

**Final  
Seasonal Assessment of Resource Adequacy for the ERCOT Region  
Summer 2014**

**SUMMARY**

ERCOT expects to start this summer with tight reserves. However, by late summer, six new generating projects are expected to be in service with a combined summer capacity rating of 2,153 megawatts (MW). Four of the six projects are new combined-cycle gas-fired power plants with a combined summer capacity rating of 2,112 MW. Completion of these four projects — Ferguson Replacement, Panda Sherman, Panda Temple I and Deer Park Energy Center — will increase the overall planning reserve margin and significantly reduce the likelihood of scarcity conditions by late summer. The commercial operations date for the Deer Park plant is currently July 1, 2014, with both Panda plants and the new Ferguson units expected to begin commercial operations by August 1, 2014.

If an extreme system peak occurs and the full capacity of these new units is not available, those conditions could result in an Energy Emergency Alert (EEA), with corresponding public appeals for conservation. Depending on the severity of the situation and the amount of generation available during periods of highest demand, ERCOT could take other progressive steps necessary to protect overall system integrity.

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 summer 2014, ERCOT continues to assess potential risks to generation operations.

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

**Summer - Final**

**Release Date: May 1, 2014**

**Forecasted Resources and Demand**

|   |        |  |
|---|--------|--|
| Installed Capacity, MW  | 64,950 | Based on current Seasonal Maximum Sustainable Limits reported through the unit registration process                          |
| Capacity from Private Networks, MW  | 4,655  | 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   | 2,972  | Installed capacity of units that can switch to other Regions   |
| less Switchable Capacity Unavailable to ERCOT, MW                                       | (300)  | Based on survey responses of switchable resource owners  |
| Planned Resources (not wind) with Signed IA, Air Permits, and Adequate Water Rights, MW | 0      | Based on in-service dates provided by developers of generation resources   |
| ELCC of Planned Wind with Signed IA, MW   | 27     | Based on in-service dates provided by developers of generation resources; based on 8.7% of projected capacity                |
| a Total Resources, MW   | 73,910 |  |
| b Peak Demand, MW   | 68,096 | Summer peak forecast based on normal weather conditions for 2002 - 2013  |
| c Reserve Capacity (a - b), MW  | 5,814  |  |

**Range of Potential Risks**

|   | Forecast Based |                  |                    |  |
|---|----------------|------------------|--------------------|--|
|   | on Normal      | Extreme          | Extreme            |  |
|   | Weather        | Load/Typical Gen | Load/Extreme       |  |
|   | Conditions for | Outages          | Generation Outages |  |
|   | 2002 – 2013    |                  |                    |  |
| Seasonal Load Adjustment                                      |                | 2,313            | 2,313              | Based on extreme weather forecast using 2011 weather data.   |
| Typical Maintenance Outages                                   | 371            | 371              | 371                | Based on historical (August 2010 to April 17, 2014) average of planned outages for June through September weekdays |
| Typical Forced Outages  | 2,483          | 2,483            | 2,483              | Based on historical (August 2010 to April 17, 2014) average of forced outages for June through September weekdays  |
| 90th Percentile Forced Outages                                |                | -                | 2,695              |  |
| d Total Uses of Reserve Capacity                              | 2,854          | 5,167            | 7,862              |  |
| e Capacity Available for Operating Reserves (c-d), MW         | 2,960          | 647              | (2,048)            |  |
| Less than 2,300 MW indicates risk of EEA1                     |                |                  |                    |  |
| f Capacity (non-wind) scheduled to be operational by August 1 | 2,153          | 2,153            | 2,153              |  |
| g Capacity Available for Operating Reserves (e+f), MW         | 5,113          | 2,800            | 105                |  |

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|                        |  |        |  |
|------------------------|--|--------|--|
| <b>Scenario Inputs</b> | Forecasted Peak Load for Summer 2014   | 68,096 | Summer peak forecast based on normal weather conditions for 2002 – 2013  |
|                        | Load Adjustment for July - August Peak | 2,313  | Summer extreme forecast using 2011 weather (70,409 MW)   |
|                        | Typical Maintenance Outages            | 371    | Based on historical (August 2010 to April 17, 2014) average of planned outages for June through September weekdays |
|                        | Typical Forced Outages                 | 2,483  | Based on historical (August 2010 to April 17, 2014) average of forced outages for June through September weekdays  |
|                        | 90th Percentile Forced Outages         | 2,695  |  |

