

Table 1: Annual Respondent Burden and Cost –NSPS for Fossil Fuel Fired Steam Generating SubpartD) (Renewal)

Burden Item	(A) Person hours per occurrence	(B) Number of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a	(E) Technical person- hours per year (E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting Requirements					
A. Familiarization with Regulatory Requirements ^c	1	1	1	660	660
B. Initial performance test ^d	N/A				
C. Create information ^d	N/A				
D. Gather Existing Information	See 3E				
E. Write report					
Notification of construction/reconstruction ^d	N/A				
Notification of anticipated/actual startup ^d	N/A				
Notify of emission test ^d	N/A				
Report of initial emission test ^d	N/A				
Excess emissions report ^e	1	2	2	660	1,320
Subtotal Reporting Requirements					
4. Recordkeeping Requirements					
A. Familiarization with Regulatory Requirements ^c	See 3A				
B. Plan activities	See 4C				
C. Implement activities	See 3B				
D. Develop record system	N/A				
E. Time to check computer system and calibrate continuous monitors ^f	0.25	365	91.25	660	60,225
F. Time to Train Personnel	N/A				
G. Time For Audits	N/A				
Subtotal Recordkeeping Requirements					
Total Labor Burden and Costs (rounded) ^g					
Total Capital and O&M Cost (rounded) ^g					
Grand Total (rounded) ^g					

Assumptions:

^a We have assumed that the average number of respondents that will be subject to the rule will be 660. There will be no subject to the rule over the three-year period of this ICR.

^b This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$117.9 \$57.02 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statisti Workers, by Occupational and Industry group.” The rates are from column 1, “Total Compensation.” The rates have be benefit packages available to those employed by private industry.

- ^c We assume that all respondents will have to familiarize with the regulatory requirements and it will take 1 hour per respondent.
- ^d There have been no new subpart D units since 1986, and new units are not expected over the three-year period of this IAD.
- ^e We assume that each source will submit a semiannual report due to excess emission and monitoring systems performance.
- ^f We assume that respondents conduct this activity on a daily basis, and that plant operations occur 365 days per year.
- ^g Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Units (40 CFR Part 60,

(F) Management person hours per year (F=Ex0.05)	(G) Clerical person hours per year (G=Ex0.1)	(H) Cost, (\$) ^b
33	66	\$86,454.72
66	132	\$172,909.44
2,277		\$259,364
3,011.25	6,022.5	\$7,888,993.20
69,259		\$7,888,993
71,500		\$8,150,000
		\$9,900,000
		\$18,100,000

Labor Rates:	
Management	147.40
Technical	117.92
Clerical	57.02

These rates were updated 12/26/18

additional new sources that will become

12 per hour for Technical labor, and
 cs, June 2018, “Table 2. Civilian
 en increased by 110% to account for the

pendent.

CR; therefore, this burden item is not

ance over the three-year period.

} to match the United States Department of Labor, Bureau of Labor Statistics, June 2018, "Table 2. Civilian Worker

rs, by occupational and industry group

Table 2: Average Annual EPA Burden and Cost – NSPS for Fossil Fuel Fired Steam Generators

Burden Item	(A) EPA Hours per Occurrence	(B) Number of occurrences per plant per year	(C) EPA Person hour per year (C=AxB)	(D) Plants per year ^a	(E) Technical hours per year (E=CxD)
Report Review					
Notification of construction	N/A				
Notification of anticipated startup	N/A				
Notification of actual startup	N/A				
Notification of Initial Test					
Sulfur dioxide ^c	N/A				
Particulate matter ^c	N/A				
Nitrogen oxides ^c	N/A				
Review Initial Test Results					
Sulfur dioxide ^c	N/A				
Particulate matter ^c	N/A				
Nitrogen oxides ^c	N/A				
Review Notification of CMS Demonstration					
Sulfur dioxide ^c	N/A				
Particulate matter ^c	N/A				
Nitrogen oxides ^c	N/A				
Review CMS Performance Demonstration					
Sulfur dioxide ^c	N/A				
Particulate matter ^c	N/A				
Nitrogen oxides	N/A				
Review excess emission reports ^d	1	2	2	460	920
Review sulfur dioxide compliance reports ^{d, e}					
Coal-Fired units	2	2	4	133	532
Oil-Fired units	2	2	4	67	268
Travel expenses	N/A				
Total Annual Burden and Cost (rounded) ^f					

Assumptions:

^a We have assumed that the average number of respondents that will be subject to the rule will be 660. There will be 660 units that become subject to the rule over the three-year period of this ICR.

^b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for the Managerial rate of \$65.71 (GS-13, Step 5, \$41.07 + 60%), Technical rate of \$48.75 (GS-12, Step 1, \$30.47 + 60%), and the rate for the 3rd step, \$16.49 + 60%). These rates are from the Office of Personnel Management (OPM) “2018 General Schedule” which is used for the purpose of this ICR.

^c There have been no new subpart D units since 1986, and new units are not expected over the three-year period of this ICR. Therefore, this burden is not applicable.

^d We assume that approximately 70 percent of the sources monitor via CEM and that approximately 30 percent use

^e Units using fuel sampling and analysis submit sulfur dioxide compliance reports instead of excess emission report figures used in this category are based on research performed during regulation revision.

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding

is, which are based on CEM data. The

18 to match the rates from the Office of Personnel Management (OPM), 2018 General Schedule.