ANNUAL BALANCING AUTHORITY GENERATOR INVENTORY REPORT
INSTRUCTIONS
EIA-930A

PURPOSE

The purpose of this data collection is to identify the inventory of generators belonging to each respondent of form EIA-930 HOURLY AND DAILY BALANCING AUTHORITY OPERATIONS REPORT. This collection provides a geographic overview of each balancing authority’s sources of generation and ensures that multiple respondents to Form EIA-930 are not reporting generation for the same generators.

QUESTIONS

If you have questions about this U.S. Energy Information Administration (EIA) data collection, please contact the EIA Customer Care Center at 1-855-EIA-4USA (1-855-342-4872) or by email to eia4usa@eia.gov.

REQUIRED RESPONDENTS

All entities in the contiguous United States that are listed in the North American Electric Reliability Corporation’s (NERC’s) Compliance Registry as a balancing authority must submit information as required by this data collection.

Registered balancing authorities that are parties to the coordinated functional registration agreement JRO00001 are required to jointly submit for the Midcontinent Independent System Operator (MISO).

RESPONSE DUE DATE AND TIME

Submit the completed Form EIA-930A directly to EIA annually between the first business day of January and the last business day of February. For existing generators the filing should reflect the status of those generators as of December 31 of the reporting year. For planned generators the filing should reflect the most up to date information available to the respondent at the time the filing is made. Note: if EIA is late in opening its Internet Data Collection system the filing deadline will be extended day by day (respondents will be notified by email).

SCHEDULE 1. IDENTIFICATION

**BA Code:** This is the balancing authority’s two to four character ID code used to uniquely identify balancing authorities in the industry’s e-tag interchange scheduling system.

**NERC Compliance Registry (NCR) ID:** This is the balancing authority’s ID from the North American Electric Reliability Corporation’s (NERC’s) Compliance Registry.

**Survey Contact:** Enter the person primarily responsible for completing the form.

**Survey Contact’s Supervisor:** Enter the supervisor of the primary contact as an alternative person in the event the primary contact becomes unavailable. The Survey Contact and Supervisor cannot be the same person.

SCHEDULE 2. EXISTING GENERATOR INVENTORY

Provide the details about all electric generators physically embedded within the tie line boundary of your balancing authority, which were owned, operated, or dispatched by your balancing authority as of December 31 of the reporting year.

(Column 1) **BA Plant Name:** Enter the name of the power plant where each generating unit is located. When providing the name, use its full name (i.e. do not shorten Alpha Generating Station to Alpha) and include as much detail as possible (e.g. Beta Paper Mill, Gamma Landfill Gas Plant, Delta Dam). The plant name may include additional details like owner name and business structure but “Corporation” should be shorted to “Corp” and “Incorporated” should be shorted to “Inc.”

(Column 2) **BA Plant ID:** The EIA Plant ID is generated and assigned by EIA when a power plant first submits its Form EIA-860. A complete inventory of all U.S. power plants is published here each month: [https://www.eia.gov/electricity/data/eia860m/](https://www.eia.gov/electricity/data/eia860m/). If the inventory does not include the power plant of one of the generators to be included in this schedule contact EIA at eia4usa@eia.gov.

(Column 3) **BA Generator ID:** Enter the generator ID code used by EIA to catalog the generators at each power plant in the U.S. A complete inventory of all utility scale generators in the U.S. is published here each month: [https://www.eia.gov/electricity/data/eia860m/](https://www.eia.gov/electricity/data/eia860m/). If the inventory does not include one of the generators to be included in this schedule contact EIA at eia4usa@eia.gov.

(Column 4) **Is this generator fully in the Tie Line Boundary of your BA?** Answer yes or no. If this generator is split between multiple Balancing Authorities answer no, and include it in Schedule 4 (EXTERNAL GENERATORS).

