Release Date: October 31, 2014

FINAL
Seasonal Assessment of Resource Adequacy for the ERCOT Region
Winter 2014/2015

SUMMARY

The ERCOT region is expected to have sufficient installed generating capacity to serve forecasted peak demands in conditions that include a historically typical amount of generation outages. Based on the results of this study, even an extreme higher-than-normal number of forced generation outages occurring during a period of unusually high demand would be unlikely to result in insufficient resources being available to serve those demands, unless those conditions coincided with extreme fuel supply curtailments.

For this final winter assessment, the peak capacity percentage applied to wind resources changed from 8.7 percent of nameplate capacity to a winter season value of 19 percent for non-Coastal resources and 36 percent for Coastal resources. This change reflects a new methodology, which is based on historical performance during peak periods and was approved by the ERCOT Board of Directors on October 14, 2014. New summer capacity percentages for wind generation will be included in the preliminary and final summer and fall SARA reports. Capacity ratings reported for most other generation resources are higher in the winter due to the effects of lower ambient temperatures.

Based on ERCOT's drought risk analysis, no changes to unit capacities due to drought conditions are anticipated or reflected over the period covered by this winter assessment. Coal plant owners also are reporting sufficient coal inventories for peak load operations this winter.

On October 23, 2014, the U.S. Court of Appeals lifted the stay on the U.S. Environmental Protection Agency's (EPA) implementation of the Cross-State Air Pollution Rule (CSAPR). Based on court filings by the EPA, the rule could go into effect as early as January 2015. Compliance planning information received in late August 2014 indicates that generation companies in the ERCOT region have not reported any anticipated changes to available generation capacity attributable to CSAPR. Resource owners will likely wait to finalize their compliance plans until they receive rule implementation details from the EPA, but it is reasonable to expect that additional coal units could be placed into seasonal mothball status when CSAPR is implemented, reducing the capacity available to serve load during the periods from September through May. ERCOT is monitoring EPA's implementation of CSAPR and potential changes to generation company compliance plans.

This system-wide winter assessment does not address localized resource adequacy concerns associated with operational transmission issues, such as the events that occurred in the Lower Rio Grande Valley in early October. ERCOT continues to work closely with transmission service providers to address electric reliability concerns associated with growth in the Valley region and other areas of ERCOT.

2014 Seasonal Assessment of Resource Adequacy for the ERCOT Region (SARA)
Winter 2014/2015 - Final
Release Date: October 31, 2014

Forecasted Capacity and Demand

Operational Resources (excluding wind), MW	66,621	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Private Use Network Capacity Contribution, MW	4,318	Average capability of the top 20 hours in the winter seasons for the past three years (2011-2013)
Capacity Contribution of Non-Coastal Wind Resources, MW	1,867	Based on 19% of installed capacity for non-coastal wind resources per ERCOT Nodal Protocols Section 3.2.6.2.2 and approved NPRR 611
Capacity Contribution of Coastal Wind Resources, MW	605	Based on 36% of installed capacity for coastal wind resources per ERCOT Nodal Protocols Section 3.2.6.2.2. and approved NPRR 611
RMR Resources to be under Contract, MW	0	No RMR Resources currently under contract
Non-Synchronous Ties Capacity Contribution, MW	495	Average capability of the top 20 hours in the winter seasons in the past three years (2011-2013)
Switchable Capacity Total, MW	3,702	Installed capacity of units that can switch to other Regions
less Switchable Capacity Unavailable to ERCOT, MW	(470)	Based on survey responses of Switchable Resource owners
Mothball Resources, MW	0	Based on Probability of Return responses of Mothball Resource owners
Planned Resources (not wind) with signed IA and Air Permit, MW	30	Based on in-service dates provided by developers of generation resources
Capacity Contribution of Planned Non-Coastal Wind with Signed IA, MW	182	Based on in-service dates provided by developers of generation resources and 19% of installed capacity for non-coastal wind resources
Capacity Contribution of Planned Coastal Wind with Signed IA, MW	0	Based on in-service dates provided by developers of generation resources and 36% of installed capacity for coastal wind resources
[a] Total Resources, MW	77,350	
[b] Peak Demand, MW	52,837	Winter peak forecast is based on normal weather conditions for 2002 – 2013
[c] Reserve Capacity [a - b], MW	24,513	

Range of Potential Risks

	Forecasted Season Peak Load	Extreme Load / Expected Generation Outages	Extreme Load / Extreme Generation Outages	
Extreme Load Adjustment for December-February Peak	-	6,805	6,805	Winter extreme peak forecast is 59,642 MW
Typical Maintenance Outages	4,151	4,151	4,151	Based on historical average of planned outages for December through February weekdays (August 2010 to October 9, 2014)
Forced Outages	3,729	7,373	7,373	Based on historical average of forced outages for December through February weekdays (August 2010 to October 9, 2014). Extreme load scenarios also include a forecast of derated unit capacity due to natural gas curtailments caused by low temperatures at the time of peak load.
90th Percentile Forced Outages	-	-	5,028	Includes a forecast of derated unit capacity due to extreme fuel supply curtailments caused by extremely low temperatures at the time of peak load
[d] Total Uses of Reserve Capacity	7,880	18,329	23,357	
[e] Capacity Available for Operating Reserves [c - d], MW Less than 2,300 MW indicates risk of EEA1	16,633	6,184	1,156	

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
Operational Resources							
COMANCHE PEAK U1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	1990	1235.0
COMANCHE PEAK U2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	1993	1225.0
SOUTH TEXAS U1		STP_STP_G1	MATAGORDA	NUCLEAR	SOUTH	1988	1350.0
SOUTH TEXAS U2		STP_STP_G2	MATAGORDA	NUCLEAR	SOUTH	1989	1354.0
BIG BROWN U1		BBSES_UNIT1	FREESTONE	COAL	NORTH	1971	606.0
BIG BROWN U2		BBSES_UNIT2	FREESTONE	COAL	NORTH	1972	602.0
COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1980	660.0
FAYETTE POWER PROJECT U1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	1979	603.0
FAYETTE POWER PROJECT U2		FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	1980	605.0
FAYETTE POWER PROJECT U3		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	1988	449.0
GIBBONS CREEK U1		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	1983	470.0
J K SPRUCE U1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1992	562.0
J K SPRUCE U2	09INR0002	CALAVERS_JKS2	BEXAR	COAL	SOUTH	2010	775.0
J T DEELY U1		CALAVERS_JTD1	BEXAR	COAL	SOUTH	1977	430.0
J T DEELY U2		CALAVERS_JTD2	BEXAR	COAL	SOUTH	1978	420.0
LIMESTONE U1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	1985	831.0
LIMESTONE U2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	1986	858.0
MARTIN LAKE U1		MLSES_UNIT1	RUSK	COAL	NORTH	1977	815.0
MARTIN LAKE U2		MLSES_UNIT2	RUSK	COAL	NORTH	1978	820.0
MONTICELLO U3		MNSES_UNIT3	TITUS	COAL	NORTH	1978	795.0
OAK GROVE SES U1	09INR0006a	OGSES_UNIT1A	ROBERTSON	COAL	NORTH	2010	840.0
OAK GROVE SES U2	09INR0006b	OGSES_UNIT2	ROBERTSON	COAL	NORTH	2011	825.0
OKLAUNION U1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	1986	650.0
SAN MIGUEL U1		SANMIGL_SANMIGG1	ATASCOSA	COAL	SOUTH	1982	391.0
SANDOW U5	08INR0003	SD5SES_UNIT5	MILAM	COAL	SOUTH	2010	570.0
SANDY CREEK U1		SCES_UNIT1	MCLENNAN	COAL	NORTH	2013	970.0
TWIN OAKS U1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	1990	158.0
TWIN OAKS U2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	1991	158.0
W A PARISH U5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	1977	659.0
W A PARISH U6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	1978	658.0
W A PARISH U7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	1980	577.0
W A PARISH U8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	1982	610.0
A VON ROSENBERG 1 CTG 1	00INR0017	BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	2000	155.0
A VON ROSENBERG 1 CTG 2	00INR0017	BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	2000	155.0
A VON ROSENBERG 1 STG	00INR0017	BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	2000	170.0
B M DAVIS CTG 3	09INR0038	B_DAVIS_B_DAVIG3	NUECES	GAS	SOUTH	2010	165.0
B M DAVIS CTG 4	09INR0038	B_DAVIS_B_DAVIG4	NUECES	GAS	SOUTH	2010	165.0
B M DAVIS STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	SOUTH	1976	320.0
BASTROP ENERGY CENTER CTG 1	01INR0021	BASTEN_GTG1100	BASTROP	GAS	SOUTH	2002	167.0
BASTROP ENERGY CENTER CTG 2	01INR0021	BASTEN_GTG2100	BASTROP	GAS	SOUTH	2002	167.0
BASTROP ENERGY CENTER STG	01INR0021	BASTEN_ST0100	BASTROP	GAS	SOUTH	2002	234.0
BOSQUE COUNTY PEAKING CTG 1	00INR0018	BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	2000	166.6

