

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: CNEAFHelpcenter@eia.gov 202-586-9595
For questions about the data requested on this form:
Schedules 1 & 4: Chris Cassar christopher.cassar@eia.gov 202-586-5448
Schedule 2: Rebecca Peterson rebecca.peterson@eia.gov 202-586-4509
Schedules 3 & 5: Ron Hankey rhankey@eia.gov 202-586-2630
Schedules 6, 7, & 8: Channele Wirman channele.wirman@eia.gov 202-586-5356
EIA-923 Fax: 202-287-1959 or 202-287-1960
EIA-923 Mailbox: EIA-923@eia.gov

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

**SCHEDULE 2. PAGE 2. COST AND QUALITY OF FUEL PURCHASES – PLANT LEVEL
 QUALITY OF FUEL AND TRANSPORTATION
 For fossil-fueled plants 50 megawatts and above**

Purchases				Quality of Fuel as Received				Fuel Transportation		
Fuel Supplier Name	Contract Type	Energy Source	Quantity Purchased	All Fuels	Coal, Pet Coke, RFO, and WO	Coal and Pet Coke	Coal Only	Natural Gas	Coal, Pet Coke, and Oil	
				Heat Content (MMBtus to nearest 0.001)	Sulfur Content (percent weight to nearest 0.01)	Ash Content (percent weight to nearest 0.1)	Mercury Content (ppm to nearest 0.001 or enter 9 if not available)	Firm or Interruptible	Predominant Mode (Mode used to transport fuel over the longest distance)	Secondary Mode (Mode used to transport fuel over the second-longest distance)
Carried Forward from Schedule 2. Page 1.										

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

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

This schedule will 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.

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."

_____.

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

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 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 (MMBtu per ton, barrel, or Mcf)

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."

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

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

SCHEDULE 5. PART B. PRIME MOVER LEVEL GENERATION

This schedule will 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)

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

SCHEDULE 5. PART C. GENERATION FROM NUCLEAR AND OTHER NONCOMBUSTIBLE ENERGY SOURCES

This schedule will be completed by all nuclear plants and by all wind, solar, geothermal, hydroelectric, or other plants where the energy source is noncombustible, such as purchased steam or waste heat. No fuel consumption is required for these types of plants. Report generation by energy source for nuclear, wind, solar, geothermal, conventional hydroelectric and miscellaneous sources such as purchased steam or waste heat. Do not report generation at a combined-cycle plant. All combined-cycle generation is reported on SCHEDULE 5. PART A or B. Report nuclear data by generating unit.

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	Energy Source	Unit Code (nuclear)	Gross Generation (MWh)	Net Generation (MWh)

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

SCHEDULE 6. NONUTILITY ANNUAL SOURCE AND DISPOSITION OF ELECTRICITY

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

Report all generation in megawatthours (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)	
Total Sources must equal Total Disposition (3 = 10)			

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

SCHEDULE 7. ANNUAL REVENUES FROM SALES FOR RESALE

SCHEDULE 7 is to 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. ANNUAL ENVIRONMENTAL INFORMATION

SCHEDULE 8. PARTS A through F are filed annually by thermoelectric power plants (organic fueled, nuclear, and combined cycle) with a total steam turbine capacity of 10 megawatts and above (plants that reported on SCHEDULE 3. Part A and SCHEDULE 5 Part A.). Plants with a total steam turbine capacity of 10 megawatts to less than 100 MW file only Parts C, E, and F.

SCHEDULE 8. PART A. ANNUAL BYPRODUCT DISPOSITION

Enter the quantity of combustion byproducts for the year by type of disposal (to nearest 0.1 thousand tons). Report sales of steam in million Btu (MMBtu). If actual data are not available, provide an estimated value.

NO BYPRODUCTS

Byproduct	Disposal			Sale or Beneficial Use			Storage		Total
	On-Site Landfill	On-Site Ponds	Disposal Off-site	Sold	Used On-site	Used Off-site	Stored On-site	Stored Off-site	
Fly ash from standard boiler/PCD units									
Fly ash from units with dry FGD									
Fly ash from FBC units									
Bottom ash from standard boiler units									
Bottom (bed) ash from FBC units									
FGD Gypsum									
Other FGD byproducts									
Ash from coal gasification (IGCC) units									
Other (specify via footnote on SCHEDULE 9)									
Steam Sales (MMBtu)									

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						

Plant Name: _____

Plant ID: _____ State: _____ Reporting Year: _____

SCHEDULE 8. PART D. MONTHLY COOLING SYSTEM INFORMATION

Reporting Month: _____

Note: All steam-electric plants of 100 MW nameplate capacity or greater, including combined cycle plants and nuclear power plants, must respond to this schedule. Cooling System ID must match the ID as reported on Form EIA-860, "Annual Electric Generator Report." **Complete a separate page for each month.** Complete a separate row for each cooling system.

Cooling System ID or Plant	Cooling System Status	Monthly Amount of Chlorine Added to Cooling Water (1000 lbs)	Hours in Service	Average Monthly Rate of Cooling Water (in cubic feet per second, to the nearest 0.1 ft ³)					Cooling Water Temperature at Intake (degrees Fahrenheit)		Cooling Water Temperature at Discharge Outlet (degrees Fahrenheit)			
				Diversion	Withdrawal	Discharge	Consumption	Measured or Estimated? (If any flow rate data was estimated, select methodology.)	Average Monthly Temperature	Maximum Temperature for the Month	Average Monthly Temperature	Maximum Temperature for the Month	Measured or Estimated? (If any temperature data was estimated, select methodology.)	

Plant Name: _____

Plant ID: _____ State: _____ Reporting Year: _____

SCHEDULE 8. PART E. FLUE GAS PARTICULATE COLLECTION INFORMATION

Does not apply.

Complete a separate row for each flue gas particulate collector.

Flue Gas Particulate Collector ID	FGP Collector Status	Hours in Service	Typical Particulate Emissions Rate (to the nearest 0.01 lb/MMBtu)	Removal Efficiency of Particulate Matter (nearest 0.1% by weight)		
				At Annual Operating Factor	At 100% Load or Tested Efficiency	Date of Most Recent Efficiency Test (e.g., 12-2005)

POWER PLANT OPERATIONS REPORT

Plant Name: _____

Plant ID: _____ State: _____ Reporting Year: _____

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

Plant Name: _____

Plant ID: _____ State: _____ Reporting Month/Year: _____

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.)