| UNIT NAME                         | GINR_NUM  | UNIT_CODE        | COUNTY    | FUEL    | ZONE    | START DATE | SUMMER RATING | STATUS      |
|-----------------------------------|-----------|------------------|-----------|---------|---------|------------|---------------|-------------|
| COMANCHE PEAK 1                   |           | CPSES_UNIT1      | SOMERVELL | NUCLEAR | NORTH   | 8/13/90    | 1205.0        | OPERATIONAL |
| COMANCHE PEAK 2                   |           | CPSES_UNIT2      | SOMERVELL | NUCLEAR | NORTH   | 8/3/93     | 1195.0        | OPERATIONAL |
| SOUTH TEXAS 1                     |           | STP_STP_G1       | MATAGORDA | NUCLEAR | SOUTH   | 3/22/88    | 1286.0        | OPERATIONAL |
| SOUTH TEXAS 2                     |           | STP_STP_G2       | MATAGORDA | NUCLEAR | SOUTH   | 3/28/89    | 1295.0        | OPERATIONAL |
| BIG BROWN 1                       |           | BBSSES_UNIT1     | FREESTONE | COAL    | NORTH   | 12/23/71   | 600.0         | OPERATIONAL |
| BIG BROWN 2                       |           | BBSSES_UNIT2     | FREESTONE | COAL    | NORTH   | 12/6/72    | 595.0         | OPERATIONAL |
| COLETO CREEK                      |           | COLETO_COLETOG1  | GOLIAD    | COAL    | SOUTH   | 1/1/80     | 650.0         | OPERATIONAL |
| FAYETTE POWER PROJECT 1           |           | FPPYD1_FPP_G1    | FAYETTE   | COAL    | SOUTH   | 6/16/79    | 604.0         | OPERATIONAL |
| FAYETTE POWER PROJECT 2           |           | FPPYD1_FPP_G2    | FAYETTE   | COAL    | SOUTH   | 5/20/80    | 599.0         | OPERATIONAL |
| FAYETTE POWER PROJECT 3           |           | FPPYD2_FPP_G3    | FAYETTE   | COAL    | SOUTH   | 4/29/88    | 437.0         | 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     | 555.0         | 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     | 420.0         | 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    | 800.0         | OPERATIONAL |
| MARTIN LAKE 2                     |           | MLSES_UNIT2      | RUSK      | COAL    | NORTH   | 5/23/78    | 805.0         | OPERATIONAL |
| MONTICELLO 3                      |           | MNSES_UNIT3      | TITUS     | COAL    | NORTH   | 8/1/78     | 795.0         | OPERATIONAL |
| OAK GROVE SES UNIT 1              |           | OGSES_UNIT1A     | ROBERTSON | COAL    | NORTH   | 4/14/10    | 840.0         | OPERATIONAL |
| OAK GROVE SES UNIT 2              |           | 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                          |           | SD5SES_UNITS     | MILAM     | COAL    | SOUTH   | 1/6/10     | 570.0         | OPERATIONAL |
| SANDY CREEK 1                     |           | SCES_UNIT1       | MCLENNAN  | COAL    | NORTH   | 7/17/13    | 970.0         | OPERATIONAL |
| TWIN OAKS 1                       |           | TNP_ONE_TNP_O_1  | ROBERTSON | COAL    | NORTH   | 6/8/90     | 156.0         | OPERATIONAL |
| TWIN OAKS 2                       |           | TNP_ONE_TNP_O_2  | ROBERTSON | COAL    | NORTH   | 5/31/91    | 156.0         | 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     | 319.0         | OPERATIONAL |
| B M DAVIS CTG 3                   |           | B_DAVIS_B_DAVIG3 | NUECES    | GAS     | SOUTH   | 3/26/10    | 157.0         | OPERATIONAL |
| B M DAVIS CTG 4                   |           | B_DAVIS_B_DAVIG4 | NUECES    | GAS     | SOUTH   | 3/26/10    | 157.0         | OPERATIONAL |
| BASTROP ENERGY CENTER CTG 1       |           | BASTEN_GTG1100   | BASTROP   | GAS     | SOUTH   | 3/13/02    | 150.0         | OPERATIONAL |
| BASTROP ENERGY CENTER CTG 2       |           | BASTEN_GTG2100   | BASTROP   | GAS     | SOUTH   | 3/13/02    | 150.0         | OPERATIONAL |
| BASTROP ENERGY CENTER CTG 3       |           | BASTEN_STO100    | BASTROP   | GAS     | SOUTH   | 3/13/02    | 233.0         | OPERATIONAL |
| BOSQUE COUNTY PEAKING CTG 1       |           | BOSQUESW_BSQSU_1 | BOSQUE    | GAS     | NORTH   | 6/1/00     | 143.2         | OPERATIONAL |
| BOSQUE COUNTY PEAKING CTG 2       |           | BOSQUESW_BSQSU_2 | BOSQUE    | GAS     | NORTH   | 6/1/00     | 143.2         | OPERATIONAL |
| BOSQUE COUNTY PEAKING CTG 3       |           | BOSQUESW_BSQSU_3 | BOSQUE    | GAS     | NORTH   | 6/1/01     | 150.2         | OPERATIONAL |
| BOSQUE COUNTY PEAKING CTG 4       |           | BOSQUESW_BSQSU_4 | BOSQUE    | GAS     | NORTH   | 6/1/01     | 81.4          | OPERATIONAL |
| BOSQUE COUNTY PEAKING CTG 5       |           | BOSQUESW_BSQSU_5 | BOSQUE    | GAS     | NORTH   | 3/1/09     | 190.5         | OPERATIONAL |
| BRAZOS VALLEY CTG 1               |           | BVE_UNIT1        | FORT BEND | GAS     | HOUSTON | 1/21/03    | 166.0         | OPERATIONAL |
| BRAZOS VALLEY CTG 2               |           | BVE_UNIT2        | FORT BEND | GAS     | HOUSTON | 1/21/03    | 166.0         | 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    | 75.0          | OPERATIONAL |
| CALENERGY (FALCON SEABOARD) CTG 2 |           | FLCNS_UNIT2      | HOWARD    | GAS     | WEST    | 7/21/87    | 75.0          | OPERATIONAL |
| CALENERGY (FALCON SEABOARD) CTG 3 |           | FLCNS_UNIT3      | HOWARD    | GAS     | WEST    | 2/18/88    | 70.0          | OPERATIONAL |
| CEDAR BAYOU CTG 4                 | 08INR0035 | CBY4_CT41        | CHAMBERS  | GAS     | HOUSTON | 3/9/09     | 163.0         | OPERATIONAL |
| CEDAR BAYOU CTG 5                 | 08INR0035 | CBY4_CT42        | CHAMBERS  | GAS     | HOUSTON | 3/9/09     | 163.0         | OPERATIONAL |
| CEDAR BAYOU CTG 6                 | 08INR0035 | CBY4_ST04        | CHAMBERS  | GAS     | HOUSTON | 3/9/09     | 178.0         | OPERATIONAL |
| COLORADO BEND ENERGY CENTER CTG 1 |           | CBEC_GT1         | WHARTON   | GAS     | HOUSTON | 4/4/07     | 76.0          | OPERATIONAL |
| COLORADO BEND ENERGY CENTER CTG 2 |           | CBEC_GT2         | WHARTON   | GAS     | HOUSTON | 4/4/07     | 69.0          | OPERATIONAL |
| COLORADO BEND ENERGY CENTER CTG 3 |           | CBEC_GT3         | WHARTON   | GAS     | HOUSTON | 6/1/08     | 72.0          | OPERATIONAL |
| COLORADO BEND ENERGY CENTER CTG 4 |           | CBEC_GT4         | WHARTON   | GAS     | HOUSTON | 6/1/08     | 72.0          | OPERATIONAL |
| COLORADO BEND ENERGY CENTER STG 1 |           | CBEC_STG1        | WHARTON   | GAS     | HOUSTON | 4/4/07     | 103.0         | OPERATIONAL |
| COLORADO BEND ENERGY CENTER STG 2 |           | CBEC_STG2        | WHARTON   | GAS     | HOUSTON | 6/1/08     | 106.0         | OPERATIONAL |
| CVC CHANNELVIEW CTG 1             |           | CVC_CVC_G1       | HARRIS    | GAS     | HOUSTON | 7/1/08     | 155.4         | OPERATIONAL |
| CVC CHANNELVIEW CTG 2             |           | CVC_CVC_G2       | HARRIS    | GAS     | HOUSTON | 7/1/08     | 165.1         | OPERATIONAL |
| CVC CHANNELVIEW CTG 3             |           | CVC_CVC_G3       | HARRIS    | GAS     | HOUSTON | 7/1/08     | 163.9         | OPERATIONAL |