If the Plant Name, EIA Plant Code, and EIA Generator ID have been provided (Columns 1, 2, and 3) then columns 5 through 12 may be omitted. However, if the EIA Plant Code, and EIA Generator ID are not available please provide the following information about each generator:

(Column 5) **Generator Technology:** Select one of the following technologies that describe how electricity is generated by this generator:

- Batteries
- Coal Integrated Gasification Combined Cycle
- Conventional Hydroelectric
- Conventional Steam Coal
- Flywheels
- Geothermal
- Hydroelectric Pumped Storage
- Landfill Gas
- Municipal Solid Waste
- Natural Gas Fired Combined Cycle
- Natural Gas Fired Combustion Turbine
- Natural Gas Internal Combustion Engine
- Natural Gas Steam Turbine
- Natural Gas with Compressed Air Storage
- Nuclear
- Offshore Wind Turbine
- Onshore Wind Turbine
- Other Gases
- Other Natural Gas
- Other Waste Biomass
- Petroleum Coke
- Petroleum Liquids
- Solar Photovoltaic
- Solar Thermal with Energy Storage
- Solar Thermal without Energy Storage
- Wood/Wood Waste Biomass
- All Other

**Column 6** Nameplate Capacity: Report the nameplate capacity of the generator. If unknown provide an estimate.

**Column 7** State: Specify the U.S. state that this generator is physically located in.

**Column 8** County: Specify the state county that this generator is physically located in.

**Columns 9 and 10** Latitude and Longitude: If known specify the latitude and longitude in decimal format where this generator is physically located. The coordinate should relate to a central point of the generator. Do not enter the coordinates of the power plant’s operator, holding company or other corporate entity.

**Columns 11 and 12** Operation Year and Month: If known specify the year and month when the electric generator began operation.

**Schedule 3. Planned Generator Inventory**

Provide the details about any planned electric generators expected to be located physically within the tie line boundary of your balancing authority in the coming year, or any planned electric generators which your balancing authority expects to own, operate, or dispatch in the coming year.

**Column 1** EIA Plant Name: Enter the name of the power plant where each generating unit will be located. When providing the name, use its full actual or expected name (i.e., do not shorten to “Alpha Generating Station” to “Alpha”) and include as much detail as possible (e.g., Beta Paper Mill, Gamma Landfill Gas Plant, Delta Dam). The plant name may include additional details like owner name and business structure but “Corporation” should be shortened to “Corp” and “incorporated” should be shortened to “Inc.” Enter “NA 1,” “NA 2,” etc., for unnamed planned facilities.

**Column 2** EIA Plant ID: The EIA Plant ID is generated and assigned by EIA when a power plant first submits its Form EIA-860. A complete inventory of all U.S. power plants is published here each month: [https://www.eia.gov/electricity/data/eia860.html](https://www.eia.gov/electricity/data/eia860.html). If the inventory does not include the power plant of one of the generators to be included in this schedule contact EIA at eia4usa@eia.gov.

**Column 3** EIA Generator ID: Enter the generator ID code used by EIA to catalog the existing and planned generators at each power plant in the U.S. A complete inventory of all planned utility scale generators in the U.S. is published here each month: [https://www.eia.gov/electricity/data/eia860.html](https://www.eia.gov/electricity/data/eia860.html). If the inventory does not include one of the planned generators to be included in the schedule contact EIA at eia4usa@eia.gov.

**Column 4** Will this generator be fully in the Tie Line Boundary of your BA? Answer yes, no, or unknown. If this generator is expected to be split between multiple Balancing Authorities answer no. If the answer to column 4 is unknown or no, please provide an explanation in column 4b (Notes)

**Column 4b** Notes: If the answer to column 4 is unknown or no, please provide an explanation of what other Balancing Authorities might connect directly to this generating unit.

