Attachment G

Planned-Committed Units in NEEDS, v.2.1.6

Planned/Committed units are ones that are likely to come on line through 2005. Two sources were used to identify the planned/committed units that are represented in v.2.1.6: RDI NewGen database (RDI) distributed by Platts (www.platts.com) and the inventory of planned committed units assembled by the U.S. Department of Energy, Energy Information Administration, for Annual Energy Outlook 2003 (AEO 2003). Table G-1 summarizes by the data sources used to create the inventory of planned/committed units for v.2.1.6 and the total generating capacity identified by unit type and period covered. Tables G-2 and G-3 show the generating capacities that were found in the RDI and AEO 2003 data sources respectively.

Table G4, which follows the summary tables, is an excerpt from the National Electric Energy Data System (NEEDS) listing each of the planned/committed units included in v.2.1.6. NEEDS is the repository of data on all currently operating and planned/committed units represented in EPA's applications of the Integrated Planning Model. For ease of reference, entries in the attached NEEDS excerpt are sorted successively by unit type, IPM model region, and state. The full NEEDS, v.2.1.6 data base can be found on EPA's web page.

Table G1

Summary of Commited Units Listed in "CommitedUnits_NEEDS216" Worksheet

Type	Capacity (MW)	Year Range Described	Data Source in NEEDS 2.1.6
Renewables/Non Conventional			
Biomass	245	2002-2005	AEO 2003
Fuel Cell	18	2002-2005	AEO 2003
Geothermal	277	2002-2005	AEO 2003
Hydro	41	2002-2005	AEO 2003
Landfill Gas	316	2002-2005	AEO 2003
Non-Fossil Waste	123	2001-2005	RDI
Pumped Storage	300	2002-2005	AEO 2003
Solar	88	2002-2005	AEO 2003
Wind	2,809	2002-2005	AEO 2003
Fossil/Conventional			
Coal Steam	1,866	2001-2005	RDI
Combined Cycle	118,583	2001-2005	RDI
Turbine	55,880	2001-2005	RDI
Fossil Waste	80	2001-2005	RDI
Grand Total	180,628		

Table G2

Data Sources	AEO 2003 (Describes 2002-2005)
Plant Type	(MW)
Biomass	245
Coal Steam	-
Combined Cycle	68,223
Fossil Waste	-
Fuel Cell	18
Geothermal	277
Hydro	41
Landfill Gas	-
MSW/LF	316
Non-Fossil Waste	-
Nuclear	-
Pump Storage	300
Solar	88
Turbine	26,358
Wind	2,809
Total	98,677

Table G3

Data Sources	RDI (July 2002)		
	2001	2002-2005	
Plant Type	(MW)	(MW)	Total MW
Biomass	19	25	44
Coal Steam	980	886	1,866
Combined Cycle	18,034	100,549	118,583
Fossil Waste	80	-	80
Fuel Cell	-	-	-
Geothermal	-	-	-
Hydro	93	83	176
Landfill Gas	91	52	144
MSW/LF	-	-	-
Non-Fossil Waste	20	103	123
Nuclear	-	-	-
Pump Storage	-	-	-
Solar	2	1	4
Turbine	23,643	32,238	55,880
Wind	1,738	234	1,972
Total	44,701	134,171	178,872

	A	B	C	D	E	F	G	H	I	J
2	Plant Name	Unique Id	PechanPlantType	Region Name	Texas Region	State Name	County	County Code	Capacity MW	Util Heat Rate
3	AZNM_AZ_BIOMS	C001_C_C001	Biomass	AZNM		Arizona			13.14902054	8011
4	AZNM_NV_BIOMS	C005_C_C005	Biomass	AZNM		Nevada			4.95507179	8011
5	CALI_CA_BIOMS	C013_C_C013	Biomass	CALI		California			27.49819612	8011
6	ECAO_IL_BIOMS	C022_C_C022	Biomass	ECAO		Illinois			0.010022323	8011
7	MACE_NJ_BIOMS	C046_C_C046	Biomass	MACE		New Jersey			7.6	8011
8	MANO_IL_BIOMS	C056_C_C056	Biomass	MANO		Illinois			0.607275177	8011
9	MAPP_IL_BIOMS	C061_C_C061	Biomass	MAPP		Illinois			0.0011225	8011
10	MAPP_MN_BIOMS	C066_C_C066	Biomass	MAPP		Minnesota			150.15	8011
11	MAPP_WI_BIOMS	C075_C_C075	Biomass	MAPP		Wisconsin			2.195523588	8011
12	NENG_MA_BIOMS	C082_C_C082	Biomass	NENG		Massachusetts			15.39	8011
13	NWPE_NV_BIOMS	C088_C_C088	Biomass	NWPE		Nevada			4.54492821	8011
14	PNW_CA_BIOMS	C097_C_C097	Biomass	PNW		California			1.001803878	8011
15	PNW_WA_BIOMS	C106_C_C106	Biomass	PNW		Washington			5	8011
16	RMPA_AZ_BIOMS	C108_C_C108	Biomass	RMPA		Arizona			1.100979455	8011
17	WUMS_WI_BIOMS	C143_C_C143	Biomass	WUMS		Wisconsin			12.05447641	8011
18	ECAO_KY_STCOA	A169_C_A169	Coal Steam	ECAO		Kentucky			268	9000
19	MACW_PA_WC	A168_C_A168	Coal Steam	MACW		Pennsylvania			520	9000
20	MANO_IL_STCOA	A108_C_A108	Coal Steam	MANO		Illinois			18	9000
21	RMPA_WY_STCOA	A147_C_A147	Coal Steam	RMPA		Wyoming			80	9000
22	SPPN_MO_STCOA	A022_C_A022	Coal Steam	SPPN		Missouri			540	9000
23	TVA_MS_STCOA	A041_C_A041	Coal Steam	TVA		Mississippi			440	9000
24	AZNM_AZ_CGCC	A040_C_A040	Combined Cycle	AZNM		Arizona			1030	7500
25	AZNM_AZ_CC	A162_C_A162	Combined Cycle	AZNM		Arizona			6929	7500
26	AZNM_NV_CC	A122_C_A122	Combined Cycle	AZNM		Nevada			2477	7500
27	AZNM_NM_CC	A121_C_A121	Combined Cycle	AZNM		New Mexico			570	7500
28	CALI_CA_CGCC	A117_C_A117	Combined Cycle	CALI		California			2468	7500
29	CALI_CA_CC	A170_C_A170	Combined Cycle	CALI		California			5663	7500
30	DSNY_NY_CC	A123_C_A123	Combined Cycle	DSNY		New York			1830	7500
31	ECAO_IN_CGCC	A065_C_A065	Combined Cycle	ECAO		Indiana			525	7500
32	ECAO_IN_CC	A124_C_A124	Combined Cycle	ECAO		Indiana			1020	7500
33	ECAO_MI_CC	A125_C_A125	Combined Cycle	ECAO		Michigan			1152	7500
34	ECAO_OH_CC	A126_C_A126	Combined Cycle	ECAO		Ohio			2740	7500
35	ECAO_PA_CC	A127_C_A127	Combined Cycle	ECAO		Pennsylvania			1353	7500
36	ENTG_AR_CGCC	A039_C_A039	Combined Cycle	ENTG		Arkansas			213.3	7500
37	ENTG_AR_CC	A167_C_A167	Combined Cycle	ENTG		Arkansas			4330	7500
38	ENTG_LA_CGCC	A149_C_A149	Combined Cycle	ENTG		Louisiana			1678	7500
39	ENTG_LA_CC	A164_C_A164	Combined Cycle	ENTG		Louisiana			2939	7500
40	ENTG_MS_CC	A155_C_A155	Combined Cycle	ENTG		Mississippi			3518	7500
41	ENTG_TX__Rest of Texas - East_CGCC	B007_C_TX007	Combined Cycle	ENTG	Rest of Texas - East	Texas			420	7500
42	ERCT_TX__Rest of Texas - West_CC	B012_C_TX012	Combined Cycle	ERCT	Rest of Texas - West	Texas			1687	7500
43	ERCT_TX__East Central_CGCC	B013_C_TX013	Combined Cycle	ERCT	East Central	Texas			1512.7	7500
44	ERCT_TX__East Central_CC	B020_C_TX020	Combined Cycle	ERCT	East Central	Texas			2942	7500
45	ERCT_TX__Houston_CC	B021_C_TX021	Combined Cycle	ERCT	Houston	Texas			1108	7500
46	ERCT_TX__Rest of Texas - East_CC	B025_C_TX025	Combined Cycle	ERCT	Rest of Texas - East	Texas			6375	7500
47	ERCT_TX__Houston_CGCC	B026_C_TX026	Combined Cycle	ERCT	Houston	Texas			1978	7500
48	FRCC_FL_CC	A171_C_A171	Combined Cycle	FRCC		Florida			8346	7500
49	MACE_DE_CC	A069_C_A069	Combined Cycle	MACE		Delaware			500	7500
50	MACE_NJ_CC	A111_C_A111	Combined Cycle	MACE		New Jersey			2410	7500

