

ICR Summary Information

Hours per Response	306
Number of Respondents	356
Total Estimated Burden Hours	241,000
Total Estimated Costs	\$51,700,000
Annualized Capital O&M	\$21,300,000
Total Annual Responses	787
Form Number	Not Applicable

Table 1: Annual Respondent Burden and Cost – NSPS for Small Industrial-Commercial-Institu

Burden Item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting requirements				
A. Familiarize with the regulatory requirements ^c	2	1	2	356
B. Required activities				
Performance test (2.9 - 8.7 MW) ^d	8	2	16	7
Performance test (8.7 – 29 MW) ^e	330	2	660	4
C. Create information	See 3B			
D. Gather existing information	See 3E			
E. Write report				
Notification of construction/reconstruction ^{d, f}	2	1.7	3.4	4
Notification of modification ^{e, f}	2	1.7	3.4	7
Notification of actual startup ^f	2	1.7	3.4	11
Notification of initial performance test ^f	2	1.7	3.4	11
Notification of demo of CEMS ^{f, h}	2	1.7	3.4	11
Semiannual reports ^g	16	2	32	356
Results of performance test	See 3B			
Subtotal for Reporting Requirements				
4. Recordkeeping requirements	See 3A			
A. Familiarize with the regulatory requirements	N/A			
B. Plan activities	N/A			
C. Implement activities	N/A			
D. Develop record system	1.5	365	547.5	356
E. Check computer system, calibrate continuous monitors	N/A			
F. Train personnel	N/A			
G. Audits				
Subtotal for Recordkeeping Requirements				
Total Labor Burden and Costs (rounded) ⁱ				
Total Capital and O&M Cost (rounded) ⁱ				
GRAND TOTAL (rounded) ⁱ				

Assumptions:

^a We have assumed that the average number of existing respondents that will be subject to the rule will be 345. There will be the rule over the three-year period of this ICR, for a total of 356 respondents.

^b This ICR uses the following labor rates: Managerial \$163.17 (\$77.70+ 110%); Technical \$130.28 (562.04 + 110%); and States Department of Labor, Bureau of Labor Statistics, September 2022, “Table 2. Civilian Workers, by occupational and compensation.” The rates have been increased by 110 percent to account for varying industry wage rates and the additional wages and benefits, including business expenses associated with hiring, training, and equipping their employees.

^c We have assumed that existing respondents will have to familiarize with the regulatory requirements each year.

- ^d We have assumed that four new respondents will each take two hours to write notification of construction/reconstruction.
- ^e We have assumed that seven new respondents will each take two hours to write notification of modification report.
- ^f We have assumed that occurrences/respondents for new facilities are based on an average of 1.7 affected facilities per re:
- ^g We have assumed that all new respondents will each take 16 hours to write the semiannual report two times per year.
- ^h This estimate includes performance test (opacity) for coal, wood, and oil-fired steam generating units and test of continu
- ⁱ Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

ditional Steam Generating Units (40 CFR Part 60, Subpart Dc) (Renewal)

(E) Technical person- hours per year (E=CxD)	(F) Management person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Cost, \$ ^b
712	35.6	71.2	\$103,246.76
112	5.6	11.2	\$16,241.06
2,640	132	264	\$382,825.08
13.6	0.68	1.36	\$1,972.13
23.8	1.19	2.38	\$3,451.23
37.4	1.87	3.74	\$5,423.36
37.4	1.87	3.74	\$5,423.36
37.4	1.87	3.74	\$5,423.36
11,392	570	1,139	\$1,651,948.22
17,256			\$2,175,955
194,910	9,746	19,491	\$28,263,801.65
224,147			\$28,263,802
241,000			\$30,400,000
			\$21,300,000
			\$51,700,000

Labor Rates	
Management	\$163.17
Technical	\$130.28
Clerical	\$65.71

306 hr/response

l be 11 additional new sources per year that will become subject to

Clerical \$65.71 (\$31.29 + 110%). These rates are from the United l industry group.” The rates are from column 1, “Total l overhead business costs of employing workers beyond their

1 report.

spondent, with an estimated 10 percent retest.

ous emissions monitor.

Table 2: Average Annual EPA Burden and Cost – NSPS for Small Industrial-Commercial-I

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a
Review of notification of construction/ reconstruction ^c	2	1.7	3.4	4
Review of notification of modification ^c	2	1.7	3.4	7
Review of notification of actual startup ^c	2	1.7	3.4	11
Review of initial CEMS demonstration ^c	2	1.7	3.4	11
Review of demonstration of monitoring system ^c	2	1.7	3.4	11
Review of semiannual reports ^d	8	2	16	356
TOTAL (rounded) ^e				

Assumptions:

^a We have assumed that the average number of existing respondents that will be subject to the rule will be 345. There will be 345 respondents subject to the rule over the three-year period of this ICR, for a total of 356 respondents.

