDAR BAYOU STG U1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
283 CEDAR BAYOU STG U2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
284 DANSBY STG U1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	108.5
285 DECKER CREEK STG U1		DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	320.0
286 DECKER CREEK STG U2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	428.0
287 GRAHAM STG U1		GRSES_UNIT1	YOUNG	GAS	WEST	1960	234.0
288 GRAHAM STG U2		GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
289 GREENS BAYOU STG U5		GBY_GBY_5	HARRIS	GAS	HOUSTON	1973	371.0
290 HANDLEY STG U3		HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
291 HANDLEY STG U4		HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
292 HANDLEY STG U5		HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
293 LAKE HUBBARD STG U1		LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
294 LAKE HUBBARD STG U2		LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	523.0
295 MOUNTAIN CREEK STG U6		MCSES_UNIT6	DALLAS	GAS	NORTH	1956	122.0
296 MOUNTAIN CREEK STG U7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	118.0
297 MOUNTAIN CREEK STG U8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	568.0
298 O W SOMMERS STG U1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
299 O W SOMMERS STG U2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	410.0
300 PEARSALL STG U1		PEARSALL_PEAR_S_1	FRIO	GAS	SOUTH	1961	20.0
301 PEARSALL STG U2		PEARSALL_PEAR_S_2	FRIO	GAS	SOUTH	1961	23.0
302 PEARSALL STG U3		PEARSALL_PEAR_S_3	FRIO	GAS	SOUTH	1961	21.0
303 POWERLANE PLANT STG U1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	20.0
304 POWERLANE PLANT STG U2		STEAM_STEAM_2	HUNT	GAS	NORTH	1967	26.0
305 POWERLANE PLANT STG U3		STEAM_STEAM_3	HUNT	GAS	NORTH	1978	41.0
306 R W MILLER STG U1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	2000	75.0
307 R W MILLER STG U2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	2000	120.0
308 R W MILLER STG U3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	2000	208.0
309 RAY OLINGER STG U1		OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
310 RAY OLINGER STG U2		OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0
311 RAY OLINGER STG U3		OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
312 SIM GIDEON STG U1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
313 SIM GIDEON STG U2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	133.0
314 SIM GIDEON STG U3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	336.0
315 SPENCER STG U4		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	61.0
316 SPENCER STG U5		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0
317 STRYKER CREEK STG U1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0
318 STRYKER CREEK STG U2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
319 TRINIDAD STG U6		TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	235.0
320 V H BRAUNIG STG U1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	220.0
321 V H BRAUNIG STG U2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
322 V H BRAUNIG STG U3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
323 W A PARISH STG U1		WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0
324 W A PARISH STG U2		WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0
325 W A PARISH STG U3		WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	246.0
326 W A PARISH STG U4		WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	552.0
327 NACOGDOCHES POWER	09INR0007	NACPW_UNIT1	NACOGDOCHE	BIOMASS	NORTH	2012	105.0
328 LUFKIN BIOMASS	08INR0033	LFBIO_UNIT1	ANGELINA	BIOMASS	NORTH	2012	45.0
329 BIOENERGY AUSTIN WALZEM RD LFG		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8
