

Release Date: May 1, 2014

**Preliminary  
Seasonal Assessment of Resource Adequacy for the ERCOT Region  
Fall 2014**

**SUMMARY**

The ERCOT region is expected to have sufficient installed generating capacity to serve forecasted peak demands with a historically typical amount of generation outages. It is unlikely that ERCOT will need to declare an Energy Emergency Alert (EEA) during the fall of 2014. 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 not be expected to result in insufficient resources available to serve those demands.

Wind generation resources continue to count at 8.7 percent of nameplate capacity in this assessment. As noted in the CDR report released on February 28, 2014, ERCOT stakeholder committees are considering alternative methods of estimating the capacity availability of wind, such as using historical operational availability. Capacity ratings for other generation resources are lower in the summer due to the effects of higher ambient temperatures.

ERCOT continues to monitor the persistent drought conditions throughout Texas. While reservoir levels are not expected to drop below power plant physical intake limits during Fall 2014, ERCOT continues to assess potential risks to generation operations.

**2014 Seasonal Assessment of Resource Adequacy for the ERCOT Region (SARA)**

**Fall - Preliminary**

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**Forecasted Resources and Demand**

Installed Capacity, MW	64,133	Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process
Capacity from Private Networks, MW	4,661	Based on actual historical net PUN output
Effective Load-Carrying Capability (ELCC) of Wind Resources, MW	963	Based on 8.7% of installed capacity (Effective Load Carrying Capability) of wind per ERCOT Nodal Protocols Section 3.2.6.2.2
RMR Resources to be under Contract, MW	0	No RMR Resources currently under contract.
Capacity Contribution of Non-Synchronous Ties, MW	643	Average maximum capability of the top 20 hours for the past three years
Switchable Capacity, MW	3,178	Installed capacity of units that can switch to other Regions
less Switchable Capacity Unavailable to ERCOT, MW	(330)	Based on survey responses of Switchable Unit owners
Planned Resources (not wind) with Signed IA and Air Permit, MW	2,438	Based on in-service dates provided by developers of generation resources
ELCC of Planned Wind with Signed IA, MW	122	Based on in-service dates provided by developers of generation resources; based on 8.7% of projected capacity
a Total Resources, MW	75,808	
b Peak Demand, MW	48,653	Fall peak forecast based on normal weather conditions for 2002 - 2013
c Reserve Capacity (a - b), MW	27,155	

**Range of Potential Risks**

	Based on Normal			
	Weather			
	Conditions for	Extreme	Extreme	
	2002 – 2013	Load/Typical Gen	Load/Extreme	
	(August)	Outages	Generation Outages	
Seasonal Load Adjustment		8,434	8,434	Based on a normal September-like peak occurring in early October
Typical Maintenance Outages	8,697	8,697	8,697	Based on historical (August 2010 to April 17, 2014) average of planned outages for October through November weekdays
Typical Forced Outages	3,466	3,466	3,466	Based on historical (August 2010 to April 17, 2014) average of planned outages for October through November weekdays
90th Percentile Forced Outages		-	3,289	
d Total Uses of Reserve Capacity	12,163	20,597	23,886	
e Capacity Available for Operating Reserves (c-d), MW	14,992	6,558	3,269	
Less than 2,300 MW indicates risk of EEA1				

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<b>Scenario Inputs</b>	Forecasted Peak Load for Fall 2014	48,653	Fall peak forecast based on normal weather conditions for 2002 – 2013
	Load Adjustment for September - October Peak	8,434	Fall extreme forecast (57,089 MW)
	Typical Maintenance Outages	8,697	Based on historical (August 2010 to April 17, 2014) average of planned outages for October through November weekdays
	Typical Forced Outages	3,466	Based on historical (August 2010 to April 17, 2014) average of planned outages for October through November weekdays
	90th Percentile Forced Outages	3,289	

UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
COMANCHE PEAK 1		CPSES_UNIT1	SOMERVELL	NUCLEAR	NORTH	8/13/90	1222.0	OPERATIONAL
COMANCHE PEAK 2		CPSES_UNIT2	SOMERVELL	NUCLEAR	NORTH	8/3/93	1209.0	OPERATIONAL
SOUTH TEXAS 1		STP_STP_G1	MATAGORDA	NUCLEAR	SOUTH	3/22/88	1318.0	OPERATIONAL
SOUTH TEXAS 2		STP_STP_G2	MATAGORDA	NUCLEAR	SOUTH	3/28/89	1325.0	OPERATIONAL
BIG BROWN 1		BBSSES_UNIT1	FREESTONE	COAL	NORTH	12/23/71	606.0	OPERATIONAL
BIG BROWN 2		BBSSES_UNIT2	FREESTONE	COAL	NORTH	12/6/72	602.0	OPERATIONAL
COLETO CREEK		COLETO_COLETOG1	GOLIAD	COAL	SOUTH	1/1/80	660.0	OPERATIONAL
FAYETTE POWER PROJECT 1		FPPYD1_FPP_G1	FAYETTE	COAL	SOUTH	6/16/79	603.0	OPERATIONAL
FAYETTE POWER PROJECT 2		FPPYD1_FPP_G2	FAYETTE	COAL	SOUTH	5/20/80	603.0	OPERATIONAL
FAYETTE POWER PROJECT 3		FPPYD2_FPP_G3	FAYETTE	COAL	SOUTH	4/29/88	444.0	OPERATIONAL
GIBBONS CREEK 1		GIBCRK_GIB_CRG1	GRIMES	COAL	NORTH	3/15/83	470.0	OPERATIONAL
J K SPRUCE 1		CALAVERS_JKS1	BEXAR	COAL	SOUTH	1/1/92	562.0	OPERATIONAL
J K SPRUCE 2		CALAVERS_JKS2	BEXAR	COAL	SOUTH	5/28/10	775.0	OPERATIONAL
J T DEELY 1		CALAVERS_JTD1	BEXAR	COAL	SOUTH	1/1/77	430.0	OPERATIONAL
J T DEELY 2		CALAVERS_JTD2	BEXAR	COAL	SOUTH	1/1/78	420.0	OPERATIONAL
LIMESTONE 1		LEG_LEG_G1	LIMESTONE	COAL	NORTH	12/1/85	831.0	OPERATIONAL
LIMESTONE 2		LEG_LEG_G2	LIMESTONE	COAL	NORTH	12/1/86	858.0	OPERATIONAL
MARTIN LAKE 1		MLSES_UNIT1	RUSK	COAL	NORTH	5/16/77	815.0	OPERATIONAL
MARTIN LAKE 2		MLSES_UNIT2	RUSK	COAL	NORTH	5/23/78	820.0	OPERATIONAL
MONTICELLO 3		MNSES_UNIT3	TITUS	COAL	NORTH	8/1/78	795.0	OPERATIONAL
OAK GROVE SES UNIT 1	09INR0006	OGSES_UNIT1A	ROBERTSON	COAL	NORTH	4/14/10	840.0	OPERATIONAL
OAK GROVE SES UNIT 2	09INR0006	OGSES_UNIT2	ROBERTSON	COAL	NORTH	4/19/11	825.0	OPERATIONAL
OKLAUNION 1		OKLA_OKLA_G1	WILBARGER	COAL	WEST	12/24/86	650.0	OPERATIONAL
SAN MIGUEL 1		SANMIGL_SANMIGG1	ATASCOSA	COAL	SOUTH	2/7/82	391.0	OPERATIONAL
SANDOW 5	08INR003	SD5SES_UNITS	MILAM	COAL	SOUTH	1/6/10	570.0	OPERATIONAL
SANDY CREEK 1		SCSES_UNIT1	MCLENNAN	COAL	NORTH	7/17/13	970.0	OPERATIONAL
TWIN OAKS 1		TNP_ONE_TNP_O_1	ROBERTSON	COAL	NORTH	6/8/90	158.0	OPERATIONAL
TWIN OAKS 2		TNP_ONE_TNP_O_2	ROBERTSON	COAL	NORTH	5/31/91	158.0	OPERATIONAL
W A PARISH 5		WAP_WAP_G5	FT. BEND	COAL	HOUSTON	12/27/77	659.0	OPERATIONAL
W A PARISH 6		WAP_WAP_G6	FT. BEND	COAL	HOUSTON	12/27/78	658.0	OPERATIONAL
W A PARISH 7		WAP_WAP_G7	FT. BEND	COAL	HOUSTON	6/2/80	577.0	OPERATIONAL
W A PARISH 8		WAP_WAP_G8	FT. BEND	COAL	HOUSTON	12/1/82	610.0	OPERATIONAL
A VON ROSENBERG 1-CT1		BRAUNIG_AVR1_CT1	BEXAR	GAS	SOUTH	1/1/00	155.0	OPERATIONAL
A VON ROSENBERG 1-CT2		BRAUNIG_AVR1_CT2	BEXAR	GAS	SOUTH	1/1/00	155.0	OPERATIONAL
A VON ROSENBERG 1-ST1		BRAUNIG_AVR1_ST	BEXAR	GAS	SOUTH	1/1/00	180.0	OPERATIONAL
B M DAVIS STG 2		B_DAVIS_B_DAVIG2	NUECES	GAS	SOUTH	3/1/76	322.0	OPERATIONAL
B M DAVIS CTG 3		B_DAVIS_B_DAVIG3	NUECES	GAS	SOUTH	3/26/10	161.0	OPERATIONAL
B M DAVIS CTG 4		B_DAVIS_B_DAVIG4	NUECES	GAS	SOUTH	3/26/10	161.0	OPERATIONAL
BASTROP ENERGY CENTER CTG 1		BASTEN_GTG1100	BASTROP	GAS	SOUTH	3/13/02	157.0	OPERATIONAL
BASTROP ENERGY CENTER CTG 2		BASTEN_GTG2100	BASTROP	GAS	SOUTH	3/13/02	157.0	OPERATIONAL
BASTROP ENERGY CENTER CTG 3		BASTEN_ST0100	BASTROP	GAS	SOUTH	3/13/02	236.0	OPERATIONAL
BOSQUE COUNTY PEAKING CTG 1		BOSQUESW_BSQSU_1	BOSQUE	GAS	NORTH	6/1/00	157.2	OPERATIONAL
BOSQUE COUNTY PEAKING CTG 2		BOSQUESW_BSQSU_2	BOSQUE	GAS	NORTH	6/1/00	157.2	OPERATIONAL
BOSQUE COUNTY PEAKING CTG 3		BOSQUESW_BSQSU_3	BOSQUE	GAS	NORTH	6/1/01	159.5	OPERATIONAL
BOSQUE COUNTY PEAKING CTG 4		BOSQUESW_BSQSU_4	BOSQUE	GAS	NORTH	6/1/01	83.3	OPERATIONAL
BOSQUE COUNTY PEAKING CTG 5		BOSQUESW_BSQSU_5	BOSQUE	GAS	NORTH	3/1/09	196.6	OPERATIONAL
BRAZOS VALLEY CTG 1		BVE_UNIT1	FORT BEND	GAS	HOUSTON	1/21/03	168.0	OPERATIONAL
BRAZOS VALLEY CTG 2		BVE_UNIT2	FORT BEND	GAS	HOUSTON	1/21/03	168.0	OPERATIONAL
BRAZOS VALLEY CTG 3		BVE_UNIT3	FORT BEND	GAS	HOUSTON	1/21/03	270.0	OPERATIONAL
CALENERGY (FALCON SEABOARD) CTG 1		FLCNS_UNIT1	HOWARD	GAS	WEST	7/20/87	77.0	OPERATIONAL
CALENERGY (FALCON SEABOARD) CTG 2		FLCNS_UNIT2	HOWARD	GAS	WEST	7/21/87	77.0	OPERATIONAL
CALENERGY (FALCON SEABOARD) CTG 3		FLCNS_UNIT3	HOWARD	GAS	WEST	2/18/88	71.0	OPERATIONAL
CEDAR BAYOU CTG 4	08INR0035	CBY4_CT41	CHAMBERS	GAS	HOUSTON	3/9/09	168.0	OPERATIONAL
CEDAR BAYOU CTG 5	08INR0035	CBY4_CT42	CHAMBERS	GAS	HOUSTON	3/9/09	168.0	OPERATIONAL
CEDAR BAYOU CTG 6	08INR0035	CBY4_ST04	CHAMBERS	GAS	HOUSTON	3/9/09	182.0	OPERATIONAL
COLORADO BEND ENERGY CENTER CTG 1		CBEC_GT1	WHARTON	GAS	HOUSTON	4/4/07	84.0	OPERATIONAL
COLORADO BEND ENERGY CENTER CTG 2		CBEC_GT2	WHARTON	GAS	HOUSTON	4/4/07	76.0	OPERATIONAL
COLORADO BEND ENERGY CENTER CTG 3		CBEC_GT3	WHARTON	GAS	HOUSTON	6/1/08	75.0	OPERATIONAL
COLORADO BEND ENERGY CENTER CTG 4		CBEC_GT4	WHARTON	GAS	HOUSTON	6/1/08	75.0	OPERATIONAL
COLORADO BEND ENERGY CENTER CTG 5		CBEC_STG1	WHARTON	GAS	HOUSTON	4/4/07	103.0	OPERATIONAL
COLORADO BEND ENERGY CENTER CTG 6		CBEC_STG2	WHARTON	GAS	HOUSTON	6/1/08	108.0	OPERATIONAL
CVC CHANNELVIEW CTG 1		CVC_CVC_G1	HARRIS	GAS	HOUSTON	7/1/08	157.8	OPERATIONAL
CVC CHANNELVIEW CTG 2		CVC_CVC_G2	HARRIS	GAS	HOUSTON	7/1/08	166.5	OPERATIONAL
CVC CHANNELVIEW CTG 3		CVC_CVC_G3	HARRIS	GAS	HOUSTON	7/1/08	165.8	OPERATIONAL

UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
CVC CHANNELVIEW STG 5		CVC_CVC_G5	HARRIS	GAS	HOUSTON	7/1/08	132.9	OPERATIONAL
DEER PARK ENERGY CENTER CTG 1		DDPEC_GT1	HARRIS	GAS	HOUSTON	11/10/02	194.0	OPERATIONAL
DEER PARK ENERGY CENTER CTG 2		DDPEC_GT2	HARRIS	GAS	HOUSTON	11/10/02	206.0	OPERATIONAL
DEER PARK ENERGY CENTER CTG 3		DDPEC_GT3	HARRIS	GAS	HOUSTON	11/10/02	194.0	OPERATIONAL
DEER PARK ENERGY CENTER CTG 4		DDPEC_GT4	HARRIS	GAS	HOUSTON	11/10/02	206.0	OPERATIONAL
DEER PARK ENERGY CENTER STG		DDPEC_ST1	HARRIS	GAS	HOUSTON	11/10/02	290.0	OPERATIONAL
ENNIS POWER STATION STG 1		ETCCS_UNIT1	ELLIS	GAS	NORTH	1/1/02	127.0	OPERATIONAL
ENNIS POWER STATION CTG 2		ETCCS_CT1	ELLIS	GAS	NORTH	1/1/02	231.0	OPERATIONAL
FORNEY ENERGY CENTER CTG 11		FRNYPP_GT11	KAUFMAN	GAS	NORTH	2/1/03	176.8	OPERATIONAL
FORNEY ENERGY CENTER CTG 12		FRNYPP_GT12	KAUFMAN	GAS	NORTH	2/1/03	176.8	OPERATIONAL
FORNEY ENERGY CENTER CTG 13		FRNYPP_GT13	KAUFMAN	GAS	NORTH	2/1/03	176.8	OPERATIONAL
FORNEY ENERGY CENTER CTG 21		FRNYPP_GT21	KAUFMAN	GAS	NORTH	2/1/03	176.8	OPERATIONAL
FORNEY ENERGY CENTER CTG 22		FRNYPP_GT22	KAUFMAN	GAS	NORTH	2/1/03	176.8	OPERATIONAL
FORNEY ENERGY CENTER CTG 23		FRNYPP_GT23	KAUFMAN	GAS	NORTH	2/1/03	176.8	OPERATIONAL
FORNEY ENERGY CENTER CTG 10		FRNYPP_ST10	KAUFMAN	GAS	NORTH	2/1/03	401.2	OPERATIONAL
FORNEY ENERGY CENTER STG 20		FRNYPP_ST20	KAUFMAN	GAS	NORTH	2/1/03	401.2	OPERATIONAL
FREESTONE ENERGY CENTER CTG 1		FREC_GT1	FREESTONE	GAS	NORTH	6/1/02	155.2	OPERATIONAL
FREESTONE ENERGY CENTER CTG 2		FREC_GT2	FREESTONE	GAS	NORTH	6/1/02	155.2	OPERATIONAL
FREESTONE ENERGY CENTER CTG 3		FREC_ST3	FREESTONE	GAS	NORTH	6/1/02	177.6	OPERATIONAL
FREESTONE ENERGY CENTER CTG 4		FREC_GT4	FREESTONE	GAS	NORTH	4/1/02	155.4	OPERATIONAL
FREESTONE ENERGY CENTER CTG 5		FREC_GT5	FREESTONE	GAS	NORTH	4/1/02	155.4	OPERATIONAL
FREESTONE ENERGY CENTER STG 6		FREC_ST6	FREESTONE	GAS	NORTH	4/1/02	176.5	OPERATIONAL
FRONTERA GENERATION CTG 1		FRONTERA_FRONTG1	HIDALGO	GAS	SOUTH	6/30/99	170.0	OPERATIONAL
FRONTERA GENERATION CTG 2		FRONTERA_FRONTG2	HIDALGO	GAS	SOUTH	7/22/99	170.0	OPERATIONAL
FRONTERA GENERATION STG		FRONTERA_FRONTG3	HIDALGO	GAS	SOUTH	5/15/00	184.0	OPERATIONAL
GUADALUPE GEN STN CTG 1		GUADG_GAS1	GUADALUPE	GAS	SOUTH	12/1/00	158.0	OPERATIONAL
GUADALUPE GEN STN CTG 2		GUADG_GAS2	GUADALUPE	GAS	SOUTH	12/1/00	158.0	OPERATIONAL
GUADALUPE GEN STN CTG 3		GUADG_GAS3	GUADALUPE	GAS	SOUTH	12/1/00	158.0	OPERATIONAL
GUADALUPE GEN STN CTG 4		GUADG_GAS4	GUADALUPE	GAS	SOUTH	12/1/00	158.0	OPERATIONAL
GUADALUPE GEN STN STG 5		GUADG_STM5	GUADALUPE	GAS	SOUTH	12/1/00	200.0	OPERATIONAL
GUADALUPE GEN STN STG 6		GUADG_STM6	GUADALUPE	GAS	SOUTH	12/1/00	200.0	OPERATIONAL
HAYS ENERGY FACILITY CSG 1		HAYSEN_HAYSENG1	HAYS	GAS	SOUTH	5/28/02	220.0	OPERATIONAL
HAYS ENERGY FACILITY CSG 2		HAYSEN_HAYSENG2	HAYS	GAS	SOUTH	4/19/02	220.0	OPERATIONAL
HAYS ENERGY FACILITY CSG 3		HAYSEN_HAYSENG3	HAYS	GAS	SOUTH	8/16/02	225.0	OPERATIONAL
HAYS ENERGY FACILITY CSG 4		HAYSEN_HAYSENG4	HAYS	GAS	SOUTH	8/15/02	225.0	OPERATIONAL
HIDALGO CTG 1		DUKE_DUKE_GT1	HIDALGO	GAS	SOUTH	1/1/00	145.0	OPERATIONAL
HIDALGO CTG 2		DUKE_DUKE_GT2	HIDALGO	GAS	SOUTH	1/1/00	145.0	OPERATIONAL
HIDALGO STG		DUKE_DUKE_ST1	HIDALGO	GAS	SOUTH	1/1/00	173.0	OPERATIONAL
JACK COUNTY GEN FACILITY CTG 1		JACKCNTY_CT1	JACK	GAS	NORTH	7/1/05	150.0	OPERATIONAL
JACK COUNTY GEN FACILITY CTG 2		JACKCNTY_CT2	JACK	GAS	NORTH	7/1/05	150.0	OPERATIONAL
JACK COUNTY GEN FACILITY STG 1		JACKCNTY_STG	JACK	GAS	NORTH	7/1/05	285.0	OPERATIONAL
JACK COUNTY GEN FACILITY CTG 3		JCKCNTY2_CT3	JACK	GAS	NORTH	8/5/11	150.0	OPERATIONAL
JACK COUNTY GEN FACILITY CTG 4		JCKCNTY2_CT4	JACK	GAS	NORTH	8/5/11	150.0	OPERATIONAL
JACK COUNTY GEN FACILITY STG 2		JCKCNTY2_ST2	JACK	GAS	NORTH	8/5/11	285.0	OPERATIONAL
JOHNSON COUNTY GEN FACILITY CTG		TEN_CT1	JOHNSON	GAS	NORTH	1/2/97	163.0	OPERATIONAL
JOHNSON COUNTY GEN FACILITY STG		TEN_STG	JOHNSON	GAS	NORTH	1/2/97	106.0	OPERATIONAL
LAMAR POWER PROJECT CT11		LPCCS_CT11	LAMAR	GAS	NORTH	7/4/00	161.5	OPERATIONAL
LAMAR POWER PROJECT CT12		LPCCS_CT12	LAMAR	GAS	NORTH	7/4/00	161.5	OPERATIONAL
LAMAR POWER PROJECT CT21		LPCCS_CT21	LAMAR	GAS	NORTH	7/4/00	161.5	OPERATIONAL
LAMAR POWER PROJECT CT22		LPCCS_CT22	LAMAR	GAS	NORTH	7/4/00	161.5	OPERATIONAL
LAMAR POWER PROJECT STG1		LPCCS_UNIT1	LAMAR	GAS	NORTH	7/4/00	195.0	OPERATIONAL
LAMAR POWER PROJECT STG2		LPCCS_UNIT2	LAMAR	GAS	NORTH	7/4/00	195.0	OPERATIONAL
LOST PINES CTG 1		LOSTPI_LOSTPGT1	BASTROP	GAS	SOUTH	5/27/01	178.0	OPERATIONAL
LOST PINES CTG 2		LOSTPI_LOSTPGT2	BASTROP	GAS	SOUTH	5/27/01	172.0	OPERATIONAL
LOST PINES STG		LOSTPI_LOSTPST1	BASTROP	GAS	SOUTH	5/27/01	188.0	OPERATIONAL
MAGIC VALLEY CTG 1		NEDIN_NEDIN_G1	HIDALGO	GAS	SOUTH	7/11/01	212.5	OPERATIONAL
MAGIC VALLEY CTG 2		NEDIN_NEDIN_G2	HIDALGO	GAS	SOUTH	7/11/01	212.5	OPERATIONAL
MAGIC VALLEY STG		NEDIN_NEDIN_G3	HIDALGO	GAS	SOUTH	7/11/01	254.9	OPERATIONAL
MIDLOTHIAN CS 1		MDANP_CT1	ELLIS	GAS	NORTH	3/18/01	235.0	OPERATIONAL
MIDLOTHIAN CS 2		MDANP_CT2	ELLIS	GAS	NORTH	3/15/01	235.0	OPERATIONAL
MIDLOTHIAN CS 3		MDANP_CT3	ELLIS	GAS	NORTH	1/22/01	235.0	OPERATIONAL
MIDLOTHIAN CS 4		MDANP_CT4	ELLIS	GAS	NORTH	2/8/01	235.0	OPERATIONAL
MIDLOTHIAN CS 5		MDANP_CT5	ELLIS	GAS	NORTH	6/28/02	252.0	OPERATIONAL
MIDLOTHIAN CS 6		MDANP_CT6	ELLIS	GAS	NORTH	6/7/02	252.0	OPERATIONAL

