

FORM EIA-860S (SUPPLEMENT)

VOLUNTARY STATE LEVEL GENERATOR AIR PERMIT INVENTORY INSTRUCTIONS

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.

PURPOSE

Collects data on all power generators from air permitting offices of all 50 states, the District of Columbia, and the five major U.S. territories.

RESPONDENTS

U.S. state and territory offices that issue air operating permits.

RESPONSE DUE DATE

Submit data within 60 days of receiving the data request.

HOW TO FILE A RESPONSE

Submit your data electronically using EIA's secure e-filing system. This system uses security protocols to protect information against unauthorized access during transmission. If you have not registered with e-file Single Sign-On (SSO) system, send an email requesting assistance to EIA's Survey Support Team at eia4usa@eia.gov. If you have registered with SSO, log on at https://signon.eia.doe.gov/upload/files?office_code=8601. If you need an alternative means of filing your response, contact the EIA Survey Support Team. Please retain a completed copy of this form for your files.

CONTACTS

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]

REPORTING BURDEN

Public reporting burden for this collection of information is estimated to average 10 hours per response, 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 Electricity, EI-52, Forrestal Building, 1000 Independence Avenue SW, Washington, DC 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 will be treated as non-sensitive and may be publicly released in identifiable form. The Federal Energy Administration Act requires EIA to provide company-specific data to other federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another component of the U.S. Department of Energy, to any Committee of Congress, the Government Accountability Office, or other federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.



GENERAL INSTRUCTIONS

Please report all power generators associated with active Air Operating Permits (AOPs) approved since your last report to EIA. For each permit, enter the permit number, company name and contact information, facility name and address, generator nameplate capacity in Megawatts (MW), and any other available characteristics.

Report on one power generator per row. If more than one generator exists at a facility location, report each generator on a separate row.

If aggregate capacity can only be reported at a facility location, report the predominant prime mover and predominant energy source and note the aggregation in the comments section.

INSTRUCTIONS FOR SPECIFIC COLUMNS

1. **Enter the Permit Number:** If a company has multiple generators under a single air permit, each individual generator should be listed separately, even if covered by a single overarching permit. The permit number would be repeated for each generator entry associated with that permit.
2. **Enter the Company Name:** Provide the name of the company that the air permit was issued to.
3. **Enter the Primary Contact's Name:** Enter name of the primary contact at the company that air permit was issued to.
4. **Enter the Primary Contact's Phone:** Enter the phone number of the primary contact at the company to which the air permit was issued.
5. **Enter the Primary Contact's Email:** Enter the email address of the primary contact at the company to which the air permit was issued.
6. **Enter the Facility Name:** Enter the name of the facility that the air permit was issued for.
7. **Enter the Facility's Address:** Enter the address of the facility that the air permit was issued for. If an address is not available, but the longitude and latitude of the facility are available, then provide the longitude and latitude.
8. **Enter the Generator Nameplate Capacity:** Enter the nameplate capacity of each electric generator covered by the air permit.
9. **Enter the Units that the Nameplate Capacity is reported in (e.g. MW, kW, or HP):** Enter the nameplate capacity of electric generators specify the units the capacity is reported in (e.g. MW, kW, or HP).
10. **Select the Prime Mover for the Generator:** Enter the prime mover of each electric generator covered by the air permit. The "prime mover" is the engine, turbine, water wheel, or similar machine that drives an electric generator, or a device that directly converts energy to electricity (e.g., photovoltaic solar and fuel cells). For combined cycle units, a prime mover code must be entered for each generator. Select one of these prime movers:
 - Combustion (Gas) Turbine
 - Internal Combustion Engine
 - Steam Turbine
 - Combined Cycle (Steam Part)
 - Combined Cycle (Combustion Turbine Part)
 - Combined Cycle (Single Shaft)
 - Other
11. **Select the Predominant Energy Source for the Generator:** Enter the predominant energy source of each electric generator covered by the air permit. Select one of these energy sources:



