Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT" October 22, 1996
Utility File Layout - ASCII Format Year: 1995

Field No.	Field Name	Columns From	Columns To	No. of Columns	.	..	Special Instructions
1	Utility Code	0001	0005	005	N		
2	Utility Name	0006	0035	030	A		
3	Address Line 1	0036	0065	030	A		
4	Address Line 2	0066	0095	030	A		
5	Address Line 3	0096	0125	030	A		
6	Address Line 4	0126	0155	030	A		
7	Address Line 5	0156	0185	030	A		
8	City	0186	0205	020	A		
9	State	0206	0207	002	A		
10	Zip Code	0208	0212	005	N		
11	Expanded Zip Code	0213	0216	004	N		
12	Contact Name	0217	0236	020	A		
13	Contact Title	0237	0256	020	A		
14	Area Code	0257	0259	003	A		
15	Exchange	0260	0262	003	N		
16	Phone Number	0263	0266	004	N		
17	Extension	0267	0270	004	A		
18	Certify Name	0271	0290	020	A		
19	Certify Title	0291	0310	020	A		
20	Certify Date	0311	0316	006	N		
21	NERC - ASCC	0317	0317	001	A		Note 1
22	NERC - ECAR	0318	0318	001	A		Note 1
23	NERC - ERCOT	0319	0319	001	A		Note 1
24	NERC - MAIN	0320	0320	001	A		Note 1
25	NERC - MAAC	0321	0321	001	A		Note 1
26	NERC - MAPP	0322	0322	001	A		Note 1
27	NERC - NPCC	0323	0323	001	A		Note 1
28	NERC - SERC	0324	0324	001	A		Note 1
29	NERC - SPP	0325	0325	001	A		Note 1
30	NERC - WSCC	0326	0326	001	A		Note 1
31	NERC - HI	0327	0327	001	A		Note 1
32	NERC - PR/Terr	0328	0328	001	A		Note 1

. A - Alphanumeric .. LB - Left Justify, Blank Filled
N - Numeric LZ - Left Justify, Zero Filled
D - Duplicate RB - Right Justify, Blank Filled

S - Skip

RZ - Right Justify, Zero Filled

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Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Utility file Information

Field No.(s)	Explanation
3-11	Form EIA-860 respondent mailing address
12-17	Form EIA-860 contact person's name, title, telephone number
18-20	Form EIA-860 certifying official's name, title, and date of certification

Note 1: North American Electric Reliability Council (NERC) regions, NERC affiliate region, and/or areas in which the utility operates. An 'X' in this field indicates association.
The NERC regional councils are:
- ECAR - East Central Area Reliability Coordination Agreement
- ERCOT - Electric Reliability Council of Texas
- MAAC - Mid-Atlantic Area Council
- MAIN - Mid-American Interpool Network
- MAPP - Mid-Continent Area Power Pool
- NPCC - Northeast Power Coordinating Council
- SERC - Southeastern Electric Reliability Council
- SPP - Southwest Power Pool
- WSCC - Western Systems Coordinating Council

The NERC affiliate regional council is:
- ASCC - Alaska Systems Coordinating Council

The areas are:
- HI - Hawaii
- PR/Terr - Puerto Rico/U.S. Territories

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Plant File Layout - ASCII Format

Field No.	Field Name	Columns From	Columns To	No. of Columns	.	..	Special Instructions
1	Utility Code	0001	0005	005	N		
2	Plant Code	0006	0009	004	N		
3	Plant Name	0010	0029	020	A		
4	County Code	0030	0032	003	N		
5	County Name	0033	0052	020	A		
6	Plant State	0053	0054	002	A		
7	Plant Zip Code	0055	0063	009	N		
8	Water Source	0064	0097	034	A		
9	Cogen	0098	0098	001	A		
10	Mobile Plant	0099	0099	001	A		'Y' if Mobile
11	Notes Flag	0100	0100	001	A		
12	Notes	0101	0220	120	A		

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Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Plant File Information, Meaning of Codes

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Generator File Layout, Record Type 3 - ASCII Format