	K	L	M	N	O	P	Q	R	S	T	U
2	On Line Year	SO2 Rate	Firing	Bottom	Reserve Margin Contribution %	Fossil Unit?	NOx Base Rate	NOx Policy Rate	MercuryEMF_01	MercuryEMF_02	After 2001
3	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
4	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
5	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
6	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
7	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
8	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
9	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
10	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
11	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
12	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
13	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
14	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
15	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
16	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
17	2005	0	other	other	100	Non-Fossil	0.02	0.02			yes
18	2004	0.25	PC	unknown	100	Fossil	0.11	0.11	0.1	0.1	yes
19	2004	0.25	other	other	100	Fossil	0.11	0.11	0.1	0.1	yes
20	2004	0.25	PC	unknown	100	Fossil	0.11	0.11	0.1	0.1	yes
21	2004	0.11	PC	unknown	100	Fossil	0.11	0.11	0.1	0.1	yes
22	2004	0.25	PC	unknown	100	Fossil	0.11	0.11	0.1	0.1	yes
23	2004	0.25	PC	unknown	100	Fossil	0.11	0.11	0.1	0.1	yes
24	2004	0	other	other	100	Fossil	0.02	0.02			yes
25	2004	0	other	other	100	Fossil	0.02	0.02			yes
26	2004	0	other	other	100	Fossil	0.02	0.02			yes
27	2004	0	other	other	100	Fossil	0.02	0.02			yes
28	2004	0	other	other	100	Fossil	0.02	0.02			yes
29	2004	0	other	other	100	Fossil	0.02	0.02			yes
30	2004	0	other	other	100	Fossil	0.02	0.02			yes
31	2004	0	other	other	100	Fossil	0.02	0.02			yes
32	2004	0	other	other	100	Fossil	0.02	0.02			yes
33	2004	0	other	other	100	Fossil	0.02	0.02			yes
34	2004	0	other	other	100	Fossil	0.02	0.02			yes
35	2004	0	other	other	100	Fossil	0.02	0.02			yes
36	2004	0	other	other	100	Fossil	0.02	0.02			yes
37	2004	0	other	other	100	Fossil	0.02	0.02			yes
38	2004	0	other	other	100	Fossil	0.02	0.02			yes
39	2004	0	other	other	100	Fossil	0.02	0.02			yes
40	2004	0	other	other	100	Fossil	0.02	0.02			yes
41	2004	0	other	other	100	Fossil	0.02	0.02			yes
42	2004	0	other	other	100	Fossil	0.02	0.02			yes
43	2004	0	other	other	100	Fossil	0.02	0.02			yes
44	2004	0	other	other	100	Fossil	0.02	0.02			yes
45	2004	0	other	other	100	Fossil	0.02	0.02			yes
46	2004	0	other	other	100	Fossil	0.02	0.02			yes
47	2004	0	other	other	100	Fossil	0.02	0.02			yes
48	2004	0	other	other	100	Fossil	0.02	0.02			yes
49	2004	0	other	other	100	Fossil	0.02	0.02			yes
50	2004	0	other	other	100	Fossil	0.02	0.02			yes

