05-0129 .3

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TOUT 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):	
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:	
City: State	
Reporting Month/Year:	
	Contacts
For questions related to E-filing: EIASurveyHelpC	
For questions about the data requested on this for 923@eia.gov .	m, contact one of the survey managers below, preferably by email at <u>EIA-</u>
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	00.5050
<u>Schedules 6, 7, and 8</u> : Channele Wirman, 202-58 EIA-923 Fax: 202-287-1938	30-5356
Lii (320) ax. 202 201 1300	



Year: 2013

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

Plant Name:			
Plant ID:	State:	Reporting Month/Year:	
		OF FUEL PURCHASES – PLANT LE RECEIPTS, AND COSTS	VEL

For coal-fueled plants 50 megawatts and above; and for plants fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil 200 megawatts and above.



Year: 2013

Plant Name:		Reporting Month/	 Year:	
☐ No Receipts (If applicable, please chec	ck.)	Is there a fuel tolling a applicable, please check.		this plant? (If
Contract Information		Receipts	Cost p	er Unit
Fuel Supplier Name	Contract Expiration Date	Quantity Purchased (solids in ton		Commodity Cost (Coal, Natural Gas) (cents per MMBtu,



Year: 2013

		_					
Plant Name:							
Plant ID:		State:	Rep	orting Month/Ye	ear:		
	Contract Type		Energy Source	liquids in barrels gases in Mcf)	to the nearest 0.1)	to the nearest 0.1)	
							-



Year: 2013

Plant Name:							
Plant ID:				orting Month/Year	::		
							
							-
						<u> </u>	



Year: 2013

Plant Name:						
Plant ID:		State:	Rep	orting Month/Year	:	
						-
						1
						-



Year: 2013

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lant ID:	State:	Reporting Month/Year:	

For coal-fueled plants 50 megawatts and above; and for plants fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil 200 megawatts and above.



Year: 2013

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



Year: 2013

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

Plant ID:	State:	Reporting Month/Year:	
	COAL MINE INF	OF FUEL PURCHASES – PLANT LE ORMATION fueled by natural gas, petroleum col	

residual fuel oil 200 megawatts and above.



Year: 2013

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Plant Name:			
Plant ID:		Reporting Month/Year: _	

Fuel 5



Year: 2013

Form Approval: OMB No. 1905-0129

Approval Expires: 10/31/2013 Burden: 2.7 Hours

Plant Name:		
Plant ID:	State:	Reporting Month/Year:
	FORMATION FOR	R STEAM-ELECTRIC ORGANIC-FUELED SUMPTION

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.



Year: 2013

Plant Name:		
Plant ID:	State:	Reporting Month/Year:
Complet		
П		
_		
Prime		
Mover		
Code		



Year: 2013

Plant Name:	•					
Plant ID:		State:	Reporting Month/	Year:		
	Instructions.) rep	porting period)	or Mcf) M	cf) 0.	01%)	0.1%)
				I		



Year: 2013

Plant Name:		
Plant ID:	State:	Reporting Month/Year:
(OTH ODG ODG ODG	00::#:5	
If you reported the category of OTH, OBS, OBG, OBL specific fuel name below. For example, "The OBG ga	., or OG in the End is is methane."	ergy Source column, please identify the category and
		·



Year: 2013

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Plant Name:			
Plant ID:	State:	Reporting Month/Year:	_
COUEDINE A DART D	FUEL CONCURS	OTION DRIME MOVED LEVEL	
SCHEDULE 3. PART B.	FUEL CONSUM	PTION - 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.).



Year: 2013

Plant Name:				
Plant ID:	:	State: Reporting Mo	onth/Year:	
Was steam produ		ectric power generation during	this reporting period?	
Drimo Movey Code	Energy Source	Quantity Consumed (Enter zero when a fuel has no	Type of Physical Units	Average Heat Content
Prime Mover Code	(See Table 8 in the instructions.)	consumption for this reporting period.)	(tons, barrels, or Mcf)	(MMBtu per ton, barrel, or Mcf)