- Coal
- Distillate Fuel Oil (including diesel, No. 1, No. 2, and No. 4 fuel oils)
- Jet Fuel
- Kerosene
- Petroleum Coke
- Gaseous Propane
- Residual Fuel Oil (including Nos. 5 & 6 fuel oils, and bunker C fuel oil)
- Waste Oil (including crude oil, liquid butane, liquid propane, naphtha, oil waste, re-refined motor oil, sludge oil, tar oil, or other petroleum-based liquid wastes)
- Natural Gas
- Blast Furnace Gas
- Hydrogen
- Other Gas
- Agricultural By-Products
- Municipal Solid Waste
- Other Biomass Solids
- Wood/Wood Waste Solids (incl. paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids)
- Other Biomass Liquids
- Sludge Waste
- Black Liquor
- Wood Waste Liquids excluding Black Liquor (including red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids)
- Landfill Gas
- Other Biomass Gas (including digester gas, methane, and other biomass gases)
- Nuclear
- Purchased Steam
- Waste heat not directly attributed to a fuel source
- Tire-derived Fuels
- Other

12. Date of Commercial Operation for the Generator (mm/yyyy): Enter the date of commercial operation for each electric generator covered by the air permit. This refers to the month and year of initial commercial operation, which is the date the generator officially began producing electricity for sale or use. For backup generators, this would typically be the date it was installed and became available for its intended purpose. If the exact date is unknown, provide the best possible estimate (e.g., year of installation) and make a note in the comments section.

13. Is this Generator an Auxiliary or Backup Generator?: If known, specify whether each electric generator covered by the air permit is an auxiliary or backup generator. The term "backup" generator generally refers to a generator intended to provide power during outages of the primary power source. An "auxiliary" generator might be used for specific plant processes, black start capabilities, or maintenance.

14. Is this Generator Synchronized to the grid?: If known, specify whether each electric generator covered by the air permit is synchronized to the grid. "Synchronized to the grid" means the generator can operate in parallel with the external electrical grid, matching its frequency, voltage, and phase. This question refers to the capability of the generator to synchronize, even if it primarily operates in island mode (disconnected from the grid).

15. Is this Generator participating in a Demand-Side Program?: If known, specify whether each electric generator covered by the air permit participates in a Demand-Side Management Program. Demand-side management (DSM) programs are activities designed to encourage consumers to modify their level and pattern of electricity usage, often to provide cost-effective energy and capacity resources and defer the need for new power sources. These programs include



energy efficiency and demand response programs. If a backup generator is utilized as part of a utility-administered program to reduce grid demand, particularly during peak periods or emergencies, it would be considered to be participating in a demand-side program.

- 16. Select the Reliability Coordinator:** If known and if applicable, specify the Reliability Coordinator for each electric generator covered by the air permit. The Reliability Coordinator is the entity with the highest level of authority responsible for the reliable operation of the Bulk Electric System, possessing a wide-area view and the authority to prevent or mitigate emergency operating situations. This entity ensures the generation-demand balance is maintained.
- 17. Comments:** Provide any additional context, clarification, or explanations for unusual data entries. This could include further details about prime movers or energy sources not explicitly listed, reasons for any discrepancies, details about multi-fuel generators, estimated dates where exact dates are unknown, unique operating scenarios, or any other information that would help EIA understand the submitted data.

FREQUENTLY ASKED QUESTIONS

- 1. What kind of air permit data should be reported?**
 - Report information about all air permits issued for power generators, including back-up generators.
- 2. Are we required to provide permits for non-electric generators (e.g., mechanical-only equipment)?**
 - Only generators that produce electricity should be included.
- 3. Should we include generators used at hospitals, data centers, industrial facilities, or commercial buildings?**
 - Air permits related to power generation at all facility types should be included.
- 4. Should we include temporary or portable generators?**
 - Include generators that have received an air permit. If a permit covers temporary or portable units, include them and note this status in the comments.
- 5. Should we include generators that have been retired or revoked?**
 - Include generators that currently hold active permits.
- 6. Should we include generators under construction but not yet operational?**
 - Include planned generators if an air permit has been issued. Indicate status in the comments if commercial operation has not yet begun.
- 7. What if our air permit database does not include all requested fields?**
 - Provide all available fields. Missing elements can be left blank, and EIA will follow up if clarification is needed.
- 8. What if nameplate capacity differs from permitted capacity?**
 - Report on the generator nameplate capacity if available. If only permitted capacity is known, report that value and clarify in comments.