	A	B	C	D	E	F	G	H	I	J
2	Plant Name	Unique Id	PechanPlantType	Region Name	Texas Region	State Name	County	County Code	Capacity MW	Util Heat Rate
51	MACE_PA_CC	A058_C_A058	Combined Cycle	MACE		Pennsylvania			500	7500
52	MACE_PA_CGCC	A161_C_A161	Combined Cycle	MACE		Pennsylvania			725	7500
53	MACW_PA_CC	A128_C_A128	Combined Cycle	MACW		Pennsylvania			2645	7500
54	MANO_IL_CGCC	A021_C_A021	Combined Cycle	MANO		Illinois			40	7500
55	MANO_IL_CC	A129_C_A129	Combined Cycle	MANO		Illinois			2892	7500
56	MANO_MO_CC	A015_C_A015	Combined Cycle	MANO		Missouri			260	7500
57	MAPP_IL_CC	A019_C_A019	Combined Cycle	MAPP		Illinois			537.1	7500
58	MAPP_MN_CC	A086_C_A086	Combined Cycle	MAPP		Minnesota			290	7500
59	MAPP_NE_CC	A150_C_A150	Combined Cycle	MAPP		Nebraska			118	7500
60	MECS_MI_CGCC	A001_C_A001	Combined Cycle	MECS		Michigan			570	7500
61	MECS_MI_CC	A088_C_A088	Combined Cycle	MECS		Michigan			1286	7500
62	NENG_CT_CC	A148_C_A148	Combined Cycle	NENG		Connecticut			1876	7500
63	NENG_ME_CC	A002_C_A002	Combined Cycle	NENG		Maine			540	7500
64	NENG_MA_CC	A103_C_A103	Combined Cycle	NENG		Massachusetts			3992	7500
65	NENG_NH_CC	A094_C_A094	Combined Cycle	NENG		New Hampshire			1245	7500
66	NENG_RI_CC	A099_C_A099	Combined Cycle	NENG		Rhode Island			500	7500
67	NWPE_MT_CC	A151_C_A151	Combined Cycle	NWPE		Montana			240	7500
68	NYC_NY_CC	A156_C_A156	Combined Cycle	NYC		New York			242	7500
69	PNW_ID_CC	A037_C_A037	Combined Cycle	PNW		Idaho			260	7500
70	PNW_OR_CGCC	A032_C_A032	Combined Cycle	PNW		Oregon			464	7500
71	PNW_OR_CC	A100_C_A100	Combined Cycle	PNW		Oregon			661	7500
72	PNW_WA_CC	A157_C_A157	Combined Cycle	PNW		Washington			2080	7500
73	RMPA_CO_CC	A095_C_A095	Combined Cycle	RMPA		Colorado			849	7500
74	SOU_AL_CC	A130_C_A130	Combined Cycle	SOU		Alabama			5083	7500
75	SOU_AL_CGCC	A160_C_A160	Combined Cycle	SOU		Alabama			1015	7500
76	SOU_FL_CC	A066_C_A066	Combined Cycle	SOU		Florida			500	7500
77	SOU_FL_CGCC	A118_C_A118	Combined Cycle	SOU		Florida			240	7500
78	SOU_GA_CC	A165_C_A165	Combined Cycle	SOU		Georgia			4476	7500
79	SOU_MS_CC	A006_C_A006	Combined Cycle	SOU		Mississippi			1000	7500
80	SPPN_MO_CC	A062_C_A062	Combined Cycle	SPPN		Missouri			1018	7500
81	SPPS_LA_CGCC	A087_C_A087	Combined Cycle	SPPS		Louisiana			448	7500
82	SPPS_OK_CGCC	A119_C_A119	Combined Cycle	SPPS		Oklahoma			450	7500
83	SPPS_OK_CC	A131_C_A131	Combined Cycle	SPPS		Oklahoma			5233	7500
84	SPPS_TX__East Central_CC	B004_C_TX004	Combined Cycle	SPPS	East Central	Texas			745	7500
85	SPPS_TX__Rest of Texas - East_CC	B022_C_TX022	Combined Cycle	SPPS	Rest of Texas - East	Texas			1140	7500
86	TVA_AL_CGCC	A110_C_A110	Combined Cycle	TVA		Alabama			1290	7500
87	TVA_MS_CC	A158_C_A158	Combined Cycle	TVA		Mississippi			2500	7500
88	TVA_TN_CC	A089_C_A089	Combined Cycle	TVA		Tennessee			79	7500
89	VACA_NC_CC	A132_C_A132	Combined Cycle	VACA		North Carolina			940	7500
90	VACA_SC_CC	A077_C_A077	Combined Cycle	VACA		South Carolina			450	7500
91	VACA_SC_CGCC	A120_C_A120	Combined Cycle	VACA		South Carolina			1000	7500
92	VACA_VA_CC	A112_C_A112	Combined Cycle	VACA		Virginia			450	7500
93	CALI_CA_WASTE	A020_C_A020	Fossil Waste	CALI		California			20	11000
94	ECAO_KY_WASTE	A016_C_A016	Fossil Waste	ECAO		Kentucky			60	11000
95	AZNM_TX_FCELL	C010_C_C010	Fuel Cell	AZNM		Texas			0.001272579	7500
96	DSNY_NY_FCELL	C019_C_C019	Fuel Cell	DSNY		New York			0.305055237	7500
97	ENTG_TX_FCELL	C035_C_C035	Fuel Cell	ENTG		Texas			0.007574815	7500
98	ERCT_TX_FCELL	C038_C_C038	Fuel Cell	ERCT		Texas			0.162935698	7500

	K	L	M	N	O	P	Q	R	S	T	U
2	On Line Year	SO2 Rate	Firing	Bottom	Reserve Margin Contribution %	Fossil Unit?	NOx Base Rate	NOx Policy Rate	MercuryEMF_01	MercuryEMF_02	After 2001
51	2004	0	other	other	100	Fossil	0.02	0.02			yes
52	2004	0	other	other	100	Fossil	0.02	0.02			yes
53	2004	0	other	other	100	Fossil	0.02	0.02			yes
54	2004	0	other	other	100	Fossil	0.02	0.02			yes
55	2004	0	other	other	100	Fossil	0.02	0.02			yes
56	2004	0	other	other	100	Fossil	0.02	0.02			yes
57	2004	0	other	other	100	Fossil	0.02	0.02			yes
58	2004	0	other	other	100	Fossil	0.02	0.02			yes
59	2004	0	other	other	100	Fossil	0.02	0.02			yes
60	2004	0	other	other	100	Fossil	0.02	0.02			yes
61	2004	0	other	other	100	Fossil	0.02	0.02			yes
62	2004	0	other	other	100	Fossil	0.02	0.02			yes
63	2004	0	other	other	100	Fossil	0.02	0.02			yes
64	2004	0	other	other	100	Fossil	0.02	0.02			yes
65	2004	0	other	other	100	Fossil	0.02	0.02			yes
66	2004	0	other	other	100	Fossil	0.02	0.02			yes
67	2004	0	other	other	100	Fossil	0.02	0.02			yes
68	2004	0	other	other	100	Fossil	0.02	0.02			yes
69	2004	0	other	other	100	Fossil	0.02	0.02			yes
70	2004	0	other	other	100	Fossil	0.02	0.02			yes
71	2004	0	other	other	100	Fossil	0.02	0.02			yes
72	2004	0	other	other	100	Fossil	0.02	0.02			yes
73	2004	0	other	other	100	Fossil	0.02	0.02			yes
74	2004	0	other	other	100	Fossil	0.02	0.02			yes
75	2004	0	other	other	100	Fossil	0.02	0.02			yes
76	2004	0	other	other	100	Fossil	0.02	0.02			yes
77	2004	0	other	other	100	Fossil	0.02	0.02			yes
78	2004	0	other	other	100	Fossil	0.02	0.02			yes
79	2004	0	other	other	100	Fossil	0.02	0.02			yes
80	2004	0	other	other	100	Fossil	0.02	0.02			yes
81	2004	0	other	other	100	Fossil	0.02	0.02			yes
82	2004	0	other	other	100	Fossil	0.02	0.02			yes
83	2004	0	other	other	100	Fossil	0.02	0.02			yes
84	2004	0	other	other	100	Fossil	0.02	0.02			yes
85	2004	0	other	other	100	Fossil	0.02	0.02			yes
86	2004	0	other	other	100	Fossil	0.02	0.02			yes
87	2004	0	other	other	100	Fossil	0.02	0.02			yes
88	2004	0	other	other	100	Fossil	0.02	0.02			yes
89	2004	0	other	other	100	Fossil	0.02	0.02			yes
90	2004	0	other	other	100	Fossil	0.02	0.02			yes
91	2004	0	other	other	100	Fossil	0.02	0.02			yes
92	2004	0	other	other	100	Fossil	0.02	0.02			yes
93	2004	0	other	other	100	Fossil	0.131224492	0.131224492			yes
94	2004	0	other	other	100	Fossil	0.41561224	0.41561224			yes
95	2005	0	other	other	100	Non-Fossil	0	0			yes
96	2005	0	other	other	100	Non-Fossil	0	0			yes
97	2005	0	other	other	100	Non-Fossil	0	0			yes
98	2005	0	other	other	100	Non-Fossil	0	0			yes