| UNIT NAME                       | GINR_NUM | UNIT_CODE         | COUNTY    | FUEL | ZONE    | START DATE | SUMMER RATING | STATUS      |
|---------------------------------|----------|-------------------|-----------|------|---------|------------|---------------|-------------|
| CVC CHANNELVIEW STG 5           |          | CVC_CVC_G5        | HARRIS    | GAS  | HOUSTON | 7/1/08     | 134.2         | OPERATIONAL |
| DEER PARK ENERGY CENTER CTG 1   |          | DDPEC_GT1         | HARRIS    | GAS  | HOUSTON | 11/10/02   | 181.0         | OPERATIONAL |
| DEER PARK ENERGY CENTER CTG 2   |          | DDPEC_GT2         | HARRIS    | GAS  | HOUSTON | 11/10/02   | 193.0         | OPERATIONAL |
| DEER PARK ENERGY CENTER CTG 3   |          | DDPEC_GT3         | HARRIS    | GAS  | HOUSTON | 11/10/02   | 181.0         | OPERATIONAL |
| DEER PARK ENERGY CENTER CTG 4   |          | DDPEC_GT4         | HARRIS    | GAS  | HOUSTON | 11/10/02   | 193.0         | 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     | 116.0         | OPERATIONAL |
| ENNIS POWER STATION CTG 2       |          | ETCCS_CT1         | ELLIS     | GAS  | NORTH   | 1/1/02     | 196.0         | OPERATIONAL |
| FORNEY ENERGY CENTER CTG 11     |          | FRNYPP_GT11       | KAUFMAN   | GAS  | NORTH   | 2/1/03     | 168.4         | OPERATIONAL |
| FORNEY ENERGY CENTER CTG 12     |          | FRNYPP_GT12       | KAUFMAN   | GAS  | NORTH   | 2/1/03     | 168.4         | OPERATIONAL |
| FORNEY ENERGY CENTER CTG 13     |          | FRNYPP_GT13       | KAUFMAN   | GAS  | NORTH   | 2/1/03     | 168.4         | OPERATIONAL |
| FORNEY ENERGY CENTER CTG 21     |          | FRNYPP_GT21       | KAUFMAN   | GAS  | NORTH   | 2/1/03     | 168.4         | OPERATIONAL |
| FORNEY ENERGY CENTER CTG 22     |          | FRNYPP_GT22       | KAUFMAN   | GAS  | NORTH   | 2/1/03     | 168.4         | OPERATIONAL |
| FORNEY ENERGY CENTER CTG 23     |          | FRNYPP_GT23       | KAUFMAN   | GAS  | NORTH   | 2/1/03     | 168.4         | OPERATIONAL |
| FORNEY ENERGY CENTER STG 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     | 151.6         | OPERATIONAL |
| FREESTONE ENERGY CENTER CTG 2   |          | FREC_GT2          | FREESTONE | GAS  | NORTH   | 6/1/02     | 151.6         | OPERATIONAL |
| FREESTONE ENERGY CENTER STG 3   |          | FREC_ST3          | FREESTONE | GAS  | NORTH   | 6/1/02     | 176.2         | OPERATIONAL |
| FREESTONE ENERGY CENTER CTG 4   |          | FREC_GT4          | FREESTONE | GAS  | NORTH   | 4/1/02     | 151.7         | OPERATIONAL |
| FREESTONE ENERGY CENTER CTG 5   |          | FREC_GT5          | FREESTONE | GAS  | NORTH   | 4/1/02     | 151.7         | OPERATIONAL |
| FREESTONE ENERGY CENTER STG 6   |          | FREC_ST6          | FREESTONE | GAS  | NORTH   | 4/1/02     | 174.5         | OPERATIONAL |
| FRONTERA GENERATION CTG 1       |          | FRONTERA_FRONTEG1 | HIDALGO   | GAS  | SOUTH   | 6/30/99    | 165.0         | OPERATIONAL |
| FRONTERA GENERATION CTG 2       |          | FRONTERA_FRONTEG2 | HIDALGO   | GAS  | SOUTH   | 7/22/99    | 165.0         | OPERATIONAL |
| FRONTERA GENERATION STG         |          | FRONTERA_FRONTEG3 | HIDALGO   | GAS  | SOUTH   | 5/15/00    | 180.0         | OPERATIONAL |
| GUADALUPE GEN STN CTG 1         |          | GUADG_GAS1        | GUADALUPE | GAS  | SOUTH   | 12/1/00    | 148.0         | OPERATIONAL |
| GUADALUPE GEN STN CTG 2         |          | GUADG_GAS2        | GUADALUPE | GAS  | SOUTH   | 12/1/00    | 148.0         | OPERATIONAL |
| GUADALUPE GEN STN CTG 3         |          | GUADG_GAS3        | GUADALUPE | GAS  | SOUTH   | 12/1/00    | 148.0         | OPERATIONAL |
| GUADALUPE GEN STN CTG 4         |          | GUADG_GAS4        | GUADALUPE | GAS  | SOUTH   | 12/1/00    | 148.0         | OPERATIONAL |
| GUADALUPE GEN STN STG 5         |          | GUADG_STM5        | GUADALUPE | GAS  | SOUTH   | 12/1/00    | 197.0         | OPERATIONAL |
| GUADALUPE GEN STN STG 6         |          | GUADG_STM6        | GUADALUPE | GAS  | SOUTH   | 12/1/00    | 197.0         | OPERATIONAL |
| HAYS ENERGY FACILITY CSG 1      |          | HAYSEN_HAYSENG1   | HAYS      | GAS  | SOUTH   | 5/28/02    | 216.0         | OPERATIONAL |
| HAYS ENERGY FACILITY CSG 2      |          | HAYSEN_HAYSENG2   | HAYS      | GAS  | SOUTH   | 4/19/02    | 216.0         | 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     | 143.0         | OPERATIONAL |
| HIDALGO CTG 2                   |          | DUKE_DUKE_GT2     | HIDALGO   | GAS  | SOUTH   | 1/1/00     | 143.0         | OPERATIONAL |
| HIDALGO STG                     |          | DUKE_DUKE_ST1     | HIDALGO   | GAS  | SOUTH   | 1/1/00     | 172.0         | OPERATIONAL |
| JACK COUNTY GEN FACILITY CTG 1  |          | JACKCNTY_CT1      | JACK      | GAS  | NORTH   | 7/1/05     | 166.0         | OPERATIONAL |
| JACK COUNTY GEN FACILITY CTG 2  |          | JACKCNTY_CT2      | JACK      | GAS  | NORTH   | 7/1/05     | 165.0         | OPERATIONAL |
| JACK COUNTY GEN FACILITY STG 1  |          | JACKCNTY_STG      | JACK      | GAS  | NORTH   | 7/1/05     | 295.0         | OPERATIONAL |
| JACK COUNTY GEN FACILITY CTG 3  |          | JCKCNTY2_CT3      | JACK      | GAS  | NORTH   | 8/5/11     | 166.0         | OPERATIONAL |
| JACK COUNTY GEN FACILITY CTG 4  |          | JCKCNTY2_CT4      | JACK      | GAS  | NORTH   | 8/5/11     | 165.0         | OPERATIONAL |
| JACK COUNTY GEN FACILITY STG 2  |          | JCKCNTY2_ST2      | JACK      | GAS  | NORTH   | 8/5/11     | 295.0         | 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     | 153.8         | OPERATIONAL |
| LAMAR POWER PROJECT CT12        |          | LPCCS_CT12        | LAMAR     | GAS  | NORTH   | 7/4/00     | 153.8         | OPERATIONAL |
| LAMAR POWER PROJECT CT21        |          | LPCCS_CT21        | LAMAR     | GAS  | NORTH   | 7/4/00     | 153.8         | OPERATIONAL |
| LAMAR POWER PROJECT CT22        |          | LPCCS_CT22        | LAMAR     | GAS  | NORTH   | 7/4/00     | 153.8         | OPERATIONAL |
| LAMAR POWER PROJECT STG1        |          | LPCCS_UNIT1       | LAMAR     | GAS  | NORTH   | 7/4/00     | 193.4         | OPERATIONAL |
| LAMAR POWER PROJECT STG2        |          | LPCCS_UNIT2       | LAMAR     | GAS  | NORTH   | 7/4/00     | 193.4         | OPERATIONAL |
| LOST PINES CTG 1                |          | LOSTPL_LOSTPGT1   | BASTROP   | GAS  | SOUTH   | 5/27/01    | 170.0         | OPERATIONAL |
| LOST PINES CTG 2                |          | LOSTPL_LOSTPGT2   | BASTROP   | GAS  | SOUTH   | 5/27/01    | 170.0         | OPERATIONAL |
| LOST PINES STG                  |          | LOSTPL_LOSTPST1   | BASTROP   | GAS  | SOUTH   | 5/27/01    | 188.0         | OPERATIONAL |
| MAGIC VALLEY CTG 1              |          | NEDIN_NEDIN_G1    | HIDALGO   | GAS  | SOUTH   | 7/11/01    | 208.6         | OPERATIONAL |
| MAGIC VALLEY CTG 2              |          | NEDIN_NEDIN_G2    | HIDALGO   | GAS  | SOUTH   | 7/11/01    | 208.6         | OPERATIONAL |
| MAGIC VALLEY STG                |          | NEDIN_NEDIN_G3    | HIDALGO   | GAS  | SOUTH   | 7/11/01    | 253.0         | 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     | 319.0         | OPERATIONAL |
| NUECES BAY CTG 8              |           | NUECES_B_NUECESG8 | NUECES    | GAS  | SOUTH   | 3/20/10    | 157.0         | OPERATIONAL |
| NUECES BAY CTG 9              |           | NUECES_B_NUECESG9 | NUECES    | GAS  | SOUTH   | 3/20/10    | 157.0         | OPERATIONAL |
| ODESSA-ECTOR GEN STN CTG 11   |           | OECCS_CT11        | ECTOR     | GAS  | WEST    | 6/1/01     | 151.0         | OPERATIONAL |
| ODESSA-ECTOR GEN STN CTG 12   |           | OECCS_CT12        | ECTOR     | GAS  | WEST    | 6/1/01     | 140.4         | OPERATIONAL |
| ODESSA-ECTOR GEN STN CTG 21   |           | OECCS_CT21        | ECTOR     | GAS  | WEST    | 6/1/01     | 144.7         | OPERATIONAL |
| ODESSA-ECTOR GEN STN CTG 22   |           | OECCS_CT22        | ECTOR     | GAS  | WEST    | 6/1/01     | 142.4         | OPERATIONAL |
| ODESSA-ECTOR GEN STN STG 1    |           | OECCS_UNIT1       | ECTOR     | GAS  | WEST    | 6/1/01     | 210.0         | OPERATIONAL |
| ODESSA-ECTOR GEN STN STG 2    |           | OECCS_UNIT2       | ECTOR     | GAS  | WEST    | 6/1/01     | 210.0         | OPERATIONAL |
| PARIS ENERGY CENTER CTG 1     |           | TNSKA_GT1         | LAMAR     | GAS  | NORTH   | 6/1/89     | 76.0          | OPERATIONAL |
| PARIS ENERGY CENTER CTG 2     |           | TNSKA_GT2         | LAMAR     | GAS  | NORTH   | 6/1/89     | 76.0          | 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     | 164.0         | OPERATIONAL |
| PASGEN CTG 3                  |           | PSG_PSG_GT3       | HARRIS    | GAS  | HOUSTON | 6/2/00     | 164.0         | OPERATIONAL |
| PASGEN STG 2                  |           | PSG_PSG_ST2       | HARRIS    | GAS  | HOUSTON | 6/2/00     | 167.0         | OPERATIONAL |
| QUAIL RUN ENERGY CTG 1        |           | QALSW_GT2         | ECTOR     | GAS  | WEST    | 4/12/07    | 74.0          | OPERATIONAL |
| QUAIL RUN ENERGY CTG 2        |           | QALSW_GT3         | ECTOR     | GAS  | WEST    | 5/3/08     | 72.0          | 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    | 74.0          | OPERATIONAL |
| QUAIL RUN ENERGY STG 2        |           | QALSW_GT4         | ECTOR     | GAS  | WEST    | 5/3/08     | 72.0          | 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    | 50.0          | 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     | 154.0         | OPERATIONAL |
| RIO NOGALES CTG 2             |           | RIONOG_CT2        | GUADALUPE | GAS  | SOUTH   | 6/1/02     | 154.0         | OPERATIONAL |
| RIO NOGALES CTG 3             |           | RIONOG_CT3        | GUADALUPE | GAS  | SOUTH   | 6/1/02     | 154.0         | OPERATIONAL |
| RIO NOGALES STG 4             |           | RIONOG_ST1        | GUADALUPE | GAS  | SOUTH   | 6/1/02     | 323.0         | OPERATIONAL |
| SANDHILL ENERGY CENTER CTG 5A |           | SANDHSYD_SH_5A    | TRAVIS    | GAS  | SOUTH   | 9/1/04     | 150.0         | OPERATIONAL |
| SANDHILL ENERGY CENTER STG 5C |           | SANDHSYD_SH_5C    | TRAVIS    | GAS  | SOUTH   | 9/1/04     | 145.0         | 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     | 96.6          | OPERATIONAL |
| TEXAS CITY CTG B              |           | TXCTY_CTB         | GALVESTON | GAS  | HOUSTON | 1/1/00     | 96.6          | OPERATIONAL |
| TEXAS CITY CTG C              |           | TXCTY_CTC         | GALVESTON | GAS  | HOUSTON | 1/1/00     | 96.6          | OPERATIONAL |
| TEXAS CITY STG                |           | TXCTY_ST          | GALVESTON | GAS  | HOUSTON | 1/1/00     | 131.6         | OPERATIONAL |
| VICTORIA POWER STATION STG 5  | 08INR0050 | VICTORIA_VICTORG5 | VICTORIA  | GAS  | SOUTH   | 10/15/09   | 125.0         | OPERATIONAL |
| VICTORIA POWER STATION STG 6  | 08INR0050 | 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     | 212.0         | OPERATIONAL |
| WISE-TRACTEBEL POWER CTG 2    |           | WCPP_CT2          | WISE      | GAS  | NORTH   | 1/3/04     | 212.0         | OPERATIONAL |
| WISE-TRACTEBEL POWER STG 1    |           | WCPP_ST1          | WISE      | GAS  | NORTH   | 1/3/04     | 241.0         | OPERATIONAL |
| WOLF HOLLOW POWER CTG 1       |           | WHCCS_CT1         | HOOD      | GAS  | NORTH   | 7/24/02    | 212.5         | OPERATIONAL |
| WOLF HOLLOW POWER CTG 2       |           | WHCCS_CT2         | HOOD      | GAS  | NORTH   | 7/24/02    | 212.5         | OPERATIONAL |
| WOLF HOLLOW POWER STG         |           | WHCCS_STG         | HOOD      | GAS  | NORTH   | 7/24/02    | 280.0         | 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    | 48.0          | OPERATIONAL |
| DECKER CREEK G1               |           | DECKER_DPGT_1     | TRAVIS    | GAS  | SOUTH   | 1/30/89    | 48.0          | OPERATIONAL |
| DECKER CREEK G2               |           | DECKER_DPGT_2     | TRAVIS    | GAS  | SOUTH   | 1/30/89    | 48.0          | OPERATIONAL |

