

**SUPPORTING STATEMENT
ENVIRONMENTAL PROTECTION AGENCY**

**NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK)
(Renewal)**

1. Identification of the Information Collection

1(a) Title of the Information Collection

NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal)

1(b) Short Characterization/Abstract

The New Source Performance Standards (NSPS) for Stationary Source Combustion Turbines (40 CFR part 60, subpart KKKK), were proposed on February 18, 2005, and promulgated on July 6, 2006. The standards apply to stationary combustion turbines with a heat input at peak load equal to or greater than 10.7 gigajoules (10 MMMBtu) per hour, based on the higher heating value of the fuel, which commenced construction, modification or reconstruction after February 18, 2005. The pollutants regulated by this subpart are nitrogen oxide (NO_x) and sulfur dioxide (SO₂). This information is being collected to assure compliance with 40 CFR part 60, subpart KKKK.

Owners or operators of stationary source combustion turbines are required to submit an initial notification of compliance report. In addition, owners or operators are required to submit stack tests, continuous emission monitoring, performance tests and periodic reports. Owners or operators are also required to maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility, or any period during which the monitoring system is inoperative. These notifications, reports, and records are essential in determining compliance, and are required of all affected facilities subject to NSPS. Semiannual reports are also required.

Owners or operators of stationary source combustion turbines are required to maintain a file of these measurements, and retain the file for at least two years following the date of such measurements, maintenance reports, and records. All reports are sent to the delegated state or local authority. In the event that there is no such delegated authority, the reports are sent directly to the United States Environmental Protection Agency (EPA) regional office.

Based on our consultations with industry representatives, there is an average of one affected facility at each plant site and that each plant site has only one respondent (i.e., the owner/operator or manufacturer of the plant site).

All of the stationary source combustion turbines facilities in the United States are owned and operated by the stationary source combustion turbines industry (the "Affected Public"). They are all privately, owned for-profit businesses. The burden to the "Affected Public" is listed below in Table 1: Annual Industry Burden and Cost – NSPS for Stationary Source Combustion

Turbines (40 CFR Part 60, Subpart KKKK) (Renewal). The Federal government burden associated with the review of reports submitted by the respondent is shown below in Table 2: Average Annual EPA Burden – NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal).

The Office of Management and Budget (OMB) approved the currently active Information Collection Request (ICR) without any “Terms of Clearance.”

2. Need for and Use of the Collection

2(a) Need/Authority for the Collection

The EPA is charged under section 111 of the Clean Air Act (CAA), as amended, to establish standards of performance for new stationary sources that reflect:

. . . application of the best technological system of continuous emissions reduction which (taking into consideration the cost of achieving such emissions reduction, or any non-air quality health and environmental impact and energy requirements) the Administrator determines has been adequately demonstrated. Section 111(a)(1).

The Agency refers to this charge as selecting the best demonstrated technology (BDT). Section 111 also requires that the Administrator review and, if appropriate, revise such standards every four years.

In addition, section 114(a) states that the Administrator may require any owner/operator subject to any requirement of this Act to:

(A) Establish and maintain such records; (B) make such reports; (C) install, use, and maintain such monitoring equipment, and use such audit procedures, or methods; (D) sample such emissions (in accordance with such procedures or methods, at such locations, at such intervals, during such periods, and in such manner as the Administrator shall prescribe); (E) keep records on control equipment parameters, production variables or other indirect data when direct monitoring of emissions is impractical; (F) submit compliance certifications in accordance with Section 114(a)(3); and (G) provide such other information as the Administrator may reasonably require.

In the Administrator's judgment, emissions from stationary source combustion turbines cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare. Therefore, the NSPS was promulgated for this source category at 40 CFR part 60, subpart KKKK.

2(b) Practical Utility/Users of the Data

The recordkeeping and reporting requirements in the standard ensure compliance with the applicable regulations which were promulgated in accordance with the Clean Air Act. In addition, the collected information is used for targeting inspections and as evidence in legal proceedings.