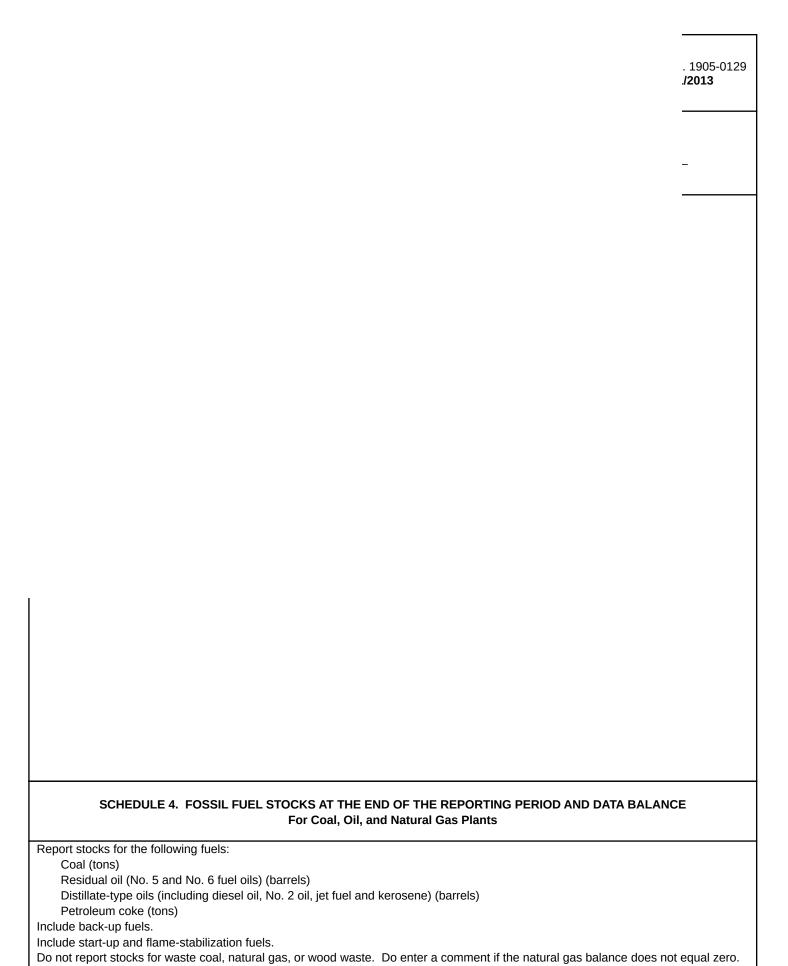
Year: 2013

		Ŭ.		J 1121 O111		Daracii. 2.7 i	iouis	
Plant Name:	•							
Plant ID:		Sta	ate:	Reporting Mo	onth/`	Year:		
,					ı			
		\dashv						
		\dashv						
1					1			1



Year: 2013

Plant Name:			
Plant ID:	State:	Reporting Month/Year:	
If Energy Source is OTH, OBS, OBG, OBL, or OG, ple	ease specify		
			_





Year: 2013

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Plant Name:			
Plant ID:	State:	Reporting Month/\	/ear:
Stocks held off-site that cannot be assigned to an ir	ndividual plant are to b	oe reported as stock	s held at a central storage site. Each
central storage site must be reported separatel			
9 of this form.	hlank		
Enter zero if the plant has no stocks. Do not leave Enter adjustments to stocks. An adjustment can be		See instructions for	r additional information. Provide a
comment to explain adjustments in the adjustm			

Energy S (See Tal the Instru	ole 8 in	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)
------------------------------------	----------	--	---	---------------------------------	---------------------------------------	----------------------	------------------------------	------------------------------

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



Year: 2013

Plant Name:								
Plant ID:				Reporting	Month/Year:			
*Explain any adjus	stments belo	ow.						
Adjustment (from Column 5 above) Energy Source		Explanation						



Year: 2013

Plant Name:			
Plant ID:		State:	Reporting Month/Year:
	ks plus Receipts minus Consu If the balance is not zero, pr		ninus) Adjustment should equal Ending Stocks. The balance tion below.
Balance (from Column 6 above)	Energy Source		Explanation



Year: 2013

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

This sc of 10 \mbox{m} hydro-€ by nucl



Year: 2013

Plant Name: _						
Plant ID:			State:	_ Reporting Month/	Year:	
						$\overline{}$
Prime Mover	Generator ID	Generator Status	Gross Gene (MWh)		Net Generation (MWh)	
Code		- Ctatus	()	,	(mvi)	
i l	1	1	İ	ı		1



Year: 2013

0 – 00	1 1011111111111111111111111111111111111			OI LIWATION	5 KE. 5K.	Burden. 2.7 Hours	
Plant Name:							
Plant ID:				State:	Reporting Mon	th/Year:	



