



Independent Statistics & Analysis  
U.S. Energy Information  
Administration

**Form EIA-923**  
**POWER PLANT**  
**OPERATIONS REPORT**

Year: 2013  
Form Approval: OMB No. 1905-0129  
Approval Expires: 10/31/2013  
Burden: 2.7 Hours

**NOTICE:** This report is **mandatory** under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For further information concerning sanctions and data protections see the provision on sanctions and the provision concerning confidentiality of information in the instructions. **Title 18 USC 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.**

**SCHEDULE 1. IDENTIFICATION**

**Survey Contact**

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone (include extension): \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_  
Address: \_\_\_\_\_ City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Supervisor of Contact Person for Survey**

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone (include extension): \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_  
Address: \_\_\_\_\_ City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Report For**

Company Name: \_\_\_\_\_  
Plant Name: \_\_\_\_\_ Regulated  Yes  No  
Plant ID: \_\_\_\_\_ Plant County: \_\_\_\_\_ CHP  Yes  No  
Address: \_\_\_\_\_ CHP Efficiency  %  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Reporting Month/Year: \_\_\_\_\_

**Contacts**

For questions related to E-filing: [EIASurveyHelpCenter@eia.gov](mailto:EIASurveyHelpCenter@eia.gov), 202-586-9595

For questions about the data requested on this form, contact one of the survey managers below, preferably by email at [EIA-923@eia.gov](mailto:EIA-923@eia.gov).

Schedules 1 and 4: Chris Cassar, 202-586-5448

Schedule 2: Rebecca Peterson, 202-586-4509

Schedules 3 and 5: Ron Hankey, 202-586-2630

Schedules 6, 7, and 8: Channele Wirman, 202-586-5356

EIA-923 Fax: 202-287-1938









Plant Name: \_\_\_\_\_

Plant ID: \_\_\_\_\_ State: \_\_\_\_\_ Reporting Month/Year: \_\_\_\_\_

**SCHEDULE 3. PART A. BOILER INFORMATION FOR STEAM-ELECTRIC ORGANIC-FUELED  
PLANTS — FUEL CONSUMPTION**

This schedule must be completed by plants with a total steam turbine capacity of **10 megawatts and above** that burn organic fuels. Report only fuels consumed in the boilers or, for HRSGs, in duct burners. If no fuel is consumed for the HRSG at combined-cycle plants, report zero. Do not leave blank. Report consumption in combustion turbines or IC engines on SCHEDULE 3. PART B.

**For those plants that report annually, Schedules 3A and 5A must be reported for each month.**

If this does not apply, go to SCHEDULE 3. PART B.

Complete a separate row for each Boiler ID.

Did any boiler produce steam for purposes other than electric power generation during this reporting period?  
(If applicable, please check.)

Prime Mover Code	Boiler ID	Boiler Status	Energy Source (See Table 8 on pages 22 through 23 in the Instructions.)	Quantity Consumed (Enter zero when a fuel has no consumption for this reporting period)	Type of Physical Units (tons, barrels, or Mcf)	Average Heat Content (as burned, to nearest 0.001 MMBtu per ton, barrel, or Mcf)	Sulfur Content (coal, pet coke, RFO, and WO, to nearest 0.01%)	Ash Content (coal and PC only, to nearest 0.1%)

If you reported the category of OTH, OBS, OBG, OBL, or OG in the Energy Source column, please identify the category and specific fuel name below. For example, "The OBG gas is methane."

\_\_\_\_\_.



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**SCHEDULE 3. PART B. FUEL CONSUMPTION – PRIME MOVER LEVEL**

Report fuel consumed by plants with organic-fueled steam and combined-cycle steam capacity **under 10 MW**, and all combustion turbines, IC engines, fuel cells, pumped storage hydroelectric units and compressed air units. Aggregate quantity consumed for prime movers of a single type. In other words, all natural gas consumed by all combustion gas turbines should be reported as one number. Report pumping energy in megawatthours for pumped-storage plants and compressed air units.

Complete a separate row for each Prime Mover Type. (See Table 7 of the instructions.)

- Was steam produced for purposes other than electric power generation during this reporting period?  
(If applicable, please check.)

Prime Mover Code	Energy Source (See Table 8 in the instructions.)	Quantity Consumed (Enter zero when a fuel has no consumption for this reporting period.)	Type of Physical Units (tons, barrels, or Mcf)	Average Heat Content (MMBtu per ton, varrel, or Mcf)

If Energy Source is OTH, OBS, OBG, OBL, or OG, please specify \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Plant Name: \_\_\_\_\_

Plant ID: \_\_\_\_\_ State: \_\_\_\_\_ Reporting Month/Year: \_\_\_\_\_

**SCHEDULE 4. FOSSIL FUEL STOCKS AT THE END OF THE REPORTING PERIOD AND DATA BALANCE**  
**For Coal, Oil, and Natural Gas Plants**

Report stocks for the following fuels:

- Coal (tons)
- Residual oil (No. 5 and No. 6 fuel oils) (barrels)
- Distillate-type oils (including diesel oil, No. 2 oil, jet fuel and kerosene) (barrels)
- Petroleum coke (tons)

Include back-up fuels.

Include start-up and flame-stabilization fuels.

Do not report stocks for waste coal, natural gas, or wood waste. Do enter a comment if the natural gas balance does not equal zero.

Stocks held off-site that cannot be assigned to an individual plant are to be reported as stocks held at a central storage site. Each central storage site must be reported separately. New sites should be indicated in the Comment Section, located in SCHEDULE 9 of this form.

Enter zero if the plant has no stocks. Do not leave blank.

Enter adjustments to stocks. An adjustment can be positive or negative. See instructions for additional information. Provide a comment to explain adjustments in the adjustments grid.

