

ICR Summary Information

Hours per Response	15
Number of Respondents	280
Total Estimated Burden Hours	8,490
Total Estimated Costs	\$1,020,000
Annualized Capital O&M	\$37,100
Total Annual Responses	585
Form Number	5900-600

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (AxB)	(D) Respondents per year ^a	(E) Technical person-hours per year (Cx D)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting Requirements					
A. Familiarization with the regulatory requirements ^c	4	1	4	280	1120
B. Required Activities					
Initial CMS performance evaluation ^d	12	1	12	8	96
Performance test ^e	12	1	12	8	96
C. Create Information	See 3B				
D. Gather Existing Information	See 3B				
E. Write Report					
Initial notification ^f	2	1	2	8	16
Notification of construction/reconstruction ^g	2	1	2	8	16
Notification of actual startup ^g	2	1	2	8	16
Notification of performance test ^g	2	1	2	8	16
Notification of CMS performance evaluation ^g	2	1	2	8	16
Notification of compliance status ^g	2	1	2	8	16
Annual compliance report ^h	8	1	8	7	56
Semiannual compliance reports ⁱ	8	2	16	265	4240
Subtotal for Reporting Requirements					
4. Recordkeeping Requirements					
A. Familiarization with the regulatory requirements	See 3A				
B. Plan Activities	See 3B				
C. Implement Activities	See 3B				
D. Time to Enter Information					
Records of operating parameters ^j	0.5	12	6	280	1680
F. Train Personnel	N/A				
G. Audits	N/A				
Subtotal for Recordkeeping Requirements					
TOTAN ANNUAL BURDEN AND COST (rounded) ^k					
Capital and O&M Cost (see Section 6(b)(iii)): ^k					
TOTAL COST: ^k					

Assumptions:

^a. We estimate 8 new sources, comprising 8 gas-fired, and 0 landfill/digester gas-fired or oil-fired stationary comb this ICR. We also estimate 264 existing sources are subject, comprising 237 facilities with gas-fired turbines, 7 fac fired stationary combustion turbines. The March 9, 2022 final rule lifted the stay of effectiveness for existing gas-fi or before March 9, 2022.-

- b. This ICR uses the following labor rates: Managerial \$157.61 (\$75.05+ 110%); Technical \$123.94 (\$59.02 + 110%) (Source: U.S. States Department of Labor, Bureau of Labor Statistics, September 2021, “Table 2. Civilian Workers, by occupation and compensation.” The rates have been increased by 110 percent to account for varying industry wage rates and the cost of wages and benefits, including business expenses associated with hiring, training, and equipping their employees.
- c. We assume four hours are required to read instructions. This activity applies to existing and new sources in all subcategories.
- d. We assume 12 hours are required to complete the CMS performance evaluation. This activity only applies to new sources in subcategory 1.
- e. We assume 12 hours are required to complete the performance test. This activity only applies to new sources in subcategory 1.
- f. We assume two hours are required to prepare each notification. This activity applies to new sources in all subcategories.
- g. We assume two hours are required to prepare each notification. These activities only apply to new sources in subcategories 1 and 2.
- h. We assume eight hours are required to prepare annual compliance reports. This activity only applies to existing sources in subcategory 1.)
- i. We assume eight hours are required to prepare semiannual compliance reports. This activity only applies to existing sources in subcategory 1.)
- j. We assume one half-hour is required to record operating parameters. This activity applies to existing sources in subcategory 1.)
- k. Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

(F) Management person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost Per year ^b
56	112	\$154,642.82
4.8	9.6	\$13,255
4.8	9.6	\$13,255
0.8	1.6	\$2,209.18
0.8	1.6	\$2,209
0.8	1.6	\$2,209
0.8	1.6	\$2,209
0.8	1.6	\$2,209
0.8	1.6	\$2,209
0.8	1.6	\$2,209
2.8	5.6	\$7,732.14
212	424	\$585,433.55
6,560		\$787,573.81
84	168	\$231,964.24
1,932		\$231,964
8,490		\$1,020,000
		\$37,100
		\$1,060,000

Labor Rates	
Management	\$157.61
Technical	\$123.94
Clerical	\$62.52

237 gas-fired turbines
7 landfill gas/digester turbines
20 oil-fired turbines

15 hr per resp

ustion turbines, will become subject to the rule over the three-year period of facilities with landfill/digester gas-fired turbines, and 20 facilities with oil-fired sources, which were required to comply with the emission standards on

); and Clerical \$62.52 (\$29.77 + 110%). These rates are from the United
onal and industry group." The rates are from column 1, "Total
additional overhead business costs of employing workers beyond their

subcategories.

ew sources in the oil-fired and gas-fired turbine subcategories.

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e oil-fired and gas-fired turbine subcategories.

sources in the landfill/digester gas-fired turbine subcategory. (7 existing

sting sources in the oil-fired and gas-fired turbine subcategories.

all subcategories.

urbines

Activity	(A) EPA Hours per occurrence	(B) Number of occurrences per Year	(C) EPA Hours per Year (AxB)	(D) Plants per Year ^a	(E) Technical Hours per Year (CxD)
Initial notification ^c	2	1	2	8	16
Notification of construction/reconstruction ^d	2	1	2	8	16
Notification of actual startup ^d	2	1	2	8	16
Notification of performance test ^d	2	1	2	8	16
Notification of CMS performance evaluation ^d	2	1	2	8	16
Notification of compliance status ^e	18	1	18	8	144
Annual compliance report ^f	8	1	8	7	56
Semiannual compliance reports ^g	8	2	16	265	4240
TOTAL ANNUAL BURDEN AND COST (rounded)^h					

Assumptions:

^a We estimate 8 new sources, comprising 8 gas-fired, and 0 landfill/digester gas-fired or oil-fired stationary combustion sources of this ICR. We also estimate 264 existing sources are subject, comprising 237 facilities with gas-fired turbines and 27 existing stationary combustion turbines. The March 9, 2022 final rule lifted the stay of effectiveness for existing gas-fired or before March 9, 2022.-

^b This cost is based on the average hourly labor rate as follows: Managerial \$70.56 (GS-13, Step 5, \$44.10 + 60% Clerical \$28.34 (GS-6, Step 3, \$17.71 + 60%). This ICR assumes that Managerial hours are 5 percent of Technicians. These rates are from the Office of Personnel Management (OPM), 2022 General Schedule, which excludes local account for the benefit packages available to government employees.