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
BOSQUE COUNTY PEAKING CTG 2	00INR0018	BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	2000	166.6
BOSQUE COUNTY PEAKING CTG 3	00INR0018	BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	2001	168.5
BOSQUE COUNTY PEAKING STG 4	00INR0028	BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	2001	85.2
BOSQUE COUNTY PEAKING STG 5	08INR0046	BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	2009	200.7
BRAZOS VALLEY CTG 1	01INR0031	BVE_UNIT1	FORT BEND	GAS	HOUSTON	2003	168.0
BRAZOS VALLEY CTG 2	01INR0031	BVE_UNIT2	FORT BEND	GAS	HOUSTON	2003	168.0
BRAZOS VALLEY STG 3	01INR0031	BVE_UNIT3	FORT BEND	GAS	HOUSTON	2003	270.0
CALENERGY (FALCON SEABOARD) CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	1987	77.5
CALENERGY (FALCON SEABOARD) CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	1987	77.5
CALENERGY (FALCON SEABOARD) STG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	1988	74.0
CEDAR BAYOU CTG 4	08INR0035	CBY4_CT41	CHAMBERS	GAS	HOUSTON	2009	173.0
CEDAR BAYOU CTG 5	08INR0035	CBY4_CT42	CHAMBERS	GAS	HOUSTON	2009	173.0
CEDAR BAYOU STG 6	08INR0035	CBY4_ST04	CHAMBERS	GAS	HOUSTON	2009	186.0
COLORADO BEND ENERGY CENTER CTG 1	06INR0035	CBEC_GT1	WHARTON	GAS	HOUSTON	2007	88.0
COLORADO BEND ENERGY CENTER CTG 2	06INR0035	CBEC_GT2	WHARTON	GAS	HOUSTON	2007	84.0
COLORADO BEND ENERGY CENTER CTG 3	06INR0035	CBEC_GT3	WHARTON	GAS	HOUSTON	2008	88.0
COLORADO BEND ENERGY CENTER CTG 4	06INR0035	CBEC_GT4	WHARTON	GAS	HOUSTON	2008	83.0
COLORADO BEND ENERGY CENTER STG 1	06INR0035	CBEC_STG1	WHARTON	GAS	HOUSTON	2007	105.0
COLORADO BEND ENERGY CENTER STG 2	06INR0035	CBEC_STG2	WHARTON	GAS	HOUSTON	2008	108.0
CVC CHANNELVIEW CTG 1	02INR0004	CVC_CVC_G1	HARRIS	GAS	HOUSTON	2008	157.8
CVC CHANNELVIEW CTG 2	02INR0004	CVC_CVC_G2	HARRIS	GAS	HOUSTON	2008	166.5
CVC CHANNELVIEW CTG 3	02INR0004	CVC_CVC_G3	HARRIS	GAS	HOUSTON	2008	165.8
CVC CHANNELVIEW STG 5	02INR0004	CVC_CVC_G5	HARRIS	GAS	HOUSTON	2008	132.9
DEER PARK ENERGY CENTER CTG 1	02INR0020	DDPEC_GT1	HARRIS	GAS	HOUSTON	2002	203.0
DEER PARK ENERGY CENTER CTG 2	02INR0020	DDPEC_GT2	HARRIS	GAS	HOUSTON	2002	215.0
DEER PARK ENERGY CENTER CTG 3	02INR0020	DDPEC_GT3	HARRIS	GAS	HOUSTON	2002	203.0
DEER PARK ENERGY CENTER CTG 4	02INR0020	DDPEC_GT4	HARRIS	GAS	HOUSTON	2002	215.0
DEER PARK ENERGY CENTER STG	02INR0020	DDPEC_ST1	HARRIS	GAS	HOUSTON	2002	290.0
DEER PARK ENERGY CENTER CTG 6	14INR0015	DDPEC_GT6	HARRIS	GAS	HOUSTON	2014	190.0
ENNIS POWER STATION CTG 2	01INR0008	ETCCS_CT1	ELLIS	GAS	NORTH	2002	231.0
ENNIS POWER STATION STG 1	01INR0008	ETCCS_UNIT1	ELLIS	GAS	NORTH	2002	127.0
FERGUSON REPLACEMENT CTG1	13INR0021	FERGCC_FERGGT1	LLANO	GAS	SOUTH	2014	186.1
FERGUSON REPLACEMENT CTG2	13INR0021	FERGCC_FERGGT2	LLANO	GAS	SOUTH	2014	186.1
FERGUSON REPLACEMENT STG	13INR0021	FERGCC_FERGST1	LLANO	GAS	SOUTH	2014	194.9
FORNEY ENERGY CENTER CTG 11	01INR0007	FRNYPP_GT11	KAUFMAN	GAS	NORTH	2003	191.0
FORNEY ENERGY CENTER CTG 12	01INR0007	FRNYPP_GT12	KAUFMAN	GAS	NORTH	2003	183.0
FORNEY ENERGY CENTER CTG 13	01INR0007	FRNYPP_GT13	KAUFMAN	GAS	NORTH	2003	183.0
FORNEY ENERGY CENTER CTG 21	01INR0007	FRNYPP_GT21	KAUFMAN	GAS	NORTH	2003	191.0
FORNEY ENERGY CENTER CTG 22	01INR0007	FRNYPP_GT22	KAUFMAN	GAS	NORTH	2003	183.0
FORNEY ENERGY CENTER CTG 23	01INR0007	FRNYPP_GT23	KAUFMAN	GAS	NORTH	2003	183.0
FORNEY ENERGY CENTER STG 10	01INR0007	FRNYPP_ST10	KAUFMAN	GAS	NORTH	2003	417.0
FORNEY ENERGY CENTER STG 20	01INR0007	FRNYPP_ST20	KAUFMAN	GAS	NORTH	2003	417.0
FREESTONE ENERGY CENTER CTG 1	01INR0009	FREC_GT1	FREESTONE	GAS	NORTH	2002	160.7