^b This cost is based on the average hourly labor rate as follows: Managerial \$73.46 (GS-13, Step 5, \$45.91 + 60%); Professional \$29.50 (GS-6, Step 3, \$18.44 + 60%). These rates are from the Office of Personnel Management (OPM), 2023 General Schedule rates, which have been increased by 60 percent to account for the benefit packages available to government employees.

^c We have assumed that occurrences/respondent for new facilities are based on an average of 1.7 affected facilities per respondent.

^d We have assumed that it will take 8 hours two times per year to review each semiannual report.

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

Institutional Steam Generating Units (40 CFR Part 60, Subpart Dc) (Renewal)

(E) Technical person- hours per year (E=CxD)	(F) Management person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Cost, \$ ^b
13.6	0.68	1.36	\$831.41
23.8	1.19	2.38	\$1,454.97
37.4	1.87	3.74	\$2,286
37.4	1.87	3.74	\$2,286.37
37.4	1.87	3.74	\$2,286.37
5696	284.8	569.6	\$348,213.57
6,720			\$357,000

Labor Rates	
Management	\$73.46
Technical	\$54.51
Clerical	\$29.50

There will be 11 additional new sources per year that will become

Technical \$54.51 (GS-12, Step 1, \$34.07 + 60%); and Clerical
Federal Schedule, which excludes locality rates of pay. The rates have

been determined by the

Capital/Startup vs. Operation and Maintenance (O&M) Costs				
(A)	(B)	(C)	(D)	(E)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent ^c	Number of New Respondents ^{a, b}	Total Capital/Startup Cost, (B X C)	Annual O&M Costs for One Respondent ^c
SO₂ Monitoring				
CEMS, control device inlet and outlet ^a	\$176,420	0	\$0	\$40,225
CEMS, control device outlet only ^a	\$113,420	19	\$2,154,979	\$26,558
PM Monitoring				
COMS for sources burning coal, residual oil, or wood ^b	\$73,047	7	\$511,329	\$14,133
Totals (rounded) ^d			\$2,670,000	

^a Number of respondents with O&M (575 units) represents an annual average of 356 existing facilities, multiplied by an affected facility, less an annual average of 31 units requiring inlet and outlet monitoring [$356 \times 1.7 = 605.2 - 31 = 574.2$, rounded to 575 units]. Number of respondents with capital costs (19 units) represents an average of 11 new facilities per year, multiplied by an average of 1.7 affected units per facility [rounded to 19 units].

^b Number of respondents with O&M (147 units) represents an annual average of 142.4 existing affected facilities that require COMS, multiplied by an average of 1.7 affected units per facility [$142.4 \times 1.7 = 242.08$, rounded to 242 units]. Number of respondents with capital costs (7 units) represents an average of 4.4 new affected facilities per year that require COMS [$142.4/356 \times 11 = 4.4$ new affected facilities per year that require COMS].

^c Costs have been increased from 2007 to 2022 \$ using the CEPCI Equipment Cost Index.

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

(F)	(G)
Number of Respondents with O&M^{a, b}	Total O&M, (E X F)
31	\$1,246,986
574	\$15,244,321
147	\$2,077,585
	\$18,600,000

New SO2 Monitoring	Old SO2 Monitoring
356.0	323.0
574.2	521.1
30.8	27.9
142.4	129.2

\$21,300,000

average of 1.7 affected units per
 l to 574 units]. Number of respondents
 units per facility [11 x 1.7 = 18.7,

quire COMS, plus an average of 4.4
)MS; 142.4 + 4.4 = 146.8, rounded to
 ffected facilities per year that require

New PM Monitoring

Old PM Monitoring

2.5	2.5
142.4	129.2
4.4	4.4
146.8	133.6

2007 CEPCI

2022 CEPCI

525.4	816
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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 $E=(B \times C)+D$
Notification of construction/reconstruction	4	1.7	0	6.8
Notification of modification	7	1.7	0	11.9
Notification of actual startup	11	1.7	0	18.7
Notification of initial performance test	11	1.7	0	18.7
Notifications of CEMS demonstration	11	1.7	0	18.7
Semiannual compliance report	356	2	0	712
			Total	787

Number of Respondents			
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports
	(A)	(B)	(C)
Year	Number of New Respondents ^a	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports
1	11	334	0
2	11	345	0
3	11	356	0
Average	11	345	0

^a New respondents include sources with constructed and reconstructed affected facilities.

(D)	(E)
Number of Existing Respondents That Are Also New Respondents	Number of Respondents (E=A+B+C-D)
0	345
0	356
0	367
0	356