	A	B	C	D	E	F	G	H	I	J
2	Plant Name	Unique Id	PechanPlantType	Region Name	Texas Region	State Name	County	County Code	Capacity MW	Util Heat Rate
99	LILC_NY_FCELL	C042_C_C042	Fuel Cell	LILC		New York			0.170350613	7500
100	MACE_NJ_FCELL	C047_C_C047	Fuel Cell	MACE		New Jersey			15.2	7500
101	NENG_CT_FCELL	C080_C_C080	Fuel Cell	NENG		Connecticut			1.02	7500
102	NYC_NY_FCELL	C094_C_C094	Fuel Cell	NYC		New York			0.281381799	7500
103	SPPS_TX_FCELL	C127_C_C127	Fuel Cell	SPPS		Texas			0.018216908	7500
104	UPNY_NY_FCELL	C133_C_C133	Fuel Cell	UPNY		New York			0.843212351	7500
105	AZNM_NV_GEO	C006_C_C006	Geothermal	AZNM		Nevada			27.74840202	32320
106	AZNM_NM_GEO	C009_C_C009	Geothermal	AZNM		New Mexico			0.803241918	32320
107	CALI_CA_GEO	C014_C_C014	Geothermal	CALI		California			215.3060514	32320
108	NWPE_NV_GEO	C089_C_C089	Geothermal	NWPE		Nevada			25.45159798	32320
109	PNW_CA_GEO	C098_C_C098	Geothermal	PNW		California			7.843948609	32320
110	RMPA_NM_GEO	C117_C_C117	Geothermal	RMPA		New Mexico			0.006926427	32320
111	SPPS_NM_GEO	C126_C_C126	Geothermal	SPPS		New Mexico			0.139831655	32320
112	AZNM_AZ_HYDRO	C002_C_C002	Hydro	AZNM		Arizona			0.692053713	0
113	CALI_CA_HYDRO	C015_C_C015	Hydro	CALI		California			20.26182872	0
114	ECAO_KY_HYDRO	C026_C_C026	Hydro	ECAO		Kentucky			11.84161584	0
115	MAPP_NE_HYDRO	C070_C_C070	Hydro	MAPP		Nebraska			0.636735495	0
116	MAPP_WY_HYDRO	C077_C_C077	Hydro	MAPP		Wyoming			0.062970605	0
117	NENG_NH_HYDRO	C085_C_C085	Hydro	NENG		New Hampshire			2.196	0
118	NWPE_WY_HYDRO	C092_C_C092	Hydro	NWPE		Wyoming			0.446534065	0
119	PNW_CA_HYDRO	C099_C_C099	Hydro	PNW		California			0.738171279	0
120	RMPA_AZ_HYDRO	C109_C_C109	Hydro	RMPA		Arizona			0.057946287	0
121	RMPA_NE_HYDRO	C114_C_C114	Hydro	RMPA		Nebraska			0.001664505	0
122	RMPA_WY_HYDRO	C119_C_C119	Hydro	RMPA		Wyoming			0.17369533	0
123	TVA_KY_HYDRO	C132_C_C132	Hydro	TVA		Kentucky			4.158384158	0
124	AZNM_AZ_LFGAS	C003_C_C003	Landfill Gas	AZNM		Arizona			10.51921644	13648
125	AZNM_TX_LFGAS	C011_C_C011	Landfill Gas	AZNM		Texas			0.52641244	13648
126	CALI_CA_LFGAS	C016_C_C016	Landfill Gas	CALI		California			112.2022887	13648
127	DSNY_NY_LFGAS	C020_C_C020	Landfill Gas	DSNY		New York			0.135368262	13648
128	ECAO_IL_LFGAS	C023_C_C023	Landfill Gas	ECAO		Illinois			0.357835906	13648
129	ECAO_IN_LFGAS	C025_C_C025	Landfill Gas	ECAO		Indiana			0.303105266	13648
130	ECAO_MD_LFGAS	C027_C_C027	Landfill Gas	ECAO		Maryland			0.113855069	13648
131	ECAO_MI_LFGAS	C028_C_C028	Landfill Gas	ECAO		Michigan			0.394423173	13648
132	ECAO_OH_LFGAS	C029_C_C029	Landfill Gas	ECAO		Ohio			4.71	13648
133	ECAO_PA_LFGAS	C030_C_C030	Landfill Gas	ECAO		Pennsylvania			0.248212178	13648
134	ECAO_VA_LFGAS	C032_C_C032	Landfill Gas	ECAO		Virginia			1.609829558	13648
135	ENTG_LA_LFGAS	C034_C_C034	Landfill Gas	ENTG		Louisiana			2.837653553	13648
136	ENTG_TX_LFGAS	C036_C_C036	Landfill Gas	ENTG		Texas			3.133382032	13648
137	ERCT_TX_LFGAS	C039_C_C039	Landfill Gas	ERCT		Texas			67.39963786	13648
138	FRCC_FL_LFGAS	C041_C_C041	Landfill Gas	FRCC		Florida			2.379931891	13648
139	LILC_NY_LFGAS	C043_C_C043	Landfill Gas	LILC		New York			0.075593085	13648
140	MACE_MD_LFGAS	C045_C_C045	Landfill Gas	MACE		Maryland			0.176647864	13648
141	MACE_NJ_LFGAS	C048_C_C048	Landfill Gas	MACE		New Jersey			11.4	13648
142	MACE_PA_LFGAS	C050_C_C050	Landfill Gas	MACE		Pennsylvania			0.246890205	13648
143	MACE_VA_LFGAS	C052_C_C052	Landfill Gas	MACE		Virginia			0.458657532	13648
144	MACS_MD_LFGAS	C053_C_C053	Landfill Gas	MACS		Maryland			3.699497067	13648
145	MACW_PA_LFGAS	C054_C_C054	Landfill Gas	MACW		Pennsylvania			0.554897618	13648
146	MANO_IL_LFGAS	C057_C_C057	Landfill Gas	MANO		Illinois			21.68208647	13648

	K	L	M	N	O	P	Q	R	S	T	U
2	On Line Year	SO2 Rate	Firing	Bottom	Reserve Margin Contribution %	Fossil Unit?	NOx Base Rate	NOx Policy Rate	MercuryEMF_01	MercuryEMF_02	After 2001
99	2005	0	other	other	100	Non-Fossil	0	0			yes
100	2005	0	other	other	100	Non-Fossil	0	0			yes
101	2005	0	other	other	100	Non-Fossil	0	0			yes
102	2005	0	other	other	100	Non-Fossil	0	0			yes
103	2005	0	other	other	100	Non-Fossil	0	0			yes
104	2005	0	other	other	100	Non-Fossil	0	0			yes
105	2005	0	other	other	100	Non-Fossil	0	0			yes
106	2005	0	other	other	100	Non-Fossil	0	0			yes
107	2005	0	other	other	100	Non-Fossil	0	0			yes
108	2005	0	other	other	100	Non-Fossil	0	0			yes
109	2005	0	other	other	100	Non-Fossil	0	0			yes
110	2005	0	other	other	100	Non-Fossil	0	0			yes
111	2005	0	other	other	100	Non-Fossil	0	0			yes
112	2005	0	other	other	100	Non-Fossil	0	0			yes
113	2005	0	other	other	100	Non-Fossil	0	0			yes
114	2005	0	other	other	100	Non-Fossil	0	0			yes
115	2005	0	other	other	100	Non-Fossil	0	0			yes
116	2005	0	other	other	100	Non-Fossil	0	0			yes
117	2005	0	other	other	100	Non-Fossil	0	0			yes
118	2005	0	other	other	100	Non-Fossil	0	0			yes
119	2005	0	other	other	100	Non-Fossil	0	0			yes
120	2005	0	other	other	100	Non-Fossil	0	0			yes
121	2005	0	other	other	100	Non-Fossil	0	0			yes
122	2005	0	other	other	100	Non-Fossil	0	0			yes
123	2005	0	other	other	100	Non-Fossil	0	0			yes
124	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
125	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
126	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
127	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
128	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
129	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
130	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
131	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
132	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
133	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
134	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
135	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
136	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
137	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
138	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
139	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
140	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
141	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
142	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
143	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
144	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
145	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
146	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes

	A	B	C	D	E	F	G	H	I	J
2	Plant Name	Unique Id	PechanPlantType	Region Name	Texas Region	State Name	County	County Code	Capacity MW	Util Heat Rate
147	MANO_IN_LFGAS	C059_C_C059	Landfill Gas	MANO		Indiana			0.006894734	13648
148	MAPP_IL_LFGAS	C062_C_C062	Landfill Gas	MAPP		Illinois			0.040077622	13648
149	MAPP_MI_LFGAS	C065_C_C065	Landfill Gas	MAPP		Michigan			0.000312762	13648
150	MAPP_MN_LFGAS	C067_C_C067	Landfill Gas	MAPP		Minnesota			3.04	13648
151	MAPP_NE_LFGAS	C071_C_C071	Landfill Gas	MAPP		Nebraska			3.032073788	13648
152	MAPP_WI_LFGAS	C076_C_C076	Landfill Gas	MAPP		Wisconsin			0.835069322	13648
153	MECS_MI_LFGAS	C079_C_C079	Landfill Gas	MECS		Michigan			4.00266746	13648
154	NENG_MA_LFGAS	C083_C_C083	Landfill Gas	NENG		Massachusetts			9.12	13648
155	NYC_NY_LFGAS	C095_C_C095	Landfill Gas	NYC		New York			0.124863173	13648
156	PNW_CA_LFGAS	C100_C_C100	Landfill Gas	PNW		California			4.087711332	13648
157	PNW_OR_LFGAS	C104_C_C104	Landfill Gas	PNW		Oregon			5.9	13648
158	RMPA_AZ_LFGAS	C110_C_C110	Landfill Gas	RMPA		Arizona			0.880783564	13648
159	RMPA_NE_LFGAS	C115_C_C115	Landfill Gas	RMPA		Nebraska			0.007926212	13648
160	SOU_FL_LFGAS	C121_C_C121	Landfill Gas	SOU		Florida			6.81088E-05	13648
161	SOU_GA_LFGAS	C122_C_C122	Landfill Gas	SOU		Georgia			8.82748896	13648
162	SOU_LA_LFGAS	C124_C_C124	Landfill Gas	SOU		Louisiana			0.065133643	13648
163	SPPS_LA_LFGAS	C125_C_C125	Landfill Gas	SPPS		Louisiana			1.087212804	13648
164	SPPS_TX_LFGAS	C128_C_C128	Landfill Gas	SPPS		Texas			7.53556767	13648
165	TVA_GA_LFGAS	C130_C_C130	Landfill Gas	TVA		Georgia			0.011023229	13648
166	UPNY_NY_LFGAS	C134_C_C134	Landfill Gas	UPNY		New York			0.374175481	13648
167	VACA_GA_LFGAS	C136_C_C136	Landfill Gas	VACA		Georgia			0.23148781	13648
168	VACA_NC_LFGAS	C138_C_C138	Landfill Gas	VACA		North Carolina			0.988	13648
169	VACA_SC_LFGAS	C139_C_C139	Landfill Gas	VACA		South Carolina			1.71	13648
170	VACA_VA_LFGAS	C140_C_C140	Landfill Gas	VACA		Virginia			14.41151291	13648
171	WUMS_MI_LFGAS	C142_C_C142	Landfill Gas	WUMS		Michigan			0.162596606	13648
172	WUMS_WI_LFGAS	C144_C_C144	Landfill Gas	WUMS		Wisconsin			4.584930678	13648
173	CALI_CA_OTHER	A107_C_A107	Non-Fossil Waste	CALI		California			1	11000
174	ECAO_VA_OTHER	A081_C_A081	Non-Fossil Waste	ECAO		Virginia			90.009	11000
175	ERCT_TX__Dallas/Fort Worth_OTHER	B008_C_TX008	Non-Fossil Waste	ERCT	Dallas/Fort Worth	Texas			10.4	11000
176	MACW_PA_OTHER	A004_C_A004	Non-Fossil Waste	MACW		Pennsylvania			9.5	11000
177	MAPP_IA_OTHER	A028_C_A028	Non-Fossil Waste	MAPP		Iowa			0.28	11000
178	TVA_MS_OTHER	A146_C_A146	Non-Fossil Waste	TVA		Mississippi			12	11000
179	WUMS_WI_OTHER	A056_C_A056	Non-Fossil Waste	WUMS		Wisconsin			0.2	11000
180	SOU_GA_PUMPS	C123_C_C123	Pumped Storage	SOU		Georgia			291.9786867	0
181	TVA_GA_PUMPS	C131_C_C131	Pumped Storage	TVA		Georgia			0.364605151	0
182	VACA_GA_PUMPS	C137_C_C137	Pumped Storage	VACA		Georgia			7.656708175	0
183	AZNM_AZ_SOLAR	C004_C_C004	Solar	AZNM		Arizona			34.72264162	0
184	AZNM_NV_SOLAR	C007_C_C007	Solar	AZNM		Nevada			26.07932521	0
185	CALI_CA_SOLAR	C017_C_C017	Solar	CALI		California			0.72363674	0
186	NWPE_NV_SOLAR	C090_C_C090	Solar	NWPE		Nevada			23.92067479	0
187	PNW_CA_SOLAR	C101_C_C101	Solar	PNW		California			0.02636326	0
188	RMPA_AZ_SOLAR	C111_C_C111	Solar	RMPA		Arizona			2.90735838	0
189	AZNM_AZ_CT	A163_C_A163	Turbine	AZNM		Arizona			1277	10930
190	AZNM_NV_CT	A134_C_A134	Turbine	AZNM		Nevada			90	10930
191	AZNM_NM_CT	A133_C_A133	Turbine	AZNM		New Mexico			254	10930
192	CALI_CA_CGCT	A090_C_A090	Turbine	CALI		California			114.4	10930
193	CALI_CA_CT	A113_C_A113	Turbine	CALI		California			2208.5	10930
194	ECAO_IN_CGCT	A053_C_A053	Turbine	ECAO		Indiana			50	10930

	K	L	M	N	O	P	Q	R	S	T	U
2	On Line Year	SO2 Rate	Firing	Bottom	Reserve Margin Contribution %	Fossil Unit?	NOx Base Rate	NOx Policy Rate	MercuryEMF_01	MercuryEMF_02	After 2001
147	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
148	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
149	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
150	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
151	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
152	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
153	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
154	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
155	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
156	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
157	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
158	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
159	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
160	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
161	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
162	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
163	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
164	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
165	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
166	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
167	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
168	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
169	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
170	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
171	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
172	2005	0	other	other	100	Non-Fossil	0.246	0.246			yes
173	2004	0	other	other	100	Non-Fossil	0	0			yes
174	2004	0	other	other	100	Non-Fossil	0	0			yes
175	2004	0	other	other	100	Non-Fossil	0	0			yes
176	2004	0	other	other	100	Non-Fossil	0	0			yes
177	2004	0	other	other	100	Non-Fossil	0	0			yes
178	2004	0	other	other	100	Non-Fossil	0	0			yes
179	2004	0	other	other	100	Non-Fossil	0	0			yes
180	2005	0	other	other	100	Non-Fossil	0	0			yes
181	2005	0	other	other	100	Non-Fossil	0	0			yes
182	2005	0	other	other	100	Non-Fossil	0	0			yes
183	2005	0	other	other	100	Non-Fossil	0	0			yes
184	2005	0	other	other	100	Non-Fossil	0	0			yes
185	2005	0	other	other	100	Non-Fossil	0	0			yes
186	2005	0	other	other	100	Non-Fossil	0	0			yes
187	2005	0	other	other	100	Non-Fossil	0	0			yes
188	2005	0	other	other	100	Non-Fossil	0	0			yes
189	2004	0	other	other	100	Fossil	0.08	0.08			yes
190	2004	0	other	other	100	Fossil	0.08	0.08			yes
191	2004	0	other	other	100	Fossil	0.08	0.08			yes
192	2004	0	other	other	100	Fossil	0.08	0.08			yes
193	2004	0	other	other	100	Fossil	0.08	0.08			yes
194	2004	0	other	other	100	Fossil	0.08	0.08			yes

