Independent Statistics and Analysis
U.S. Energy Information Administration

U.S. Department of Energy
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Washington, DC 20585

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EIA-930A
ANNUAL BALANCING AUTHORITY GENERATOR INVENTORY REPORT INSTRUCTIONS

YOUR RESPONSE IS REQUIRED BY LAW

This report is mandatory under Title 15 U.S.C. §772(b). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by Title 15 U.S.C. §797. 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.

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).

PURPOSE

The purpose of this data collection is to identify the inventory of electric generators belonging to each respondent of Form EIA-930 HOURLY AND DAILY BALANCING AUTHORITY OPERATIONS REPORT. This collection provides an 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 electric generators. It will also provide insight into which subset of generators reported on Form EIA-860 have their generation reflected in Form EIA-930 and which subset do not. A summary of the data appears on EIA's website at www.eia.gov.

RESPONSE DUE DATE

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 electric generators, the filing should reflect the status of those electric generators as of December 31 of the reporting year. For planned electric 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 Data Collection system the filing deadline will be extended day for day (respondents will be notified by email).

HOW TO FILE A RESPONSE

To facilitate the processing of data, the use of EIA forms is required. The form can be downloaded in XLS format on the EIA website, which can be accessed from http://www.eia.gov/survey/#eia-930A

Respondents must use the EIA's Secure File Transfer system to submit their data. With this Internet-based option, EIA uses security protocols to protect the information against unauthorized access during transmission. EIA does not accept email, fax, or paper forms.

Data Submission Method* (see below for step-by-step instructions)
By Secure File Transfer: https://signon.eia.doe.gov/upload/noticeoog.jsp

Please note this is different than the hourly EIA-930 Secure File Transfer (SFT) site.

QUESTIONS

Please contact the EIA Survey Support Team using the following communication methods:

By email: eia4usa@eia.gov
By phone: 1-855-EIA-4USA (1-855-342-4872) [Monday through Friday, 8:00 a.m. to 6:00 p.m. eastern time]

HOW TO USE EIA'S SECURE FILE TRANSFER

EIA is ensuring the security of your transactions by using the latest Internet security technology. The technology being used to protect your data is encryption which is the scrambling of data into a code that is unreadable to anyone who does not have the key that deciphers it. The secure hypertext transfer protocol (HTTPS) is a communications protocol designed to transfer this encrypted information between computers over the internet. All information is protected by 128-bit encryption to maintain the privacy and confidentiality of your data. The only thing you need to take advantage of strong encryption technology is a secure browser, one that supports 128-bit encryption.

1. Go to the EIA Secure File Transfer system located at https://signon.eia.doe.gov/upload/noticeoog.jsp
2. Read the Agreement and then click the **Accept** button.
3. Enter your name, company name, phone number and email address into the boxes provided. Note that the email address is required so that we can send you a confirmation of the receipt of your data.
4. Click on the **Choose Files** button to navigate to your saved Excel file submission. Select the file to upload and click on the **Open** button.
5. If you are ready to submit your file, click on the green **Submit File(s)** button. Please be patient, it may take a few minutes to upload your file. Do not close your browser during this upload. A confirmation page will be displayed with a Submission Successful banner and indicate the names of the files you have transferred, a confirmation number and the date and time of the transfer.

SANCTIONS

The timely submission of Form EIA-930A by those required to report is mandatory under 15 USC 772(b), as amended. Failure to respond may result in a civil penalty of not more than $12,937 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.

REPORTING BURDEN

Public reporting burden for this collection of information is estimated as an annual average to be 36 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 Statistical Methods and Research, EI-21 Forrestal Building, 1000 Independence Avenue S.W., Washington, D.C. 20585; 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.

DISCLOSURE OF INFORMATION

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

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 ELECTRIC GENERATOR INVENTORY

Provide the details about all electric generators reflected in your reporting of Form EIA-930 net generation 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 electric 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 electric generators at each power plant in the U.S. A complete inventory of all utility scale electric 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 electric generators to be included in this schedule contact EIA at eia4usa@eia.gov.

If the Plant Name, EIA Plant Code, and EIA Generator ID have been provided (Columns 1, 2, and 3) then columns 4 through 11 may be omitted. However, if the EIA Plant Code, and EIA Generator ID are not available please provide the following information about each electric generator:

(Column 4) Electric Generator Technology: Select one of the following technologies that describe how electricity is generated by this electric 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
- Unknown

(Column 5) Nameplate Capacity: Report the nameplate capacity of the electric generator. If unknown provide an estimate.

(Column 6) State: Specify the U.S. state that this electric generator is physically located in.

(Column 7) County: Specify the state county that this electric generator is physically located in.

(Columns 8 and 9) Latitude and Longitude: If known, specify the latitude and longitude in decimal format where this electric generator is physically located. The coordinate should relate to a central point of the electric generator. Do not enter the coordinates of the power plant's operator, holding company or other corporate entity.

(Columns 10 and 11) Operation Year and Month: If known, specify the year and month when the electric generator began operation.