330 BIOENERGY TEXAS COVEL GARDENS LFG		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
331 FORT WORTH METHANE LFG		DG_RDMLM_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6
332 GRAND PRAIRIE LFG		DG_TRIRA_1UNIT	DALLAS	BIOMASS	NORTH	2015	4.0
333 MCKINNEY LFG		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2
334 NELSON GARDENS LFG		DG_78252_4UNITS	BEXAR	BIOMASS	SOUTH	2013	4.2
335 SKYLINE LFG		DG_FERIS_4 UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
336 TRINITY OAKS LFG		DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2
337 VIRIDIS ENERGY-ALVIN LFG		DG_AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7
338 VIRIDIS ENERGY-HUMBLE LFG		DG_HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
339 VIRIDIS ENERGY-LIBERTY LFG		DG_LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
340 VIRIDIS ENERGY-TRINITY BAY LFG		DG_TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
341 WM RENEWABLE-AUSTIN LFG		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
342 WM RENEWABLE-DFW GAS RECOVERY LFG		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
343 WM RENEWABLE-BIOENERGY PARTNERS LFG		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
344 WM RENEWABLE-MESQUITE CREEK LFG		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
345 WM RENEWABLE-WESTSIDE LFG		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
346 NOTREES BATTERY FACILITY	12INR0076	NWF_NBS	WINKLER	STORAGE	WEST	2012	-
347 Operational Capacity Total (Nuclear, Coal, Gas, Biomass)							66,705.2
348							
349 Operational Resources (Hydro)							
350 AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE	HYDRO	WEST	1983	37.9
351 AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE	HYDRO	WEST	1983	37.9
352 AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS	HYDRO	SOUTH	1940	8.0
353 AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS	HYDRO	SOUTH	1940	9.0
354 BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO	HYDRO	SOUTH	1938	16.0
355 BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO	HYDRO	SOUTH	1938	16.0
356 BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO	HYDRO	SOUTH	1950	17.0
357 DENISON DAM 1		DNDAM_DENISOG1	GRAYSON	HYDRO	NORTH	1944	40.0
358 DENISON DAM 2		DNDAM_DENISOG2	GRAYSON	HYDRO	NORTH	1948	40.0
359 FALCON HYDRO 1		FALCON_FALCONG1	STARR	HYDRO	SOUTH	1954	12.0
360 FALCON HYDRO 2		FALCON_FALCONG2	STARR	HYDRO	SOUTH	1954	12.0
361 FALCON HYDRO 3		FALCON_FALCONG3	STARR	HYDRO	SOUTH	1954	12.0
362 GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET	HYDRO	SOUTH	1951	29.0
363 GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET	HYDRO	SOUTH	1951	29.0
364 INKS HYDRO 1		INKSDA_INKS_G1	LLANO	HYDRO	SOUTH	1938	14.0
365 MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET	HYDRO	SOUTH	1951	21.0
366 MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET	HYDRO	SOUTH	1951	20.0
367 MARSHALL FORD HYDRO 1		MARSFO_MARSF0G1	TRAVIS	HYDRO	SOUTH	1941	36.0
368 MARSHALL FORD HYDRO 2		MARSFO_MARSF0G2	TRAVIS	HYDRO	SOUTH	1941	36.0
369 MARSHALL FORD HYDRO 3		MARSFO_MARSF0G3	TRAVIS	HYDRO	SOUTH	1941	29.0
370 WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE	HYDRO	NORTH	1953	24.0
371 WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE	HYDRO	NORTH	1953	24.0
372 ARLINGTON OUTLET HYDROELECTRIC FACILITY		DG_OAKHL_1UNIT	TARRANT	HYDRO	NORTH	2014	1.4
373 EAGLE PASS HYDRO		DG_EAGLE_HY_EAGLE_	MAVERICK	HYDRO	SOUTH	2005	9.6
374 GUADALUPE BLANCO RIVER AUTH-CANYON		DG_CANYHY_CANYHYG	COMAL	HYDRO	SOUTH	1989	6.0
375 GUADALUPE BLANCO RIVER AUTH-LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES	HYDRO	SOUTH	1931	4.8
376 GUADALUPE BLANCO RIVER AUTH-MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE	HYDRO	SOUTH	1928	7.7