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| DECKER CREEK G3                   |            | DECKER_DPGT_3     | TRAVIS     | GAS  | SOUTH   | 1/30/89    | 48.0          | OPERATIONAL |
| DECKER CREEK G4                   |            | DECKER_DPGT_4     | TRAVIS     | GAS  | SOUTH   | 1/30/89    | 48.0          | OPERATIONAL |
| DECORDOVA A                       |            | DCSES_CT10        | HOOD       | GAS  | NORTH   | 6/1/10     | 71.0          | OPERATIONAL |
| DECORDOVA B                       |            | DCSES_CT20        | HOOD       | GAS  | NORTH   | 6/1/10     | 70.0          | OPERATIONAL |
| DECORDOVA C                       |            | DCSES_CT30        | HOOD       | GAS  | NORTH   | 6/1/10     | 69.0          | OPERATIONAL |
| DECORDOVA D                       |            | DCSES_CT40        | HOOD       | GAS  | NORTH   | 6/1/10     | 68.0          | OPERATIONAL |
| EXTEX LA PORTE PWR STN (AIRPRO) 1 |            | AZ_AZ_G1          | HARRIS     | GAS  | HOUSTON | 11/30/09   | 38.0          | OPERATIONAL |
| EXTEX LA PORTE PWR STN (AIRPRO) 2 |            | AZ_AZ_G2          | HARRIS     | GAS  | HOUSTON | 11/30/09   | 38.0          | OPERATIONAL |
| EXTEX LA PORTE PWR STN (AIRPRO) 3 |            | AZ_AZ_G3          | HARRIS     | GAS  | HOUSTON | 11/30/09   | 38.0          | OPERATIONAL |
| EXTEX LA PORTE PWR STN (AIRPRO) 4 |            | AZ_AZ_G4          | HARRIS     | GAS  | HOUSTON | 11/30/09   | 38.0          | OPERATIONAL |
| GREENS BAYOU 73                   |            | GBY_GBYGT73       | HARRIS     | GAS  | HOUSTON | 12/16/76   | 46.0          | OPERATIONAL |
| GREENS BAYOU 74                   |            | GBY_GBYGT74       | HARRIS     | GAS  | HOUSTON | 12/16/76   | 46.0          | OPERATIONAL |
| GREENS BAYOU 81                   |            | GBY_GBYGT81       | HARRIS     | GAS  | HOUSTON | 12/16/76   | 46.0          | OPERATIONAL |
| GREENS BAYOU 83                   |            | GBY_GBYGT83       | HARRIS     | GAS  | HOUSTON | 12/16/76   | 56.0          | 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    | 46.0          | OPERATIONAL |
| LEON CREEK PEAKING 2              |            | LEON_CRK_LCPCT2   | BEXAR      | GAS  | SOUTH   | 4/8/04     | 46.0          | OPERATIONAL |
| LEON CREEK PEAKING 3              |            | LEON_CRK_LCPCT3   | BEXAR      | GAS  | SOUTH   | 4/15/04    | 46.0          | OPERATIONAL |
| LEON CREEK PEAKING 4              |            | LEON_CRK_LCPCT4   | BEXAR      | GAS  | SOUTH   | 4/22/04    | 46.0          | OPERATIONAL |
| MORGAN CREEK A                    |            | MGSES_CT1         | MITCHELL   | GAS  | WEST    | 7/1/88     | 68.0          | OPERATIONAL |
| MORGAN CREEK B                    |            | MGSES_CT2         | MITCHELL   | GAS  | WEST    | 7/1/88     | 68.0          | OPERATIONAL |
| MORGAN CREEK C                    |            | MGSES_CT3         | MITCHELL   | GAS  | WEST    | 7/1/88     | 68.0          | OPERATIONAL |
| MORGAN CREEK D                    |            | MGSES_CT4         | MITCHELL   | GAS  | WEST    | 7/1/88     | 68.0          | OPERATIONAL |
| MORGAN CREEK E                    |            | MGSES_CT5         | MITCHELL   | GAS  | WEST    | 7/1/88     | 68.0          | OPERATIONAL |
| MORGAN CREEK F                    |            | MGSES_CT6         | MITCHELL   | GAS  | WEST    | 7/1/88     | 67.0          | OPERATIONAL |
| PEARSALL ENGINE PLANT             | 09INR0079a | PEARSAL2_AGR_A    | FRIO       | GAS  | SOUTH   | 6/29/12    | 50.6          | OPERATIONAL |
| PEARSALL ENGINE PLANT             | 09INR0079a | PEARSAL2_AGR_B    | FRIO       | GAS  | SOUTH   | 6/29/12    | 50.6          | OPERATIONAL |
| PEARSALL ENGINE PLANT             | 09INR0079b | PEARSAL2_AGR_C    | FRIO       | GAS  | SOUTH   | 6/29/12    | 50.6          | OPERATIONAL |
| PEARSALL ENGINE PLANT             | 09INR0079b | PEARSAL2_AGR_D    | FRIO       | GAS  | SOUTH   | 6/29/12    | 50.6          | OPERATIONAL |
| PERMIAN BASIN A                   |            | PB2SES_CT1        | WARD       | GAS  | WEST    | 5/1/88     | 68.0          | OPERATIONAL |
| PERMIAN BASIN B                   |            | PB2SES_CT2        | WARD       | GAS  | WEST    | 5/1/88     | 65.0          | OPERATIONAL |
| PERMIAN BASIN C                   |            | PB2SES_CT3        | WARD       | GAS  | WEST    | 5/1/88     | 68.0          | OPERATIONAL |
| PERMIAN BASIN D                   |            | PB2SES_CT4        | WARD       | GAS  | WEST    | 2/1/90     | 69.0          | OPERATIONAL |
| PERMIAN BASIN E                   |            | PB2SES_CT5        | WARD       | GAS  | WEST    | 2/1/90     | 70.0          | OPERATIONAL |
| R W MILLER 4                      |            | MIL_MILLER4       | PALO PINTO | GAS  | NORTH   | 1/1/00     | 104.0         | OPERATIONAL |
| R W MILLER 5                      |            | MIL_MILLER5       | 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     | 11.0          | OPERATIONAL |
| RAYBURN 2                         |            | RAYBURN_RAYBURG2  | VICTORIA   | GAS  | SOUTH   | 3/1/63     | 11.0          | 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          |            | SANDHSYD_SH1      | TRAVIS     | GAS  | SOUTH   | 6/20/01    | 47.0          | OPERATIONAL |
| SANDHILL ENERGY CENTER 2          |            | SANDHSYD_SH2      | TRAVIS     | GAS  | SOUTH   | 6/20/01    | 47.0          | OPERATIONAL |
| SANDHILL ENERGY CENTER 3          |            | SANDHSYD_SH3      | TRAVIS     | GAS  | SOUTH   | 6/20/01    | 47.0          | OPERATIONAL |
| SANDHILL ENERGY CENTER 4          |            | SANDHSYD_SH4      | TRAVIS     | GAS  | SOUTH   | 6/20/01    | 47.0          | OPERATIONAL |
| SANDHILL ENERGY CENTER 6          | 09INR0045  | SANDHSYD_SH6      | TRAVIS     | GAS  | SOUTH   | 3/22/10    | 47.0          | OPERATIONAL |
| SANDHILL ENERGY CENTER 7          | 09INR0045  | SANDHSYD_SH7      | TRAVIS     | GAS  | SOUTH   | 4/9/10     | 47.0          | OPERATIONAL |
| SILAS RAY 10                      | 04INR0014  | 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    | 79.0          | 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 |