^c We assume two hours are required to review each initial notification. This activity applies to new sources in the gas-fired, and 0 landfill/digester gas-fired turbines).

^d We assume two hours are required to review each notification. This activity only applies to new sources in the gas-fired, and 0 landfill/digester gas-fired turbines).

^e We assume that performance test and CMS performance evaluation reports will be submitted for review. A total of 18 hours will be required to review each compliance notification (2 hours), performance test report (8 hours), and CMS performance evaluation report (8 hours).

^f We assume eight hours are required to review each annual compliance report. This activity only applies to existing sources in the gas-fired subcategory (7 existing sources).

^g We assume eight hours are required to review each semiannual compliance report. This activity only applies to existing sources in the gas-fired subcategories.

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

(F) Managerial Hours per Year (Ex0.05)	(G) Clerical Hours per Year (Ex0.10)	(H) Total cost per year, \$ ^b
0.8	1.6	\$939.71
0.8	1.6	\$940
0.8	1.6	\$940
0.8	1.6	\$940
0.8	1.6	\$940
7.2	14.4	\$8,457
2.8	5.6	\$3,288.99
212	424	\$249,023.68
5,200		\$265,000

Labor Rates	
Management	\$70.56
Technical	\$52.37
Clerical	\$28.34

mbustion turbines, will become subject to the rule over the three-year period
; 7 facilities with landfill/digester gas-fired turbines, and 20 facilities with oil-
s-fired sources, which were required to comply with the emission standards on

0%); Technical \$52.37 (GS-12, Step 1, \$32.73 + 60%); and
ical hours, and Clerical hours are 10 percent of Technical hours.
ality, rates of pay. The rates have been increased by 60 percent to

all subcategories (i.e., 8 new sources comprising 8 gas-fired, 0 oil-

he oil-fired and gas-fired turbine subcategories.

currently with the notification of compliance status, and that a
ours), and performance evaluation report (8 hours).

xisting sources in the landfill/digester gas-fired turbine

; to existing sources in the oil-fired and gas-fired turbine

Total Annual Responses

(A) Information Collection Activity	(B) Number of Respondents	(C) Number of Responses	(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports	(E) Total Annual Responses E=(BxC)+D
<i>Landfill/Digester Gas-Fired Stationary Combustion Turbine Subcategory</i>				
Initial notification	0	1	0	0
Annual compliance report ^a	7	1	0	7
Subtotal				7
<i>Oil-Fired and Gas-Fired Stationary Combustion Turbine Subcategories</i>				
Initial notification	8	1	0	8
Notification of construction/reconstruction	8	1	0	8
Notification of actual startup	8	1	0	8
Notification of performance test	8	1	0	8
Notification of CMS performance evaluation	8	1	0	8
Notification of compliance status	8	1	0	8
Semiannual compliance report ^b	265	2	0	530
Subtotal				578
TOTAL				585

^a This activity applies to new and existing landfill/digester gas-fired sources.

^b This activity applies to new and existing oil-fired and gas-fired sources.

Number of Respondents					
Year	(A) Number of New Respondents ^a	(B) Number of Existing Respondents	(C) Number of Existing Respondents that keep records but do not submit reports	(D) Number of Existing Respondents That Are Also New Respondents	(E) Number of Respondents (E=A+B+C-D)
<i>Gas-Fired Stationary Combustion Turbine Subcategories</i>					
1	8	237	0	0	245
2	8	245	0	0	253
3	8	253	0	0	261
Average	8	245	0	0	253
<i>Landfill/Digester Gas-Fired Stationary Combustion Turbine Subcategory</i>					
1	0	7	0	0	7
2	0	7	0	0	7
3	0	7	0	0	7
Average	0	7	0	0	7
<i>Oil-Fired Stationary Combustion Turbine Subcategories</i>					
1	0	20	0	0	20
2	0	20	0	0	20
3	0	20	0	0	20
Average	0	20	0	0	20
TOTAL	8	272	0	0	280

^a New respondents include sources with affected facilities constructed or reconstructed after January 14, 2003.

Capital/Startup vs. Operation and Maintenance (O&M) Costs						
(A)	(B)	(C)	(D)	(E)	(F)	(G)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent ^a	Number of New Respondents ^b	Total Capital/Startup Cost, (B X C)	Annual O&M Costs for One Respondent ^c	Number of Respondents with O&M	Total O&M, (E X F)
Catalyst inlet temperature	\$4,642	8	\$37,100	0	265	\$0

^a We estimate a total capital startup cost of \$4,642 per respondent, which comprises a purchase cost of \$500 and \$4,142. The installation cost assumes 30 technical, 1.5 managerial, and 3 clerical hours at a labor rate of \$123.94, respectively. As described previously, these rates are based on figures from the United States Department of Labor increased by 110 percent to account for private industry benefit packages.

^b At present, only oil-fired and gas-fired subcategories are required to install, operate, and maintain continuous monitoring devices.

^c No annual O&M costs are shown because we expect the catalyst inlet temperature monitor to be maintenance-free.

\$37,100

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, \$157.61, and \$62.52,
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monitoring devices.
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