377 GUADALUPE BLANCO RIVER AUTH-SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE	HYDRO	SOUTH	1928	3.6
378 LEWISVILLE HYDRO-CITY OF GARLAND		DG_LWSVL_1UNIT	DENTON	HYDRO	NORTH	1991	2.2
379 Operational Capacity Total (Hydro)							555.1
380 Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT					52.0
381							
382 Operational Resources (Solar)							
383 ACACIA SOLAR	13DGR0001	ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
384 FS BARILLA SOLAR-PECOS	12INR0059	HOVEY_UNIT1	PECOS	SOLAR	WEST	2014	22.0
385 OCI ALAMO 1 SOLAR	13INR0058	OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
386 OCI ALAMO 4 SOLAR-BRACKETVILLE	14INR0024	ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
387 WEBBERVILLE SOLAR	10INR0082	WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
388 BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
389 BLUE WING 2 SOLAR		DG_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
390 OCI ALAMO 2 SOLAR-ST. HEDWIG		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4
391 OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5
392 RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSERVSS_CCS1	DENTON	SOLAR	NORTH	2015	2.0
393 SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
394 SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
395 SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
396 SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
397 Operational Capacity Total (Solar)							192.7

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
398 Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				100.0
399							
400 Operational Capacity Unavailable due to Extended Outage or Derate		OPERATION_UNAVAIL		GAS			(195.0)
401 Operational Capacity Total (Including Hydro & Solar)		OPERATION_TOTAL					66,754.9
402							
403 Switchable Resources							
404 TENASKA KIAMICHI STATION 1CT101	03INR0012	KMCHI_1CT101	FANNIN	GAS	NORTH	2003	178.0
405 TENASKA KIAMICHI STATION 1CT201	03INR0012	KMCHI_1CT201	FANNIN	GAS	NORTH	2003	180.0
406 TENASKA KIAMICHI STATION 1ST	03INR0012	KMCHI_1ST	FANNIN	GAS	NORTH	2003	307.0
407 TENASKA KIAMICHI STATION 2CT101	03INR0012	KMCHI_2CT101	FANNIN	GAS	NORTH	2003	178.0
408 TENASKA KIAMICHI STATION 2CT201	03INR0012	KMCHI_2CT201	FANNIN	GAS	NORTH	2003	180.0
409 TENASKA KIAMICHI STATION 2ST	03INR0012	KMCHI_2ST	FANNIN	GAS	NORTH	2003	307.0
410 TENASKA FRONTIER STATION CTG 1	00PSR4	FTR_FTR_G1	GRIMES	GAS	NORTH	2000	180.0
411 TENASKA FRONTIER STATION CTG 2	00PSR4	FTR_FTR_G2	GRIMES	GAS	NORTH	2000	180.0
412 TENASKA FRONTIER STATION CTG 3	00PSR4	FTR_FTR_G3	GRIMES	GAS	NORTH	2000	180.0
413 TENASKA FRONTIER STATION CTG 4	00PSR4	FTR_FTR_G4	GRIMES	GAS	NORTH	2000	400.0
414 TENASKA GATEWAY STATION CTG 1	01INR0019	TGCCS_CT1	RUSK	GAS	NORTH	2001	162.0
415 TENASKA GATEWAY STATION CTG 2	01INR0019	TGCCS_CT2	RUSK	GAS	NORTH	2001	179.0
416 TENASKA GATEWAY STATION CTG 3	01INR0019	TGCCS_CT3	RUSK	GAS	NORTH	2001	178.0
417 TENASKA GATEWAY STATION CTG 4	01INR0019	TGCCS_UNIT4	RUSK	GAS	NORTH	2001	389.0
418 FRONTERA GENERATION CTG 1		FRONTERA_FRONTG1	HIDALGO	GAS	SOUTH	1999	170.0
419 FRONTERA GENERATION CTG 2		FRONTERA_FRONTG2	HIDALGO	GAS	SOUTH	1999	170.0
420 FRONTERA GENERATION CTG 3		FRONTERA_FRONTG3	HIDALGO	GAS	SOUTH	2000	184.0
421 Switchable Capacity Total							3,702.0
422							
423 Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL		GAS			(470.0)
424							
425 Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL		COAL			-
426							
427 Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			4,433.0
428							
429 Wind Resources							
430 ANACACHO WIND	12INR0072	ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8
431 BARTON CHAPEL WIND	06INR0021	BRTSW_BCW1	JACK	WIND	NORTH	2007	120.0