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NUECES BAY STG 7		NUECES_B_NUECESG7	NUECES	GAS	SOUTH	1/1/72	322.0	OPERATIONAL
NUECES BAY CTG 8		NUECES_B_NUECESG8	NUECES	GAS	SOUTH	3/20/10	161.0	OPERATIONAL
NUECES BAY CTG 9		NUECES_B_NUECESG9	NUECES	GAS	SOUTH	3/20/10	161.0	OPERATIONAL
ODESSA-ECTOR GEN STN CTG 11		OECCS_CT11	ECTOR	GAS	WEST	6/1/01	156.4	OPERATIONAL
ODESSA-ECTOR GEN STN CTG 12		OECCS_CT12	ECTOR	GAS	WEST	6/1/01	145.4	OPERATIONAL
ODESSA-ECTOR GEN STN CTG 21		OECCS_CT21	ECTOR	GAS	WEST	6/1/01	149.9	OPERATIONAL
ODESSA-ECTOR GEN STN CTG 22		OECCS_CT22	ECTOR	GAS	WEST	6/1/01	147.5	OPERATIONAL
ODESSA-ECTOR GEN STN STG 1		OECCS_UNIT1	ECTOR	GAS	WEST	6/1/01	216.0	OPERATIONAL
ODESSA-ECTOR GEN STN STG 2		OECCS_UNIT2	ECTOR	GAS	WEST	6/1/01	216.0	OPERATIONAL
PARIS ENERGY CENTER CTG 1		TNSKA_GT1	LAMAR	GAS	NORTH	6/1/89	86.0	OPERATIONAL
PARIS ENERGY CENTER CTG 2		TNSKA_GT2	LAMAR	GAS	NORTH	6/1/89	86.0	OPERATIONAL
PARIS ENERGY CENTER STG		TNSKA_STG	LAMAR	GAS	NORTH	2/1/90	87.0	OPERATIONAL
PASGEN CTG 2		PSG_PSG_GT2	HARRIS	GAS	HOUSTON	6/2/00	168.0	OPERATIONAL
PASGEN CTG 3		PSG_PSG_GT3	HARRIS	GAS	HOUSTON	6/2/00	168.0	OPERATIONAL
PASGEN STG 2		PSG_PSG_ST2	HARRIS	GAS	HOUSTON	6/2/00	168.0	OPERATIONAL
QUAIL RUN ENERGY CTG 1		QALSW_GT2	ECTOR	GAS	WEST	4/12/07	81.0	OPERATIONAL
QUAIL RUN ENERGY CTG 2		QALSW_GT3	ECTOR	GAS	WEST	5/3/08	80.0	OPERATIONAL
QUAIL RUN ENERGY CTG 3		QALSW_STG1	ECTOR	GAS	WEST	4/12/07	98.0	OPERATIONAL
QUAIL RUN ENERGY CTG 4		QALSW_STG2	ECTOR	GAS	WEST	5/3/08	98.0	OPERATIONAL
QUAIL RUN ENERGY STG 1		QALSW_GT1	ECTOR	GAS	WEST	4/12/07	81.0	OPERATIONAL
QUAIL RUN ENERGY STG 2		QALSW_GT4	ECTOR	GAS	WEST	5/3/08	80.0	OPERATIONAL
RAYBURN CTG 7		RAYBURN_RAYBURG7	VICTORIA	GAS	SOUTH	6/24/03	50.0	OPERATIONAL
RAYBURN CTG 8		RAYBURN_RAYBURG8	VICTORIA	GAS	SOUTH	6/26/03	51.0	OPERATIONAL
RAYBURN CTG 9		RAYBURN_RAYBURG9	VICTORIA	GAS	SOUTH	6/26/03	50.0	OPERATIONAL
RAYBURN STG 10		RAYBURN_RAYBURG10	VICTORIA	GAS	SOUTH	6/26/03	40.0	OPERATIONAL
RIO NOGALES CTG 1		RIONOG_CT1	GUADALUPE	GAS	SOUTH	6/1/02	162.0	OPERATIONAL
RIO NOGALES CTG 2		RIONOG_CT2	GUADALUPE	GAS	SOUTH	6/1/02	162.0	OPERATIONAL
RIO NOGALES CTG 3		RIONOG_CT3	GUADALUPE	GAS	SOUTH	6/1/02	162.0	OPERATIONAL
RIO NOGALES STG 4		RIONOG_ST1	GUADALUPE	GAS	SOUTH	6/1/02	323.0	OPERATIONAL
SANDHILL ENERGY CENTER CTG 5A	031NR0033	SANDHSYD_SH_5A	TRAVIS	GAS	SOUTH	9/1/04	161.0	OPERATIONAL
SANDHILL ENERGY CENTER STG 5C	031NR0033	SANDHSYD_SH_5C	TRAVIS	GAS	SOUTH	9/1/04	150.0	OPERATIONAL
SILAS RAY STG 6		SILASRAY_SILAS_6	CAMERON	GAS	SOUTH	3/2/62	20.0	OPERATIONAL
SILAS RAY CTG 9		SILASRAY_SILAS_9	CAMERON	GAS	SOUTH	1/1/96	38.0	OPERATIONAL
T H WHARTON STG 3		THW_THWST_3	HARRIS	GAS	HOUSTON	8/16/74	104.0	OPERATIONAL
T H WHARTON CTG 31		THW_THWGT31	HARRIS	GAS	HOUSTON	7/31/72	57.0	OPERATIONAL
T H WHARTON CTG 32		THW_THWGT32	HARRIS	GAS	HOUSTON	7/31/72	57.0	OPERATIONAL
T H WHARTON CTG 33		THW_THWGT33	HARRIS	GAS	HOUSTON	7/31/72	57.0	OPERATIONAL
T H WHARTON CTG 34		THW_THWGT34	HARRIS	GAS	HOUSTON	7/31/72	57.0	OPERATIONAL
T H WHARTON STG 4		THW_THWST_4	HARRIS	GAS	HOUSTON	8/16/74	104.0	OPERATIONAL
T H WHARTON CTG 41		THW_THWGT41	HARRIS	GAS	HOUSTON	7/31/72	57.0	OPERATIONAL
T H WHARTON CTG 42		THW_THWGT42	HARRIS	GAS	HOUSTON	7/31/72	57.0	OPERATIONAL
T H WHARTON CTG 43		THW_THWGT43	HARRIS	GAS	HOUSTON	8/16/74	57.0	OPERATIONAL
T H WHARTON CTG 44		THW_THWGT44	HARRIS	GAS	HOUSTON	8/16/74	57.0	OPERATIONAL
TEXAS CITY CTG A		TXCTY_CTA	GALVESTON	GAS	HOUSTON	1/1/00	99.1	OPERATIONAL
TEXAS CITY CTG B		TXCTY_CTB	GALVESTON	GAS	HOUSTON	1/1/00	99.1	OPERATIONAL
TEXAS CITY CTG C		TXCTY_CTC	GALVESTON	GAS	HOUSTON	1/1/00	99.1	OPERATIONAL
TEXAS CITY STG		TXCTY_ST	GALVESTON	GAS	HOUSTON	1/1/00	131.5	OPERATIONAL
VICTORIA POWER STATION STG 5	081NR0050	VICTORIA_VICTORG5	VICTORIA	GAS	SOUTH	10/15/09	125.0	OPERATIONAL
VICTORIA POWER STATION STG 6	081NR0050	VICTORIA_VICTORG6	VICTORIA	GAS	SOUTH	10/15/09	160.0	OPERATIONAL
WICHITA FALLS CTG 1		WFCOGEN_UNIT1	WICHITA	GAS	WEST	6/19/87	20.0	OPERATIONAL
WICHITA FALLS CTG 2		WFCOGEN_UNIT2	WICHITA	GAS	WEST	6/19/87	20.0	OPERATIONAL
WICHITA FALLS CTG 3		WFCOGEN_UNIT3	WICHITA	GAS	WEST	6/19/87	20.0	OPERATIONAL
WICHITA FALLS STG 4		WFCOGEN_UNIT4	WICHITA	GAS	WEST	6/19/87	17.0	OPERATIONAL
WISE-TRACTEBEL POWER CTG 1		WCPP_CT1	WISE	GAS	NORTH	1/3/04	275.0	OPERATIONAL
WISE-TRACTEBEL POWER CTG 2		WCPP_CT2	WISE	GAS	NORTH	1/3/04	275.0	OPERATIONAL
WISE-TRACTEBEL POWER STG 1		WCPP_ST1	WISE	GAS	NORTH	1/3/04	290.0	OPERATIONAL
WOLF HOLLOW POWER CTG 1		WHCCS_CT1	HOOD	GAS	NORTH	7/24/02	227.0	OPERATIONAL
WOLF HOLLOW POWER CTG 2		WHCCS_CT2	HOOD	GAS	NORTH	7/24/02	227.0	OPERATIONAL
WOLF HOLLOW POWER STG		WHCCS_STG	HOOD	GAS	NORTH	7/24/02	286.0	OPERATIONAL
ATKINS 7		ATKINS_ATKINSG7	BRAZOS	GAS	NORTH	1/1/73	20.0	OPERATIONAL
DANSBY 2		DANSBY_DANSBYG2	BRAZOS	GAS	NORTH	2/1/04	48.0	OPERATIONAL
DANSBY 3		DANSBY_DANSBYG3	BRAZOS	GAS	NORTH	1/11/10	50.0	OPERATIONAL
DECKER CREEK G1		DECKER_DPGT_1	TRAVIS	GAS	SOUTH	1/30/89	49.0	OPERATIONAL
DECKER CREEK G2		DECKER_DPGT_2	TRAVIS	GAS	SOUTH	1/30/89	49.0	OPERATIONAL

UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
DECKER CREEK G3		DECKER_DPGT_3	TRAVIS	GAS	SOUTH	1/30/89	49.0	OPERATIONAL
DECKER CREEK G4		DECKER_DPGT_4	TRAVIS	GAS	SOUTH	1/30/89	49.0	OPERATIONAL
DECORDOVA A		DCSES_CT10	HOOD	GAS	NORTH	6/1/10	74.0	OPERATIONAL
DECORDOVA B		DCSES_CT20	HOOD	GAS	NORTH	6/1/10	73.0	OPERATIONAL
DECORDOVA C		DCSES_CT30	HOOD	GAS	NORTH	6/1/10	72.0	OPERATIONAL
DECORDOVA D		DCSES_CT40	HOOD	GAS	NORTH	6/1/10	71.0	OPERATIONAL
EXTEX LA PORTE PWR STN (AIRPRO) 1		AZ_AZ_G1	HARRIS	GAS	HOUSTON	11/30/09	42.0	OPERATIONAL
EXTEX LA PORTE PWR STN (AIRPRO) 2		AZ_AZ_G2	HARRIS	GAS	HOUSTON	11/30/09	42.0	OPERATIONAL
EXTEX LA PORTE PWR STN (AIRPRO) 3		AZ_AZ_G3	HARRIS	GAS	HOUSTON	11/30/09	42.0	OPERATIONAL
EXTEX LA PORTE PWR STN (AIRPRO) 4		AZ_AZ_G4	HARRIS	GAS	HOUSTON	11/30/09	42.0	OPERATIONAL
GREENS BAYOU 73		GBY_GBYGT73	HARRIS	GAS	HOUSTON	12/16/76	54.0	OPERATIONAL
GREENS BAYOU 74		GBY_GBYGT74	HARRIS	GAS	HOUSTON	12/16/76	54.0	OPERATIONAL
GREENS BAYOU 81		GBY_GBYGT81	HARRIS	GAS	HOUSTON	12/16/76	54.0	OPERATIONAL
GREENS BAYOU 83		GBY_GBYGT83	HARRIS	GAS	HOUSTON	12/16/76	64.0	OPERATIONAL
GREENS BAYOU 84		GBY_GBYGT84	HARRIS	GAS	HOUSTON	12/16/76	58.0	OPERATIONAL
GREENVILLE ENGINE PLANT		STEAM_ENGINE_1	HUNT	GAS	NORTH	6/1/10	8.4	OPERATIONAL
GREENVILLE ENGINE PLANT		STEAM_ENGINE_2	HUNT	GAS	NORTH	6/1/10	8.4	OPERATIONAL
GREENVILLE ENGINE PLANT		STEAM_ENGINE_3	HUNT	GAS	NORTH	6/1/10	8.4	OPERATIONAL
LAREDO PEAKING 4		LARDVFTN_G4	WEBB	GAS	SOUTH	7/27/08	94.2	OPERATIONAL
LAREDO PEAKING 5		LARDVFTN_G5	WEBB	GAS	SOUTH	8/20/08	94.2	OPERATIONAL
LEON CREEK PEAKING 1		LEON_CRK_LCPCT1	BEXAR	GAS	SOUTH	3/26/04	48.0	OPERATIONAL
LEON CREEK PEAKING 2		LEON_CRK_LCPCT2	BEXAR	GAS	SOUTH	4/8/04	48.0	OPERATIONAL
LEON CREEK PEAKING 3		LEON_CRK_LCPCT3	BEXAR	GAS	SOUTH	4/15/04	48.0	OPERATIONAL
LEON CREEK PEAKING 4		LEON_CRK_LCPCT4	BEXAR	GAS	SOUTH	4/22/04	48.0	OPERATIONAL
MORGAN CREEK A		MGSES_CT1	MITCHELL	GAS	WEST	7/1/88	77.0	OPERATIONAL
MORGAN CREEK B		MGSES_CT2	MITCHELL	GAS	WEST	7/1/88	77.0	OPERATIONAL
MORGAN CREEK C		MGSES_CT3	MITCHELL	GAS	WEST	7/1/88	77.0	OPERATIONAL
MORGAN CREEK D		MGSES_CT4	MITCHELL	GAS	WEST	7/1/88	77.0	OPERATIONAL
MORGAN CREEK E		MGSES_CT5	MITCHELL	GAS	WEST	7/1/88	77.0	OPERATIONAL
MORGAN CREEK F		MGSES_CT6	MITCHELL	GAS	WEST	7/1/88	77.0	OPERATIONAL
PEARSALL ENGINE PLANT	091NR0079a	PEARSAL2_AGR_A	FRIO	GAS	SOUTH	6/29/12	50.6	OPERATIONAL
PEARSALL ENGINE PLANT	091NR0079a	PEARSAL2_AGR_B	FRIO	GAS	SOUTH	6/29/12	50.6	OPERATIONAL
PEARSALL ENGINE PLANT	091NR0079b	PEARSAL2_AGR_C	FRIO	GAS	SOUTH	6/29/12	50.6	OPERATIONAL
PEARSALL ENGINE PLANT	091NR0079b	PEARSAL2_AGR_D	FRIO	GAS	SOUTH	6/29/12	50.6	OPERATIONAL
PERMIAN BASIN A		PB2SES_CT1	WARD	GAS	WEST	5/1/88	71.0	OPERATIONAL
PERMIAN BASIN B		PB2SES_CT2	WARD	GAS	WEST	5/1/88	70.0	OPERATIONAL
PERMIAN BASIN C		PB2SES_CT3	WARD	GAS	WEST	5/1/88	73.0	OPERATIONAL
PERMIAN BASIN D		PB2SES_CT4	WARD	GAS	WEST	2/1/90	74.0	OPERATIONAL
PERMIAN BASIN E		PB2SES_CT5	WARD	GAS	WEST	2/1/90	74.0	OPERATIONAL
R W MILLER 4		MIL_MILLERG4	PALO PINTO	GAS	NORTH	1/1/00	104.0	OPERATIONAL
R W MILLER 5		MIL_MILLERG5	PALO PINTO	GAS	NORTH	1/1/00	104.0	OPERATIONAL
RAY OLINGER 4		OLINGR_OLING_4	COLLIN	GAS	NORTH	6/1/01	75.0	OPERATIONAL
RAYBURN 1		RAYBURN_RAYBURG1	VICTORIA	GAS	SOUTH	3/8/63	13.5	OPERATIONAL
RAYBURN 2		RAYBURN_RAYBURG2	VICTORIA	GAS	SOUTH	3/1/63	13.5	OPERATIONAL
SAN JACINTO SES 1		SJS_SJS_G1	HARRIS	GAS	HOUSTON	4/21/95	81.0	OPERATIONAL
SAN JACINTO SES 2		SJS_SJS_G2	HARRIS	GAS	HOUSTON	4/21/95	81.0	OPERATIONAL
SANDHILL ENERGY CENTER 1	011NR0041	SANDHSYD_SH1	TRAVIS	GAS	SOUTH	6/20/01	47.0	OPERATIONAL
SANDHILL ENERGY CENTER 2	011NR0041	SANDHSYD_SH2	TRAVIS	GAS	SOUTH	6/20/01	47.0	OPERATIONAL
SANDHILL ENERGY CENTER 3	011NR0041	SANDHSYD_SH3	TRAVIS	GAS	SOUTH	6/20/01	47.0	OPERATIONAL
SANDHILL ENERGY CENTER 4	011NR0041	SANDHSYD_SH4	TRAVIS	GAS	SOUTH	6/20/01	47.0	OPERATIONAL
SANDHILL ENERGY CENTER 6	091NR0045	SANDHSYD_SH6	TRAVIS	GAS	SOUTH	3/22/10	47.0	OPERATIONAL
SANDHILL ENERGY CENTER 7	091NR0045	SANDHSYD_SH7	TRAVIS	GAS	SOUTH	4/9/10	47.0	OPERATIONAL
SILAS RAY 10	041NR0014	SILASRAY_SILAS_10	CAMERON	GAS	SOUTH	1/1/04	46.0	OPERATIONAL
T H WHARTON 51		THW_THWGT51	HARRIS	GAS	HOUSTON	11/21/75	57.0	OPERATIONAL
T H WHARTON 52		THW_THWGT52	HARRIS	GAS	HOUSTON	11/21/75	57.0	OPERATIONAL
T H WHARTON 53		THW_THWGT53	HARRIS	GAS	HOUSTON	11/21/75	57.0	OPERATIONAL
T H WHARTON 54		THW_THWGT54	HARRIS	GAS	HOUSTON	11/21/75	57.0	OPERATIONAL
T H WHARTON 55		THW_THWGT55	HARRIS	GAS	HOUSTON	11/21/75	57.0	OPERATIONAL
T H WHARTON 56		THW_THWGT56	HARRIS	GAS	HOUSTON	11/21/75	57.0	OPERATIONAL
T H WHARTON G1		THW_THWGT_1	HARRIS	GAS	HOUSTON	7/31/67	13.0	OPERATIONAL
TEXAS GULF SULPHUR		TGF_TGFGT_1	WHARTON	GAS	HOUSTON	4/25/85	89.0	OPERATIONAL
V H BRAUNIG 5		BRAUNIG_VHB6CT5	BEXAR	GAS	SOUTH	10/2/09	48.0	OPERATIONAL
V H BRAUNIG 6		BRAUNIG_VHB6CT6	BEXAR	GAS	SOUTH	10/2/09	48.0	OPERATIONAL
V H BRAUNIG 7		BRAUNIG_VHB6CT7	BEXAR	GAS	SOUTH	10/2/09	48.0	OPERATIONAL

UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
V H BRAUNIG 8		BRAUNIG_VHB6CT8	BEXAR	GAS	SOUTH	10/2/09	48.0	OPERATIONAL
W A PARISH T1		WAP_WAPGT_1	FT. BEND	GAS	HOUSTON	7/31/67	13.0	OPERATIONAL
W A PARISH - PETRO NOVA	12INR0086	PNPI_GT2	FORT BEND	GAS	HOUSTON	6/15/13	83.0	OPERATIONAL
WINCHESTER POWER PARK 1	09INR0027	WIPOPA_WPP_G1	FAYETTE	GAS	SOUTH	5/31/09	44.0	OPERATIONAL
WINCHESTER POWER PARK 2	09INR0027	WIPOPA_WPP_G2	FAYETTE	GAS	SOUTH	5/31/09	44.0	OPERATIONAL
WINCHESTER POWER PARK 3	09INR0027	WIPOPA_WPP_G3	FAYETTE	GAS	SOUTH	5/31/09	44.0	OPERATIONAL
WINCHESTER POWER PARK 4	09INR0027	WIPOPA_WPP_G4	FAYETTE	GAS	SOUTH	5/31/09	44.0	OPERATIONAL
B M DAVIS 1		B_DAVIS_B_DAVIG1	NUECES	GAS	SOUTH	4/15/74	335.0	OPERATIONAL
CEDAR BAYOU 1		CBY_CBY_G1	CHAMBERS	GAS	HOUSTON	12/11/70	745.0	OPERATIONAL
CEDAR BAYOU 2		CBY_CBY_G2	CHAMBERS	GAS	HOUSTON	3/15/72	749.0	OPERATIONAL
DANSBY 1		DANSBY_DANSBYG1	BRAZOS	GAS	NORTH	9/1/78	110.0	OPERATIONAL
DECKER CREEK 1		DECKER_DPG1	TRAVIS	GAS	SOUTH	7/1/71	320.0	OPERATIONAL
DECKER CREEK 2		DECKER_DPG2	TRAVIS	GAS	SOUTH	1/12/78	420.0	OPERATIONAL
GRAHAM 1		GRSES_UNIT1	YOUNG	GAS	WEST	12/19/60	225.0	OPERATIONAL
GRAHAM 2		GRSES_UNIT2	YOUNG	GAS	WEST	6/5/69	390.0	OPERATIONAL
GREENS BAYOU 5		GBY_GBY_5	HARRIS	GAS	HOUSTON	6/16/73	406.0	OPERATIONAL
HANDLEY 3		HLSES_UNIT3	TARRANT	GAS	NORTH	1/1/63	395.0	OPERATIONAL
HANDLEY 4		HLSES_UNIT4	TARRANT	GAS	NORTH	1/1/76	435.0	OPERATIONAL
HANDLEY 5		HLSES_UNIT5	TARRANT	GAS	NORTH	1/1/77	435.0	OPERATIONAL
LAKE HUBBARD 1		LHSES_UNIT1	DALLAS	GAS	NORTH	6/18/70	392.0	OPERATIONAL
LAKE HUBBARD 2		LH2SES_UNIT2	DALLAS	GAS	NORTH	11/20/73	515.0	OPERATIONAL
MOUNTAIN CREEK 6		MCSES_UNIT6	DALLAS	GAS	NORTH	1/1/56	121.0	OPERATIONAL
MOUNTAIN CREEK 7		MCSES_UNIT7	DALLAS	GAS	NORTH	1/1/58	117.0	OPERATIONAL
MOUNTAIN CREEK 8		MCSES_UNIT8	DALLAS	GAS	NORTH	1/1/67	567.0	OPERATIONAL
O W SOMMERS 1		CALAVERS_OWS1	BEXAR	GAS	SOUTH	1/1/72	420.0	OPERATIONAL
O W SOMMERS 2		CALAVERS_OWS2	BEXAR	GAS	SOUTH	1/1/74	420.0	OPERATIONAL
PEARSALL 1		PEARSALL_PEAR_S_1	FRIO	GAS	SOUTH	6/1/61	25.0	OPERATIONAL
PEARSALL 2		PEARSALL_PEAR_S_2	FRIO	GAS	SOUTH	7/1/61	25.0	OPERATIONAL
PEARSALL 3		PEARSALL_PEAR_S_3	FRIO	GAS	SOUTH	9/1/61	25.0	OPERATIONAL
POWERLANE PLANT 1		STEAM1A_STEAM_1	HUNT	GAS	NORTH	1/1/66	20.0	OPERATIONAL
POWERLANE PLANT 2		STEAM_STEAM_2	HUNT	GAS	NORTH	1/1/67	26.0	OPERATIONAL
POWERLANE PLANT 3		STEAM_STEAM_3	HUNT	GAS	NORTH	1/1/78	41.0	OPERATIONAL
R W MILLER 1		MIL_MILLERG1	PALO PINTO	GAS	NORTH	1/1/00	75.0	OPERATIONAL
R W MILLER 2		MIL_MILLERG2	PALO PINTO	GAS	NORTH	1/1/00	120.0	OPERATIONAL
R W MILLER 3		MIL_MILLERG3	PALO PINTO	GAS	NORTH	1/1/00	208.0	OPERATIONAL
RAY OLINGER 1		OLINGR_OLING_1	COLLIN	GAS	NORTH	7/1/67	78.0	OPERATIONAL
RAY OLINGER 2		OLINGR_OLING_2	COLLIN	GAS	NORTH	5/1/71	107.0	OPERATIONAL
RAY OLINGER 3		OLINGR_OLING_3	COLLIN	GAS	NORTH	12/1/75	146.0	OPERATIONAL
SIM GIDEON 1		GIDEON_GIDEONG1	BASTROP	GAS	SOUTH	5/15/65	130.0	OPERATIONAL
SIM GIDEON 2		GIDEON_GIDEONG2	BASTROP	GAS	SOUTH	3/1/68	135.0	OPERATIONAL
SIM GIDEON 3		GIDEON_GIDEONG3	BASTROP	GAS	SOUTH	5/1/72	336.0	OPERATIONAL
SPENCER 4		SPNCER_SPNCE_4	DENTON	GAS	NORTH	8/18/66	61.0	OPERATIONAL
SPENCER 5		SPNCER_SPNCE_5	DENTON	GAS	NORTH	5/30/73	61.0	OPERATIONAL
STRYKER CREEK 1		SCSES_UNIT1A	CHEROKEE	GAS	NORTH	6/26/58	167.0	OPERATIONAL
STRYKER CREEK 2		SCSES_UNIT2	CHEROKEE	GAS	NORTH	12/21/65	502.0	OPERATIONAL
TRINIDAD 6		TRSES_UNIT6	HENDERSON	GAS	NORTH	5/26/65	226.0	OPERATIONAL
V H BRAUNIG 1		BRAUNIG_VHB1	BEXAR	GAS	SOUTH	1/1/66	220.0	OPERATIONAL
V H BRAUNIG 2		BRAUNIG_VHB2	BEXAR	GAS	SOUTH	1/1/68	230.0	OPERATIONAL
V H BRAUNIG 3		BRAUNIG_VHB3	BEXAR	GAS	SOUTH	1/1/70	412.0	OPERATIONAL
W A PARISH 1		WAP_WAP_G1	FT. BEND	GAS	HOUSTON	6/1/58	169.0	OPERATIONAL
W A PARISH 2		WAP_WAP_G2	FT. BEND	GAS	HOUSTON	12/20/58	169.0	OPERATIONAL
W A PARISH 3		WAP_WAP_G3	FT. BEND	GAS	HOUSTON	3/15/61	258.0	OPERATIONAL
W A PARISH 4		WAP_WAP_G4	FT. BEND	GAS	HOUSTON	6/1/68	552.0	OPERATIONAL
NOTREES BATTERY	12INR0076	NWF_NBS	WINKLER/ECTOF STORAGE		WEST	10/1/12	33.7	OPERATIONAL
ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	12/30/12	10.0	OPERATIONAL
OCI ALAMO 1	13INR0058	OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	12/13/13	39.2	OPERATIONAL
WEBBERVILLE	10INR0082	WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	11/23/11	28.5	OPERATIONAL
BLUE WING 1		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	8/17/10	7.6	NON-MODEL
BLUE WING 2		DG_ELMEN_1UNIT	BEXAR	SOLAR	SOUTH	9/15/10	7.3	NON-MODEL
SOMERSET 1		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	4/1/12	5.6	NON-MODEL
SOMERSET 2		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	4/1/12	5.0	NON-MODEL
SUNEDISON RABEL ROAD		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2/15/12	9.9	NON-MODEL
SUNEDISON VALLEY ROAD		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2/15/12	9.9	NON-MODEL
NACOGDOCHES POWER	09INR0007	NACPW_UNIT1	NACOGDOCHES BIOMASS		NORTH	6/22/12	105.0	OPERATIONAL



UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
LUFKIN BIOMASS	08INR0033	LFBIO_UNIT1	ANGELINA	BIOMASS	NORTH	3/1/12	45.0	OPERATIONAL
ALVIN		AV_DG1	GALVESTON	BIOMASS	HOUSTON	10/1/02	6.7	NON-MODEL
AUSTIN LANDFILL GAS		DG_SPRIN_4UNITS	TRAVIS	BIOMASS	SOUTH	11/21/07	6.4	NON-MODEL
COVEL GARDENS POWER STATION		DG_MEDIN_1UNIT	BEXAR	BIOMASS	SOUTH	12/1/05	9.6	NON-MODEL
DFW GAS RECOVERY		DG_BIO2_4UNITS	DENTON	BIOMASS	NORTH	7/31/09	6.4	NON-MODEL
DG_BIOENERGY PARTNERS		DG_BIOE_2UNITS	DENTON	BIOMASS	NORTH	1/1/88	6.2	NON-MODEL
FW REGION GEN FACILITY		DG_RDLML_1UNIT	TARRANT	BIOMASS	NORTH	6/14/11	1.6	NON-MODEL
HUMBLE		HB_DG1	HARRIS	BIOMASS	HOUSTON	12/1/02	10.0	NON-MODEL
LIBERTY		LB_DG1	HARRIS	BIOMASS	HOUSTON	11/1/02	3.9	NON-MODEL
MCKINNEY LANDFILL		DG_MKNSW_2UNITS	COLLIN	BIOMASS	NORTH	5/5/11	3.2	NON-MODEL
MESQUITE CREEK ENERGY		DG_FREIH_2UNITS	COMAL	BIOMASS	SOUTH	8/1/11	3.2	NON-MODEL
SKYLINE LANDFILL GAS		DG_FERIS_4_UNITS	DALLAS	BIOMASS	NORTH	3/31/07	6.4	NON-MODEL
TRINITY BAY		TRN_DG1	CHAMBERS	BIOMASS	HOUSTON	11/1/02	3.9	NON-MODEL
TRINITY OAKS LFG		DG_KLBRG_1UNIT	DALLAS	BIOMASS	NORTH	6/14/11	3.2	NON-MODEL
WALZEM ROAD		DG_WALZE_4UNITS	BEXAR	BIOMASS	SOUTH	10/10/02	9.8	NON-MODEL
WESTSIDE		DG_WSTHL_3UNITS	PARKER	BIOMASS	NORTH	2/5/10	4.8	NON-MODEL
KMAYBTO		DG_KMASB_1UNIT	WICHITA	BIOMASS	WEST	4/27/11	0.1	NON-MODEL
<b>TOTAL EXISTING RESOURCES</b>							<b>63686.3</b>	
AMISTAD HYDRO 1		AMISTAD_AMISTAG1	VAL VERDE		SOUTH	6/1/83	37.9	OPERATIONAL
AMISTAD HYDRO 2		AMISTAD_AMISTAG2	VAL VERDE		SOUTH	10/1/83	37.9	OPERATIONAL
AUSTIN 1		AUSTPL_AUSTING1	TRAVIS		SOUTH	4/1/40	8.0	OPERATIONAL
AUSTIN 2		AUSTPL_AUSTING2	TRAVIS		SOUTH	4/1/40	9.0	OPERATIONAL
BUCHANAN 1		BUCHAN_BUCHANG1	LLANO		SOUTH	1/1/38	16.0	OPERATIONAL
BUCHANAN 2		BUCHAN_BUCHANG2	LLANO		SOUTH	1/1/38	16.0	OPERATIONAL
BUCHANAN 3		BUCHAN_BUCHANG3	LLANO		SOUTH	5/19/50	17.0	OPERATIONAL
DENISON DAM 1		DNDAM_DENISOG1	GRAYSON		NORTH	3/1/44	40.0	OPERATIONAL
DENISON DAM 2		DNDAM_DENISOG2	GRAYSON		NORTH	3/4/48	40.0	OPERATIONAL
FALCON HYDRO 1		FALCON_FALCONG1	STARR		SOUTH	10/11/54	12.0	OPERATIONAL
FALCON HYDRO 2		FALCON_FALCONG2	STARR		SOUTH	10/11/54	12.0	OPERATIONAL
FALCON HYDRO 3		FALCON_FALCONG3	STARR		SOUTH	10/11/54	12.0	OPERATIONAL
GRANITE SHOALS 1		WIRTZ_WIRTZ_G1	BURNET		SOUTH	6/28/51	29.0	OPERATIONAL
GRANITE SHOALS 2		WIRTZ_WIRTZ_G2	BURNET		SOUTH	8/3/51	29.0	OPERATIONAL
INKS 1		INKSDA_INKS_G1	LLANO		SOUTH	1/1/38	14.0	OPERATIONAL
MARBLE FALLS 1		MARBFA_MARBFAG1	BURNET		SOUTH	10/10/51	21.0	OPERATIONAL
MARBLE FALLS 2		MARBFA_MARBFAG2	BURNET		SOUTH	9/25/51	20.0	OPERATIONAL
MARSHALL FORD 1		MARSFO_MARSFOG1	TRAVIS		SOUTH	1/1/41	36.0	OPERATIONAL
MARSHALL FORD 2		MARSFO_MARSFOG2	TRAVIS		SOUTH	1/1/41	36.0	OPERATIONAL
MARSHALL FORD 3		MARSFO_MARSFOG3	TRAVIS		SOUTH	1/1/41	29.0	OPERATIONAL
WHITNEY DAM		WND_WHITNEY1	BOSQUE		NORTH	1/1/53	20.0	OPERATIONAL
WHITNEY 2		WND_WHITNEY2	BOSQUE		NORTH	1/1/53	15.0	OPERATIONAL
CANYON		CANYHY_CANYHYG1	COMAL		SOUTH	1/1/89	6.0	NON-MODEL
EAGLE PASS HYDRO		EAGLE_HY_EAGLE_HY1	MAVERICK		SOUTH	12/22/05	9.6	NON-MODEL
LAKEWOOD TAP		DG_LKWDT_2UNITS	GONZALES		SOUTH	1/1/31	4.8	NON-MODEL
LEWISVILLE		DG_LWSVL_1UNIT	DENTON		NORTH	1/1/91	2.2	NON-MODEL
MCQUEENEY		DG_MCQUE_5UNITS	GUADALUPE		SOUTH	1/1/28	7.7	NON-MODEL
SCHUMANSVILLE		DG_SCHUM_2UNITS	GUADALUPE		SOUTH	1/1/28	3.6	NON-MODEL
<b>TOTAL HYDRO RESOURCES</b>							<b>540.7</b>	
<b>HYDRO CAPACITY CONTRIBUTION (AVERAGE MAXIMIM CAPABILITY FOR TOP 20 HOURS)</b>		HYDRO_CAP_CONT		HYDRO			446.2	
<b>TOTAL PRIVATE USE NETWORK</b>							<b>4661.0</b>	
ANACACHO WINDFARM	12INR0072	ANACACHO_ANA	KINNEY	WIND	SOUTH	12/1/12	101.0	OPERATIONAL
BARTON CHAPEL WIND	06INR0021	BRTSW_BCW1	JACK	WIND	WEST	12/1/07	120.0	OPERATIONAL
BOBCAT WIND	08INR0049	BCATWIND_WIND_1	ARCHER	WIND	NORTH	12/19/12	150.0	OPERATIONAL
BLUE SUMMIT WIND 5	12INR0075	BLSUMMIT_BLSMT1_5	WILBARGER	WIND	WEST	12/31/12	9.0	OPERATIONAL
BLUE SUMMIT WIND 6	12INR0075	BLSUMMIT_BLSMT1_6	WILBARGER	WIND	WEST	12/31/12	126.4	OPERATIONAL
BUFFALO GAP WIND FARM 1		BUFF_GAP_UNIT1	TAYLOR	WIND	WEST	4/21/06	120.6	OPERATIONAL
BUFFALO GAP WIND FARM 2		BUFF_GAP_UNIT2_1	TAYLOR	WIND	WEST	7/1/07	115.5	OPERATIONAL
BUFFALO GAP WIND FARM 2		BUFF_GAP_UNIT2_2	TAYLOR	WIND	WEST	7/1/07	117.0	OPERATIONAL
BUFFALO GAP WIND FARM 3		BUFF_GAP_UNIT3	TAYLOR	WIND	WEST	7/30/08	170.2	OPERATIONAL
BULL CREEK WIND PLANT		BULLCRK_WND1	BORDEN	WIND	WEST	5/14/09	88.0	OPERATIONAL
BULL CREEK WIND PLANT		BULLCRK_WND2	BORDEN	WIND	WEST	5/14/09	90.0	OPERATIONAL
CALLAHAN WIND		CALLAHAN_WND1	CALLAHAN	WIND	WEST	12/15/04	114.0	OPERATIONAL

UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
CAMP SPRINGS 1 WIND		CSEC_CSECG1	SCURRY	WIND	WEST	5/26/07	130.5	OPERATIONAL
CAMP SPRINGS 2 WIND		CSEC_CSECG2	SCURRY	WIND	WEST	11/15/07	120.0	OPERATIONAL
CAPRICORN RIDGE WIND 1		CAPRIDGE_CR1	STERLING	WIND	WEST	8/1/07	214.5	OPERATIONAL
CAPRICORN RIDGE WIND 2		CAPRIDGE_CR3	STERLING	WIND	WEST	2/15/08	186.0	OPERATIONAL
CAPRICORN RIDGE WIND 3		CAPRIDGE_CR2	STERLING	WIND	WEST	8/1/07	149.5	OPERATIONAL
CAPRICORN RIDGE WIND 4		CAPRIDG4_CR4	COKE/STERLING	WIND	WEST	4/15/08	112.5	OPERATIONAL
CEDRO HILL WIND	091NR0082	CEDROHIL_CHW1	WEBB	WIND	SOUTH	11/23/10	150.0	OPERATIONAL
CHAMPION WIND FARM		CHAMPION_UNIT1	NOLAN AND MITI	WIND	WEST	1/28/08	126.5	OPERATIONAL
DELAWARE MOUNTAIN WIND FARM		KUNITZ_WIND_NWP	CULBERSON CO	WIND	WEST	6/1/99	28.5	OPERATIONAL
DESERT SKY WIND FARM 1		INDNENR_INDNENR	PECOS	WIND	WEST	1/1/02	84.0	OPERATIONAL
DESERT SKY WIND FARM 2		INDNENR_INDNENR_2	PECOS	WIND	WEST	1/1/02	76.5	OPERATIONAL
ELBOW CREEK WIND PROJECT	GIR 081NR0053	ELB_ELBCREEK	HOWARD	WIND	WEST	11/21/08	118.7	OPERATIONAL
FOREST CREEK WIND FARM		MCDLD_FCW1	GLASSCOCK	WIND	WEST	3/1/07	124.2	OPERATIONAL
GOAT WIND		GOAT_GOATWIND	STERLING	WIND	WEST	2/21/08	80.0	OPERATIONAL
GOAT WIND 2		GOAT_GOATWIN2	STERLING	WIND	WEST	4/14/10	69.6	OPERATIONAL
GREEN MOUNTAIN ENERGY 1		BRAZ_WND_WND1	SCURRY/BORDE	WIND	WEST	12/24/03	99.0	OPERATIONAL
GREEN MOUNTAIN ENERGY 2		BRAZ_WND_WND2	SCURRY/BORDE	WIND	WEST	12/24/03	61.0	OPERATIONAL
HACKBERRY WIND FARM		HWF_HWFG1	SHACKELFORD	WIND	WEST	12/21/08	163.5	OPERATIONAL
HORSE HOLLOW WIND 1		H_HOLLOW_WND1	TAYLOR	WIND	WEST	6/27/05	213.0	OPERATIONAL
HORSE HOLLOW WIND 2		HHOLLOW2_WND1	TAYLOR	WIND	WEST	6/1/06	184.0	OPERATIONAL
HORSE HOLLOW WIND 3		HHOLLOW3_WND_1	TAYLOR	WIND	WEST	6/1/06	223.5	OPERATIONAL
HORSE HOLLOW WIND 4		HHOLLOW4_WND1	TAYLOR	WIND	WEST	6/1/06	115.0	OPERATIONAL
INADALE WIND	091NR0017	INDL_INADALE1	NOLAN	WIND	WEST	12/18/08	196.6	OPERATIONAL
INDIAN MESA WIND FARM		INDNNWP_INDNNWP	PECOS COUNTY	WIND	WEST	6/1/01	82.5	OPERATIONAL
KING MOUNTAIN NE		KING_NE_KINGNE	UPTON	WIND	WEST	11/8/01	79.3	OPERATIONAL
KING MOUNTAIN NW	001NR0025	KING_NW_KINGNW	UPTON	WIND	WEST	9/21/01	79.3	OPERATIONAL
KING MOUNTAIN SE		KING_SE_KINGSE	UPTON	WIND	WEST	12/1/01	40.3	OPERATIONAL
KING MOUNTAIN SW		KING_SW_KINGSW	UPTON	WIND	WEST	8/12/01	79.3	OPERATIONAL
KUNITZ WIND		KUNITZ_WIND_LGE	CULBERSON CO	WIND	WEST	9/1/95	39.8	OPERATIONAL
LANGFORD WIND POWER	101NR0026	LGD_LANGFORD	TOM GREEN	WIND	WEST	10/31/09	155.0	OPERATIONAL
LORAIN WINDPARK I	091NR0047	LONEWOLF_G1	MITCHELL	WIND	WEST	10/15/09	49.5	OPERATIONAL
LORAIN WINDPARK II	091NR0047	LONEWOLF_G2	MITCHELL	WIND	WEST	10/15/09	51.0	OPERATIONAL
LORAIN WINDPARK III	091NR0047	LONEWOLF_G3	MITCHELL	WIND	WEST	2/1/11	25.5	OPERATIONAL
LORAIN WINDPARK IV	091NR0047	LONEWOLF_G4	MITCHELL	WIND	WEST	2/1/11	24.0	OPERATIONAL
MCADOO WIND FARM		MWEC_G1	DICKENS	WIND	WEST	7/31/08	150.0	OPERATIONAL
MESQUITE WIND		LNCRK_G83	SHACKELFORD	WIND	WEST	11/21/06	200.0	OPERATIONAL
NOTREES WIND 1	071NR0005	NWF_NWF1	WINKLER/ECTO	WIND	WEST	4/1/09	92.6	OPERATIONAL
NOTREES WIND 2	071NR0005	NWF_NWF2	WINKLER/ECTO	WIND	WEST	4/1/09	60.0	OPERATIONAL
OCOTILLO WIND FARM	041NR0017	OWF_OWF	HOWARD	WIND	WEST	11/1/08	58.8	OPERATIONAL
PANTHER CREEK 1		PC_NORTH_PANTHER1	HOWARD	WIND	WEST	7/18/08	142.5	OPERATIONAL
PANTHER CREEK 2	081NR0037	PC_SOUTH_PANTHER2	HOWARD	WIND	WEST	12/12/08	115.5	OPERATIONAL
PANTHER CREEK 3	111NR0015	PC_SOUTH_PANTHER3	HOWARD	WIND	WEST	7/9/09	199.5	OPERATIONAL
PECOS WIND (WOODWARD 1)		WOODWRD1_WOODWRD1	PECOS	WIND	WEST	7/31/01	82.5	OPERATIONAL
PECOS WIND (WOODWARD 2)		WOODWRD2_WOODWRD2	PECOS	WIND	WEST	7/31/01	77.2	OPERATIONAL
POST OAK WIND 1		LNCRK2_G871	SHACKELFORD	WIND	WEST	9/15/07	100.0	OPERATIONAL
POST OAK WIND 2		LNCRK2_G872	SHACKELFORD	WIND	WEST	9/15/07	100.0	OPERATIONAL
PYRON WIND FARM	091NR0017	PYR_PYRON1	SCURRY AND FI	WIND	WEST	12/23/08	249.0	OPERATIONAL
RED CANYON WIND		RDCANYON_RDCNY1	BORDEN	WIND	WEST	4/15/06	84.0	OPERATIONAL
ROSCOE WIND FARM		TKWSW1_ROSCOE	NOLAN	WIND	WEST	2/20/08	209.0	OPERATIONAL
SAND BLUFF WIND FARM		MCDLD_SBW1	GLASSCOCK	WIND	WEST	1/1/08	90.0	OPERATIONAL
SENATE WIND PROJECT	GIR#081NR0011	SENATEWD_UNIT1	JACK	WIND	WEST	12/1/12	150.0	OPERATIONAL
SHERBINO 1 WIND	061NR0012	KEO_KEO_SM1	PECOS	WIND	WEST	10/15/08	150.0	OPERATIONAL
SHERBINO 2 WIND	061NR0012	KEO_SHRBINO2	PECOS	WIND	WEST	12/21/11	150.0	OPERATIONAL
SILVER STAR WIND	031NR0034	FLTCK_SSI	EASTLAND	WIND	NORTH	9/26/08	60.0	OPERATIONAL
SNYDER WIND FARM		ENAS_ENA1	SCURRY	WIND	WEST	10/31/07	63.0	OPERATIONAL
SOUTH TRENT WIND FARM	071NR0029	STWF_T1	NOLAN & TAYLOI	WIND	WEST	10/29/08	101.2	OPERATIONAL
STANTON WIND ENERGY		SWEC_G1	MARTIN	WIND	WEST	1/28/08	120.0	OPERATIONAL
SWEETWATER WIND 1		SWEETWND_WND1	NOLAN	WIND	WEST	11/20/03	36.6	OPERATIONAL
SWEETWATER WIND 2		SWEETWN2_WND24	NOLAN	WIND	WEST	3/21/06	15.9	OPERATIONAL
SWEETWATER WIND 3		SWEETWN2_WND2	NOLAN	WIND	WEST	11/22/04	97.5	OPERATIONAL
SWEETWATER WIND 4		SWEETWN3_WND3A	NOLAN	WIND	WEST	8/2/11	28.5	OPERATIONAL
SWEETWATER WIND 4		SWEETWN3_WND3B	NOLAN	WIND	WEST	8/2/11	100.5	OPERATIONAL
SWEETWATER WIND 5		SWEETWN4_WND5	NOLAN	WIND	WEST	11/1/07	79.2	OPERATIONAL
SWEETWATER WIND 6		SWEETWN4_WND4B	NOLAN	WIND	WEST	3/21/07	103.7	OPERATIONAL

UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
SWEETWATER WIND 7		SWEETWN4_WND4A	NOLAN	WIND	WEST	3/21/07	117.8	OPERATIONAL
TEXAS BIG SPRING WIND		SGMTN_SIGNALMT	HOWARD	WIND	WEST	5/27/99	34.3	OPERATIONAL
TRENT WIND FARM		TRENT_TRENT	NOLAN	WIND	WEST	7/9/01	150.0	OPERATIONAL
TRINITY HILLS WIND 1	081NR0062	TRINITY_TH1_BUS1	YOUNG	WIND	NORTH	2/3/12	117.5	OPERATIONAL
TRINITY HILLS WIND 2	081NR0062	TRINITY_TH1_BUS2	YOUNG	WIND	NORTH	2/3/12	107.5	OPERATIONAL
TURKEY TRACK WIND ENERGY CENTER		TTWEC_G1	NOLAN	WIND	WEST	11/6/08	169.5	OPERATIONAL
WEST TEXAS WIND ENERGY		SW_MESA_SW_MESA	UPTON/CROCKE	WIND	WEST	6/1/99	74.2	OPERATIONAL
WHIRLWIND ENERGY		WEC_WECG1	FLOYD	WIND	NORTH	11/9/07	57.0	OPERATIONAL
WHITETAIL WIND ENERGY PROJECT	111NR0091	EXGNWTL_WIND_1	WEBB AND DUV	WIND	SOUTH	12/21/12	90.0	OPERATIONAL
WKN MOZART WIND	091NR0061	MOZART_WIND_1	KENT & STONEW	WIND	WEST	12/21/12	30.0	OPERATIONAL
WOLFE RIDGE WIND		WHTTAIL_WR1	COOKE	WIND	NORTH	10/2/08	112.5	OPERATIONAL
TSTC WEST TEXAS WIND		DG_ROSC2_1UNIT	NOLAN	WIND	WEST	1/1/08	2.0	NON-MODEL
GULF WIND I	051NR0015a	TGW_T1	KENEDY	WIND	SOUTH	3/19/10	141.6	OPERATIONAL
GULF WIND II	051NR0015a	TGW_T2	KENEDY	WIND	SOUTH	3/19/10	141.6	OPERATIONAL
LOS VIENTOS WIND I	111NR0033	LV1_LV1A	WILLACY/CAMEF	WIND	SOUTH	8/30/13	200.1	OPERATIONAL
LOS VIENTOS WIND II	111NR0033	LV1_LV1B	WILLACY/CAMEF	WIND	SOUTH	9/13/13	201.6	OPERATIONAL
MAGIC VALLEY WIND	101NR0060	REDFISH_MV1A	WILLACY	WIND	SOUTH	9/18/12	103.0	OPERATIONAL
MAGIC VALLEY WIND	101NR0060	REDFISH_MV1B	WILLACY	WIND	SOUTH	9/18/12	103.0	OPERATIONAL
PAPALOTE CREEK WIND FARM	081NR0012	PAP1_PAP1	SAN PATRICIO	WIND	SOUTH	9/4/09	179.9	OPERATIONAL
PAPALOTE CREEK WIND FARM II	081NR0012b	COTTON_PAP2	SAN PATRICIO	WIND	SOUTH	6/1/10	200.1	OPERATIONAL
PENASCAL WIND 1		PENA_UNIT1	KENEDY	WIND	SOUTH	4/22/09	160.8	OPERATIONAL
PENASCAL WIND 2		PENA_UNIT2	KENEDY	WIND	SOUTH	4/22/09	141.6	OPERATIONAL
PENASCAL WIND 3		PENA3_UNIT3	KENEDY	WIND	SOUTH	8/2/11	100.8	OPERATIONAL
HARBOR WIND		DG_NUECE_6UNITS	NUECES	WIND	SOUTH	2/17/12	9.0	NON-MODEL
<b>TOTAL EXISTING WIND RESOURCES</b>							<b>11065.9</b>	
<b>RMR CAPACITY UNDER CONTRACT</b>		RMR_CAP_CONT		GAS			0.0	
<b>CAPACITY CONTRIBUTION OF NON-SYNCHRONOUS TIES</b>		DCTIE_CAP_CONT		OTHER			643.3	
KIAMICHI ENERGY FACILITY 1CT101		KMCHI_1CT101	PITTSBURG	GAS	NORTH	4/1/03	178.0	SWITCHABLE
KIAMICHI ENERGY FACILITY 1CT201		KMCHI_1CT201	PITTSBURG	GAS	NORTH	4/1/03	180.0	SWITCHABLE
KIAMICHI ENERGY FACILITY 1ST		KMCHI_1ST	PITTSBURG	GAS	NORTH	4/1/03	307.0	SWITCHABLE
KIAMICHI ENERGY FACILITY 2CT101		KMCHI_2CT101	PITTSBURG	GAS	NORTH	4/1/03	178.0	SWITCHABLE
KIAMICHI ENERGY FACILITY 2CT201		KMCHI_2CT201	PITTSBURG	GAS	NORTH	4/1/03	180.0	SWITCHABLE
KIAMICHI ENERGY FACILITY 2ST		KMCHI_2ST	PITTSBURG	GAS	NORTH	4/1/03	307.0	SWITCHABLE
TENASKA-FRONTIER CTG 1		FTR_FTR_G1	GRIMES	GAS	HOUSTON	9/17/00	180.0	SWITCHABLE
TENASKA-FRONTIER CTG 2		FTR_FTR_G2	GRIMES	GAS	HOUSTON	9/17/00	180.0	SWITCHABLE
TENASKA-FRONTIER CTG 3		FTR_FTR_G3	GRIMES	GAS	HOUSTON	9/17/00	180.0	SWITCHABLE
TENASKA-FRONTIER CTG 4		FTR_FTR_G4	GRIMES	GAS	HOUSTON	9/17/00	400.0	SWITCHABLE
TENASKA-GATEWAY CTG 1		TGCCS_CT1	RUSK	GAS	NORTH	7/21/01	162.0	SWITCHABLE
TENASKA-GATEWAY CTG 2		TGCCS_CT2	RUSK	GAS	NORTH	7/21/01	179.0	SWITCHABLE
TENASKA-GATEWAY CTG 3		TGCCS_CT3	RUSK	GAS	NORTH	7/21/01	178.0	SWITCHABLE
TENASKA-GATEWAY CTG 4		TGCCS_UNIT4	RUSK	GAS	NORTH	7/21/01	389.0	SWITCHABLE
<b>TOTAL SWITCHABLE RESOURCES</b>							<b>3178.0</b>	
<b>SWITCHABLE CAPACITY NOT AVAILABLE</b>		SWITCH_UNAVAIL		GAS			330.0	
FERGUSON REPLACEMENT CTG1	131NR0021	FERGCC_FERGGT1	LLANO	GAS	SOUTH	6/30/14	175.9	PLANNED
FERGUSON REPLACEMENT CTG2	131NR0021	FERGCC_FERGGT2	LLANO	GAS	SOUTH	6/30/14	175.9	PLANNED
FERGUSON REPLACEMENT STG	131NR0021	FERGCC_FERGST1	LLANO	GAS	SOUTH	6/30/14	196.9	PLANNED
DEER PARK ENERGY CENTER	141NR0015		HARRIS	GAS	HOUSTON	7/1/14	190.0	PLANNED
PANDA SHERMAN CTG1	101NR0021	PANDA_S_SHER1CT1	GRAYSON	GAS	NORTH	8/1/14	202.0	PLANNED
PANDA SHERMAN CTG2	101NR0021	PANDA_S_SHER1CT2	GRAYSON	GAS	NORTH	8/1/14	202.0	PLANNED
PANDA SHERMAN STG	101NR0021	PANDA_S_SHER1ST1	GRAYSON	GAS	NORTH	8/1/14	336.0	PLANNED
PANDA TEMPLE CTG1	101NR0020a	PANDA_T1_TMPL1CT1	BELL	GAS	NORTH	8/1/14	218.5	PLANNED
PANDA TEMPLE CTG2	101NR0020a	PANDA_T1_TMPL1CT2	BELL	GAS	NORTH	8/1/14	218.5	PLANNED
PANDA TEMPLE STG	101NR0020a	PANDA_T1_TMPL1ST1	BELL	GAS	NORTH	8/1/14	353.1	PLANNED
RENTECH PROJECT	131NR0040		HARRIS	GAS	HOUSTON	8/1/14	15.0	PLANNED
FORNEY POWER UPGRADE GT11-13	141NR0059-A		KAUFMAN	GAS	NORTH	8/1/14	17.0	PLANNED
WHITE CAMP SOLAR	111NR0094	WCSOLAR1_100PV	KENT	SOLAR	WEST	4/30/14	100.0	PLANNED
BRACKETVILLE SOLAR - OCI ALAMO 4	141NR0024	ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	8/15/14	37.6	PLANNED
<b>TOTAL NEW NON-WIND RESOURCES</b>							<b>2438.4</b>	
SPINNING SPUR WIND TWO	131NR0048	SSPURTWO_WIND_1	OLDHAM	WIND	WEST	6/1/14	161.0	PLANNED

UNIT NAME	GINR_NUM	UNIT CODE	COUNTY	FUEL	ZONE	START DATE	FALL RATING	STATUS
GOLDTHWAITE WIND 1	11INR0013		MILLS	WIND	NORTH	3/31/14	149.0	PLANNED
PANHANDLE WIND 1 U1	14INR0030a_2	PH1_UNIT1	CARSON	WIND	WEST	7/30/14	109.2	PLANNED
PANHANDLE WIND 1 U2	14INR0030a_2	PH1_UNIT2	CARSON	WIND	WEST	7/30/14	109.2	PLANNED
MIAMI WIND 1a G1	14INR0012a	MIAM1_G1	GRAY, WHEELER	WIND	NORTH	7/31/14	144.3	PLANNED
MIAMI WIND 1a G2	14INR0012a	MIAM1_G2	GRAY, WHEELER	WIND	NORTH	7/31/14	144.3	PLANNED
MOORE WIND 1	11INR0050		CROSBY	WIND	WEST	6/1/15	149.0	PLANNED
STEPHENS RANCH WIND a	12INR0034a		BORDEN	WIND	WEST	10/5/14	201.0	PLANNED
MARIAH WIND a	13INR0010a		PARMER	WIND	PANHANDLE	10/30/14	232.0	PLANNED
<b>TOTAL NEW WIND RESOURCES</b>							<b>1399.0</b>	

## Seasonal Assessment of Resource Adequacy for the ERCOT Region

### **Background**

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

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

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

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.