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| 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 | PNPL_GT2         | FORT BEND     | GAS     | HOUSTON | 6/15/13    | 74.0          | 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     | 315.0         | 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     | 120.0         | OPERATIONAL |
| MOUNTAIN CREEK 7        |           | MCSES_UNIT7      | DALLAS        | GAS     | NORTH   | 1/1/58     | 115.0         | OPERATIONAL |
| MOUNTAIN CREEK 8        |           | MCSES_UNIT8      | DALLAS        | GAS     | NORTH   | 1/1/67     | 565.0         | 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_1  | FRIO          | GAS     | SOUTH   | 6/1/61     | 25.0          | OPERATIONAL |
| PEARSALL 2              |           | PEARSALL_PEAR_2  | FRIO          | GAS     | SOUTH   | 7/1/61     | 25.0          | OPERATIONAL |
| PEARSALL 3              |           | PEARSALL_PEAR_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/ECTOR | 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 | SUMMER 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_RDMLM_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>62628.4</b> |               |
| MARTIN LAKE 3   |           | MLSES_UNIT3        | RUSK      | COAL    | NORTH   | 4/1/79     | 805.0          | SEASONAL MOTH |
| MONTICELLO 1  |           | MNSES_UNIT1        | TITUS     | COAL    | NORTH   | 12/23/74   | 535.0          | SEASONAL MOTH |
| MONTICELLO 2  |           | MNSES_UNIT2        | TITUS     | COAL    | NORTH   | 12/8/75    | 535.0          | SEASONAL MOTH |
| <b>TOTAL SEASONAL MOTHBALL RESOURCES</b>  |           |                    |           |         |         |            | <b>1875.0</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 MAXIMM CAPABILITY FOR TOP 20 HOURS)</b> |           | HYDRO_CAP_CONT     |           | HYDRO   |         |            | <b>446.2</b>   |               |
| <b>TOTAL PRIVATE USE NETWORK</b>  |           |                    |           |         |         |            | <b>4655.0</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   |