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
FREESTONE ENERGY CENTER CTG 2	01INR0009	FREC_GT2	FREESTONE	GAS	NORTH	2002	160.7
FREESTONE ENERGY CENTER STG 3	01INR0009	FREC_ST3	FREESTONE	GAS	NORTH	2002	179.8
FREESTONE ENERGY CENTER CTG 4	01INR0009	FREC_GT4	FREESTONE	GAS	NORTH	2002	161.1
FREESTONE ENERGY CENTER CTG 5	01INR0009	FREC_GT5	FREESTONE	GAS	NORTH	2002	161.1
FREESTONE ENERGY CENTER STG 6	01INR0009	FREC_ST6	FREESTONE	GAS	NORTH	2002	179.7
GUADALUPE GEN STN CTG 1	01INR0004	GUADG_GAS1	GUADALUPE	GAS	SOUTH	2000	167.0
GUADALUPE GEN STN CTG 2	01INR0004	GUADG_GAS2	GUADALUPE	GAS	SOUTH	2000	167.0
GUADALUPE GEN STN CTG 3	01INR0004	GUADG_GAS3	GUADALUPE	GAS	SOUTH	2000	167.0
GUADALUPE GEN STN CTG 4	01INR0004	GUADG_GAS4	GUADALUPE	GAS	SOUTH	2000	167.0
GUADALUPE GEN STN STG 5	01INR0004	GUADG_STM5	GUADALUPE	GAS	SOUTH	2000	203.0
GUADALUPE GEN STN STG 6	01INR0004	GUADG_STM6	GUADALUPE	GAS	SOUTH	2000	203.0
HAYS ENERGY FACILITY CSG 1	01INR0003	HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	2002	237.0
HAYS ENERGY FACILITY CSG 2	01INR0003	HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	2002	237.0
HAYS ENERGY FACILITY CSG 3	01INR0003	HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	2002	247.0
HAYS ENERGY FACILITY CSG 4	01INR0003	HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	2002	247.0
HIDALGO CTG 1	00INR0006	DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	2000	150.0
HIDALGO CTG 2	00INR0006	DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	2000	150.0
HIDALGO STG	00INR0006	DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	2000	176.0
JACK COUNTY GEN FACILITY CTG 1	05INR0010	JACKCNTY_CT1	JACK	GAS	NORTH	2005	165.0
JACK COUNTY GEN FACILITY CTG 2	05INR0010	JACKCNTY_CT2	JACK	GAS	NORTH	2005	165.0
JACK COUNTY GEN FACILITY STG 1	05INR0010	JACKCNTY_STG	JACK	GAS	NORTH	2005	310.0
JACK COUNTY GEN FACILITY CTG 3	10INR0010	JCKCNTY2_CT3	JACK	GAS	NORTH	2011	165.0
JACK COUNTY GEN FACILITY CTG 4	10INR0010	JCKCNTY2_CT4	JACK	GAS	NORTH	2011	165.0
JACK COUNTY GEN FACILITY STG 2	10INR0010	JCKCNTY2_ST2	JACK	GAS	NORTH	2011	310.0
JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1997	177.0
JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1997	106.0
LAMAR POWER PROJECT CTG 11	00INR0008	LPCCS_CT11	LAMAR	GAS	NORTH	2000	186.0
LAMAR POWER PROJECT CTG 12	00INR0008	LPCCS_CT12	LAMAR	GAS	NORTH	2000	176.0
LAMAR POWER PROJECT CTG 21	00INR0008	LPCCS_CT21	LAMAR	GAS	NORTH	2000	176.0
LAMAR POWER PROJECT CTG 22	00INR0008	LPCCS_CT22	LAMAR	GAS	NORTH	2000	186.0
LAMAR POWER PROJECT STG 1	00INR0008	LPCCS_UNIT1	LAMAR	GAS	NORTH	2000	204.0
LAMAR POWER PROJECT STG 2	00INR0008	LPCCS_UNIT2	LAMAR	GAS	NORTH	2000	204.0
LOST PINES CTG 1	02INR0005	LOSTPI_LOSTPGT1	BASTROP	GAS	SOUTH	2001	183.0
LOST PINES CTG 2	02INR0005	LOSTPI_LOSTPGT2	BASTROP	GAS	SOUTH	2001	183.0
LOST PINES STG	02INR0005	LOSTPI_LOSTPST1	BASTROP	GAS	SOUTH	2001	192.0
MAGIC VALLEY CTG 1	00INR0009	NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	2001	218.6
MAGIC VALLEY CTG 2	00INR0009	NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	2001	218.6
MAGIC VALLEY STG	00INR0009	NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	2001	257.9
MIDLOTHIAN CS 1	00INR0012	MDANP_CT1	ELLIS	GAS	NORTH	2001	240.0
MIDLOTHIAN CS 2	00INR0012	MDANP_CT2	ELLIS	GAS	NORTH	2001	240.0
MIDLOTHIAN CS 3	00INR0012	MDANP_CT3	ELLIS	GAS	NORTH	2001	240.0
MIDLOTHIAN CS 4	00INR0012	MDANP_CT4	ELLIS	GAS	NORTH	2001	240.0
MIDLOTHIAN CS 5	02INR0008	MDANP_CT5	ELLIS	GAS	NORTH	2002	257.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
MIDLOTHIAN CS 6	02INR0008	MDANP_CT6	ELLIS	GAS	NORTH	2002	257.0
NUECES BAY CTG 8	09INR0039	NUECES_B_NUECESG8	NUECES	GAS	SOUTH	2010	165.0
NUECES BAY CTG 9	09INR0039	NUECES_B_NUECESG9	NUECES	GAS	SOUTH	2010	165.0
NUECES BAY STG 7		NUECES_B_NUECESG7	NUECES	GAS	SOUTH	1972	320.0
ODESSA-ECTOR GEN STN CTG 11	01INR0026	OECCS_CT11	ECTOR	GAS	WEST	2001	162.6
ODESSA-ECTOR GEN STN CTG 12	01INR0026	OECCS_CT12	ECTOR	GAS	WEST	2001	151.2
ODESSA-ECTOR GEN STN CTG 21	01INR0026	OECCS_CT21	ECTOR	GAS	WEST	2001	155.8
ODESSA-ECTOR GEN STN CTG 22	01INR0026	OECCS_CT22	ECTOR	GAS	WEST	2001	153.3
ODESSA-ECTOR GEN STN STG 1	01INR0026	OECCS_UNIT1	ECTOR	GAS	WEST	2001	216.0
ODESSA-ECTOR GEN STN STG 2	01INR0026	OECCS_UNIT2	ECTOR	GAS	WEST	2001	216.0
PANDA SHERMAN CTG1	10INR0021	PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	2014	202.0
PANDA SHERMAN CTG2	10INR0021	PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	2014	202.0
PANDA SHERMAN STG	10INR0021	PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	2014	336.0
PANDA TEMPLE CTG1	10INR0020a	PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	2014	218.5
PANDA TEMPLE CTG2	10INR0020a	PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	2014	218.5
PANDA TEMPLE STG	10INR0020a	PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	2014	333.6
PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	1989	87.0
PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	1989	87.0
PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	1990	89.0
PASGEN CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	2000	176.0
PASGEN CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	2000	176.0
PASGEN STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	2000	169.0
QUAIL RUN ENERGY CTG 1	06INR0036	QALSW_GT2	ECTOR	GAS	WEST	2007	86.0
QUAIL RUN ENERGY CTG 2	06INR0036	QALSW_GT3	ECTOR	GAS	WEST	2008	81.0
QUAIL RUN ENERGY CTG 3	06INR0036	QALSW_STG1	ECTOR	GAS	WEST	2007	98.0
QUAIL RUN ENERGY CTG 4	06INR0036	QALSW_STG2	ECTOR	GAS	WEST	2008	98.0
QUAIL RUN ENERGY STG 1	06INR0036	QALSW_GT1	ECTOR	GAS	WEST	2007	84.0
QUAIL RUN ENERGY STG 2	06INR0036	QALSW_GT4	ECTOR	GAS	WEST	2008	81.0
SAM RAYBURN CTG 7	03INR0014	RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	2003	50.0
RIO NOGALES CTG 1	02INR0001	RIONOG_CT1	GUADALUPE	GAS	SOUTH	2002	175.0
RIO NOGALES CTG 2	02INR0001	RIONOG_CT2	GUADALUPE	GAS	SOUTH	2002	175.0
RIO NOGALES CTG 3	02INR0001	RIONOG_CT3	GUADALUPE	GAS	SOUTH	2002	175.0
RIO NOGALES STG 4	02INR0001	RIONOG_ST1	GUADALUPE	GAS	SOUTH	2002	323.0
SAM RAYBURN CTG 8	03INR0014	RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	2003	51.0
SAM RAYBURN CTG 9	03INR0014	RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	2003	50.0
SAM RAYBURN STG 10	03INR0014	RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	2003	40.0
SANDHILL ENERGY CENTER CTG 5A	03INR0033	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	2004	170.0
SANDHILL ENERGY CENTER STG 5C	03INR0033	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	2004	160.0
SILAS RAY STG 6		SILASRAY_SILAS_6	CAMERON	GAS	SOUTH	1962	21.0