432 BLUE SUMMIT WIND 5	12INR0075	BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0
433 BLUE SUMMIT WIND 6	12INR0075	BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4
434 BOBCAT BLUFF WIND	08INR0049	BCATWIND_WIND_1	ARCHER	WIND	WEST	2012	150.0
435 BUFFALO GAP WIND 1	04INR0015	BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6
436 BUFFALO GAP WIND 2_1	06INR0037	BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5
437 BUFFALO GAP WIND 2_2	06INR0037	BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0
438 BUFFALO GAP WIND 3	07INR0030	BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2008	170.2
439 BULL CREEK WIND U1	07INR0037	BULLCRK_WND1	BORDEN	WIND	WEST	2009	88.0
440 BULL CREEK WIND U2	07INR0037	BULLCRK_WND2	BORDEN	WIND	WEST	2009	90.0
441 CALLAHAN WIND	04INR0013	CALLAHAN_WND1	CALLAHAN	WIND	WEST	2004	114.0
442 CAMP SPRINGS WIND 1	06INR0038	CSEC_CSECG1	SCURRY	WIND	WEST	2007	130.5
443 CAMP SPRINGS WIND 2	07INR0040	CSEC_CSECG2	SCURRY	WIND	WEST	2007	120.0
444 CAPRICORN RIDGE WIND 1	07INR0018	CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5
445 CAPRICORN RIDGE WIND 2	07INR0041	CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0
446 CAPRICORN RIDGE WIND 3	07INR0041	CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5
447 CAPRICORN RIDGE WIND 4	08INR0063	CAPRIDGE_CR4	COKE	WIND	WEST	2008	112.5
448 CEDRO HILL WIND 1	09INR0082	CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0
449 CEDRO HILL WIND 2	09INR0082	CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0
450 CHAMPION WIND	07INR0045d	CHAMPION_UNIT1	NOLAN	WIND	WEST	2008	126.5
451 DESERT SKY WIND 1		INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0
452 DESERT SKY WIND 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5
453 ELBOW CREEK WIND	08INR0053	ELB_ELBECREEK	HOWARD	WIND	WEST	2008	118.7
454 FOREST CREEK WIND	05INR0019	MCDLD_FCW1	GLASSCOCK	WIND	WEST	2007	124.2
455 GOAT WIND	07INR0028	GOAT_GOATWIND	STERLING	WIND	WEST	2008	80.0
456 GOAT WIND 2	07INR0028b	GOAT_GOATWIND2	STERLING	WIND	WEST	2010	69.6
457 GOLDTHWAITE WIND 1	11INR0013	GWEC_GWEC_G1	MILLS	WIND	NORTH	2014	148.6
458 GRANDVIEW WIND 1 (CONWAY) GV1A	13INR0005a	GRANDVW1_GV1A	CARSON	WIND	PANHANDLE	2014	107.4
459 GRANDVIEW WIND 1 (CONWAY) GV1B	13INR0005a	GRANDVW1_GV1B	CARSON	WIND	PANHANDLE	2014	103.8
460 GREEN MOUNTAIN WIND (BRAZOS) U1	03INR0020	BRAZ_WND_WND1	SCURRY	WIND	WEST	2003	99.0
461 GREEN MOUNTAIN WIND (BRAZOS) U2	03INR0020	BRAZ_WND_WND2	SCURRY	WIND	WEST	2003	61.0
462 HACKBERRY WIND	04INR0011e	HWF_HWFG1	SHACKELFORD	WIND	WEST	2008	163.5
463 HEREFORD WIND G	13INR0059a	HRFDWIND_WIND_G	DEAF SMITH	WIND	PANHANDLE	2015	99.9
464 HEREFORD WIND V	13INR0059a	HRFDWIND_WIND_V	DEAF SMITH	WIND	PANHANDLE	2015	100.0
465 HORSE HOLLOW WIND 1	05INR0018b	H_HOLLOW_WND1	TAYLOR	WIND	WEST	2005	206.6
466 HORSE HOLLOW WIND 2	05INR0018a	HHOLLOW2_WND1	TAYLOR	WIND	WEST	2006	158.0
467 HORSE HOLLOW WIND 3	06INR0040	HHOLLOW3_WND_1	TAYLOR	WIND	WEST	2006	208.0
468 HORSE HOLLOW WIND 4	06INR0040	HHOLLOW4_WND1	TAYLOR	WIND	WEST	2006	108.0
469 INADALE WIND	07INR0045b	INDL_INADALE1	NOLAN	WIND	WEST	2008	196.6
470 INDIAN MESA WIND	00INR0022	INDNENR_INDNNWP	PECOS	WIND	WEST	2001	82.5
471 JUMBO ROAD WIND 1	13INR0059b	HRFDWIND_JRDWIND1	DEAF SMITH	WIND	PANHANDLE	2015	146.2
472 JUMBO ROAD WIND 2	13INR0059b	HRFDWIND_JRDWIND2	DEAF SMITH	WIND	PANHANDLE	2015	153.6
473 KEECHI WIND 138 KV JOPLIN	14INR0049_2	KEECHI_U1	JACK	WIND	NORTH	2014	110.0
474 KING MOUNTAIN WIND (NE)	00INR0025	KING_NE_KINGNE	UPTON	WIND	WEST	2001	79.3
475 KING MOUNTAIN WIND (NW)	00INR0025	KING_NW_KINGNW	UPTON	WIND	WEST	2001	79.3
476 KING MOUNTAIN WIND (SE)	00INR0025	KING_SE_KINGSE	UPTON	WIND	WEST	2001	40.3

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION		COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