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|-----------------------------|-----------|-------------------|-------------------|------|-------|------------|---------------|-------------|
| 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 |
| 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 MITCHEL | WIND | WEST  | 1/28/08    | 126.5         | OPERATIONAL |
| DELAWARE MOUNTAIN WIND FARM |           | KUNITZ_WIND_NWP   | CULBERSON COUNTY  | 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    | 081NR0053 | ELB_ELBCCREEK     | 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/BORDEN     | WIND | WEST  | 12/24/03   | 99.0          | OPERATIONAL |
| GREEN MOUNTAIN ENERGY 2     |           | BRAZ_WND_WND2     | SCURRY/BORDEN     | 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                |           | 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            |           | 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 COUNTY  | 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/ECTOR     | WIND | WEST  | 4/1/09     | 92.6          | OPERATIONAL |
| NOTREES WIND 2              | 071NR0005 | NWF_NWF2          | WINKLER/ECTOR     | 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_WOODWRD  | PECOS             | WIND | WEST  | 7/31/01    | 82.5          | OPERATIONAL |
| PECOS WIND (WOODWARD 2)     |           | WOODWRD2_WOODWRD  | 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             |           | PYR_PYRON1        | SCURRY AND FISHER | 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         | 081NR0011 | SENATEWD_UNIT1    | JACK              | WIND | WEST  | 12/1/12    | 150.0         | OPERATIONAL |
| SHERBINO I WIND             |           | KEO_KEO_SM1       | PECOS             | WIND | WEST  | 10/15/08   | 150.0         | OPERATIONAL |
| SHERBINO 2 WIND             |           | 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 & TAYLOR    | 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 |