Performance tests are required in order to determine an affected facility's initial capability to comply with the emission standard. Continuous emission monitors are used to ensure compliance with the standard at all times. During the performance tests, a record of the operating parameters under which compliance was achieved may be recorded and used to determine compliance in place of a continuous emission monitor.

The notifications required in the standard are used to inform the Agency or delegated authority when a source becomes subject to the requirements of the regulations. The reviewing authority may then inspect the source to ensure that the pollution control devices are properly installed and operated, that leaks are being detected and repaired, and that the standards are being met. The performance test may also be observed.

3. Non-duplication, Consultations, and Other Collection Criteria

The requested recordkeeping and reporting are required under 40 CFR part 60, subpart KKKK.

3(a) Non-duplication

If the subject standards have not been delegated, the information is sent directly to the appropriate EPA regional office. Otherwise, the information is sent directly to the delegated state or local agency. If a state or local agency has adopted their own similar standards to implement the Federal standards, a copy of the report submitted to the state or local agency can be sent to the Administrator in lieu of the report required by the Federal standards. Therefore, no duplication exists.

3(b) Public Notice Required Prior to ICR Submission to OMB

An announcement of a public comment period for the renewal of this ICR was published in the Federal Register (74 FR 32580) on July 8, 2009. No comments were received on the burden published in the Federal Register.

3(c) Consultations

The Agency's industry experts have been consulted, and the Agency's internal data sources and projections of industry growth over the next three years have been considered. The primary source of information as reported by industry, in compliance with the recordkeeping and reporting provisions in the standard, is the Online Tracking Information System (OTIS) which is operated and maintained by the EPA Office of Compliance. OTIS is the EPA database for the

collection, maintenance, and retrieval of all compliance data. The growth rate for the industry is based on our consultations with the Agency's internal industry experts.

Industry trade associations and other interested parties were provided an opportunity to comment on the burden associated with the standard as it was being developed. We contacted the Western States Petroleum Association (WSPA) at (916) 498-7750, and the Engine Manufacturers Association (EMA) at (312) 827-8700.

It is our policy to respond after a thorough review of comments received since the last ICR renewal as well as those submitted in response to the first Federal Register notice.

3(d) Effects of Less Frequent Collection

Less frequent information collection would decrease the margin of assurance that facilities are continuing to meet the standards. Requirements for information gathering and recordkeeping are useful techniques to ensure that good operation and maintenance practices are applied and emission limitations are met. If the information required by these standards was collected less frequently, the proper operation and maintenance of control equipment and the possibility of detecting violations would be less likely.

3(e) General Guidelines

None of these reporting or recordkeeping requirements violate any of the regulations established by OMB at 5 CFR part 1320, section 1320.5.

These standards require the respondents to maintain all records, including reports and notifications for at least five years. This is consistent with the General Provisions as applied to the standards. EPA believes that the five-year records retention requirement is consistent with the Part 70 permit program and the five-year statute of limitations on which the permit program is based. The retention of records for five years allows EPA to establish the compliance history of a source, any pattern of non-compliance, and to determine the appropriate level of enforcement action. EPA has found that the most flagrant violators have violations extending beyond the five years. In addition, EPA would be prevented from pursuing the violators due to the destruction or nonexistence of essential records.

3(f) Confidentiality

Any information submitted to the Agency for which a claim of confidentiality is made will be safeguarded according to the Agency policies set forth in title 40, chapter 1, part 2, subpart B - Confidentiality of Business Information (CBI) (see 40 CFR 2; 41 FR 36902, September 1, 1976; amended by 43 FR 40000, September 8, 1978; 43 FR 42251, September 20, 1978; 44 FR 17674, March 23, 1979).

3(g) Sensitive Questions

None of the reporting or recordkeeping requirements contain sensitive questions.