	PROJECT CODE	UNIT CODE					
477 KING MOUNTAIN WIND (SW)	00INR0025	KING_SW_KINGSW	UPTON	WIND	WEST	2001	79.3
478 LANGFORD WIND POWER	10INR0026	LGD_LANGFORD	TOM GREEN	WIND	WEST	2009	155.0
479 LOGANS GAP WIND I U1	13INR0050	LGW_UNIT1	COMANCHE	WIND	NORTH	2015	103.8
480 LOGANS GAP WIND I U2	13INR0050	LGW_UNIT2	COMANCHE	WIND	NORTH	2015	106.3
481 LONE STAR WIND 1 (MESQUITE)	04INR0011d	LNCRK_G83	SHACKELFORE	WIND	WEST	2006	200.0
482 LONE STAR WIND 2 (POST OAK) U1	04INR0011a	LNCRK2_G871	SHACKELFORE	WIND	WEST	2007	100.0
483 LONE STAR WIND 2 (POST OAK) U2	04INR0011a	LNCRK2_G872	SHACKELFORE	WIND	WEST	2007	100.0
484 LONGHORN WIND NORTH U1	14INR0023	LHORN_N_UNIT1	FLOYD	WIND	PANHANDLE	2015	100.0
485 LONGHORN WIND NORTH U2	14INR0023	LHORN_N_UNIT2	FLOYD	WIND	PANHANDLE	2015	100.0
486 LORAIN WINDPARK I	09INR0047	LONEWOLF_G1	MITCHELL	WIND	WEST	2009	49.5
487 LORAIN WINDPARK II	09INR0047	LONEWOLF_G2	MITCHELL	WIND	WEST	2009	51.0
488 LORAIN WINDPARK III	09INR0047	LONEWOLF_G3	MITCHELL	WIND	WEST	2011	25.5
489 LORAIN WINDPARK IV	09INR0047	LONEWOLF_G4	MITCHELL	WIND	WEST	2011	24.0
490 MESQUITE CREEK WIND 1	09INR0051	MESQCRK_WND1	DAWSON	WIND	WEST	2015	105.6
491 MESQUITE CREEK WIND 2	09INR0051	MESQCRK_WND2	DAWSON	WIND	WEST	2015	105.6
492 MIAMI WIND G1	14INR0012a	MIAM1_G1	GRAY	WIND	PANHANDLE	2014	144.3
493 MIAMI WIND G2	14INR0012a	MIAM1_G2	GRAY	WIND	PANHANDLE	2014	144.3
494 MCADOO WIND	08INR0028	MWEC_G1	DICKENS	WIND	PANHANDLE	2008	150.0
495 NOTREES WIND 1	07INR0005	NWF_NWF1	WINKLER	WIND	WEST	2009	92.6
496 NOTREES WIND 2	07INR0005	NWF_NWF2	WINKLER	WIND	WEST	2009	60.0
497 OCOTILLO WIND	04INR0017	OWF_OWF	HOWARD	WIND	WEST	2008	58.8
498 PANHANDLE WIND 1 U1	14INR0030a_2	PH1_UNIT1	CARSON	WIND	PANHANDLE	2014	109.2
499 PANHANDLE WIND 1 U2	14INR0030a_2	PH1_UNIT2	CARSON	WIND	PANHANDLE	2014	109.2
500 PANHANDLE WIND 2 U1	14INR0030b	PH2_UNIT1	CARSON	WIND	PANHANDLE	2014	94.2
501 PANHANDLE WIND 2 U2	14INR0030b	PH2_UNIT2	CARSON	WIND	PANHANDLE	2014	96.6
502 PANTHER CREEK WIND 1	07INR0022	PC_NORTH_PANTHER1	HOWARD	WIND	WEST	2008	142.5
503 PANTHER CREEK WIND 2	08INR0037	PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	2008	115.5
504 PANTHER CREEK WIND 3	11INR0015	PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	2009	199.5
505 PECOS WIND 1 (WOODWARD)	01INR0035	WOODWRD1_WOODWR	PECOS	WIND	WEST	2001	82.5
506 PECOS WIND 2 (WOODWARD)	01INR0035	WOODWRD2_WOODWR	PECOS	WIND	WEST	2001	77.2
507 PYRON WIND	07INR0045a	PYR_PYRON1	SCURRY	WIND	WEST	2008	249.0
508 RATTLESNAKE DEN WIND PHASE 1 G1	13INR0020a	RSNAKE_G1	GLASSCOCK	WIND	WEST	2015	104.3
509 RATTLESNAKE DEN WIND PHASE 1 G2	13INR0020a	RSNAKE_G2	GLASSCOCK	WIND	WEST	2015	103.0
510 RED CANYON WIND	05INR0017	RDCANYON_RDCNY1	BORDEN	WIND	WEST	2006	84.0
511 ROSCOE WIND	07INR0045e	TKWSW1_ROSCOE	NOLAN	WIND	WEST	2008	209.0
512 ROUTE 66 WIND	14INR0032a	ROUTE_66_WIND1	CARSON	WIND	PANHANDLE	2015	150.0
513 SAND BLUFF WIND	05INR0019	MCDLD_SBW1	GLASSCOCK	WIND	WEST	2008	90.0
514 SENATE WIND	08INR0011	SENATEWD_UNIT1	JACK	WIND	NORTH	2012	150.0
515 SHERBINO 1 WIND	06INR0012a	KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0
516 SHERBINO 2 WIND	06INR0012b	KEO_SHRBINO2	PECOS	WIND	WEST	2011	147.5
517 SILVER STAR WIND	03INR0034	FLTCK_SSI	EASTLAND	WIND	NORTH	2008	60.0
518 SNYDER WIND	04INR0020	ENAS_ENA1	SCURRY	WIND	WEST	2007	63.0
519 SOUTH TRENT WIND	07INR0029	STWF_T1	NOLAN	WIND	WEST	2008	98.2
520 SPINNING SPUR WIND TWO	13INR0048	SSPURW2_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0
521 SPINNING SPUR 3 [WIND 1]	14INR0053	SSPURW2_SS3WIND1	OLDHAM	WIND	PANHANDLE	2015	96.0
522 SPINNING SPUR 3 [WIND 2]	14INR0053	SSPURW2_SS3WIND2	OLDHAM	WIND	PANHANDLE	2015	98.0
523 STANTON WIND ENERGY	07INR0010	SWEC_G1	MARTIN	WIND	WEST	2008	120.0