*If the Plant Name, EIA Plant Code, and EIA Generator ID have been provided (Columns 1, 2, and 3) then columns 5 through 12 may be omitted. However if the EIA Plant Code, and EIA Generator ID are not available please provide the following information about each planned generator:*

**Column 5** Generator Technology: Select one of the following technologies that describe how electricity is expected to be generated by this planned generator:

- Batteries
- Coal Integrated Gasification Combined Cycle
- Conventional Hydroelectric
- Conventional Steam Coal
- Flywheels
- Geothermal
- Hydroelectric Pumped Storage
- Landfill Gas
- Municipal Solid Waste
- Natural Gas Fired Combined Cycle
- Natural Gas Fired Combustion Turbine
- Natural Gas Internal Combustion Engine
- Natural Gas Steam Turbine
- Natural Gas with Compressed Air Storage
- Nuclear
- Offshore Wind Turbine
- Onshore Wind Turbine
- Other Gases
- Other Natural Gas
- Other Waste Biomass
- Petroleum Coke
- Petroleum Liquids
- Solar Photovoltaic
- Solar Thermal with Energy Storage
- Solar Thermal without Energy Storage
- Wood/Wood Waste Biomass
- All Other
(Column 6) **Nameplate Capacity**: Report the expected nameplate capacity of the planned generator. If unknown provide an estimate.

(Column 7) **State**: Specify the U.S. state that this planned generator will be physically located in.

(Column 8) **County**: Specify the state county that this planned generator will be physically located in.

(Columns 9 and 10) **Latitude and Longitude**: If known specify the latitude and longitude in decimal format where this planned generator will be physically located. The coordinate should relate to a central point of the generator. Do not enter the coordinates of the power plant’s operator, holding company or other corporate entity.

(Columns 11 and 12) **Planned Operation Year and Month**: Specify the year and month when the planned electric generator is scheduled to start operation. Provide an estimate if the timing is unknown.

**SCHEDULE 4. EXTERNAL GENERATORS**

Provide the details about all electric generators physically located outside the tie line boundary of your balancing authority, but which your balancing authority owned, operated, dispatched or had a generation sharing agreement with as of December 31 of the reporting year.

(Column 1) **EIA Plant Name**: Enter the name of the power plant where each generating unit is located. When providing the name, use its full name (i.e., do not shorten Alpha Generating Station to Alpha) and include as much detail as possible (e.g., Beta Paper Mill, Gamma Landfill Gas Plant, Delta Dam). The plant name may include additional details like owner name and business structure but “Corporation” should be shortened to “Corp” and “Incorporated” should be shortened to “Inc.”

(Column 2) **EIA Plant ID**: The EIA Plant ID is generated and assigned by EIA when a power plant first submits its Form BA-860. A complete inventory of all U.S. power plants is published here each month: [https://www.eia.gov/electricity/data/eia860m/](https://www.eia.gov/electricity/data/eia860m/). If the inventory does not include the power plant of one of the generators to be included in this schedule contact EIA at eia4usa@eia.gov.

(Column 3) **EIA Generator ID**: Enter the generator ID code used by EIA to catalog the generators at each power plant in the U.S. A complete inventory of all utility scale generators in the U.S. is published here each month: [https://www.eia.gov/electricity/data/eia860m/](https://www.eia.gov/electricity/data/eia860m/). If the inventory does not include one of the generators to be included in this schedule contact EIA at eia4usa@eia.gov.

(Column 4) **In which BA does this generator physically reside?** Select the name and BA code of the balancing authority where this generator physically resides.

(Column 5) **Will this unit’s generation be included in your Form BA-930 reported generation?** Assuming this generator produces electricity, is there an expectation that any of the generation will be included in your Form BA-930 reported generation? Specify if the generation from this unit will be included fully, partially included, or excluded fully from EIA-930.

(Column 6) If this unit’s generation will only be partially included in your Form BA-930 reported generation, then explain why. If you responded “partially included” in column 5, then provide a brief explanation of any arrangements that have been made with other balancing authorities involving the allocation of generation from this generating unit. Include the names of all balancing authorities involved.