4. The Respondents and the Information Requested

4(a) Respondents/SIC Codes

The respondents to the recordkeeping and reporting requirements are stationary source combustion turbines. The North American Industry Classification System (NAICS) code, are listed below for source category description.

Standard (40 CFR, part 60, subpart KKKK)	NAICS Codes
Electric Power Generation, Transmission and Distribution	2211
Pipeline Transportation of Natural Gas	486210
Crude Petroleum and Natural Gas Extraction	211111
Natural Gas Liquid Extraction	211112
Utilities	221

4(b) Information Requested

None of these reporting or recordkeeping requirements violate any of the regulations established by OMB at 5 CFR part 1320, section 1320.5.

(i) Data Items

In this ICR, all the data recorded or reported is required by NSPS for Stationary Source Combustion Turbines (40 CFR part 60, subpart KKKK).

A source must make the following reports:

Notifications	
Excess emission and monitoring performance report	60.7(c), 60.4375(a)
Report of the results of the performance test	60.8(a), 60.4375(b)

A source must keep the following records:

Recordkeeping	
Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a CMS or monitoring device is inoperative.	60.7(b)

Recordkeeping	
Maintain a file of all measurements, including CMS, monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records, except some CEMS sub-hourly measurements.	60.7(f)

Electronic Reporting

Some of the respondents are using monitoring equipment that automatically records parameter data. Although personnel at the affected facility must still evaluate the data, internal automation has significantly reduced the burden associated with monitoring and recordkeeping at a plant site.

Also, regulatory agencies in cooperation with the respondents continue to create reporting systems to transmit data electronically. However, electronic reporting systems are not widely used.

(ii) Respondent Activities

Respondent Activities
Read instructions.
Perform initial performance test, Reference Methods, 1, 2, 3A, 7E, 19, 20 tests, and repeat performance tests if necessary.
Write the notifications and reports listed above.
Enter information required to be recorded above.
Submit the required reports developing, acquiring, installing, and utilizing technology and systems for the purpose of collecting, validating, and verifying information.
Develop, acquire, install, and utilize technology and systems for the purpose of processing and maintaining information.
Develop, acquire, install, and utilize technology and systems for the purpose of disclosing and providing information.
Adjust the existing ways to comply with any previously applicable instructions and requirements.
Train personnel to be able to respond to a collection of information.
Transmit, or otherwise disclose the information.

Currently, sources are using monitoring equipment that provides parameter data in an automated way (e.g., continuous parameter monitoring system). Although personnel at the source still need to evaluate the data, this type of monitoring equipment has significantly reduced

the burden associated with monitoring and recordkeeping.

5. The Information Collected: Agency Activities, Collection Methodology, and Information Management

5(a) Agency Activities

EPA conducts the following activities in connection with the acquisition, analysis, storage, and distribution of the required information.

Agency Activities
Observe initial performance tests and repeat performance tests if necessary.
Review notifications and reports, including performance test reports, excess emissions reports, required to be submitted by industry.
Audit facility records.
Input, analyze, and maintain data in the OTIS.

5(b) Collection Methodology and Management

Following notification of startup, the reviewing authority might inspect the source to determine whether the pollution control devices are properly installed and operational. Performance test reports are used by the Agency to discern a source's initial capability to comply with the emission standard, and note the operating conditions under which compliance was achieved. Data and records maintained by the respondents are tabulated and published for use in compliance and enforcement programs.

Information contained in the reports is entered into OTIS which is operated and maintained by the EPA Office of Compliance. OTIS is the EPA database for the collection, maintenance, and retrieval of compliance data for approximately 125,000 industrial and government-owned facilities. EPA uses OTIS for tracking air pollution compliance and enforcement by local and state regulatory agencies, EPA regional offices, and EPA headquarters. EPA edit, store, retrieve and analyze the data.

The records required by this regulation must be retained by the owner or operator for two years.