Year: 2013

Plant Name:					
Plant ID:		Reporting Month/Year:			



Form EIA-923 POWER PLANT

Year: 2013

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Cla	Administration	OPERATIONS REPORT	Burden: 2.7 Hours
Plant Name:			
Plant ID:		State: Reporting Month	n/Year:
Pr	rime Mover Code	Gross Generation (MWh)	Net Generation (MWh)
		(MIVII)	(MINNI)
	l		



Year: 2013

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



Year: 2013

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



Year: 2013

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Burden: 2.7 Hours

Plant Name:		
Plant ID:	State:	Reporting Month/Year:
		solar, geothermal, hydroelectric, or other plants where the

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.

plants. Report generation by energy source for nuclear, wind, solar, geothermal, conventional hydroelectric and miscellaneous

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.)



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

Source of Electricity

Report all generation in megawatthours (MWh) rounded to a whole number.

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

Year: 2013

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lant Name:				
Plant ID:	State:	Reporting Month/Year:		
			_	
SCHEDULE 6. NONUTILITY AN	NUAL SOURCE	AND DISPOSITION OF ELECTRICITY		

Disposition of Electricity



Year: 2013

_					
	Plant Name:				
Plant ID:		State:	Reporting Month/Year:	n/Year:	
	(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		



Year: 2013

Plant Name:			
Plant ID:			Year:
		(9) Other Outgoing Ele	ectricity
(3) Total Sources (1 + 2)		(10) Total Disposition	(6 + 7 + 8 + 9)
Total Source	ces must equal To	otal Disposition (3 = 10	0)



Year: 2013

Plant Name:	 	-
Plant ID:	Reporting Month/Year: _	



Annı

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

Year: 2013

Plant Name:			
Plant ID:	State:	Reporting Month/	Year:
SCHEDULE 7. AN	NNUAL REVENUES	FROM SALES FOR	RESALE
SCHEDULE 7 must be completed by respondents Sales for Resale	s who entered a positi	ive amount on SCH	EDULE 6, Disposition of Electricity, Item 8,
Sale: mark			



Year: 2013

Form Approval: OMB No. 1905-0129

Approval Expires: 10/31/2013 Burden: 2.7 Hours Plant Name: Plant ID: _____ State: ____ Reporting Month/Year: _____



Year: 2013

Plant Name:						
lant ID:	State:	Reporting Month/Year:				



Year: 2013

Plant Name:						
lant ID:	State:	Reporting Month/Year:				



Year: 2013

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Approval Expires: 10/31/2013

Burden: 2.7 Hours

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 with a total steam turbine capacity of 10 megawatts to less than 100 MW file only Parts C, E, and F.



Year: 2013

Plant Name:			
i idiicivanio.			
Plant ID:	State:	Reporting Month/Year:	
			
Enter t			
in millic			



Year: 2013

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

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									



Year: 2013

		J			0	Build	ucii. 2.7 1100	<i>x</i> 11.5	
Plant Name:									
Plant ID:		s	state:	Rep	orting Mont	:h/Year:			
Г	т				T			 	
Fly ash from FBC units									
Bottom ash from standard boiler units									
Bottom (bed) ash from FBC units									
FGD Gypsum									
Other FGD byproducts									



Year: 2013

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

Ash fror units

Other (s SCHED

Steam 5



Year: 2013

			_
Plant Name:			
Plant ID:	State:	Reporting Month/Year:	
			_
SCHEDULE 8. PART B. FINANCI	IAL INFORMATION R	RELATED TO COMBUSTION BYPRODUCTS	
If actual data are not available, provide an estimat	ted value.		
Operation and Maintenand	ce (O&M) Expenditui	res During Year (Thousand Dollars)	



Other

Form EIA-923 POWER PLANT OPERATIONS REPORT

Year: 2013

0 = 00			0. 2.0	ONO INEL OIN	Baracii. 2.7	Tiouis	
Plant Name:							
Plant ID:					nth/Year:		
							1
Туре	(1)	(2)	(3) Flue Gas	(4) Water	(5) Other Pollution	(6) Total	
туре	Fly Ash	Bottom Ash	Desulfurization	Pollution Abatement	Abatement	(1+2+3+4+5)	
Collection							
Disposal							