(Column 7) **Included in your BA's generation by means of a pseudo-tie?** Assuming this generator produces electricity will some of its generation be included in your Form BA-930 generation because of a pseudo-tie? Answer yes or no.

(Column 8) **Included in your BA's generation as part of a dynamic scheduling agreement?** Assuming this generator produces electricity will some of its generation be included in your Form BA-930 generation because of a dynamic scheduling agreement? Answer yes or no.

If the Plant Name, EIA Plant Code, and EIA Generator ID have been provided (Columns 1, 2, and 3) then columns 9 through 16 may be omitted. However if the EIA Plant Code, and EIA Generator ID are not available please provide the following information about each generator:

(Column 9) **Generator Technology**: Select one of the following technologies that describe how electricity is generated by this generator:
- Batteries
- Coal Integrated Gasification Combined Cycle
- Conventional Hydroelectric
- Conventional Steam Coal
- Flywheels
- Geothermal
- Hydroelectric Pumped Storage
- Landfill Gas
- Municipal Solid Waste
- Natural Gas Fired Combined Cycle
- Natural Gas Fired Combustion Turbine
- Natural Gas Internal Combustion Engine
- Natural Gas Steam Turbine
- Natural Gas with Compressed Air Storage
- Nuclear
- Offshore Wind Turbine
- Onshore Wind Turbine
- Other Gases
- Other Natural Gas
- Other Waste Biomass
- Petroleum Coke
- Petroleum Liquids
- Solar Photovoltaic
- Solar Thermal with Energy Storage
- Solar Thermal without Energy Storage
- Wood/Wood Waste Biomass
- All Other

(Column 10) **Nameplate Capacity**: Report the nameplate capacity of the generator. If unknown provide an estimate.

(Column 11) **State**: Specify the U.S. state that this generator is physically located in.

(Column 12) **County**: Specify the state county that this generator is physically located in.

(Columns 13 and 14) **Latitude and Longitude**: If known specify the latitude and longitude in decimal format where this generator will be physically located in.
specify the latitude and longitude in decimal format where this
generator is physically located. The coordinate should relate to a
central point of the generator. Do not enter the coordinates of
the power plant's operator, holding company or other corporate
entity.

(Column 15 and 16) Operation Year and Month: If known
specify the year and month when the electric generator began
operation.

SCHEDULE 5. GENERATORS OPERATED OR
DISPATCHED BY ANOTHER BALANCING
AUTHORITY

Provide the details about all electric generators physically
located inside the tie line boundary of your balancing authority,
but which another balancing authority owned, operated,
dispatched or had a generation sharing agreement with as of
December 31 of the reporting year.

(Column 1) EIA Plant Name: Enter the name of the power plant
where each generating unit is located. When providing the
name, use its full name (i.e. do not shorten Alpha Generating
Station to Alpha) and include as much detail as possible (e.g.
Beta Paper Mill, Gamma Landfill Gas Plant, Delta Dam). The
plant name may include additional details like owner name and
business structure but “Corporation” should be shortened to “Corp”
and “Incorporated” should be shortened to “Inc.”

(Column 2) EIA Plant ID: The EIA Plant ID is generated and
assigned by EIA when a power plant first submits its Form EIA-
860. A complete inventory of all U.S. power plants is published
here each month: https://www.eia.gov/electricity/data/eia860m.
If the inventory does not include the power plant of one of the
generators that are to be included in this schedule contact EIA at
eia4usa@eia.gov.

(Column 3) EIA Generator ID: Enter the generator
ID code used by EIA to catalog the generators at each power
plant in the U.S. A complete inventory of all utility scale
generators in the U.S. is published here each month:
https://www.eia.gov/electricity/data/eia860m.
If the inventory does not include one of the generators to be
included in this schedule contact EIA at eia4usa@eia.gov.

(Column 4) Identify the BA that primarily operates or
dispatches this generator. Select the name and BD code of
the balancing authority which primarily operates or dispatches
this generator.