SILAS RAY CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	SOUTH	1996	49.0
T H WHARTON CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	1972	57.0
T H WHARTON CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	1972	57.0
T H WHARTON CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	1972	57.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
T H WHARTON CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	1972	57.0
T H WHARTON STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	1974	104.0
T H WHARTON CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	1972	57.0
T H WHARTON CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	1972	57.0
T H WHARTON CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	1974	57.0
T H WHARTON CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	1974	57.0
T H WHARTON STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	1974	104.0
TEXAS CITY CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	2000	102.4
TEXAS CITY CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	2000	102.4
TEXAS CITY CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	2000	102.4
TEXAS CITY STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	2000	131.5
VICTORIA POWER STATION CTG 6	08INR0050	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	2009	168.0
VICTORIA POWER STATION STG 5	08INR0050	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	1963	132.0
WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	1987	21.0
WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	1987	21.0
WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	1987	21.0
WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	1987	16.0
WISE-TRACTEBEL POWER CTG 1	02INR0009	WCPP_CT1	WISE	GAS	NORTH	2004	275.0
WISE-TRACTEBEL POWER CTG 2	02INR0009	WCPP_CT2	WISE	GAS	NORTH	2004	275.0
WISE-TRACTEBEL POWER STG 1	02INR0009	WCPP_ST1	WISE	GAS	NORTH	2004	290.0
WOLF HOLLOW POWER CTG 1	01INR0015	WHCCS_CT1	HOOD	GAS	NORTH	2002	249.0
WOLF HOLLOW POWER CTG 2	01INR0015	WHCCS_CT2	HOOD	GAS	NORTH	2002	249.0
WOLF HOLLOW POWER STG	01INR0015	WHCCS_STG	HOOD	GAS	NORTH	2002	293.0
ATKINS 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1973	20.0
DANSBY CTG 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2004	48.0
DANSBY CTG 3	09INR0072	DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	2010	50.0
DECKER CREEK CTG 1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1989	54.0
DECKER CREEK CTG 2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1989	54.0
DECKER CREEK CTG 3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1989	54.0
DECKER CREEK CTG 4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1989	54.0
DECORDOVA CTG 1		DCSES_CT10	HOOD	GAS	NORTH	1990	80.0
DECORDOVA CTG 2		DCSES_CT20	HOOD	GAS	NORTH	1990	79.0
DECORDOVA CTG 3		DCSES_CT30	HOOD	GAS	NORTH	1990	78.0
DECORDOVA CTG 4		DCSES_CT40	HOOD	GAS	NORTH	1990	77.0
EXTEX LAPORTE GEN STN CTG 1	01INR0044	AZ_AZ_G1	HARRIS	GAS	HOUSTON	2009	45.0
EXTEX LAPORTE GEN STN CTG 2	01INR0044	AZ_AZ_G2	HARRIS	GAS	HOUSTON	2009	45.0
EXTEX LAPORTE GEN STN CTG 3	01INR0044	AZ_AZ_G3	HARRIS	GAS	HOUSTON	2009	45.0
EXTEX LAPORTE GEN STN CTG 4	01INR0044	AZ_AZ_G4	HARRIS	GAS	HOUSTON	2009	45.0
GREENS BAYOU CTG 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	1976	54.0
GREENS BAYOU CTG 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	1976	54.0
GREENS BAYOU CTG 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	1976	54.0
GREENS BAYOU CTG 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	1976	64.0
GREENS BAYOU CTG 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	1976	54.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
GREENVILLE ENGINE PLANT	10INR0070	STEAM_ENGINE_1	HUNT	GAS	NORTH	2010	8.4
GREENVILLE ENGINE PLANT	10INR0070	STEAM_ENGINE_2	HUNT	GAS	NORTH	2010	8.4
GREENVILLE ENGINE PLANT	10INR0070	STEAM_ENGINE_3	HUNT	GAS	NORTH	2010	8.4
LAREDO CTG 4	08INR0064	LARDVFTN_G4	WEBB	GAS	SOUTH	2008	98.5
LAREDO CTG 5	08INR0064	LARDVFTN_G5	WEBB	GAS	SOUTH	2008	98.5
LEON CREEK PEAKER CTG 1	04INR0009	LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	2004	48.0
LEON CREEK PEAKER CTG 2	04INR0009	LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	2004	48.0
LEON CREEK PEAKER CTG 3	04INR0009	LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	2004	48.0
LEON CREEK PEAKER CTG 4	04INR0009	LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	2004	48.0
MORGAN CREEK CTG 1		MGSES_CT1	MITCHELL	GAS	WEST	1988	81.0
MORGAN CREEK CTG 2		MGSES_CT2	MITCHELL	GAS	WEST	1988	81.0
MORGAN CREEK CTG 3		MGSES_CT3	MITCHELL	GAS	WEST	1988	81.0
MORGAN CREEK CTG 4		MGSES_CT4	MITCHELL	GAS	WEST	1988	81.0
MORGAN CREEK CTG 5		MGSES_CT5	MITCHELL	GAS	WEST	1988	81.0
MORGAN CREEK CTG 6		MGSES_CT6	MITCHELL	GAS	WEST	1988	81.0
PEARSALL IC ENGINE PLANT A	09INR0079a	PEARSAL2_AGR_A	FRIO	GAS	SOUTH	2012	50.6
PEARSALL IC ENGINE PLANT B	09INR0079a	PEARSAL2_AGR_B	FRIO	GAS	SOUTH	2012	50.6
PEARSALL IC ENGINE PLANT C	09INR0079b	PEARSAL2_AGR_C	FRIO	GAS	SOUTH	2012	50.6
PEARSALL IC ENGINE PLANT D	09INR0079b	PEARSAL2_AGR_D	FRIO	GAS	SOUTH	2012	50.6
PERMIAN BASIN CTG 1		PB2SES_CT1	WARD	GAS	WEST	1988	71.0
PERMIAN BASIN CTG 2		PB2SES_CT2	WARD	GAS	WEST	1988	71.0
PERMIAN BASIN CTG 3		PB2SES_CT3	WARD	GAS	WEST	1988	74.0
PERMIAN BASIN CTG 4		PB2SES_CT4	WARD	GAS	WEST	1990	75.0
PERMIAN BASIN CTG 5		PB2SES_CT5	WARD	GAS	WEST	1990	75.0
R W MILLER CTG 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	2000	115.0
R W MILLER CTG 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	2000	115.0
RAY OLINGER CTG 4	00INR0024	OLINGR_OLING_4	COLLIN	GAS	NORTH	2001	84.0
SAM RAYBURN CTG 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	1963	13.5
SAM RAYBURN CTG 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	1963	13.5
SAN JACINTO SES CTG 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	1995	81.0
SAN JACINTO SES CTG 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	1995	81.0
SANDHILL ENERGY CENTER CTG 1	01INR0041	SANDHSYD_SH1	TRAVIS	GAS	SOUTH	2001	48.0
SANDHILL ENERGY CENTER CTG 2	01INR0041	SANDHSYD_SH2	TRAVIS	GAS	SOUTH	2001	48.0
SANDHILL ENERGY CENTER CTG 3	01INR0041	SANDHSYD_SH3	TRAVIS	GAS	SOUTH	2001	48.0
SANDHILL ENERGY CENTER CTG 4	01INR0041	SANDHSYD_SH4	TRAVIS	GAS	SOUTH	2001	48.0
SANDHILL ENERGY CENTER CTG 6	09INR0045	SANDHSYD_SH6	TRAVIS	GAS	SOUTH	2010	48.0
SANDHILL ENERGY CENTER CTG 7	09INR0045	SANDHSYD_SH7	TRAVIS	GAS	SOUTH	2010	48.0
SILAS RAY CTG 10	04INR0014	SILASRAY_SILAS_10	CAMERON	GAS	SOUTH	2004	46.0
T H WHARTON CTG 51		THW_THWGT51	HARRIS	GAS	HOUSTON	1975	57.0
T H WHARTON CTG 52		THW_THWGT52	HARRIS	GAS	HOUSTON	1975	57.0