SCHEDULE 3. PLANNED ELECTRIC GENERATOR INVENTORY

Provide the details about any planned electric generators that you expect may be included in your Form EIA-930 net generation reporting during the current calendar year. You do not have to include planned electric generators that you are not aware of.

(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 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 pow er 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 electric 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 electric generators at each power plant in the U.S. A complete inventory of all planned utility scale electric 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 planned electric generators to be included in the schedule contact EIA at eia4usa@eia.gov.

If the Plant Name, EIA Plant Code, and EIA Generator ID have been provided (Columns 1, 2, and 3) then columns 4 through 11 may be omitted. However, if the EIA Plant Code, and EIA Generator ID are not available please provide the following information about each planned electric generator:

(Column 4) Electric Generator Technology: Select one of the following technologies that describe how electricity is expected to be generated by this planned electric 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
- Unknown

(Column 5) Nameplate Capacity: Report the expected nameplate capacity of the planned electric generator. If unknown, provide an estimate.

(Column 6) State: Specify the U.S. state that this planned electric generator will be physically located in.

(Column 7) County: Specify the state county that this planned electric generator will be physically located in.

(Columns 8 and 9) Latitude and Longitude: If known, specify the latitude and longitude in decimal format where this planned electric generator will be physically located. The coordinate should relate to a central point of the electric generator. Do not enter the coordinates of the power plant's operator, holding company or other corporate entity.

(Columns 10 and 11) 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. PSEUDO-TIED AND DYNAMICALLY SCHEDULED ELECTRIC GENERATORS

Provide the details about all electric generators with which you had a pseudo-tie arrangement or a dynamic scheduling arrangement as of December 31 of the reporting year (include all generators regardless of whether they are included in Schedule 2 or not.)

(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 electric 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 electric generators at each power plant in the U.S. A complete inventory of all utility scale electric 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 electric generators to be included in this schedule contact EIA at eia4usa@eia.gov.

(Column 4) Is this generator reported in Schedule 2?
Specify if this generator was included in Schedule 2.

(Column 5) With which BA(s) did you have the pseudo-tie or dynamic relationship?
Identify the BA(s) with which you had a pseudo-tie or dynamic relationship involving this electric generator.

If the Plant Name, EIA Plant Code, and EIA Generator ID have been provided (Columns 1, 2, and 3) then columns 6 through 13 may be omitted. However, if the EIA Plant Code and EIA Generator ID are not available, please provide the following information about each electric generator:

(Column 6) Electric Generator Technology: Select one of the following technologies that describe how electricity is generated by this electric 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
- Unknown

(Column 7) Nameplate Capacity: Report the nameplate capacity of the electric generator. If unknown, provide an estimate.

(Column 8) State: Specify the U.S. state that this electric generator is physically located in.

(Column 9) County: Specify the state county that this electric generator is physically located in.

(Columns 10 and 11) Latitude and Longitude: If known, specify the latitude and longitude in decimal format where this electric generator is physically located. The coordinate should relate to a central point of the electric generator. Do not enter the coordinates of the power plant's operator, holding company or other corporate entity.

(Columns 12 and 13) Operation Year and Month: If known, specify the year and month when the electric generator began operation.

SCHEDULE 5. TARGET SPINNING RESERVE

Respond to all questions in Schedule 5 based on how your organization customarily uses the term "spinning reserve."

For **Question 1, "Does your Balancing Authority (BA) or your Reserve Sharing Group (RSG) have a target spinning reserve?"**, respond "Yes" or "No".

If you answered "Yes" to Schedule 5, Question 1, then answer questions 2 through 5. If you answered "No" to Schedule 5, Question 1, you may skip questions 2 through 5.

For **Question 2. "What is the spinning reserve target?"**, provide your answer in megawatts (MW). If your BA is part of a reserve sharing group (RSG), then provide your BA's portion of your RSG's Spinning Reserve Target. If your target is not a megawatt target, you can disregard the MW label and specify the target using a brief description in the answer cell for question 2.

For **Question 3. "Over the past calendar year, how many hours did your system operate with spinning reserves below your target level?"**, specify the number of hours (HH:00-HH:59) that experienced a moment when your system operated with spinning below your target level. You may disregard transient drops in spinning reserves resulting from contingency response. If your BA is part of a Reserve Sharing Group (RSG), this question only applies to the portion of the spinning reserve target allocated to your BA and the portion of spinning reserves managed by your BA. If your BA can calculate this metric using multiple methods, your response may describe the method chosen in the answer cell for question 3.

For **Question 4. "What was the minimum spinning reserve actually held during the past calendar year?"**, provide your answer in megawatts (MW). You may disregard transient drops in spinning reserves resulting from contingency response. If your BA is part of a reserve sharing group (RSG), this question only applies to the portion of the spinning reserves managed by your BA. If your BA can calculate this metric using multiple methods, your response may describe the method chosen in the answer cell for question 4.

For **Question 5. "How many times were spinning reserves deployed during the past calendar year?"**, if your BA is part of a reserve sharing group (RSG), this question only applies to the portion of the spinning reserves managed by your BA. Deployments for non-contingency purposes, whether automatic or manual, may be omitted.