524 STEPHENS RANCH WIND 1	12INR0034a	SRWE1_UNIT1	BORDEN	WIND	WEST	2014	211.2
525 STEPHENS RANCH WIND 2	12INR0034b	SRWE1_SRWE2	BORDEN	WIND	WEST	2015	164.7
526 SWEETWATER WIND 1	01INR0036	SWEETWND_WND1	NOLAN	WIND	WEST	2003	36.6
527 SWEETWATER WIND 2A	01INR0036	SWEETWN2_WND24	NOLAN	WIND	WEST	2006	15.9
528 SWEETWATER WIND 2B	01INR0036	SWEETWN2_WND2	NOLAN	WIND	WEST	2004	97.5
529 SWEETWATER WIND 3A	01INR0036	SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	28.5
530 SWEETWATER WIND 3B	01INR0036	SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	100.5
531 SWEETWATER WIND 4-5	07INR0023	SWEETWN4_WND5	NOLAN	WIND	WEST	2007	79.2
532 SWEETWATER WIND 4-4B	07INR0023	SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	103.7
533 SWEETWATER WIND 4-4A	07INR0023	SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	117.8
534 TEXAS BIG SPRING WIND a		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7
535 TEXAS BIG SPRING WIND b		SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6
536 TRENT WIND	01INR0038	TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
537 TRINITY HILLS WIND 1	08INR0062	TRINITY_TH1_BUS1	YOUNG	WIND	WEST	2012	117.5
538 TRINITY HILLS WIND 2	08INR0062	TRINITY_TH1_BUS2	YOUNG	WIND	WEST	2012	107.5
539 TURKEY TRACK WIND	07INR0011	TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
540 WEST TEXAS WIND		SW_MESA_SW_MESA	UPTON	WIND	WEST	1999	80.3
541 WHIRLWIND ENERGY	07INR0003	WEC_WECG1	FLOYD	WIND	PANHANDLE	2007	57.0
542 WHITTAIL WIND	11INR0091	EXGNWTL_WIND_1	WEBB	WIND	SOUTH	2012	91.0
543 WINDTHORST 2 WIND	13INR0057	WINDTHST2_UNIT1	ARCHER	WIND	WEST	2014	67.6
544 WKN MOZART WIND	09INR0061	MOZART_WIND_1	KENT	WIND	WEST	2012	30.0
545 WOLF RIDGE WIND	07INR0034	WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5
546 TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND	WEST	2008	2.0
547 WOLF FLATS WIND (WIND MGT)		DG_TURL_UNIT1	HALL	WIND	PANHANDLE	2007	1.0
548 Operational Wind Capacity Sub-total (Non-Coastal Counties)							12,705.4
549 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PEAK_PCT_NC	%				18.0
550							
551 GULF WIND I	05INR0015a	TGW_T1	KENEDY	WIND-C	COASTAL	2010	141.6
552 GULF WIND II	05INR0015a	TGW_T2	KENEDY	WIND-C	COASTAL	2010	141.6
553 LOS VIENTOS WIND I	11INR0033	LV1_LV1A	WILLACY	WIND-C	COASTAL	2013	200.1
554 LOS VIENTOS WIND II	11INR0033	LV1_LV1B	WILLACY	WIND-C	COASTAL	2013	201.6
555 MAGIC VALLEY WIND (REDFISH) 1A	10INR0060	REDFISH_MV1A	WILLACY	WIND-C	COASTAL	2012	99.8

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION		COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
	PROJECT CODE	UNIT CODE					
556 MAGIC VALLEY WIND (REDFISH) 1B	10INR0060	REDFISH_MV1B	WILLACY	WIND-C	COASTAL	2012	103.5
557 PAPALOTE CREEK WIND	08INR0012a	PAP1_PAP1	SAN PATRICIO	WIND-C	COASTAL	2009	179.9
558 PAPALOTE CREEK WIND II	08INR0012b	COTTON_PAP2	SAN PATRICIO	WIND-C	COASTAL	2010	200.1
559 PENASCAL WIND 1	06INR0022a	PENA_UNIT1	KENEDY	WIND-C	COASTAL	2009	160.8
560 PENASCAL WIND 2	06INR0022b	PENA_UNIT2	KENEDY	WIND-C	COASTAL	2009	141.6
561 PENASCAL WIND 3	06INR0022b	PENA3_UNIT3	KENEDY	WIND-C	COASTAL	2011	100.8
562 HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND-C	COASTAL	2012	9.0
563 Operational Wind Capacity Sub-total (Coastal Counties)							1,680.4
564 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				37.0
565							
566 Operational Wind Capacity Total (All Counties)		WIND_OPERATIONAL					14,385.8
567							
568 Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			-
569							
570 Non-Synchronous Tie Resources							
571 EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0
572 EAST TIE		DC_E	FANNIN		NORTH		600.0
573 LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0
574 NORTH TIE		DC_N	WILBARGER		WEST		220.0