T H WHARTON CTG 53		THW_THWGT53	HARRIS	GAS	HOUSTON	1975	57.0
T H WHARTON CTG 54		THW_THWGT54	HARRIS	GAS	HOUSTON	1975	57.0
T H WHARTON CTG 55		THW_THWGT55	HARRIS	GAS	HOUSTON	1975	57.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
T H WHARTON CTG 56		THW_THWGT56	HARRIS	GAS	HOUSTON	1975	57.0
T H WHARTON CTG G1		THW_THWGT_1	HARRIS	GAS	HOUSTON	1967	13.0
TEXAS GULF SULPHUR		TGF_TGFGT_1	WHARTON	GAS	HOUSTON	1985	89.0
V H BRAUNIG CTG 5	09INR0028	BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	2009	48.0
V H BRAUNIG CTG 6	09INR0028	BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	2009	48.0
V H BRAUNIG CTG 7	09INR0028	BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	2009	48.0
V H BRAUNIG CTG 8	09INR0028	BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	2009	48.0
W A PARISH CTG 1		WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	1967	13.0
W A PARISH - PETRA NOVA CTG	12INR0086	PNPI_GT2	FORT BEND	GAS	HOUSTON	2013	88.0
WINCHESTER POWER PARK CTG 1	09INR0027	WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	2009	46.0
WINCHESTER POWER PARK CTG 2	09INR0027	WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	2009	46.0
WINCHESTER POWER PARK CTG 3	09INR0027	WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	2009	46.0
WINCHESTER POWER PARK CTG 4	09INR0027	WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	2009	46.0
B M DAVIS STG U1		B_DAVIS_B_DAVIG1	NUECES	GAS	SOUTH	1974	335.0
CEDAR BAYOU STG U1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	1970	745.0
CEDAR BAYOU STG U2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	1972	749.0
DANSBY STG U1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	1978	110.0
DECKER CREEK STG U1		DECKER_DPG1	TRAVIS	GAS	SOUTH	1971	320.0
DECKER CREEK STG U2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1978	428.0
GRAHAM STG U1		GRSES_UNIT1	YOUNG	GAS	WEST	1960	225.0
GRAHAM STG U2		GRSES_UNIT2	YOUNG	GAS	WEST	1969	390.0
GREENS BAYOU STG U5		GBY_GBY_5	HARRIS	GAS	HOUSTON	1973	371.0
HANDLEY STG U3		HLSES_UNIT3	TARRANT	GAS	NORTH	1963	395.0
HANDLEY STG U4		HLSES_UNIT4	TARRANT	GAS	NORTH	1976	435.0
HANDLEY STG U5		HLSES_UNIT5	TARRANT	GAS	NORTH	1977	435.0
LAKE HUBBARD STG U1		LHSES_UNIT1	DALLAS	GAS	NORTH	1970	392.0
LAKE HUBBARD STG U2		LHSES_UNIT2A	DALLAS	GAS	NORTH	1973	515.0
MOUNTAIN CREEK STG U6		MCSES_UNIT6	DALLAS	GAS	NORTH	1956	122.0
MOUNTAIN CREEK STG U7		MCSES_UNIT7	DALLAS	GAS	NORTH	1958	118.0
MOUNTAIN CREEK STG U8		MCSES_UNIT8	DALLAS	GAS	NORTH	1967	568.0
O W SOMMERS STG U1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1972	420.0
O W SOMMERS STG U2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1974	420.0
PEARSALL STG U1		PEARSALL_PEARS_1	FRIO	GAS	SOUTH	1961	25.0
PEARSALL STG U2		PEARSALL_PEARS_2	FRIO	GAS	SOUTH	1961	25.0
PEARSALL STG U3		PEARSALL_PEARS_3	FRIO	GAS	SOUTH	1961	25.0
POWERLANE PLANT STG U1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1966	20.0
POWERLANE PLANT STG U2		STEAM_STEAM_2	HUNT	GAS	NORTH	1967	26.0
POWERLANE PLANT STG U3		STEAM_STEAM_3	HUNT	GAS	NORTH	1978	41.0
R W MILLER STG U1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	2000	75.0
R W MILLER STG U2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	2000	120.0
R W MILLER STG U3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	2000	208.0
RAY OLINGER STG U1		OLINGR_OLING_1	COLLIN	GAS	NORTH	1967	78.0
RAY OLINGER STG U2		OLINGR_OLING_2	COLLIN	GAS	NORTH	1971	107.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
RAY OLINGER STG U3		OLINGR_OLING_3	COLLIN	GAS	NORTH	1975	146.0
SIM GIDEON STG U1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	1965	130.0
SIM GIDEON STG U2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	1968	135.0
SIM GIDEON STG U3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	1972	340.0
SPENCER STG U4		SPNCER_SPNCE_4	DENTON	GAS	NORTH	1966	61.0
SPENCER STG U5		SPNCER_SPNCE_5	DENTON	GAS	NORTH	1973	61.0
STRYKER CREEK STG U1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	1958	167.0
STRYKER CREEK STG U2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	1965	502.0
TRINIDAD STG U6		TRSES_UNIT6	HENDERSON	GAS	NORTH	1965	226.0
V H BRAUNIG STG U1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1966	220.0
V H BRAUNIG STG U2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1968	230.0
V H BRAUNIG STG U3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1970	412.0
W A PARISH STG U1		WAP_WAP_G1	FT. BEND	GAS	HOUSTON	1958	169.0
W A PARISH STG U2		WAP_WAP_G2	FT. BEND	GAS	HOUSTON	1958	169.0
W A PARISH STG U3		WAP_WAP_G3	FT. BEND	GAS	HOUSTON	1961	258.0
W A PARISH STG U4		WAP_WAP_G4	FT. BEND	GAS	HOUSTON	1968	552.0
NOTREES BATTERY	12INR0076	NWF_NBS	WINKLER/ECTOR	STORAGE	WEST	2012	33.7
ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0
BRACKETVILLE SOLAR - OCI ALAMO 4	14INR0024	ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6
OCI ALAMO 1 SOLAR	13INR0058	OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2
WEBBERVILLE SOLAR	10INR0082	WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7
BLUE WING 1		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6
BLUE WING 2		DG_ELMEN_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3
SOMERSET 1		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6
SOMERSET 2		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0
SUNEDISON RABEL ROAD		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
SUNEDISON VALLEY ROAD		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9
NACOGDOCHES POWER	09INR0007	NACPW_UNIT1	NACOGDOCHES	BIOMASS	NORTH	2012	105.0
LUFKIN BIOMASS	08INR0033	LFBIO_UNIT1	ANGELINA	BIOMASS	NORTH	2012	45.0
ALVIN		AV_DG1	GALVESTON	BIOMASS	HOUSTON	2002	6.7
AUSTIN LANDFILL GAS		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	2007	6.4
COVEL GARDENS POWER STATION		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	2005	9.6
DFW GAS RECOVERY		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	2009	6.4
DG_BIOENERGY PARTNERS		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1988	6.2
FW REGION GEN FACILITY		DG_RDLML_1UNIT	TARRANT	BIOMASS	NORTH	2011	1.6
HUMBLE		HB_DG1	HARRIS	BIOMASS	HOUSTON	2002	10.0
LIBERTY		LB_DG1	HARRIS	BIOMASS	HOUSTON	2002	3.9
MCKINNEY LANDFILL		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	2011	3.2
MESQUITE CREEK ENERGY		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	2011	3.2
SKYLINE LANDFILL GAS		DG_FERIS_4_UNITS	DALLAS	BIOMASS	NORTH	2007	6.4
TRINITY BAY		TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	2002	3.9
TRINITY OAKS LFG		DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	2011	3.2
WALZEM ROAD		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	2002	9.8