Field No.	Field Name	Columns From	Columns To	No. of Columns	.	..	Special Instructions
1	Generator Record Type	0001	0001	001	N		Note 1
2	Multi-Generator Unit	0002	0005	004	A		Note 2
3	Utility Code	0006	0010	005	N		
4	Plant Code	0011	0014	004	N		
5	Generator Code	0015	0018	004	A		
6	Prime Mover	0019	0020	002	A		
7	Nameplate Capacity	0021	0027	007	N		Note 3 In kW
8	Service Type	0028	0028	001	A		Note 3
9	Status Code	0029	0030	002	A		Note 3
10	In-service Month	0031	0032	002	N		Note 3
11	In-service Year	0033	0036	004	N		Note 3
12	Mode Transport 1	0037	0039	003	A		Note 3
13	Mode Transport 2	0040	0042	003	A		Note 3
14	Filler	0043	0045	003	A		Note 3
15	Energy Source 1	0046	0048	003	A		Note 3
16	Energy Source 2	0049	0051	003	A		Note 3
17	Filler	0052	0054	003	A		Note 3
18	Heat Rate	0055	0059	005	N		Note 3 Btu/kWh
19	Summer Capability	0060	0066	007	N		Note 3 In kW
20	Winter Capability	0067	0073	007	N		Note 3 In kW
21	Nameplate Capacity	0074	0080	007	N		Note 4 In kW
22	Status Code	0081	0082	002	A		Note 4
23	Retire/Cancel Month	0083	0084	002	N		Note 2
24	Retire/Cancel Year	0085	0088	004	N		Note 2
25	Original In-ser. Mn.	0089	0090	002	N		Note 3
26	Original In-ser. Yr.	0091	0094	004	N		Note 3
27	Current In-ser. Mn.	0095	0096	002	N		Note 3
28	Current In-ser. Yr.	0097	0100	004	N		Note 3
29	Mode Transport 1	0101	0103	003	A		Note 3
30	Mode Transport 2	0104	0106	003	A		Note 3
31	Energy Source 1	0107	0109	003	A		Note 3
32	Energy Source 2	0110	0112	003	A		Note 3
33	Filler	0113	0115	003	A		Note 3
34	Summer Capability	0116	0122	007	N		Note 4 In kW
35	Winter Capability	0123	0129	007	N		Note 4 In kW
37	Design Elect. Rating	0130	0136	007	N		Note 5 In kW
38	Start Operation Month	0137	0138	002	N		Note 3
39	Start Operation Year	0139	0142	004	N		Note 3
40	Est Summer Capability	0143	0149	007	N		Note 4 In kW
41	Est Winter Capability	0150	0156	007	N		Note 4 In kW

42	First Elect. Flag	0157	0157	001	A		Note 3
43	Summer Capability Flag	0158	0158	001	A		Note 3
44	Winter Capability Flag	0159	0159	001	A		Note 3
45	New Mover	0160	0161	002	A		
46	Notes Flag	0162	0162	001	A		
47	Notes	0163	0282	120	A		
48	EIA-759 Status	0283	0284	002	A		
49	EIA-759 Nameplate	0285	0291	007	N		

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Generator File Layout, Record Type 3 - ASCII Format

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kW	kilowatts
Btu	British Thermal Units
kWh	kilowatthours

Note 1: This field must contain a '3' for this layout to apply.
Note 2: This field applies to generators that operate as a unit. This identical four-character code is the identifier that links these generators. These generators have an aggregate capability and may have a single heat rate reported.
Note 3: This field applies to existing (operable) generators and retired or sold generators; status code (field 9) 'OP', 'OS', 'SB', or 'TS' apply; and, status code (22) 'SD', 'RE' apply.
Note 4: This field applies to generators that are proposed to start operation within 10 years; for generators that are cancelled, delayed beyond the 10-year period, indefinitely postponed; for generators that have been retired or sold to a nonutility; for existing generators that are either proposed for conversion to another energy source, or proposed for other modification within 10 years; for existing generators that are proposed for retirement; code (field 22) 'CN', 'CO', 'FC', 'IP', 'MO', 'PL', 'RT' or 'OT' apply.
Note 5: Nuclear Reactors Only

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Generator File Information, Record Type 3, Meaning of Codes

Field No.(s)	Field Name	Codes
6	Prime Mover	CA - Combined Cycle Steam Turbine with Supplementary Firing CT - Combined Cycle Combustion Turbine CS - Combined Cycle Single Shaft CW - Combined Cycle Steam Turbine Waste Heat Boiler Only FC - Fuel Cell (electrochemical) GE - Steam Turbine (geothermal) GT - Combustion (gas) Turbine HC - Hydraulic Turbine (conventional) HL - Hydraulic Turbine (pipeline) HR - Hydraulic Turbine Reversible (pumped storage) IC - Internal Combustion JE - Jet Engine NB - Steam Turbine (Boiling Water Nuclear Reactor) NG - Steam Turbine (Graphite Nuclear Reactor) NH - Steam Turbine (High-Temperature Gas-Cooled Nuclear Reactor NP - Steam Turbine (Pressurized Water Nuclear Reactor OC - Ocean Thermal Turbine SP - Photovoltaic SS - Steam Turbine (Solar) ST - Steam Turbine (Boiler) NA - Unknown at this time WT - Wind Turbine OT - Other (Explained in Notes)
8	Service Type	B - Baseload C - Cycling or intermediate P - Peaking Load
9	Status Code	OP - Operating (in commercial service or out of service less than 365 days) OS - Out of Service (365 days or longer) SB - Standby SD - Sold to nonutility TS - Testing, Generating Power to the Grid

10,11	In-service Month -Date of initial commercial operation In-service Year

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Generator File Information, Record Type 3, Meaning of Codes