575 SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0
576 SHARYLAND RAILROAD TIE 2		DC_R2	HIDALGO		SOUTH		150.0
577 Non-Synchronous Ties Total							1,250.0
578 Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DC_TIE_CAP_CONT		OTHER			371.4
579							
580 Planned Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights							
581 TEXAS CLEAN ENERGY PROJECT	13INR0023		ECTOR	COAL	WEST	2018	-
582 FGE TEXAS I PROJECT	16INR0010		MITCHELL	GAS	WEST	2017	-
583 GSEC ANTELOPE 1-3 IC & ELK 1 CTG (SWITCHABLE)	13INR0028		HALE	GAS	PANHANDLE	2016	-
584 LA PALOMA ENERGY CENTER PROJECT	16INR0004		CAMERON	GAS	COASTAL	2018	-
585 PHR PEAKERS [BAC_C TG1-6]	14INR0038		GALVESTON	GAS	HOUSTON	2016	-
586 SKY GLOBAL POWER ONE	16INR0057		COLORADO	GAS	SOUTH	2016	-
587 INDECK WHARTON ENERGY CENTER	15INR0023		WHARTON	GAS	SOUTH	2017	-
588 PONDERA KING PROJECT	10INR0022		HARRIS	GAS	HOUSTON	2017	-
589 PINECREST ENERGY CENTER PROJECT	16INR0006		ANGELINA	GAS	NORTH	2017	-
590 STEC RED GATE IC PLANT	14INR0040		HIDALGO	GAS	SOUTH	2016	-
591 GSEC ELK STATION CTG 2 (SWITCHABLE)	15INR0032		HALE	GAS	PANHANDLE	2016	-
592 GSEC ELK STATION CTG 3	15INR0033		HALE	GAS	PANHANDLE	2016	-
593 BETHEL CAES	15INR0013		ANDERSON	STORAGE	NORTH	2018	-
594 Planned Capacity Total (Coal, Gas & Storage)							-
595							
596 Planned Solar Resources with Executed SGIA							
597 FS BARILLA SOLAR 1B [HOVEY_UNIT2]	12INR0059b		PECOS	SOLAR	WEST	2015	7.4
598 FS BARILLA SOLAR 2	12INR0059c		PECOS	SOLAR	WEST	2016	-
599 OCI ALAMO 5 (DOWNIE RANCH) [HELIOS_UNIT1]	15INR0036		UVALDE	SOLAR	SOUTH	2015	95.0
600 RE ROSEROCK SOLAR	16INR0048		PECOS	SOLAR	WEST	2016	-
601 OCI ALAMO 6 (WEST TEXAS)	15INR0070_1		PECOS	SOLAR	WEST	2016	-
602 OCI ALAMO 6 (WEST TEXAS PHASE II)	15INR0070_1b		PECOS	SOLAR	WEST	2016	-
603 SE BUCKTHORN WESTEX SOLAR (OAK)	15INR0045		PECOS	SOLAR	WEST	2017	-
604 FS EAST PECOS SOLAR	16INR0073		PECOS	SOLAR	WEST	2016	-
605 OCI ALAMO 7 (PAINT CREEK)	16INR0052		HASKELL	SOLAR	WEST	2016	-
606 LC NAZARETH SOLAR	16INR0049		CASTRO	SOLAR	PANHANDLE	2016	-
607 PECOS SOLAR POWER I	15INR0059		PECOS	SOLAR	WEST	2017	-
608 BNB LAMESA SOLAR	16INR0023		DAWSON	SOLAR	WEST	2016	-
609 CAPRICORN RIDGE SOLAR	16INR0019		COKE	SOLAR	WEST	2016	-
610 UPCO POWER 1 (SP-TX-12)	16INR0065		UPTON	SOLAR	WEST	2016	-
611 Planned Capacity Total (Solar)							102.4
612							
613 Planned Wind Resources with Executed SGIA							
614 GUNSIGHT MOUNTAIN WIND	08INR0018		HOWARD	WIND	WEST	2016	-
615 BAFFIN WIND [BAFFIN_UNIT1-2]	06INR0022c		KENEDY	WIND-C	COASTAL	2015	202.0
616 MIDWAY FARMS WIND	11INR0054		SAN PATRICIO	WIND-C	COASTAL	2016	-
617 LONGHORN WIND SOUTH	14INR0023b		BRISCOE	WIND	PANHANDLE	2016	-
618 MARIAH WIND A	13INR0010a		PARMER	WIND	PANHANDLE	2016	-
619 MARIAH WIND B	13INR0010b		PARMER	WIND	PANHANDLE	2016	-
620 MIAMI WIND 1B	14INR0012b		GRAY	WIND	PANHANDLE	2016	-
621 SHANNON WIND [SHANNONW_UNIT_1]	11INR0079a		CLAY	WIND	WEST	2015	200.0
622 SENDERO WIND ENERGY [EXGNSND_WIND_1]	12INR0068		JIM HOGG	WIND	SOUTH	2015	78.0
623 RATTLESNAKE DEN WIND 2	13INR0020b		GLASSCOCK	WIND	WEST	2017	-
624 PATRIOT WIND (PETRONILLA)	11INR0062		NUECES	WIND-C	COASTAL	2016	-
625 COMANCHE RUN WIND	12INR0029		SWISHER	WIND	PANHANDLE	2016	-
626 CAMERON COUNTY WIND [CAMWIND_UNIT1]	11INR0057		CAMERON	WIND-C	COASTAL	2015	165.0
627 LOS VIENTOS III WIND [LV3_UNIT_1]	13INR0052		STARR	WIND	SOUTH	2015	200.0
628 PAMPA WIND	12INR0018		GRAY	WIND	PANHANDLE	2017	-
629 GREEN PASTURES WIND [GPASTURE_WIND_I & II]	12INR0070		KNOX	WIND	WEST	2015	300.0
630 SOUTH PLAINS WIND I [SPLAIN1_WIND1-2]	14INR0025a		FLOYD	WIND	PANHANDLE	2015	200.0
631 SOUTH PLAINS WIND II	14INR0025b		FLOYD	WIND	PANHANDLE	2016	-
632 SOUTH PLAINS WIND III	14INR0025c		FLOYD	WIND	PANHANDLE	2016	-
