

**Table 1: Annual Respondent Burden and Cost - NSPS for Electric Utility Steam Generating Units (40 CFR Part**

Burden Item	A	B	C
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarize with regulatory requirements <sup>c</sup>	1	1	1
B. Required activities			
Initial emissions tests	160	1	160
Reference Method 9	4	30	120
Repeat performance test <sup>d</sup>	60	0.2	12
C. Create information	See 3B		
D. Gather existing information	See 3E		
E. Write report			
Notification of construction/reconstruction	2	1	2
Notification of actual startup	2	1	2
Notification of initial performance test	2	1.2	2.4
Notification of demonstration of CMS	2	1	2
Report of performance test	See 3B		
Semiannual report <sup>e</sup>	8	2	16
Quarterly report <sup>f</sup>	8	4	32
<b>Subtotal for Reporting Requirements</b>			
4. Recordkeeping requirements			
A. Familiarize with regulatory requirements	See 3A		
B. Plan activities	See 4C		
Implement activities	See 3B		
Develop record system	N/A		
C. Time to check computer system and calibrate continuous monitor <sup>g</sup>	0.5	365	182.5
D. Train personnel	N/A		
E. Audits	N/A		
<b>Subtotal for Recordkeeping Requirements</b>			
<b>TOTAL LABOR BURDEN AND COSTS (rounded) <sup>h</sup></b>			
<b>TOTAL CAPITAL AND O&amp;M COST (rounded) <sup>h</sup></b>			
<b>GRAND TOTAL (rounded) <sup>h</sup></b>			

**Assumptions:**

- <sup>a</sup> We have assumed that there are an average of 732 existing respondents subject to the rule and no new sources that will be
- <sup>b</sup> This ICR uses the following labor rates: \$121.46 for technical, \$148.45 for managerial, and \$60.23 for clerical labor. The
- <sup>c</sup> We have assumed that all respondents will have to familiarize with the regulatory requirements each year.
- <sup>d</sup> We have assumed that 20 percent of initial performance tests will be repeated due to failure.
- <sup>e</sup> We have assumed that 80 percent of respondents will each take 8 hours two times per year to write the semiannual report.

- <sup>f</sup> We have assumed that 20 percent of respondents will each take 8 hours four times per year to write the quarterly report.
- <sup>g</sup> We have assumed that each respondent will take 30 minutes each day to check computer system and calibrate continuous
- <sup>h</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

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121.46      148.45      60.23

D	E	F	G	H
Respondents per year <sup>a</sup>	Technical hours per year (E=CxD)	Management hours per year (F=Ex0.05)	Clerical hours per year (G=Ex0.10)	Total cost per year (\$) <sup>b</sup>
732	732	36.6	73.2	\$98,750.83
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
586	9,370	468	937	\$1,264,010.57
146	4,685	234	468	\$632,005.29
		<b>17,004</b>		<b>\$1,994,767</b>
732	133,590	6,680	13,359	\$18,022,025.75
		<b>153,629</b>		<b>\$18,022,026</b>
		<b>171,000</b>		<b>\$20,000,000</b>
				<b>\$11,000,000</b>
				<b>\$31,000,000</b>

responses hr/response  
1,756      97

ecome subject to the rule over the three-year period of this ICR.

ese rates are from the United States Department of Labor, Bureau of Labor Statistics, March 2020, "Table 2. Civilian work

monitors.

ers, by occupational and industry group.” The rates are from column 1, “Total compensation.” The rates have been incre

ased by 110 percent to account for the benefit packages available to those employed by private industry.

**Table 2: Average Annual EPA Burden and Cost – NSPS for Electric Utility Steam Generating Units (40**

Burden Item	(A)	(B)	(C)
	Technical person-hours per occurrence	No. of occurrences per respondent per year	Technical person-hours per respondent per year (C=AxB)
Performance tests			
New plants	24	1.2	28.8
Review startup report <sup>c</sup>	40	1.2	48
Report Review			
Notification of construction/reconstruction	2	1	2
Notification of actual startup	0.5	1	0.5
Notification of initial test	0.5	1.2	0.6
Notification of CMS demonstration	0.5	1	0.5
Review excess emissions reports			
Semiannual <sup>d</sup>	8	2	16
Quarterly <sup>e</sup>	8	4	32
<b>TOTAL (rounded) <sup>f</sup></b>			

**Assumptions:**

- <sup>a</sup> We have assumed that there are an average of 732 existing respondents subject to the rule and no new sources
- <sup>b</sup> This ICR uses the following labor rates: \$50.72 for technical, \$68.37 for managerial, and \$27.46 for clerical labor
- <sup>c</sup> We have assumed that it will take 40 hours to review each startup report.
- <sup>d</sup> We have assumed that it will take 8 hours two times per year to review each semiannual report.
- <sup>e</sup> We have assumed that it will take 8 hours four times per year to review each the quarterly report.
- <sup>f</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

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50.72

68.37

27.46

<--Update Rates

(D)	(E)	(F)	(G)	(H)
Respondents per year <sup>a</sup>	Technical hours per year (E=CxD)	Management hours per year (F=Ex0.05)	Clerical hours per year (G=Ex0.10)	Total cost per year (\$) <sup>b</sup>
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
586	9,370	468.48	936.96	\$532,985.01
146	4,685	234.24	468.48	\$266,492.51
		<b>16,200</b>		<b>\$799,000</b>

that will become subject to the rule over the three-year period of this ICR.

por. These rates are from the Office of Personnel Management (OPM) 2020 General Schedule, which excludes localit



y rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government

employees.

**Capital/Startup vs. Operation and Maintenance (O&M) Costs**

(A)	(B)	(C)	(D)	(E)	(F)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)	Annual O&M Costs for One Respondent	Number of Respondents with O&M
SO <sub>2</sub> , PM, and NO <sub>x</sub>	\$200,000	0	\$0	\$15,000	732
<b>Total (rounded)</b>			<b>\$0</b>		

<b>Costs</b>
(G)
Total O&M,
(E X F)
\$10,980,000
<b>\$11,000,000</b>

## Total Annual Responses

(A)	(B)	(C)	(D)	(E)
Information Collection Activity	Number of Respondents	Number of Responses	Number of Existing Respondents That Keep Records But Do Not Submit Reports	Total Annual Responses E=(BxC)+D
Notification of construction/ reconstruction	0	1	0	0
Notification of actual startup	0	1	0	0
Notify of initial performance test	0	1.2	0	0
Notification of demonstration of CMS	0	1	0	0
Semiannual report	586	2	0	1,172
Quarterly report	146	4	0	584
			<b>Total</b>	<b>1,756</b>

**Number of Respondents**

	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports		
	(A)	(B)	(C)	(D)	(E)
Year	Number of New Respondents <sup>1</sup>	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports	Number of Existing Respondents That Are Also New Respondents	Number of Respondents
					(E=A+B+C-D)
1	0	732	0	0	732
2	0	732	0	0	732
3	0	732	0	0	732
Average	0	732	0	0	732