

**Table 1: Annual Respondent Burden and Cost – NSPS for Stationary Combustion Turbines (40 CI**

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 <sup>a</sup>	(E) Technical person- hours per year (E=CxD)	(F) Management person hours per year (F=Ex0.05)
1. Applications	N/A					
2. Surveys and studies	N/A					
3. Reporting requirements						
A. Familiarization with Regulatory Requirements <sup>c</sup>	4	1	4	730	2,920	146.0
B. Required activities						
- Performance test <sup>d</sup>	12	1	12	199	2,388	119.4
- Fuel sampling – dual fuel turbines <sup>e</sup>	0.5	52	26	106	2,756	137.8
- Fuel sampling – distillate oil only turbines <sup>f</sup>	0.5	5	2.5	7	17.5	0.88
C. Gather existing information	See 3D					
D. Write report						
Notification of construction/ reconstruction <sup>g, h</sup>	2	1	2	47	94	4.7
Notification of actual startup <sup>g, h</sup>	2	1	2	47	94	4.7
Notification of performance test <sup>d</sup>	2	1	2	199	398	19.9
Notification of demonstration of CEMS <sup>i</sup>	2	1	2	15	30	1.5
Initial notification of compliance <sup>g, h</sup>	2	1	2	47	94	4.7
Semiannual Compliance report <sup>j, k</sup>	8	2	16	730	11,680	584
<b>Subtotal for Reporting Requirements</b>						<b>23,542</b>
4. Recordkeeping requirements						
A. Familiarization with Regulatory Requirement <sup>c</sup>	See 3A					
B. Train personnel <sup>h</sup>	40	1	40	47	1,880	94
C. Continuous monitoring						
- Record information <sup>k, l</sup>	5	12	60	730	43,800	2,190
<b>Subtotal for Recordkeeping Requirements</b>						<b>52,532</b>
<b>TOTAL LABOR BURDEN AND COST (rounded)<sup>m</sup></b>						<b>76,100</b>
<b>Capital and O&amp;M Cost<sup>m</sup></b>						
<b>Grand Total<sup>m</sup></b>						

**Assumptions:**

- <sup>a</sup> We have assumed that there is an average of 730 sources currently subject to the regulations, including 683 existing respondents per year who will become subject to the standards. This ICR assumes the industry continues to grow at a constant
- <sup>b</sup> This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$117.92 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, July by Occupational and Industry group. The rates are from column 1, Total Compensation. The rates have been increased by 11 packages available to those employed by private industry.
- <sup>c</sup> We have assumed that it will take 4 hours for respondents to familiarize with regulatory requirements and that all sources will meet these requirements.
- <sup>d</sup> We have assumed that 199 respondents will each take 12 hours to conduct annual stack testing to demonstrate compliance with the standards.
- <sup>e</sup> We have assumed that 106 respondents will each take 0.5 hours 52 times per year to complete fuel sampling for the dual fuel systems.
- <sup>f</sup> We have assumed that seven respondents will each take 0.5 hours 5 times per year to complete the fuel sampling for the distillate fuel systems.
- <sup>g</sup> We have assumed that it will take each new respondent 2 hours to write notification report.
- <sup>h</sup> We have assumed that this is a one-time report for new respondents.
- <sup>i</sup> We have assumed that of the 47 new respondents each year, 15 of these respondents will write reports demonstrating CEMS.
- <sup>j</sup> We have assumed that each of the respondents will take 8 hours twice per year to write the compliance report.
- <sup>k</sup> The average number of existing respondents is 730.
- <sup>l</sup> We have assumed that it will take each respondent 5 hours twelve times per year to record information.
- <sup>m</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**FR Part 60, Subpart KKKK) (Renewal)**

<b>(G) Clerical person hours per year (G=Ex0.1)</b>	<b>(H) Total Cost per year, \$<sup>b</sup></b>
292.0	\$382,496.64
238.8	\$312,808.90
275.6	\$361,013.95
1.75	\$2,292.36
9.4	\$12,313.25
9.4	\$12,313.25
39.8	\$52,134.82
3	\$3,929.76
9.4	\$12,313.25
1168	\$1,529,986.56
	<b>\$2,681,603</b>
188	\$246,264.96
4,380	\$5,737,449.60
	<b>\$5,983,715</b>
	<b>\$8,670,000</b>
	<b>\$0</b>
	<b>\$8,670,000</b>

42 hr/response

lents, and an additional 47  
rate since the previous renewal.