633 BRISCOE WIND [BRISCOE_WIND]	14INR0072		BRISCOE	WIND	PANHANDLE	2015	150.0
634 WAKE WIND	14INR0047		DICKENS	WIND	PANHANDLE	2016	-

Unit Capacities - Spring

UNIT NAME	GENERATION INTERCONNECTION		COUNTY	FUEL	ZONE	START YEAR	CAPACITY (MW)
	PROJECT CODE	UNIT CODE					
635 DOUG COLBECK'S CORNER (CONWAY)	13INR0005b		CARSON	WIND	PANHANDLE	2016	-
636 GRANDVIEW WIND 3 (CONWAY)	13INR0005c		CARSON	WIND	PANHANDLE	2016	-
637 SCANDIA WIND D	13INR0010d		PARMER	WIND	PANHANDLE	2017	-
638 SCANDIA WIND E	13INR0010e		PARMER	WIND	PANHANDLE	2017	-
639 SCANDIA WIND F	13INR0010f		PARMER	WIND	PANHANDLE	2017	-
640 PULLMAN ROAD WIND	15INR00079		RANDALL	WIND	PANHANDLE	2016	-
641 PANHANDLE WIND 3	14INR0030c		CARSON	WIND	PANHANDLE	2016	-
642 SALT FORK WIND	14INR00062		GRAY	WIND	PANHANDLE	2016	-
643 LOS VIENTOS IV WIND	15INR00037		STARR	WIND	SOUTH	2016	-
644 LOS VIENTOS V WIND [LV5_UNIT_1]	15INR00021		STARR	WIND	SOUTH	2015	110.0
645 PALO DURO WIND	15INR00050		DEAF SMITH	WIND	PANHANDLE	2016	-
646 JAVELINA WIND [BORDAS_JAVEL18 & 20]	13INR00055		ZAPATA	WIND	SOUTH	2015	250.0
647 CAPROCK WIND	10INR00009		CASTRO	WIND	PANHANDLE	2017	-
648 SAN ROMAN WIND	14INR00013		CAMERON	WIND-C	COASTAL	2016	-
649 TORRECILLAS WIND A	14INR0045a		WEBB	WIND	SOUTH	2016	-
650 TORRECILLAS WIND B	14INR0045b		WEBB	WIND	SOUTH	2016	-
651 CHANGING WINDS	13INR00045		CASTRO	WIND	PANHANDLE	2016	-
652 ELECTRA WIND	16INR00062		WILBARGER	WIND	WEST	2016	-
653 HORSE CREEK WIND	14INR00060		HASKELL	WIND	WEST	2016	-
654 WILLOW SPRINGS WIND	14INR00060b		HASKELL	WIND	WEST	2016	-
655 MUENSTER WIND	15INR00085		COOKE	WIND	NORTH	2016	-
656 HAPPY WHITEFACE WIND	15INR00074		DEAF SMITH	WIND	PANHANDLE	2016	-
657 CHAPMAN RANCH WIND I	16INR00055		NUECES	WIND-C	COASTAL	2016	-
658 HIDALGO & STARR WIND	16INR00024		HIDALGO	WIND	SOUTH	2016	-
659 BLANCO CANYON WIND (COTTON PLAINS)	16INR00037		FLOYD	WIND	PANHANDLE	2016	-
660 BLANCO CANYON WIND (OLD SETTLER)	16INR00037b		FLOYD	WIND	PANHANDLE	2016	-
661 ROCK SPRINGS VAL VERDE WIND	11INR00082a		VAL VERDE	WIND	WEST	2016	-
662 MAGIC VALLEY WIND II (REDFISH 2A)	14INR0041a		WILLACY	WIND-C	COASTAL	2016	-
663 MAGIC VALLEY WIND II (REDFISH 2B)	14INR0041b		WILLACY	WIND-C	COASTAL	2016	-
664 SALT FORK WIND 2	16INR00082		CARSON	WIND	PANHANDLE	2016	-
665 SWISHER WIND	13INR00038		SWISHER	WIND	PANHANDLE	2016	-
666 BUCKTHORN WIND 1	14INR00057		ERATH	WIND	NORTH	2016	-
667 BUCKTHORN WIND 2	14INR00057b		ERATH	WIND	NORTH	2016	-
668 Planned Capacity Total (Wind)							1,855.0
669							
670 Planned Wind Capacity Sub-total (Non-Coastal Counties)		WIND_PLANNED_NC					1,488.0
671 Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PEAK_PCT_NC	%				18.0
672							
673 Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C					367.0
674 Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				37.0
675							
676 Seasonal Mothballed Resources							
677 MARTIN LAKE U1 (SEASONAL MOTHBALL)		MLSES_UNIT1_M	RUSK	COAL	NORTH	2016	815.0
678 MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0
679 Total Seasonal Mothballed Capacity							1,635.0
680							
681 Mothballed Resources							
682 J T DEELY U1 (MOTHBALLED)		CALAVERS_JTD1_M	BEXAR	COAL	SOUTH	2018	-
683 J T DEELY U2 (MOTHBALLED)		CALAVERS_JTD2_M	BEXAR	COAL	SOUTH	2018	-
684 SILAS RAY CTG 5 (RETIRES 3/5/2016)		SILASRAY_SILAS_5	CAMERON	GAS	COASTAL	1953	10.0
685 S R BERTRON CTG 2		SRB_SRBGT_2	HARRIS	GAS	HOUSTON	1967	13.0
686 S R BERTRON U1		SRB_SRB_G1	HARRIS	GAS	HOUSTON	1958	118.0
687 S R BERTRON U2		SRB_SRB_G2	HARRIS	GAS	HOUSTON	1956	174.0
688 S R BERTRON U3		SRB_SRB_G3	HARRIS	GAS	HOUSTON	1959	211.0
689 S R BERTRON U4		SRB_SRB_G4	HARRIS	GAS	HOUSTON	1960	211.0
690 Total Mothballed Capacity							737.0

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.