Year: 2013

Plant Name:				_	
Plant ID:		State:	Reporting Month/Year:		
Capital Exp	enditures for New		t During Year, Excluding La	nd and Interest Expense	
		(Thousand Dollars)			
Туре	(7) Air Pollution Abatement	(8) Water Pollution Abatement	(9) Solid/Contained Waste	(10) Other Pollution Abatement	
Amount					



Year: 2013

Plant Name:						
Plant ID:			State:	Reporting ivioi	nth/Year:	
		Bvr	product Sales Reve	enue During Year		
		- 7 t	(Thousand			
Туре	(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						



Year: 2013

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

Comple Note: -



Year: 2013

lant Name:			
lant ID:	State:	_ Reporting Month/Year	:
☐ No NO _x Controls			
		NO _x Emissio	on Rate (lbs/MMBtu)
		Entire Year	May through September



Year: 2013

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



Year: 2013

	0. 2.00	NO NEI OIN	Burden. 2.7 Hours	
Plant Name:				
Plant ID:	State:	Reporting Month/	Year:	



Year: 2013

ant Name:			
ant ID:	State:	Reporting Month/Year:	



Year: 2013

Plant Nam	e:												
Plant ID: _						Sta	ite:			Reportin	g Year:		
				sc	HEDULE 8.			OOLING SYSTI					
System ID		ch the ID as				reater, inc	luding combin	ed-cycle plants port." Complet	and nuclear				
Cooling	Cooling	Monthly Amount of Chlorine Added to		(•	•	of Cooling Wa to the nearest (Cod	oling Water Tem (degrees Fahre		
System ID or Plant	System Status	Cooling Water (1000 lbs to nearest 0.001)	Hours in Service	Diversion	Withdrawal	Discharge	Consumption	Measured or Estimated?	Average Monthly Temperature at Intake	Maximum Temperature for the Month at Intake	Average Monthly Temperature at Discharge	Maximum Temperature for the Month at Discharge	Measured or Estimated?



Form EIA-923

POWER PLANT OPERATIONS REPORT

Year: 2013

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Plant Name:						
Plant ID:			State:	Reporting	Year:	
		SCHED	ULE 8. PART E. FLUE GAS	S PARTICULATE COLLECTION INFO	RMATION	
Does not app	ply. arate row for each fl	lue gas particulate (collector.			
				Removal Efficiency of	Particulate Matt	ter (nearest 0.1% by weight)
Flue Gas Particulate Collector ID	FGP Collector Status	Hours in Service	Typical Particulate Emissions Rate (to the nearest 0.01 lb/MMBtu)	At Annual Operating Factor	At 100% Load or Tested Efficiency	Date of Most Recent Efficiency Test (e.g., 12-2005)



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Year: 2013

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

eia	Independent Statistics & Analysis U.S. Energy Information
era	Administration

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

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Year: 2013

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ela'	Administration	OPERATIONS REPORT	Approval Expires: 10/31/2013 Burden: 2.7 Hours
Plant Name:			
Plant ID:		State: Reporting Month	n/Year:
ant ID:		State:	Reporting Year:
	SCHEDULE 8. PAF	RT F. FLUE GAS DESULFURIZATION	UNIT INFORMATION – ANNUAL OPE
Does not apply.		·	ted on Form EIA-860, "Annual Electric G
лоеѕ погарру.	Complete a separate	row for each Flue Gas Desulfurization U	nit.



Year: 2013

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

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



Year: 2013

Plant Name:						
Plant ID:			State:	Reporting Month/	Year:	
	OPERATIO	ON AND MAINTEN	NANCE EXPENDITUR	RES DURING YEA	R, EXCLUDING ELECT	RICITY (THOUSAN



Year: 2013

Form Approval: OMB No. 1905-0129 Approval Expires: 10/31/2013

Cla Ad	ministration	OPERATION	S REPORT	Burden: 2.7 Hours	
Plant Name:					
Plant ID:		State:	Reporting Month/	Year:	
Flue Gas	Feed Materials and	Labor and			Maintenance Materials,
Desulfurization Un ID	Chemicals	Supervision	Was	ste Disposal	and All Other
		+	 		



Plant Na

Plant ID:



Year: 2013

Plant Name:		
Plant ID:	State:	Reporting Month/Year:
Commei		
Schedu		



Year: 2013

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



Year: 2013

ant Name:						
ant ID:	State:	Reporting Month/Year:				



Year: 2013

Plant Name:						
Plant ID:		Reporting Month/Year:	_			



Plant Na

Plant ID