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
WESTSIDE		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2010	4.8
Operational Capacity Total (Coal, Gas, Nuclear, Biomass, Solar)							**66557.5**
Operational Resources (Hydro)							
AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE		SOUTH	1983	37.9
AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE		SOUTH	1983	37.9
AUSTIN HYDRO 1		AUSTPL_AUSTING1	TRAVIS		SOUTH	1940	8.0
AUSTIN HYDRO 2		AUSTPL_AUSTING2	TRAVIS		SOUTH	1940	9.0
BUCHANAN HYDRO 1		BUCHAN_BUCHANG1	LLANO		SOUTH	1938	16.0
BUCHANAN HYDRO 2		BUCHAN_BUCHANG2	LLANO		SOUTH	1938	16.0
BUCHANAN HYDRO 3		BUCHAN_BUCHANG3	LLANO		SOUTH	1950	17.0
DENISON DAM 1		DNDAM_DENISOG1	GRAYSON		NORTH	1944	40.0
DENISON DAM 2		DNDAM_DENISOG2	GRAYSON		NORTH	1948	40.0
FALCON HYDRO 1		FALCON_FALCONG1	STARR		SOUTH	1954	12.0
FALCON HYDRO 2		FALCON_FALCONG2	STARR		SOUTH	1954	12.0
FALCON HYDRO 3		FALCON_FALCONG3	STARR		SOUTH	1954	12.0
GRANITE SHOALS HYDRO 1		WIRTZ_WIRTZ_G1	BURNET		SOUTH	1951	29.0
GRANITE SHOALS HYDRO 2		WIRTZ_WIRTZ_G2	BURNET		SOUTH	1951	29.0
INKS HYDRO 1		INKSDA_INKS_G1	LLANO		SOUTH	1938	14.0
MARBLE FALLS HYDRO 1		MARBFA_MARBFAG1	BURNET		SOUTH	1951	21.0
MARBLE FALLS HYDRO 2		MARBFA_MARBFAG2	BURNET		SOUTH	1951	20.0
MARSHALL FORD HYDRO 1		MARSFO_MARSFOG1	TRAVIS		SOUTH	1941	36.0
MARSHALL FORD HYDRO 2		MARSFO_MARSFOG2	TRAVIS		SOUTH	1941	36.0
MARSHALL FORD HYDRO 3		MARSFO_MARSFOG3	TRAVIS		SOUTH	1941	29.0
WHITNEY DAM HYDRO		WND_WHITNEY1	BOSQUE		NORTH	1953	20.0
WHITNEY DAM HYDRO 2		WND_WHITNEY2	BOSQUE		NORTH	1953	15.0
CANYON		CANYHY_CANYHYG1	COMAL		SOUTH	1989	6.0
EAGLE PASS HYDRO		EAGLE_HY_EAGLE_HY1	MAVERICK		SOUTH	2005	9.6
LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES		SOUTH	1931	4.8
LEWISVILLE		DG_LWSVL_1UNIT	DENTON		NORTH	1991	2.2
MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE		SOUTH	1928	7.7
SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE		SOUTH	1928	3.6
Operational Capacity Total (Hydro)							**540.7**
Hydro Capacity Contribution (Top 20 Hours)		HYDRO_CAP_CONT		HYDRO			63.6
Operational Capacity Total (Including Hydro)							**66621.1**
Private-Use Network Capacity Contribution (Top 20 Hours)		PUN_CAP_CONT		GAS			4318.0
Wind Resources							
ANACACHO WIND	12INR0072	ANACACHO_ANA	KINNEY	WIND	SOUTH	2012	99.8
BARTON CHAPEL WIND	06INR0021	BRTSW_BCW1	JACK	WIND	WEST	2007	120.0
BLUE SUMMIT WIND 5	12INR0075	BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	2013	9.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
BLUE SUMMIT WIND 6	12INR0075	BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	2013	126.4
BOBCAT BLUFF WIND	08INR0049	BCATWIND_WIND_1	ARCHER	WIND	NORTH	2012	150.0
BUFFALO GAP WIND FARM 1	04INR0015	BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	2006	120.6
BUFFALO GAP WIND FARM 2_1	06INR0037	BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	2007	115.5
BUFFALO GAP WIND FARM 2_2	06INR0037	BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	2007	117.0
BUFFALO GAP WIND FARM 3	07INR0030	BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	2008	170.2
BULL CREEK WIND PLANT U1	07INR0037	BULLCRK_WND1	BORDEN	WIND	WEST	2009	88.0
BULL CREEK WIND PLANT U2	07INR0037	BULLCRK_WND2	BORDEN	WIND	WEST	2009	90.0
CALLAHAN WIND	04INR0013	CALLAHAN_WND1	CALLAHAN	WIND	WEST	2004	114.0
CAMP SPRINGS WIND 1	06INR0038	CSEC_CSECG1	SCURRY	WIND	WEST	2007	130.5
CAMP SPRINGS WIND 2	07INR0040	CSEC_CSECG2	SCURRY	WIND	WEST	2007	120.0
CAPRICORN RIDGE WIND 1	07INR0018	CAPRIDGE_CR1	STERLING	WIND	WEST	2007	214.5
CAPRICORN RIDGE WIND 2	07INR0041	CAPRIDGE_CR3	STERLING	WIND	WEST	2008	186.0
CAPRICORN RIDGE WIND 3	07INR0041	CAPRIDGE_CR2	STERLING	WIND	WEST	2007	149.5
CAPRICORN RIDGE WIND 4	08INR0063	CAPRIDG4_CR4	COKE/STERLING	WIND	WEST	2008	112.5
CEDRO HILL WIND 1	09INR0082	CEDROHIL_CHW1	WEBB	WIND	SOUTH	2010	75.0
CEDRO HILL WIND 2	09INR0083	CEDROHIL_CHW2	WEBB	WIND	SOUTH	2010	75.0
CHAMPION WIND FARM	07INR0045d	CHAMPION_UNIT1	NOLAN AND MITCHE	WIND	WEST	2008	126.5
DESERT SKY WIND FARM 1		INDNENR_INDNENR	PECOS	WIND	WEST	2002	84.0
DESERT SKY WIND FARM 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	2002	76.5
ELBOW CREEK WIND PROJECT	08INR0053	ELB_ELBCREEK	HOWARD	WIND	WEST	2008	118.7
FOREST CREEK WIND FARM	05INR0019	MCDLD_FCW1	GLASSCOCK	WIND	WEST	2007	124.2
GOAT WIND	07INR0028	GOAT_GOATWIND	STERLING	WIND	WEST	2008	80.0
GOAT WIND 2	07INR0028b	GOAT_GOATWIN2	STERLING	WIND	WEST	2010	69.6
GOLDTHWAITE WIND 1	11INR0013	GWEC_GWEC_G1	MILLS	WIND	NORTH	2014	148.6
GREEN MOUNTAIN WIND (BRAZOS) U1	03INR0020	BRAZ_WND_WND1	SCURRY/BORDEN	WIND	WEST	2003	99.0
GREEN MOUNTAIN WIND (BRAZOS) U2	03INR0020	BRAZ_WND_WND2	SCURRY/BORDEN	WIND	WEST	2003	61.0
HACKBERRY WIND FARM	04INR0011e	HWF_HWFG1	SHACKELFORD	WIND	WEST	2008	163.5
HORSE HOLLOW WIND 1	05INR0015	H_HOLLOW_WND1	TAYLOR	WIND	WEST	2005	206.6
HORSE HOLLOW WIND 2	05INR0018	HHOLLOW2_WIND1	TAYLOR	WIND	WEST	2006	184.0
HORSE HOLLOW WIND 3	06INR0040	HHOLLOW3_WND_1	TAYLOR	WIND	WEST	2006	223.5
HORSE HOLLOW WIND 4	06INR0040	HHOLLOW4_WND1	TAYLOR	WIND	WEST	2006	108.0
INADALE WIND	07INR0045b	INDL_INADALE1	NOLAN	WIND	WEST	2008	196.6
INDIAN MESA WIND FARM	00INR0022	INDNNWP_INDNNWP	PECOS COUNTY	WIND	WEST	2001	82.5
KING MOUNTAIN NE	00INR0025	KING_NE_KINGNE	UPTON	WIND	WEST	2001	79.3
KING MOUNTAIN NW	00INR0025	KING_NW_KINGNW	UPTON	WIND	WEST	2001	79.3
KING MOUNTAIN SE	00INR0025	KING_SE_KINGSE	UPTON	WIND	WEST	2001	40.3
KING MOUNTAIN SW	00INR0025	KING_SW_KINGSW	UPTON	WIND	WEST	2001	79.3
LANGFORD WIND POWER	10INR0026	LGD_LANGFORD	TOM GREEN	WIND	WEST	2009	155.0
LONE STAR WIND 1 (MESQUITE)	04INR0011	LNCRK_G83	SHACKELFORD	WIND	WEST	2006	200.0
LONE STAR WIND 2 (POST OAK) U1	04INR0011a	LNCRK2_G871	SHACKELFORD	WIND	WEST	2007	100.0
LONE STAR WIND 2 (POST OAK) U2	04INR0011a	LNCRK2_G872	SHACKELFORD	WIND	WEST	2007	100.0
LORAINE WINDPARK I	09INR0047	LONEWOLF_G1	MITCHELL	WIND	WEST	2009	49.5