12,13,14 15,16,17 32,33,34	Start-up Fuels Energy Sources	ANT - Anthracite BFG - Blast Furnace Gas BIT - Bituminous Coal COG - Coke Oven Gas COL - Coal (generic) COM - Coal-Oil Mixture CRU - Crude Oil CWM - Coal-Water Mixture FO1 - No. 1 Fuel Oil FO2 - No. 2 Fuel Oil FO4 - No. 4 Fuel Oil FO5 - No. 5 Fuel Oil FO6 - No. 6 Fuel Oil GAS - Gas (generic) GST - Geothermal Steam JF - Jet Fuel KER - Kerosene LIG - Lignite LNG - Liquified Natural Gas LPG - Liquified Propane Gas MF - Multifueled MTH - Methanol NG - Natural Gas PC - Petroleum Coke PET - Petroleum (generic) PL - Plutonium REF - Refuse, Bagasse and all other nonwood waste RG - Refinery Gas RRO - Re-Refined Motor Oil SNG - Synthetic Natural Gas STM - Steam SUB - Subbituminous Coal SUN - Solar TOP - Topped Crude Oil UR - Uranium WAT - Water WD - Wood and Wood Waste WH - Waste Heat WND - Wind OT - Other (explain under notes) NA - Not Available
22	Status Code	CN - Cancelled CO - New Unit Under Construction FC - Planned for Conversion to another fuel IP - Planned Generator Indefinitely

Postponed
LP - Low Power Testing
(Nuclear Only)
MO - Modification planned for an
existing generator
PL - Planned (proposed unit not
under construction)
RE - Retired
RT - Scheduled for Retirement
SD - Sold to nonutility
OT - Other (Explained in Notes)

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Generator File Information, Record Type 3, Meaning of Codes

23,24	Retire/Cancel Month Retire/Cancel Year	- Date generator was retired from service, or date generator was sold to nonutility; date existing generator proposed for retirement; date plans for construction of new generator were cancelled; date decision was made to postpone indefinitely the construction of new generator;
25,26	Original In-Ser Mn Original In-Ser Yr	- Original date proposed new generator expected to start generating or original date proposed change in existing generator expected to be completed.
27,28	Current In-Ser Mn Current In-Ser Yr	- Current date new generator expected to start generating electricity to the grid; for nuclear, current date that full power operating license expected to be issued for the reactor; current date proposed change in existing generator expected to be completed.
29,30,31	Cancl/Delay	AP - Prolonged procedures to obtain Federal, State or Local approvals DE - Delay of associated facilities DI - Natural Disaster EF - Equipment Failure EQ - Late delivery of equipment FI - Financial Problems LA - Labor Problems LE - Environmental, site or legal challenges LO - Revised load forecast RE - Changes in regulatory requirements ST - Manufacturing, construction or transportation strikes OT - Other (Describe in Notes)
35,36	Summer Capability	- Utility reported values for

	Winter Capability	proposed generators;
38,39	Start Operation Month Start Operation Year	- Date generator first became available to provide electricity to the grid; for nuclear, the date full power operating license was granted. Energy Information Administration's estimated date for issuance of full power operating license for proposed nuclear generators;

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Generator File Information, Record Type 3, Meaning of Codes

40,41	Est Summer Capability Est Winter Capability	- Energy Information Administration's estimated values for proposed generators.
42	First Elect. Flag	- If this field contains an 'E' then fields 38 and 39 are the Energy Information Administration's estimated values. If this field is blank, then fields 38 and 39 are utility reported values.
43	Summer Capability Flag	- If this field contains an 'E', then field 19 is the Energy Information Administration's estimated value. If this field is blank, then field 19 is a utility reported value.
44	Winter Capability Flag	- If this field contains an 'E', then field 20 is the Energy Information Administration's estimated value. If this field is blank, then field 20 is a utility reported value.

Form EIA-860, "ANNUAL ELECTRIC GENERATOR REPORT"
Generator File Layout, Record Type 4 ASCII Format

Field No.	Field Name	Columns From	Columns To	No. of Columns	.	..	Special Instructions
1	Generator Recd. Type	0001	0001	001	N		Note 1
2	Utility Code	0002	0006	005	N		
3	Plant Code	0007	0010	004	N		
4	Generator Code	0011	0014	004	A		
5	Ownership	0015	0164	150	N		Note 2
6	Notes Flag	0165	0165	001	A		
7	Notes	0166	0285	120	A		

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Note 1: This field must contain a '4' for this layout to apply.
Note 2: The ownership field contains a one dimensional array which occurs 10 times. The logical layout of the 150 columns follows. The format is Common Business Oriented Language (COBOL).

```
05 OWNERSHIP OCCURS 10 TIMES.
   10 OWNER-UTILITY PIC 9(10).
   10 OWNER-PERCENT PIC 999V99.
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The two numeric fields do not contain negative values but the OWNER-PERCENT field does have an implied decimal point.