	A	B	C	D	E	F	G	H	I	J
2	Plant Name	Unique Id	PechanPlantType	Region Name	Texas Region	State Name	County	County Code	Capacity MW	Util Heat Rate
195	ECAO_IN_CT	A135_C_A135	Turbine	ECAO		Indiana			1132.43	10930
196	ECAO_KY_CT	A073_C_A073	Turbine	ECAO		Kentucky			2197	10930
197	ECAO_MI_CT	A136_C_A136	Turbine	ECAO		Michigan			392	10930
198	ECAO_OH_CGCT	A005_C_A005	Turbine	ECAO		Ohio			28	10930
199	ECAO_OH_CT	A137_C_A137	Turbine	ECAO		Ohio			4006	10930
200	ECAO_PA_CT	A138_C_A138	Turbine	ECAO		Pennsylvania			760	10930
201	ECAO_VA_CT	A024_C_A024	Turbine	ECAO		Virginia			250	10930
202	ECAO_WV_CT	A060_C_A060	Turbine	ECAO		West Virginia			1140	10930
203	ENTG_AR_CT	A116_C_A116	Turbine	ENTG		Arkansas			359.05	10930
204	ENTG_LA_CGCT	A102_C_A102	Turbine	ENTG		Louisiana			602	10930
205	ENTG_LA_CT	A166_C_A166	Turbine	ENTG		Louisiana			1055.1	10930
206	ENTG_MS_CT	A114_C_A114	Turbine	ENTG		Mississippi			672.175	10930
207	ENTG_TX__Rest of Texas - East_CGCT	B006_C_TX006	Turbine	ENTG	Rest of Texas - East	Texas			75	10930
208	ERCT_TX__East Central_CT	B002_C_TX002	Turbine	ERCT	East Central	Texas			200	10930
209	ERCT_TX__Dallas/Fort Worth_CT	B003_C_TX003	Turbine	ERCT	Dallas/Fort Worth	Texas			85	10930
210	ERCT_TX__Rest of Texas - East_CT	B010_C_TX010	Turbine	ERCT	Rest of Texas - East	Texas			275	10930
211	ERCT_TX__Houston_CT	B024_C_TX024	Turbine	ERCT	Houston	Texas			980	10930
212	ERCT_TX__Houston_CGCT	B027_C_TX027	Turbine	ERCT	Houston	Texas			1240	10930
213	FRCC_FL_CGCT	A068_C_A068	Turbine	FRCC		Florida			180	10930
214	FRCC_FL_CT	A153_C_A153	Turbine	FRCC		Florida			4713	10930
215	LILC_NY_CT	A082_C_A082	Turbine	LILC		New York			404.9	10930
216	MACE_DE_CGCT	A030_C_A030	Turbine	MACE		Delaware			88	10930
217	MACE_DE_CT	A061_C_A061	Turbine	MACE		Delaware			378	10930
218	MACE_MD_CT	A139_C_A139	Turbine	MACE		Maryland			680	10930
219	MACE_NJ_CGCT	A057_C_A057	Turbine	MACE		New Jersey			170	10930
220	MACE_NJ_CT	A115_C_A115	Turbine	MACE		New Jersey			774.6	10930
221	MACE_PA_CT	A154_C_A154	Turbine	MACE		Pennsylvania			550	10930
222	MACW_PA_CGCT	A059_C_A059	Turbine	MACW		Pennsylvania			145	10930
223	MACW_PA_CT	A104_C_A104	Turbine	MACW		Pennsylvania			671	10930
224	MANO_IL_CT	A140_C_A140	Turbine	MANO		Illinois			6078.1	10930
225	MANO_MO_CT	A070_C_A070	Turbine	MANO		Missouri			1002	10930
226	MAPP_IA_CT	A141_C_A141	Turbine	MAPP		Iowa			340	10930
227	MAPP_MN_CGCT	A014_C_A014	Turbine	MAPP		Minnesota			24	10930
228	MAPP_MN_CT	A173_C_A173	Turbine	MAPP		Minnesota			1102.7	10930
229	MAPP_NE_CT	A152_C_A152	Turbine	MAPP		Nebraska			460	10930
230	MAPP_WI_CT	A017_C_A017	Turbine	MAPP		Wisconsin			82	10930
231	MECS_MI_CT	A083_C_A083	Turbine	MECS		Michigan			1550	10930
232	NENG_CT_CT	A078_C_A078	Turbine	NENG		Connecticut			333	10930
233	NENG_MA_CT	A105_C_A105	Turbine	NENG		Massachusetts			157.5	10930
234	NWPE_MT_CT	A096_C_A096	Turbine	NWPE		Montana			160	10930
235	NWPE_NV_CT	A027_C_A027	Turbine	NWPE		Nevada			363.36	10930
236	NWPE_UT_CT	A097_C_A097	Turbine	NWPE		Utah			426.3	10930
237	NYC_NY_CT	A159_C_A159	Turbine	NYC		New York			459.6	10930
238	PNW_ID_CT	A038_C_A038	Turbine	PNW		Idaho			100	10930
239	PNW_OR_CT	A085_C_A085	Turbine	PNW		Oregon			134.5	10930
240	PNW_WA_CT	A074_C_A074	Turbine	PNW		Washington			560.6	10930
241	RMPA_CO_CT	A106_C_A106	Turbine	RMPA		Colorado			926	10930
242	RMPA_SD_CT	A063_C_A063	Turbine	RMPA		South Dakota			48	10930

