



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 DIVISION OF AIR POLLUTION CONTROL –  
 COMPLIANCE SECTION  
 P.O. BOX 19276  
 SPRINGFIELD, ILLINOIS 62794-9276

**FOR APPLICANT'S USE**

Revision #: \_\_\_\_\_  
 Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
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 Source Designation: \_\_\_\_\_

	<b>FOR AGENCY USE ONLY</b>
<b>MERCURY MONITORING REPORTING FORM</b>	ID NUMBER: _____
THIS FORM IS USED TO REPORT AND CERTIFY COMPLIANCE OF A SOURCE AND SPECIFIC ELECTRICAL GENERATING UNITS ("EGU") WITH ALL APPLICABLE CEMS AND EXCEPTED MONITORING SYSTEM MONITORING DURING A REPORTING PERIOD.	PERMIT #: _____
	DATE: _____

<b>SOURCE INFORMATION</b>	
1) SOURCE NAME: _____	
2) DATE FORM PREPARED: _____	3) SOURCE ID NO. _____

<b>GENERAL INFORMATION</b>	
4) PERIOD COVERED BY THIS REPORT: FROM: ____ / ____ / ____ TO: ____ / ____ / ____	
5) NAME AND PHONE NUMBER OF PERSON TO CONTACT FOR QUESTIONS REGARDING THIS REPORT:	
NAME: _____	TITLE: _____
PHONE#: (____) _____ - _____ EXT: _____	

THIS AGENCY IS AUTHORIZED TO REQUIRE THIS INFORMATION UNDER ILLINOIS REVISED STATUTES, 1991, AS AMENDED 1992, CHAPTER 111 1/2, PAR. 1039.5. DISCLOSURE OF THIS INFORMATION IS REQUIRED UNDER THAT SECTION. FAILURE TO DO SO MAY PREVENT THIS FORM FROM BEING PROCESSED AND COULD RESULT IN THE APPLICATION BEING DENIED. THIS FORM HAS BEEN APPROVED BY THE FORMS MANAGEMENT CENTER.		
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6) LIST ALL EGU(S) AT THE SOURCE (IF ADDITIONAL SPACE IS NEEDED FOR ITEM 6, ATTACH AND LABEL AS EXHIBIT 450-A) AND IDENTIFY THE APPLICABLE 35 ILL ADM. CODE PART 225 REQUIREMENT(S) FOR EACH EGU FOR WHICH THIS FORM IS BEING USED TO REPORT AND CERTIFY COMPLIANCE WITH:

Note: EGUs using periodic emissions testing (including LME EGUs) will be listed here, but excluded from the emissions table (pg 3)


<b>COMPLIANCE OF ELECTRICAL GENERATING UNITS DURING REPORTING PERIOD</b>	
7) WERE THOSE EGUS, WHICH ARE USING A MONITORING SYSTEM, IN ITEM 6 IN COMPLIANCE WITH ALL APPLICABLE MONITORING AND RECORDKEEPING REQUIREMENTS FOR THE ENTIRE REPORTING PERIOD?	<input type="radio"/> Yes <input type="radio"/> No
8) FOR AN EGU WHERE MERCURY DATA WAS UNAVAILABLE OR OUT OF CONTROL, WERE THE ADD-ON MERCURY EMISSION CONTROLS, A FGD SYSTEM, A SCR SYSTEM, OR A COMPACT HYBRID PARTICULATE COLLECTOR SYSTEM OPERATING WITHIN ESTABLISHED PARAMETERS?	<input type="radio"/> Yes <input type="radio"/> No
IF NO, THEN COMPLETE AND SUBMIT FORM CAAPP-405 – "EXCESS EMISSIONS, MONITORING EQUIPMENT DOWNTIME, AND MISCELLANEOUS REPORTING FORM."	

<b>ADDITIONAL INFORMATION</b>	
9) WAS THE CEMS OR EXCEPTED MONITORING SYSTEM DATA AVAILABILITY LESS THAN 95.0 PERCENT OF THE TOAL OPERATING TIME FOR ANY EGU FOR THIS PERIOD?	<input type="radio"/> Yes <input type="radio"/> No
IF YES, THEN COMPLETE AND SUBMIT FORM CAAPP-405 – "EXCESS EMISSIONS, MONITORING EQUIPMENT DOWNTIME, AND MISCELLANEOUS REPORTING FORM." INCLUDING THE INFORMATION IN SECTION 225.290(b)(3)(I)	

<b>SIGNATURE BLOCK</b>	
NOTE: THIS CERTIFICATION MUST BE SIGNED BY A RESPONSIBLE OFFICIAL. REPORTS WITHOUT A SIGNED CERTIFICATION WILL BE RETURNED AS INCOMPLETE.	
10) I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY OF THOSE PERSONS WITH PRIMARY RESPONSIBILITY FOR ENSURING THAT ALL OF THE EGUS' EMISSIONS ARE CORRECTLY AND FULLY MONITORED, THE STATEMENTS AND INFORMATION CONTAINED IN THIS REPORT ARE TRUE, ACCURATE, AND COMPLETE.	
AUTHORIZED SIGNATURE:	
BY:	
_____	_____
AUTHORIZED SIGNATURE	TITLE OF SIGNATORY
_____	_____/_____/_____
TYPED OR PRINTED NAME OF SIGNATORY	DATE



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**QUARTERLY AND MONTHLY MERCURY EMISSIONS DATA <sup>(1)</sup>**

EGU or STACK ID <sup>(2)</sup>	EGU Quarterly Operating Hours (hrs/quarter)	CEMS Quarterly Operating Hours (hrs/quarter)	CEMS Quarterly Data Availability (%)	Avg. Monthly Hg Coal Concentration <sup>(3)(8)</sup> (ppm)		Total Hg Content of Coal Fired in EGU <sup>(4)(8)</sup> (oz./quarter)	Monitored Quarterly Hg Emitted <sup>(5)</sup> (oz./quarter)	Avg. Monthly and Quarterly Hg Control <sup>(6)(8)</sup> (%)		Avg. Monthly and Quarterly Hg Emission Rate <sup>(7)</sup> (lb/GWh)		12-Month Rolling Avg. Control or Emission Rate <sup>(8)(9)</sup> (% or lb/GWh)	
				1	2			1	2	1	2	1	2
				1				1		1		1	
				2				2		2		2	
				3				3		3		3	
				Q				Q		Q		Q	
				1				1		1		1	
				2				2		2		2	
				3				3		3		3	
				Q				Q		Q		Q	
				1				1		1		1	
				2				2		2		2	
				3				3		3		3	
				Q				Q		Q		Q	
				1				1		1		1	
				2				2		2		2	
				3				3		3		3	
				Q				Q		Q		Q	

Notes:

1. Specific records pursuant to 35 Ill. Adm. Code Part 225 may be requested by the Agency to support the information provided here. EGUs using periodic emissions testing should be excluded.
2. If EGUs share a common stack, list Stack ID and associated EGUs.
3. Determined by averaging all analyzed coal samples in the month according to Section 225.265(a)(2)
4. Multiply the average monthly coal concentration by the amount of coal used each month, then add together for the quarter.
5. The amount of mercury emitted during the CEMS quality-assured monitor operating hours.
6. Calculated using the emissions data available during CEMS quality-assured monitor operating hours and total Hg content of coal weighted by the data availability percentage.
7. During the CEMS quality-assured monitor operating hours.
8. As applicable, according to method of calculation (Hg emission rate or Hg reduction standard-see Section 225.290(b)(3)(H)).
9. Or a lesser number of continuous months if a full 12 months of data is not available.

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