| UNIT NAME   | GINR_NUM   | UNIT_CODE        | COUNTY           | FUEL  | ZONE    | START DATE | SUMMER RATING  | STATUS      |
|---|------------|------------------|------------------|-------|---------|------------|----------------|-------------|
| 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 |
| 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  | 08INR0062  | TRINITY_TH1_BUS1 | YOUNG            | WIND  | NORTH   | 2/3/12     | 117.5          | OPERATIONAL |
| TRINITY HILLS WIND 2  | 08INR0062  | 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/CROCKETT C | 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   | 11INR0091  | EXGNWTL_WIND_1   | WEBB AND DUVAL   | WIND  | SOUTH   | 12/21/12   | 90.0           | OPERATIONAL |
| WKN MOZART WIND   | 09INR0061  | MOZART_WIND_1    | KENT & STONEWALL | WIND  | WEST    | 12/21/12   | 30.0           | OPERATIONAL |
| WOLFE RIDGE WIND  |            | WHITTAIL_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   | 05INR0015a | TGW_T1           | KENEDY           | WIND  | SOUTH   | 3/19/10    | 141.6          | OPERATIONAL |
| GULF WIND II  | 05INR0015a | TGW_T2           | KENEDY           | WIND  | SOUTH   | 3/19/10    | 141.6          | OPERATIONAL |
| LOS VIENTOS WIND I  | 11INR0033  | LV1_LV1A         | WILLACY/CAMERON  | WIND  | SOUTH   | 8/30/13    | 200.1          | OPERATIONAL |
| LOS VIENTOS WIND II   | 11INR0033  | LV1_LV1B         | WILLACY/CAMERON  | WIND  | SOUTH   | 9/13/13    | 201.6          | OPERATIONAL |
| MAGIC VALLEY WIND   | 10INR0060  | REDFISH_MV1A     | WILLACY          | WIND  | SOUTH   | 9/18/12    | 103.0          | OPERATIONAL |
| MAGIC VALLEY WIND   | 10INR0060  | REDFISH_MV1B     | WILLACY          | WIND  | SOUTH   | 9/18/12    | 103.0          | OPERATIONAL |
| PAPALOTE CREEK WIND FARM  |            | PAP1_PAP1        | SAN PATRICIO     | WIND  | SOUTH   | 9/4/09     | 179.9          | OPERATIONAL |
| PAPALOTE CREEK WIND FARM II   | 08INR0012b | 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   |         |            | <b>0.0</b>     |             |
| <b>CAPACITY CONTRIBUTION OF NON-SYNCHRONOUS TIES</b>                            |            | DCTIE_CAP_CONT   |                  | OTHER |         |            | <b>643.3</b>   |             |
| KIAMICHI ENERGY FACILITY 1CT101   |            | KMCHI_1CT101     | PITTSBURG        | GAS   | NORTH   | 4/1/03     | 153.0          | SWITCHABLE  |
| KIAMICHI ENERGY FACILITY 1CT201   |            | KMCHI_1CT201     | PITTSBURG        | GAS   | NORTH   | 4/1/03     | 155.0          | SWITCHABLE  |
| KIAMICHI ENERGY FACILITY 1ST  |            | KMCHI_1ST        | PITTSBURG        | GAS   | NORTH   | 4/1/03     | 315.0          | SWITCHABLE  |
| KIAMICHI ENERGY FACILITY 2CT101   |            | KMCHI_2CT101     | PITTSBURG        | GAS   | NORTH   | 4/1/03     | 153.0          | SWITCHABLE  |
| KIAMICHI ENERGY FACILITY 2CT201   |            | KMCHI_2CT201     | PITTSBURG        | GAS   | NORTH   | 4/1/03     | 155.0          | SWITCHABLE  |
| KIAMICHI ENERGY FACILITY 2ST  |            | KMCHI_2ST        | PITTSBURG        | GAS   | NORTH   | 4/1/03     | 315.0          | SWITCHABLE  |
| TENASKA-FRONTIER CTG 1  |            | FTR_FTR_G1       | GRIMES           | GAS   | HOUSTON | 9/17/00    | 160.0          | SWITCHABLE  |
| TENASKA-FRONTIER CTG 2  |            | FTR_FTR_G2       | GRIMES           | GAS   | HOUSTON | 9/17/00    | 160.0          | SWITCHABLE  |
| TENASKA-FRONTIER CTG 3  |            | FTR_FTR_G3       | GRIMES           | GAS   | HOUSTON | 9/17/00    | 160.0          | 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    | 156.0          | SWITCHABLE  |
| TENASKA-GATEWAY CTG 2   |            | TGCCS_CT2        | RUSK             | GAS   | NORTH   | 7/21/01    | 135.0          | SWITCHABLE  |
| TENASKA-GATEWAY CTG 3   |            | TGCCS_CT3        | RUSK             | GAS   | NORTH   | 7/21/01    | 153.0          | SWITCHABLE  |
| TENASKA-GATEWAY CTG 4   |            | TGCCS_UNIT4      | RUSK             | GAS   | NORTH   | 7/21/01    | 402.0          | SWITCHABLE  |
| <b>TOTAL SWITCHABLE RESOURCES</b>   |            |                  |                  |       |         |            | <b>2972.0</b>  |             |
| <b>SWITCHABLE CAPACITY NOT AVAILABLE</b>  |            | SWITCH_UNAVAIL   |                  | GAS   |         |            | <b>300.0</b>   |             |
| <b>TOTAL NEW NON-WIND RESOURCES AVAILABLE AT THE START OF THE SUMMER SEASON</b> |            |                  |                  |       |         |            | <b>0.0</b>     |             |
| GOLDTHWAITE WIND 1  | 11INR0013  | GWEC_GWEC_G1     | MILLS            | WIND  | NORTH   | 2/28/14    | 148.6          | PLANNED     |
| SPINNING SPUR WIND TWO  | 13INR0048  | SSPURTWO_WIND_1  | OLDHAM           | WIND  | WEST    | 6/1/14     | 161.0          | PLANNED     |
| <b>TOTAL NEW WIND RESOURCES AVAILABLE AT THE START OF THE SUMMER SEASON</b>     |            |                  |                  |       |         |            | <b>309.6</b>   |             |
| FERGUSON REPLACEMENT CTG1   | 13INR0021  | FERGCC_FERGGT1   | LLANO            | GAS   | SOUTH   | 6/30/14    | 161.9          | PLANNED     |
| FERGUSON REPLACEMENT CTG2   | 13INR0021  | FERGCC_FERGGT2   | LLANO            | GAS   | SOUTH   | 6/30/14    | 161.9          | PLANNED     |
| FERGUSON REPLACEMENT STG  | 13INR0021  | FERGCC_FERGST1   | LLANO            | GAS   | SOUTH   | 6/30/14    | 186.0          | PLANNED     |
| DEER PARK ENERGY CENTER   | 14INR0015  |                  | HARRIS           | GAS   | HOUSTON | 7/1/14     | 165.0          | PLANNED     |
| PANDA SHERMAN CTG1  | 10INR0021  | PANDA_S_SHER1CT1 | GRAYSON          | GAS   | NORTH   | 8/1/14     | 192.8          | PLANNED     |
| PANDA SHERMAN CTG2  | 10INR0021  | PANDA_S_SHER1CT2 | GRAYSON          | GAS   | NORTH   | 8/1/14     | 192.8          | PLANNED     |