5(c) Small Entity Flexibility

The majority of the respondents are large entities (i.e., large businesses). However, the impact on small entities (i.e., small businesses) was taken into consideration during the development of the regulation. Due to technical considerations involving the process operations and the types of control equipment employed, the recordkeeping and reporting requirements are the same for both small and large entities. The Agency considers these to be the minimum requirements needed to ensure compliance and, therefore, cannot reduce them further for small entities. To the extent that larger businesses can use economies of scale to reduce their burden,

the overall burden will be reduced.

5(d) Collection Schedule

The specific frequency for each information collection activity within this request is shown below in Table 1: Annual Respondent Burden - NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal).

6. Estimating the Burden and Cost of the Collection

Table 1 documents the computation of individual burdens for the recordkeeping and reporting requirements applicable to the industry for the subpart included in this ICR. The individual burdens are expressed under standardized headings believed to be consistent with the concept of burden under the Paperwork Reduction Act. Wherever appropriate, specific tasks and major assumptions have been identified. Responses to this information collection are mandatory.

The Agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB Control Number.

6(a) Estimating Respondent Burden

The average annual burden to industry over the next three years from these recordkeeping and reporting requirements is estimated to be 32,075 (Total Labor Hours from Table 1). This is based on Agency studies and background documents from the development of the regulation, Agency knowledge and experience with the NSPS program, the previously approved ICR, and any comments received.

6(b) Estimating Respondent Costs

(i) Estimating Labor Costs

This ICR uses the following labor rates:

Managerial	\$113.19 (\$53.90 + 110%)
Technical	\$96.73 (\$46.06 + 110%)
Clerical	\$45.93 (\$21.87 + 110%)

These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2008, Table 2. Civilian Workers, by Occupational and Industry group. The rates are from column 1, Total Compensation. The rates have been increased by 110 percent to account for the benefit packages available to those employed by private industry.

(ii) Estimating Capital/Startup and Operation and Maintenance Costs

The only costs to the regulated industry resulting from information collection activities required by the subject standard are labor costs. There are no capital/startup or operation and

maintenance costs.

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

The only type of industry costs associated with the information collection activity in the regulations is labor costs. There are no capital/startup or operation and maintenance costs.

6(c) Estimating Agency Burden and Cost

The only costs to the Agency are those costs associated with analysis of the reported information. The EPA compliance and enforcement program includes activities such as: the examination of records maintained by the respondents; periodic inspection of sources of emissions; and the publication and distribution of collected information.

The term Agency in the ICR refers to the designated Administrator of each state plan or to the United States EPA Administrator in the event that a state plan is not approved.

The average annual Agency cost during the three years of the ICR is estimated to be \$56,795.

This cost is based on the average hourly labor rate as follows:

Managerial	\$61.36 (GS-13, Step 5, \$38.35 + 60%)
Technical	\$45.52 (GS-12, Step 1, \$28.45 + 60%)
Clerical	\$24.64 (GS-6, Step 3, \$15.40 + 60%)

These rates are from the Office of Personnel Management (OPM) 2009 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees. Details upon which this estimate is based appear below in Table 2: Average Annual EPA Burden - NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal).

6(d) Estimating the Respondent Universe and Total Burden and Costs

Based on our research for this ICR, an average of 307 respondents will be subject to this standard in the next three years. This includes 260 existing respondents, and 47 new respondents per year.

The number of respondents is calculated using the following table which addresses the three years covered by this ICR.

Number of Respondents					
Year	(A) Number of New Respondents ¹	(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)
1	47	213	0	0	260
2	47	260	0	0	307
3	47	307	0	0	354
Average	47	260	0	0	307

¹ EPA estimated that there will be about 355 new stationary source combustion turbines installed in the United States over a five-year period. The previous ICR accounted for 71 units in each of the three years of the previous ICR for a total of 213 units. The remaining 142 units to be distributed over the three years of this renewal for an average of 47 (rounded) units per year ($142/3=47.3$).