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
LORAINE WINDPARK II	09INR0047	LONEWOLF_G2	MITCHELL	WIND	WEST	2009	51.0
LORAINE WINDPARK III	09INR0047	LONEWOLF_G3	MITCHELL	WIND	WEST	2011	25.5
LORAINE WINDPARK IV	09INR0047	LONEWOLF_G4	MITCHELL	WIND	WEST	2011	24.0
MCADOO WIND FARM	08INR0028	MWEC_G1	DICKENS	WIND	WEST	2008	150.0
NOTREES WIND FARM 1 AND 3	07INR0005	NWF_NWF1	WINKLER/ECTOR	WIND	WEST	2009	92.6
NOTREES WIND FARM 2	07INR0005	NWF_NWF2	WINKLER/ECTOR	WIND	WEST	2009	60.0
OCOTILLO WIND FARM	04INR0017	OWF_OWF	HOWARD	WIND	WEST	2008	58.8
PANHANDLE WIND 1 U1	14INR0030a_2	PH1_UNIT1	CARSON	WIND	PANHANDLE	2014	109.2
PANHANDLE WIND 1 U2	14INR0030a_2	PH1_UNIT2	CARSON	WIND	PANHANDLE	2014	109.2
PANTHER CREEK 1	07INR0022	PC_NORTH_PANTHER1	HOWARD	WIND	WEST	2008	142.5
PANTHER CREEK 2	08INR0037	PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	2008	115.5
PANTHER CREEK 3	11INR0015	PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	2009	199.5
PECOS WIND (WOODWARD 1)	01INR0035	WOODWRD1_WOODWRD1	PECOS	WIND	WEST	2001	82.5
PECOS WIND (WOODWARD 2)	01INR0035	WOODWRD2_WOODWRD2	PECOS	WIND	WEST	2001	77.2
PYRON WIND FARM	07INR0045a	PYR_PYRON1	SCURRY AND FISHER	WIND	WEST	2008	249.0
RED CANYON WIND	05INR0017	RDCANYON_RDCNY1	BORDEN	WIND	WEST	2006	84.0
ROSCOE WIND FARM	07INR0045e	TKWSW1_ROSCOE	NOLAN	WIND	WEST	2008	209.0
SAND BLUFF WIND FARM	05INR0019	MCDLD_SBW1	GLASSCOCK	WIND	WEST	2008	90.0
SENATE WIND PROJECT	08INR0011	SENATEWD_UNIT1	JACK	WIND	WEST	2012	150.0
SHERBINO I WIND	06INR0012a	KEO_KEO_SM1	PECOS	WIND	WEST	2008	150.0
SHERBINO 2 WIND	06INR0012b	KEO_SHRBINO2	PECOS	WIND	WEST	2011	150.0
SILVER STAR WIND	03INR0034	FLTCK_SSI	EASTLAND	WIND	NORTH	2008	60.0
SNYDER WIND FARM	04INR0020	ENAS_ENA1	SCURRY	WIND	WEST	2007	63.0
SOUTH TRENT WIND FARM	07INR0029	STWF_T1	NOLAN & TAYLOR	WIND	WEST	2008	101.2
SPINNING SPUR WIND TWO	13INR0048	SSPURTWO_WIND_1	OLDHAM	WIND	PANHANDLE	2014	161.0
STANTON WIND ENERGY	07INR0010	SWEC_G1	MARTIN	WIND	WEST	2008	120.0
SWEETWATER WIND 1	01INR0036	SWEETWND_WND1	NOLAN	WIND	WEST	2003	36.6
SWEETWATER WIND 2A	01INR0036	SWEETWN2_WND24	NOLAN	WIND	WEST	2006	15.9
SWEETWATER WIND 2B	01INR0036	SWEETWN2_WND2	NOLAN	WIND	WEST	2004	97.5
SWEETWATER WIND 3A	01INR0036	SWEETWN3_WND3A	NOLAN	WIND	WEST	2011	28.5
SWEETWATER WIND 3B	01INR0036	SWEETWN3_WND3B	NOLAN	WIND	WEST	2011	100.5
SWEETWATER WIND 4-5	07INR0023	SWEETWN4_WND5	NOLAN	WIND	WEST	2007	79.2
SWEETWATER WIND 4-4B	07INR0023	SWEETWN4_WND4B	NOLAN	WIND	WEST	2007	103.7
SWEETWATER WIND 4-4A	07INR0023	SWEETWN4_WND4A	NOLAN	WIND	WEST	2007	117.8
TEXAS BIG SPRING WIND a		SGMTN_SIGNALMT	HOWARD	WIND	WEST	1999	27.7
TEXAS BIG SPRING WIND b		SGMTN_SIGNALM2	HOWARD	WIND	WEST	1999	6.6
TRENT WIND FARM	01INR0038	TRENT_TRENT	NOLAN	WIND	WEST	2001	150.0
TRINITY HILLS WIND 1	08INR0062	TRINITY_TH1_BUS1	YOUNG	WIND	NORTH	2012	117.5
TRINITY HILLS WIND 2	08INR0062	TRINITY_TH1_BUS2	YOUNG	WIND	NORTH	2012	107.5
TURKEY TRACK WIND ENERGY CENTER	07INR0011	TTWEC_G1	NOLAN	WIND	WEST	2008	169.5
WEST TEXAS WIND ENERGY		SW_MESA_SW_MESA	UPTON/CROCKETT C	WIND	WEST	1999	74.2
WHIRLWIND ENERGY	07INR0003	WEC_WECG1	FLOYD	WIND	NORTH	2007	57.0
WHITETAIL WIND ENERGY PROJECT	11INR0091	EXGNWTL_WIND_1	WEBB AND DUVAL	WIND	SOUTH	2012	90.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
WKN MOZART WIND	09INR0061	MOZART_WIND_1	KENT & STONEWALL	WIND	WEST	2012	30.0
WOLF RIDGE WIND	07INR0034	WHTTAIL_WR1	COOKE	WIND	NORTH	2008	112.5
TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND	WEST	2008	2.0
Wind Capacity Total (Non-Coastal Counties)							**9827.9**
GULF WIND I	05INR0015a	TGW_T1	KENEDY	WIND	SOUTH	2010	141.6
GULF WIND II	05INR0015a	TGW_T2	KENEDY	WIND	SOUTH	2010	141.6
LOS VIENTOS WIND I	11INR0033	LV1_LV1A	WILLACY/CAMERON	WIND	SOUTH	2013	200.1
LOS VIENTOS WIND II	11INR0033	LV1_LV1B	WILLACY/CAMERON	WIND	SOUTH	2013	201.6
MAGIC VALLEY WIND (REDFISH) 1A	10INR0060	REDFISH_MV1A	WILLACY	WIND	SOUTH	2012	99.8
MAGIC VALLEY WIND (REDFISH) 1B	10INR0060	REDFISH_MV1B	WILLACY	WIND	SOUTH	2012	103.5
PAPALOTE CREEK WIND FARM	08INR0012a	PAP1_PAP1	SAN PATRICIO	WIND	SOUTH	2009	179.9
PAPALOTE CREEK WIND FARM II	08INR0012b	COTTON_PAP2	SAN PATRICIO	WIND	SOUTH	2010	200.1
PENASCAL WIND 1	06INR0022a	PENA_UNIT1	KENEDY	WIND	SOUTH	2009	160.8
PENASCAL WIND 2	06INR0022b	PENA_UNIT2	KENEDY	WIND	SOUTH	2009	141.6
PENASCAL WIND 3	06INR0022b	PENA3_UNIT3	KENEDY	WIND	SOUTH	2011	100.8
HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND	SOUTH	2012	9.0
Wind Capacity Total (Coastal Counties)							**1680.4**
Wind Capacity Total Total							**11508.3**
Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			0.0
DC-Tie Resources							
EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0
EAST TIE		DC_E	FANNIN		NORTH		600.0
LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0
NORTH TIE		DC_N	WILBARGER		WEST		220.0
SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0
SHARYLAND RAILROAD TIE (FUTURE)		DC_R2	HIDALGO		SOUTH		20.0
DC-Ties Total							**1120.0**
DC-Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			494.8
Switchable Resources							
KIAMICHI ENERGY FACILITY 1CT101	03INR0012	KMCHI_1CT101	PITTSBURG	GAS	NORTH	2003	178.0
KIAMICHI ENERGY FACILITY 1CT201	03INR0012	KMCHI_1CT201	PITTSBURG	GAS	NORTH	2003	180.0
KIAMICHI ENERGY FACILITY 1ST	03INR0012	KMCHI_1ST	PITTSBURG	GAS	NORTH	2003	307.0
KIAMICHI ENERGY FACILITY 2CT101	03INR0012	KMCHI_2CT101	PITTSBURG	GAS	NORTH	2003	178.0
KIAMICHI ENERGY FACILITY 2CT201	03INR0012	KMCHI_2CT201	PITTSBURG	GAS	NORTH	2003	180.0
KIAMICHI ENERGY FACILITY 2ST	03INR0012	KMCHI_2ST	PITTSBURG	GAS	NORTH	2003	307.0
TENASKA-FRONTIER CTG 1	00PSR4	FTR_FTR_G1	GRIMES	GAS	HOUSTON	2000	180.0
TENASKA-FRONTIER CTG 2	00PSR4	FTR_FTR_G2	GRIMES	GAS	HOUSTON	2000	180.0
TENASKA-FRONTIER CTG 3	00PSR4	FTR_FTR_G3	GRIMES	GAS	HOUSTON	2000	180.0
TENASKA-FRONTIER STG 4	00PSR4	FTR_FTR_G4	GRIMES	GAS	HOUSTON	2000	400.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
TENASKA-GATEWAY CTG 1	01INR0019	TGCCS_CT1	RUSK	GAS	NORTH	2001	162.0
TENASKA-GATEWAY CTG 2	01INR0019	TGCCS_CT2	RUSK	GAS	NORTH	2001	179.0
TENASKA-GATEWAY CTG 3	01INR0019	TGCCS_CT3	RUSK	GAS	NORTH	2001	178.0
TENASKA-GATEWAY STG 4	01INR0019	TGCCS_UNIT4	RUSK	GAS	NORTH	2001	389.0
FRONTERA GENERATION CTG 1		FRONTERA_FRONTEG1	HIDALGO	GAS	SOUTH	1999	170.0
FRONTERA GENERATION CTG 2		FRONTERA_FRONTEG2	HIDALGO	GAS	SOUTH	1999	170.0
FRONTERA GENERATION STG		FRONTERA_FRONTEG3	HIDALGO	GAS	SOUTH	2000	184.0
Switchable Capacity Total							**3702.0**
Switchable Capacity Unavailable to ERCOT		SWITCH_UNAVAIL		GAS			-470.0
Available Mothball Capacity based on Owner's Return Probability		MOTH_AVAIL		GAS			0.0
Planned Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights							
PECOS BARILLA SOLAR (HOVEY_UNIT1)	12INR0059		PECOS	SOLAR	WEST	2014	30.0
Planned Capacity Total (Not Wind)							**30.0**
Planned Wind Resources with Executed SGIA							
STEPHENS RANCH WIND 1 (SRWE1_UNIT1)	12INR0034a		BORDEN	WIND	WEST	2014	211.0
PANHANDLE WIND 2 (PH2_UNIT1-2)	14INR0030b		CARSON	WIND	PANHANDLE	2014	182.0
MIAMI WIND 1 (MIAM1_G1-2)	14INR0012a		GRAY	WIND	PANHANDLE	2014	289.0
GRANDVIEW (CONWAY) 1 (GRANDVW1_GV1A-B)	13INR0005a	GRANDVW1_GV1A	CARSON	WIND	PANHANDLE	2014	211.0
WINDTHORST 2 (WNDTHST2_UNIT1)	13INR0057		ARCHER	WIND	WEST	2014	65.0
Planned Wind Capacity Total							**958.0**
Planned Wind Capacity Sub-total (Non-Coastal Counties)							**958.0**
Planned Wind Capacity Sub-total (Coastal Counties)							**0.0**
Mothballed Capacity							
GREENS BAYOU CTG 82		GBY_GBYGT82	HARRIS	GAS	HOUSTON	1976	58.0
NORTH TEXAS CTG 1		NTX_NTX_1	PARKER	GAS	NORTH	1958	18.0
NORTH TEXAS CTG 2		NTX_NTX_2	PARKER	GAS	NORTH	1958	18.0
NORTH TEXAS CTG 3		NTX_NTX_3	PARKER	GAS	NORTH	1963	39.0
PERMIAN BASIN SES U6		PBSES_UNIT6	WARD	GAS	WEST	1973	530.0
SILAS RAY CTG 5		SILASRAY_SILAS_5	CAMERON	GAS	SOUTH	1953	10.0
VALLEY SES U1		VLSES_UNIT1	FANNIN	GAS	NORTH	1962	174.0
VALLEY SES U2		VLSES_UNIT2	FANNIN	GAS	NORTH	1967	520.0
VALLEY SES U3		VLSES_UNIT3	FANNIN	GAS	NORTH	1971	375.0
S R BERTRON CTG 2		SRB_SRBGT_2	HARRIS	GAS	HOUSTON	1967	13.0
S R BERTRON U1		SRB_SRB_G1	HARRIS	GAS	HOUSTON	1958	118.0
S R BERTRON U2		SRB_SRB_G2	HARRIS	GAS	HOUSTON	1956	174.0
S R BERTRON U3		SRB_SRB_G3	HARRIS	GAS	HOUSTON	1959	211.0
S R BERTRON U4		SRB_SRB_G4	HARRIS	GAS	HOUSTON	1960	211.0