| UNIT NAME                                       | GINR_NUM    | UNIT_CODE         | COUNTY  | FUEL | ZONE    | START DATE | SUMMER RATING | STATUS  |
|---|-------------|-------------------|---------|------|---------|------------|---------------|---------|
| PANDA SHERMAN STG                               | 10INR0021   | PANDA_S_SHER1ST1  | GRAYSON | GAS  | NORTH   | 8/1/14     | 334.7         | PLANNED |
| PANDA TEMPLE CTG1                               | 10INR0020a  | PANDA_T1_TMPL1CT1 | BELL    | GAS  | NORTH   | 8/1/14     | 191.2         | PLANNED |
| PANDA TEMPLE CTG2                               | 10INR0020a  | PANDA_T1_TMPL1CT2 | BELL    | GAS  | NORTH   | 8/1/14     | 191.2         | PLANNED |
| PANDA TEMPLE STG                                | 10INR0020a  | PANDA_T1_TMPL1ST1 | BELL    | GAS  | NORTH   | 8/1/14     | 334.7         | PLANNED |
| RENTECH PROJECT                                 | 13INR0040   |                   | HARRIS  | GAS  | HOUSTON | 8/1/14     | 15.0          | PLANNED |
| FORNEY POWER UPGRADE GT11-13                    | 14INR0059-A |                   | KAUFMAN | GAS  | NORTH   | 8/1/14     | 26.0          | PLANNED |
| <b>TOTAL NEW NON-WIND AVAILABLE BY AUGUST 1</b> |             |                   |         |      |         |            | <b>2153.2</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.