	K	L	M	N	O	P	Q	R	S	T	U
2	On Line Year	SO2 Rate	Firing	Bottom	Reserve Margin Contribution %	Fossil Unit?	NOx Base Rate	NOx Policy Rate	MercuryEMF_01	MercuryEMF_02	After 2001
195	2004	0	other	other	100	Fossil	0.08	0.08			yes
196	2004	0	other	other	100	Fossil	0.08	0.08			yes
197	2004	0	other	other	100	Fossil	0.08	0.08			yes
198	2004	0	other	other	100	Fossil	0.08	0.08			yes
199	2004	0	other	other	100	Fossil	0.08	0.08			yes
200	2004	0	other	other	100	Fossil	0.08	0.08			yes
201	2004	0	other	other	100	Fossil	0.08	0.08			yes
202	2004	0	other	other	100	Fossil	0.08	0.08			yes
203	2004	0	other	other	100	Fossil	0.08	0.08			yes
204	2004	0	other	other	100	Fossil	0.08	0.08			yes
205	2004	0	other	other	100	Fossil	0.08	0.08			yes
206	2004	0	other	other	100	Fossil	0.08	0.08			yes
207	2004	0	other	other	100	Fossil	0.08	0.08			yes
208	2004	0	other	other	100	Fossil	0.08	0.08			yes
209	2004	0	other	other	100	Fossil	0.08	0.08			yes
210	2004	0	other	other	100	Fossil	0.08	0.08			yes
211	2004	0	other	other	100	Fossil	0.08	0.08			yes
212	2004	0	other	other	100	Fossil	0.08	0.08			yes
213	2004	0	other	other	100	Fossil	0.08	0.08			yes
214	2004	0	other	other	100	Fossil	0.08	0.08			yes
215	2004	0	other	other	100	Fossil	0.08	0.08			yes
216	2004	0	other	other	100	Fossil	0.08	0.08			yes
217	2004	0	other	other	100	Fossil	0.08	0.08			yes
218	2004	0	other	other	100	Fossil	0.08	0.08			yes
219	2004	0	other	other	100	Fossil	0.08	0.08			yes
220	2004	0	other	other	100	Fossil	0.08	0.08			yes
221	2004	0	other	other	100	Fossil	0.08	0.08			yes
222	2004	0	other	other	100	Fossil	0.08	0.08			yes
223	2004	0	other	other	100	Fossil	0.08	0.08			yes
224	2004	0	other	other	100	Fossil	0.08	0.08			yes
225	2004	0	other	other	100	Fossil	0.08	0.08			yes
226	2004	0	other	other	100	Fossil	0.08	0.08			yes
227	2004	0	other	other	100	Fossil	0.08	0.08			yes
228	2004	0	other	other	100	Fossil	0.08	0.08			yes
229	2004	0	other	other	100	Fossil	0.08	0.08			yes
230	2004	0	other	other	100	Fossil	0.08	0.08			yes
231	2004	0	other	other	100	Fossil	0.08	0.08			yes
232	2004	0	other	other	100	Fossil	0.08	0.08			yes
233	2004	0	other	other	100	Fossil	0.08	0.08			yes
234	2004	0	other	other	100	Fossil	0.08	0.08			yes
235	2004	0	other	other	100	Fossil	0.08	0.08			yes
236	2004	0	other	other	100	Fossil	0.08	0.08			yes
237	2004	0	other	other	100	Fossil	0.08	0.08			yes
238	2004	0	other	other	100	Fossil	0.08	0.08			yes
239	2004	0	other	other	100	Fossil	0.08	0.08			yes
240	2004	0	other	other	100	Fossil	0.08	0.08			yes
241	2004	0	other	other	100	Fossil	0.08	0.08			yes
242	2004	0	other	other	100	Fossil	0.08	0.08			yes

	A	B	C	D	E	F	G	H	I	J
2	Plant Name	Unique Id	PechanPlantType	Region Name	Texas Region	State Name	County	County Code	Capacity MW	Util Heat Rate
243	RMPA_WY_CT	A009_C_A009	Turbine	RMPA		Wyoming			40	10930
244	SOU_AL_CT	A142_C_A142	Turbine	SOU		Alabama			678	10930
245	SOU_GA_CT	A109_C_A109	Turbine	SOU		Georgia			3254	10930
246	SOU_MS_CT	A079_C_A079	Turbine	SOU		Mississippi			640	10930
247	SPPN_KS_CT	A018_C_A018	Turbine	SPPN		Kansas			150.5	10930
248	SPPN_KS_CGCT	A048_C_A048	Turbine	SPPN		Kansas			15	10930
249	SPPN_MO_CT	A072_C_A072	Turbine	SPPN		Missouri			816	10930
250	SPPS_AR_CT	A025_C_A025	Turbine	SPPS		Arkansas			153	10930
251	SPPS_LA_CGCT	A008_C_A008	Turbine	SPPS		Louisiana			2.92	10930
252	SPPS_LA_CT	A011_C_A011	Turbine	SPPS		Louisiana			165	10930
253	SPPS_OK_CT	A143_C_A143	Turbine	SPPS		Oklahoma			512	10930
254	SPPS_TX__East Central_CT	B005_C_TX005	Turbine	SPPS	East Central	Texas			100	10930
255	SPPS_TX__Rest of Texas - East_CT	B023_C_TX023	Turbine	SPPS	Rest of Texas - East	Texas			95	10930
256	TVA_KY_CT	A080_C_A080	Turbine	TVA		Kentucky			640	10930
257	TVA_MS_CT	A075_C_A075	Turbine	TVA		Mississippi			980	10930
258	TVA_TN_CT	A144_C_A144	Turbine	TVA		Tennessee			1560	10930
259	UPNY_NY_CT	A049_C_A049	Turbine	UPNY		New York			43	10930
260	VACA_NC_CT	A071_C_A071	Turbine	VACA		North Carolina			1240	10930
261	VACA_SC_CT	A145_C_A145	Turbine	VACA		South Carolina			1290	10930
262	VACA_VA_CT	A023_C_A023	Turbine	VACA		Virginia			491	10930
263	WUMS_WI_CT	A010_C_A010	Turbine	WUMS		Wisconsin			510	10930
264	AZNM_NV_WIND	C008_C_C008	Wind	AZNM		Nevada			44.33485285	0
265	AZNM_TX_WIND	C012_C_C012	Wind	AZNM		Texas			4.638216363	0
266	CALI_CA_WIND	C018_C_C018	Wind	CALI		California			438.2344098	0
267	DSNY_NY_WIND	C021_C_C021	Wind	DSNY		New York			63.77561054	0
268	ECAO_IL_WIND	C024_C_C024	Wind	ECAO		Illinois			0.826685216	0
269	ECAO_PA_WIND	C031_C_C031	Wind	ECAO		Pennsylvania			0.030731032	0
270	ECAO_WV_WIND	C033_C_C033	Wind	ECAO		West Virginia			104.1236046	0
271	ENTG_TX_WIND	C037_C_C037	Wind	ENTG		Texas			27.60820735	0
272	ERCT_TX_WIND	C040_C_C040	Wind	ERCT		Texas			593.8577418	0
273	LILC_NY_WIND	C044_C_C044	Wind	LILC		New York			35.61392512	0
274	MACE_NJ_WIND	C049_C_C049	Wind	MACE		New Jersey			14	0
275	MACE_PA_WIND	C051_C_C051	Wind	MACE		Pennsylvania			0.030567359	0
276	MACW_PA_WIND	C055_C_C055	Wind	MACW		Pennsylvania			0.06870161	0
277	MANO_IL_WIND	C058_C_C058	Wind	MANO		Illinois			50.09072604	0
278	MANO_IA_WIND	C060_C_C060	Wind	MANO		Iowa			1.430174269	0
279	MAPP_IL_WIND	C063_C_C063	Wind	MAPP		Illinois			0.092588744	0
280	MAPP_IA_WIND	C064_C_C064	Wind	MAPP		Iowa			90.36982573	0
281	MAPP_MN_WIND	C068_C_C068	Wind	MAPP		Minnesota			261.3	0
282	MAPP_MT_WIND	C069_C_C069	Wind	MAPP		Montana			8.026647447	0
283	MAPP_NE_WIND	C072_C_C072	Wind	MAPP		Nebraska			10.47262328	0
284	MAPP_ND_WIND	C073_C_C073	Wind	MAPP		North Dakota			23.5	0
285	MAPP_SD_WIND	C074_C_C074	Wind	MAPP		South Dakota			2.474019018	0
286	MAPP_WY_WIND	C078_C_C078	Wind	MAPP		Wyoming			0.168210414	0
287	NENG_ME_WIND	C081_C_C081	Wind	NENG		Maine			4.62	0
288	NENG_MA_WIND	C084_C_C084	Wind	NENG		Massachusetts			25	0
289	NWPE_CO_WIND	C086_C_C086	Wind	NWPE		Colorado			0.045764114	0
290	NWPE_MT_WIND	C087_C_C087	Wind	NWPE		Montana			89.71380987	0