COMMON NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	WINTER RATING (MW)
Total Mothballed Capacity							**2469.0**
Seasonal Mothballed Capacity							
MARTIN LAKE U3		MLSES_UNIT3	RUSK	COAL	NORTH	1979	820.0
MONTICELLO U1		MNSES_UNIT1	TITUS	COAL	NORTH	1974	580.0
MONTICELLO U2		MNSES_UNIT2	TITUS	COAL	NORTH	1975	580.0
Total Seasonal Mothballed Capacity							**1980.0**
Retiring Capacity Unavailable to ERCOT							
APPLIED ENERGY		APD_APD_G1	HARRIS	COAL	HOUSTON	1986	140.0
ATKINS CTG 3		ATKINS_ATKINSG3	BRAZOS	GAS	NORTH	1954	12.0
ATKINS CTG 4		ATKINS_ATKINSG4	BRAZOS	GAS	NORTH	1958	22.0
ATKINS CTG 5		ATKINS_ATKINSG5	BRAZOS	GAS	NORTH	1965	25.0
ATKINS CTG 6		ATKINS_ATKINSG6	BRAZOS	GAS	NORTH	1969	50.0
DELAWARE MOUNTAIN WIND FARM	99INR0004	KUNITZ_WIND_NWP	CULBERSON COUNTY	WIND	WEST	1999	28.5
KUNITZ WIND - WINDPOWER PARTNERS 1994		KUNITZ_WIND_LGE	CULBERSON COUNTY	WIND	WEST	1995	39.8
Total Retiring Capacity Unavailable to ERCOT							**317.3**

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 either based on historic values of these parameters, adjusted by any known or expected change.