

From: Dozier, Tami
Sent: Friday, May 21, 2021 5:11 PM
To: AdvancedReactors-GEISDocsPEm Resource
Subject: Form EIA-860 Detailed Data with Previous Form Data (EIA-860A/860B
Attachments: EIA-860A860B DOE-EIA 2020.pdf

ELECTRICITY

Form EIA-860 detailed data with previous form data (EIA-860A/860B)

Release date: September 15, 2020, Final 2019 data
Next release date: June 2021, Early release 2020 data

The survey Form EIA-860 collects generator-level specific information about existing and planned generators and associated environmental equipment at electric power plants with 1 megawatt or greater of combined nameplate capacity. Summary level data can be found in the [Electric Power Annual](#).

Starting with 2013 data, the EIA-860 began collecting construction cost data for new electric generators. Aggregated average construction cost information can be found on the [Construction cost data for electric generators](#) page.

Detailed data are compressed (zip) and contain the following files:

- **LayoutYyyy**– Provides a directory of all (published) data elements collected on the Form EIA-860 together with the related description, specific file location(s), and, where appropriate, an explanation of codes.
- **1__UtilityYyyy** - Contains utility-level data for the plants and generators surveyed in the reporting year.
- **2__PlantYyyy** - Contains plant-level data for the generators surveyed in all available years.
- **3_1_GeneratorYyyy** – Contains generator-level data for the surveyed generators, split into three tabs:
 - The *Operable* tab includes those generators which are currently operating, out of service or on standby;
 - The *Proposed* tab includes those generators which are planned and not yet in operation; and
 - The *Retired and Canceled* tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.
- **3_2_WindYyyy** – Contains additional details for surveyed generators that use wind as an energy source, split into two tabs:
 - The *Operable* tab includes those generators which are currently operating, out of service or on standby; and
 - The *Retired and Canceled* tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.
- **3_3_SolarYyyy** - Contains additional details for surveyed generators that use solar as an energy source, split into two tabs:
 - The *Operable* tab includes those generators which are currently operating, out of service or on standby;
 - The *Retired and Canceled* tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.
- **3_4_Energy_StorageYyyy** – Contains additional details of surveyed generators for the energy storage technology, split into two tabs:
 - The *Operable* tab includes those generators which are currently operating, out of service or on standby;
 - The *Retired and Canceled* tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.
- **3_5_MultiFuelYyyy** – Contains data on fuel-switching and the use of multiple fuels by surveyed generators, split into three tabs:
 - The *Operable* tab includes those generators which are currently operating, out of service or on standby; and
 - The *Proposed* tab includes those generators which are planned and not yet in operation; and
 - The *Retired and Canceled* tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.

Year	Format
2019	ZIP
2018	ZIP
2017	ZIP
2016	ZIP
2015	ZIP
2014	ZIP
2013	ZIP
2012	ZIP
2011	ZIP
2010	ZIP
2009	ZIP
2008	ZIP
2007	ZIP
2006	ZIP
2005	ZIP
2004	ZIP
2003	ZIP
2002	ZIP
2001	ZIP

Superseded forms (for data prior to 2001)
EIA-860 A (utility) and B (nonutility)

Year	Utility	Non-utility
2000*	ZIP	ZIP
1999*	ZIP	ZIP
1998*	ZIP	ZIP
1997	ZIP	
1996	ZIP	
1995	ZIP	
1994	ZIP	
1993	ZIP	

- **4_OwnerYyyyy** – Contains owner and/or operator data for generators with shared ownership and generators that are wholly-owned by an entity other than the operator (generators not appearing in the file are wholly-owned by their operator).
- **6_1_EnviroAssocYyyyy** – Contains boiler association data for the environmental equipment data collected on the Form EIA-860.
 - The *Boiler Generator* identifies which boilers are associated with each generator;
 - The *Boiler Cooling* tab shows which cooling systems are associated with each boiler;
 - The *Boiler Particulate Matter* tab shows which flue gas particulate (FGP) collectors are associated with each boiler;
 - The *Boiler SO2* tab shows which flue gas desulfurization (FGD) systems are associated with each boiler
 - The *Boiler NOx* tab shows which nitrogen oxide control equipment is associated with each boiler;
 - The *Boiler Mercury* tab shows which mercury control equipment is associated with each boiler
 - The *Boiler Stack Flue* tab shows which stacks and flues are associated with each boiler; and
 - The *Emissions Control Equipment* tab shows the operational status, in-service date, and installation costs of all the environmental equipment.
- **6_2_EnviroEquipYyyyy** – Contains environmental equipment data for the surveyed generators.
 - The *Emission Standards & Strategies* tab shows boiler data as collected on Schedule 6, Part B of the Form EIA-860;
 - The *Boiler Info & Design Parameters* tab shows boiler data as collected on Schedule 6, Part C;
 - The *Cooling* tab shows cooling system data as collected on Schedule 6, Part D;
 - The *FGP* tab shows FGP data as collected on Schedule 6, Part E;
 - The *FGD* tab shows FGD data as collected on Schedule 6, Part F; and
 - The *StackFlue* tab shows stack and flue data as collected on Schedule 6, Part G.

1992	ZIP
1991	ZIP
1990	ZIP
* Revised February 9, 2007	

Superseded Form EIA-860A (Utility) & B (Non-Utility) -- Retired Annual Electric Generator Report

Electric utility generator level data includes information for company, facility, unit type, prime mover, in-service date, energy source, heat content, nameplate capacity, summer and winter capability, etc.

860-A (Utility)

Data are compressed into a zip file that expands into xls data files and a txt layout file:

- **PLANTYyy** - plant-level data
- **UTILYyy** - utility-level data
- **TYPE3Yyy & TYPE4Yyy** - 2 generator files for 1990-1997
or **GeneratorOwnershipyyyy, ProposedGeneratorsyyyy, ExistingGeneratorsyyyy** - 3 generator files for 1998-2000
- **LAYOUT** - ASCII layout file

860-B (Non-Utility)

Data are compressed into a zip file that expands into xls data files and a txt layout file:

- **qfdocket** - qualifying data
- **xdocket** - plant-level data
- **cogen** - cogeneration data
- **nuppfac** - non-utility power producer data
- **fuelquant** - fuel quantities
- **genergy** - 2 generator files
- **generator**
- **noxequip** - nox removal data
- **LAYOUT** - ASCII layout file

Contact: [Electricity data experts](#)




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