(Column 5) Is this unit's generation included in your Form
EIA-930 reported generation? Assuming this generator
produces electricity is there an expectation that the generation
will be included in your Form EIA-930 reported generation?
Specify if the generation from this unit will be included fully,
partially included, or excluded fully from EIA-930.

(Column 6) If this generation is not included fully in your
Form EIA-930 reported generation, then explain why it is
not. If you did not respond “included fully” in column 5, then
provide a brief explanation of any arrangements that have been
made with other balancing authorities involving the allocation of
generation from this generating unit. Include the names of all
balancing authorities involved.

(Column 7) Excluded from your BA’s generation because of
a pseudo-tie? Assuming this generator produces electricity will
some of its generation be excluded in your Form EIA-930
generation because of a pseudo-tie agreement? Answer yes or
no.

(Column 8) Excluded from your BA’s generation because of
a dynamic scheduling agreement? Assuming this generator
produces electricity will some of its generation be excluded in
your Form EIA-930 generation because of a dynamic scheduling
agreement? Answer yes or no.

If the Plant Name, EIA Plant Code, and EIA Generator ID have
been provided (Columns 1, 2, and 3) then columns 9 through 16
may be omitted. However if the EIA Plant Code, and EIA
Generator ID are not available please provide the following
information about each generator:

(Column 9) Generator Technology: Select one of the following
technologies that describe how electricity is generated by this
generator:

- Batteries
- Coal Integrated Gasification Combined Cycle
- Conventional Hydroelectric
- Conventional Steam Coal
- Flywheels
- Geothermal
- Hydroelectric Pumped Storage
- Landfill Gas
- Municipal Solid Waste
- Natural Gas Fired Combined Cycle
- Natural Gas Fired Combustion Turbine
- Natural Gas Internal Combustion Engine
- Natural Gas Steam Turbine
- Natural Gas with Compressed Air Storage
- Nuclear
- Offshore Wind Turbine
- Onshore Wind Turbine
- Other Gases
- Other Natural Gas
- Other Waste Biomass
- Petroleum Coke
- Petroleum Liquids
- Solar Photovoltaic
- Solar Thermal with Energy Storage
- Solar Thermal without Energy Storage
- Wood/Wood Waste Biomass
- All Other

(Column 10) Nameplate Capacity: Report the nameplate
capacity of the generator. If unknown provide an estimate.

(Column 11) State: Specify the U.S. state that this generator is
physically located in.

(Column 12) County: Specify the state county that this
generator is physically located in.

(Column 13 and 14) Latitude and Longitude: If known
specify the latitude and longitude in decimal format where this
generator is physically located. The coordinate should relate to a
central point of the generator. Do not enter the coordinates of
the power plant’s operator, holding company or other corporate
entity.

(Column 15 and 16) Operation Year and Month: If known
specify the year and month when the electric generator began
SANCTIONS

The timely submission of Form EIA-930 by those required to report is mandatory under Section 13(b) of the Federal Energy Administration Act of 1974 (FEAA) (Public Law 93-275), as amended. Failure to respond may result in a penalty of not more than $10,633 each day for each violation. The government may bring a civil action to prohibit reporting violations, which may result in a temporary restraining order or a preliminary or permanent injunction without bond. In such civil action, the court may also issue mandatory injunctions commanding any person to comply with these reporting requirements.

Title 18 U.S.C. 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.

DISCLOSURE OF INFORMATION

All information reported on Form EIA-930 is public information and may be publicly released in company identifiable form.

REPORTING BURDEN

Public reporting burden for this collection of information is estimated as an annual average to be 85 hours per respondent, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the U.S. Energy Information Administration, Office of Survey Development and Statistical Integration, EI-21 Forrestal Building, 1000 Independence Avenue S.W., Washington, D.C. 20585-0670; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. A person is not required to respond to the collection of information unless the form displays a valid OMB number.