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me 2018, Table 2. Civilian Workers,  
0 percent to account for the benefit

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with NOx emission limitation.

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compliance.

**Table 2: Average Annual EPA Burden and Cost – NSPS for Stationary Combustion Tu**

Activity	(A) EPA person- hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person- hours per plant per year (C=AxB)	(D) Plants per year <sup>a</sup>	(E) Technical person-hours per year (E=CxD)
Report Review					
1. Notification of construction/reconstruction <sup>c</sup>	1	1	1	47	47
2. Notification of actual startup <sup>d</sup>	0.5	1	0.5	47	23.5
3. Notification of performance test	2	1	2	199	398
4. Notification of demonstration of CEMS <sup>e</sup>	2	1	2	15	30
5. Initial notification of compliance	2	1	2	47	94
6. Semiannual compliance report <sup>f</sup>	2	1	2	730	1460
<b>TOTAL ANNUAL BURDEN AND COST (rounded)<sup>g</sup></b>					

**Assumptions:**

<sup>a</sup> We have assumed that there is an average of 730 sources currently subject to the regulations and an additional 40 sources. The ICR assumes the industry continues to grow at a constant rate since the previous renewal.

<sup>b</sup> This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for Managerial, \$48.75 for Technical, and \$26.38 Clerical. These rates are from the Office of Personnel Management and excludes locality rates of pay.

<sup>c</sup> We have assumed that new respondents will take one hour each to review the notification of construction/reconstruction.

<sup>d</sup> We have assumed that it will take 0.5 hours for new respondents to review the actual startup report.

<sup>e</sup> We have assumed that of the 47 new respondents, only 15 of these respondents will review the notification of demonstration of CEMS.

<sup>f</sup> We have assumed that it will take 2 hours once per year to review the compliance report.

<sup>g</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**irbines (40 CFR Part 60, Subpart KKKK)(Renewal)**

<b>(F) Management person-hours per year (F=Ex0.05)</b>	<b>(G) Clerical person-hours per year (G=Ex0.1)</b>	<b>(H) Cost, \$<sup>b</sup></b>
2.35	4.7	\$2,569.65
1.18	2.35	\$1,284.83
19.9	39.8	\$21,760.05
1.5	3	\$1,640.21
4.7	9.4	\$5,139.31
73	146	\$79,823.31
<b>2,360</b>		<b>\$112,000</b>

al 47 respondents per year will become subject.

: government overhead expenses: \$65.71 for  
ent (OPM) “2018 General Schedule” which

onstruction report.

f demonstration of CEMS report.

<b>Number of Respondents</b>				
	(A)	(B)	(C)	(D)
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
1	47	636	0	0
2	47	683	0	0
3	47	730	0	0
Average	47	683	0	0

(E)

Number of Respondents

(E=A+B+C-D)

683

730

777

730



2177.06

<b>Total Annual Responses</b>		
(A)	(B)	(C)
Information Collection Activity	Number of Respondents	Number of Responses
Notification of construction/reconstruction	47	1
Notification of actual startup	47	1
Notification of performance test	199	1
Notification of demonstration of CEMS	15	1
Initial notification of compliance	47	1
Semiannual compliance report	730	2

(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports	(E) Total Annual Responses  E=(BxC)+D
0	47
0	47
0	199
0	15
0	47
0	1460
Total	1,815