Enter a comment if the balance does not equal zero in the balance grid.

Energy Source (See Table 8 in the Instructions.)	Type of Physical Units (tons, barrels, or Mcf)	Previous Month's Ending Stocks (1)	Current Month's Receipts (2)	Current Month's Consumption (3)	Ending Stocks (4)	Adjustment to Stocks* (5)	Balance** (6) 4=(1+2-3+5)

\*Explain any adjustments below.

Adjustment (from Column 5 above)	Energy Source	Explanation

\*\*Previous Month's Stocks plus Receipts minus Consumption plus (or minus) Adjustment should equal Ending Stocks. The balance will appear in column (6). If the balance is not zero, provide an explanation below.

Balance (from Column 6 above)	Energy Source	Explanation







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**SCHEDULE 5. PART B. PRIME MOVER LEVEL GENERATION**

This schedule must be completed ONLY by steam-electric organic-fueled plants with a total steam turbine capacity less than 10 megawatts, by combined-cycle plants whose steam portion of the operation is under 10 MW, and all IC engines, fuel cells, combustion turbines, pumped-storage hydroelectric turbines, and compressed air units. Generation reported on this schedule corresponds to the fuel consumption reported on SCHEDULE 3. Part B.

In the applicable Gross Generation or Net Generation cell, enter the aggregate generation for prime movers of a single type. For example, enter the total generation from all combustion turbines. Industrial or Commercial Sector plants may report gross generation ONLY if net generation is not measured (see instructions for definition of net generation).

Complete a separate row for each Prime Mover Type. (See Table 7 of the instructions.)

Prime Mover Code	Gross Generation (MWh)	Net Generation (MWh)





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**SCHEDULE 6. NONUTILITY ANNUAL SOURCE AND DISPOSITION OF ELECTRICITY**

SCHEDULE 6 collects calendar year data (no monthly detail).

Report all generation in megawatt-hours (MWh) rounded to a whole number.

Source of Electricity		Disposition of Electricity	
(1) Gross Generation (Annual)		(4) Station Use	
(2) Other Incoming Electricity		(5) Direct Use (Industrial and Commercial Sector Plants, both CHP and non-CHP)	
		(6) Total Facility Use (4 + 5)	
		(7) Retail Sales to Ultimate Customers	
		(8) Sales for Resale	
		(9) Other Outgoing Electricity	
(3) Total Sources (1 + 2)		(10) Total Disposition (6 + 7 + 8 + 9)	
<b>Total Sources must equal Total Disposition (3 = 10)</b>			



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**SCHEDULE 7. ANNUAL REVENUES FROM SALES FOR RESALE**

SCHEDULE 7 must be completed by respondents who entered a positive amount on SCHEDULE 6, Disposition of Electricity, Item 8, Sales for Resale.

Sales for Resale is energy supplied to other electric utilities, cooperatives, municipalities, Federal and State electric agencies, power marketers, or other entities for resale to end-use consumers.

**Annual Revenues from Sales for Resale** (in thousand dollars): \_\_\_\_\_





Plant Name: \_\_\_\_\_

Plant ID: \_\_\_\_\_ State: \_\_\_\_\_ Reporting Month/Year: \_\_\_\_\_

**SCHEDULE 8. PART B. FINANCIAL INFORMATION RELATED TO COMBUSTION BYPRODUCTS**

If actual data are not available, provide an estimated value.

**Operation and Maintenance (O&M) Expenditures During Year (Thousand Dollars)**

Type	(1) Fly Ash	(2) Bottom Ash	(3) Flue Gas Desulfurization	(4) Water Pollution Abatement	(5) Other Pollution Abatement	(6) Total (1 + 2 + 3 + 4 + 5)
Collection						
Disposal						
Other						

**Capital Expenditures for New Structures and Equipment During Year, Excluding Land and Interest Expense  
(Thousand Dollars)**

Type	(7) Air Pollution Abatement	(8) Water Pollution Abatement	(9) Solid/Contained Waste	(10) Other Pollution Abatement
Amount				

**Byproduct Sales Revenue During Year  
(Thousand Dollars)**

Type	(11) Fly Ash	(12) Bottom Ash	(13) Fly and Bottom Ash Sold Intermingled	(14) Flue Gas Desulfurization Byproducts	(15) Other Byproduct Revenue	(16) Total (11+12+13+14+15)
Amount						











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**SCHEDULE 8. PART F. FLUE GAS DESULFURIZATION UNIT INFORMATION – ANNUAL OPERATIONS**

Does not apply.

Note: Flue Gas Desulfurization ID must match the ID as reported on Form EIA-860, "Annual Electric Generator Report."  
Complete a separate row for each Flue Gas Desulfurization Unit.

**ANNUAL OPERATIONS**

Flue Gas Desulfurization Unit ID	FGD Unit Status	Hours In-Service	Quantity of FGD Sorbent Used (to the nearest 0.1 thousand tons)	Electrical Energy Consumption (MWh)	Removal Efficiency of Sulfur Dioxide (nearest 0.1% by wt)		
					At Annual Operating Factor	At 100% Load or Tested Efficiency	Date of Most Recent Efficiency Test (e.g., 12-2005)

**OPERATION AND MAINTENANCE EXPENDITURES DURING YEAR, EXCLUDING ELECTRICITY (THOUSAND DOLLARS)**

Flue Gas Desulfurization Unit ID	Feed Materials and Chemicals	Labor and Supervision	Waste Disposal	Maintenance, Materials, and All Other Costs	Total



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**SCHEDULE 9. COMMENTS**

Comment Section: Explain any unusual values, occurrences, or changes in ownership.

Schedule	Part	Item	Comment

**Changes in Ownership**  
 (Provide name of purchaser and date sold.)

\_\_\_\_\_