	K	L	M	N	O	P	Q	R	S	T	U
2	On Line Year	SO2 Rate	Firing	Bottom	Reserve Margin Contribution %	Fossil Unit?	NOx Base Rate	NOx Policy Rate	MercuryEMF_01	MercuryEMF_02	After 2001
243	2004	0	other	other	100	Fossil	0.08	0.08			yes
244	2004	0	other	other	100	Fossil	0.08	0.08			yes
245	2004	0	other	other	100	Fossil	0.08	0.08			yes
246	2004	0	other	other	100	Fossil	0.08	0.08			yes
247	2004	0	other	other	100	Fossil	0.08	0.08			yes
248	2004	0	other	other	100	Fossil	0.08	0.08			yes
249	2004	0	other	other	100	Fossil	0.08	0.08			yes
250	2004	0	other	other	100	Fossil	0.08	0.08			yes
251	2004	0	other	other	100	Fossil	0.08	0.08			yes
252	2004	0	other	other	100	Fossil	0.08	0.08			yes
253	2004	0	other	other	100	Fossil	0.08	0.08			yes
254	2004	0	other	other	100	Fossil	0.08	0.08			yes
255	2004	0	other	other	100	Fossil	0.08	0.08			yes
256	2004	0	other	other	100	Fossil	0.08	0.08			yes
257	2004	0	other	other	100	Fossil	0.08	0.08			yes
258	2004	0	other	other	100	Fossil	0.08	0.08			yes
259	2004	0	other	other	100	Fossil	0.08	0.08			yes
260	2004	0	other	other	100	Fossil	0.08	0.08			yes
261	2004	0	other	other	100	Fossil	0.08	0.08			yes
262	2004	0	other	other	100	Fossil	0.08	0.08			yes
263	2004	0	other	other	100	Fossil	0.08	0.08			yes
264	2005	0	other	other	100	Non-Fossil	0	0			yes
265	2005	0	other	other	100	Non-Fossil	0	0			yes
266	2005	0	other	other	100	Non-Fossil	0	0			yes
267	2005	0	other	other	100	Non-Fossil	0	0			yes
268	2005	0	other	other	100	Non-Fossil	0	0			yes
269	2005	0	other	other	100	Non-Fossil	0	0			yes
270	2005	0	other	other	100	Non-Fossil	0	0			yes
271	2005	0	other	other	100	Non-Fossil	0	0			yes
272	2005	0	other	other	100	Non-Fossil	0	0			yes
273	2005	0	other	other	100	Non-Fossil	0	0			yes
274	2005	0	other	other	100	Non-Fossil	0	0			yes
275	2005	0	other	other	100	Non-Fossil	0	0			yes
276	2005	0	other	other	100	Non-Fossil	0	0			yes
277	2005	0	other	other	100	Non-Fossil	0	0			yes
278	2005	0	other	other	100	Non-Fossil	0	0			yes
279	2005	0	other	other	100	Non-Fossil	0	0			yes
280	2005	0	other	other	100	Non-Fossil	0	0			yes
281	2005	0	other	other	100	Non-Fossil	0	0			yes
282	2005	0	other	other	100	Non-Fossil	0	0			yes
283	2005	0	other	other	100	Non-Fossil	0	0			yes
284	2005	0	other	other	100	Non-Fossil	0	0			yes
285	2005	0	other	other	100	Non-Fossil	0	0			yes
286	2005	0	other	other	100	Non-Fossil	0	0			yes
287	2005	0	other	other	100	Non-Fossil	0	0			yes
288	2005	0	other	other	100	Non-Fossil	0	0			yes
289	2005	0	other	other	100	Non-Fossil	0	0			yes
290	2005	0	other	other	100	Non-Fossil	0	0			yes

	A	B	C	D	E	F	G	H	I	J
2	Plant Name	Unique Id	PechanPlantType	Region Name	Texas Region	State Name	County	County Code	Capacity MW	Util Heat Rate
291	NWPE_NV_WIND	C091_C_C091	Wind	NWPE		Nevada			40.66514715	0
292	NWPE_WY_WIND	C093_C_C093	Wind	NWPE		Wyoming			1.192805429	0
293	NYC_NY_WIND	C096_C_C096	Wind	NYC		New York			58.8263823	0
294	PNW_CA_WIND	C102_C_C102	Wind	PNW		California			15.96559022	0
295	PNW_MT_WIND	C103_C_C103	Wind	PNW		Montana			44.41333135	0
296	PNW_OR_WIND	C105_C_C105	Wind	PNW		Oregon			281.8	0
297	PNW_WA_WIND	C107_C_C107	Wind	PNW		Washington			44.8	0
298	RMPA_CO_WIND	C112_C_C112	Wind	RMPA		Colorado			161.9542359	0
299	RMPA_MT_WIND	C113_C_C113	Wind	RMPA		Montana			7.846211337	0
300	RMPA_NE_WIND	C116_C_C116	Wind	RMPA		Nebraska			0.027376721	0
301	RMPA_SD_WIND	C118_C_C118	Wind	RMPA		South Dakota			0.125980982	0
302	RMPA_WY_WIND	C120_C_C120	Wind	RMPA		Wyoming			0.463984157	0
303	SPPS_TX_WIND	C129_C_C129	Wind	SPPS		Texas			66.39583448	0
304	UPNY_NY_WIND	C135_C_C135	Wind	UPNY		New York			176.284082	0
305	VACA_WV_WIND	C141_C_C141	Wind	VACA		West Virginia			13.87639535	0

	K	L	M	N	O	P	Q	R	S	T	U
2	On Line Year	SO2 Rate	Firing	Bottom	Reserve Margin Contribution %	Fossil Unit?	NOx Base Rate	NOx Policy Rate	MercuryEMF_01	MercuryEMF_02	After 2001
291	2005	0	other	other	100	Non-Fossil	0	0			yes
292	2005	0	other	other	100	Non-Fossil	0	0			yes
293	2005	0	other	other	100	Non-Fossil	0	0			yes
294	2005	0	other	other	100	Non-Fossil	0	0			yes
295	2005	0	other	other	100	Non-Fossil	0	0			yes
296	2005	0	other	other	100	Non-Fossil	0	0			yes
297	2005	0	other	other	100	Non-Fossil	0	0			yes
298	2005	0	other	other	100	Non-Fossil	0	0			yes
299	2005	0	other	other	100	Non-Fossil	0	0			yes
300	2005	0	other	other	100	Non-Fossil	0	0			yes
301	2005	0	other	other	100	Non-Fossil	0	0			yes
302	2005	0	other	other	100	Non-Fossil	0	0			yes
303	2005	0	other	other	100	Non-Fossil	0	0			yes
304	2005	0	other	other	100	Non-Fossil	0	0			yes
305	2005	0	other	other	100	Non-Fossil	0	0			yes