The total number of annual responses per year is calculated using the following table:

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 $E=(B \times C)+D$
Notification of construction/reconstruction	47	1	0	47
Notification of actual startup	47	1	0	47
Notification of performance test	199	1	0	199
Notification of demonstration of CEMS	15	1	0	15
Initial notification of compliance	47	1	0	47
Compliance report	260	2	0	520
			Total	875

The number of Total Annual Responses is 875.

The total annual labor costs are \$2,983,850. Details regarding these estimates may be found below in Table 1: Annual Respondent Burden and Cost – NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal).

6(e) Bottom Line Burden Hours Burden Hours and Cost Tables

The detailed bottom line burden hours and cost calculations for the respondents and the Agency are shown in Tables 1 and 2, respectively, and summarized below.

(i) Respondent Tally

The total annual labor costs are \$2,983,850. Details regarding these estimates may be found below in Table 1: Annual Respondent Burden and Cost - NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal).

Furthermore, the annual public reporting and recordkeeping burden for this collection of information is estimated to average 37 (rounded) hours per response.

The total annual capital/startup and Operational and Maintenance (O&M) costs to the regulated entity are zero.

(ii) The Agency Tally

The average annual Agency burden and cost over the next three years is estimated to be 1,279 labor hours at a cost of \$56,795. See below Table 2: Annual Agency Burden and Cost - NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal).

6(f) Reasons for Change in Burden

There is an adjustment increase in the total estimated labor hour burden as currently identified in the OMB Inventory of Approved ICR Burdens because the required number of sources subject to this subpart is now fully implemented. It should be noted that the increase is not due to any program changes.

The previous ICR covered the initial phase of standard implementation which occurred over a three-year period. Hence, the average number of respondents during the initial phase is less than the number of respondents when the standard is fully implemented. This ICR shows the labor hour and cost burden after full implementation.

In the previous ICR burden was attributed to private sector, state governments and Federal government respondents. This was corrected in this ICR renewal as all of the respondent burden applies to only the private sector.

6(g) Burden Statement

The annual public reporting and recordkeeping burden for this collection of information is estimated to average 37 hours per response. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information.

An agency may not conduct or sponsor, and a person is not required to respond to, a

collection of information unless it displays a valid OMB Control Number. The OMB Control Numbers for EPA regulations are listed at 40 CFR part 9 and 48 CFR chapter 15.

To comment on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques, EPA has established a public docket for this ICR under Docket ID Number EPA-HQ-OECA-2009-0406. An electronic version of the public docket is available at <http://www.regulations.gov/> which may be used to obtain a copy of the draft collection of information, submit or view public comments, access the index listing of the content of the docket, and to access those documents in the public docket that are available electronically. When in the system, select "search" than key in the docket ID number identified in this document. The documents are also available for public viewing at the Enforcement and Compliance Docket and Information Center in the EPA Docket Center (EPA/DC), EPA West, Room 3334, 1301 Constitution Avenue, N.W., Washington, DC. The EPA Docket Center Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Reading Room is (202) 566-1744, and the telephone number for the Enforcement and Compliance Docket and Information Center Docket is (202) 566-1752. Also, you can send comments to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, N.W., Washington, DC 20503, Attention: Desk Officer for EPA. Please include the EPA Docket ID Number EPA-HQ-OECA-2009-0406 and OMB Control Number 2060-0582 in any correspondence.

Part B of the Supporting Statement

This part is not applicable because no statistical methods were used in collecting this information.

Table 1: Annual Respondent Burden and Cost – NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal)

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	(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) Total Cost Per year ^b
1. Applications	N/A							
2. Surveys and studies	N/A							
3. Reporting requirements								
A. Read instructions ^c	4	1	4	47	188	9.4	18.8	\$20,112.71
B. Required activities								
- Performance test ^d	12	1	12	199	2,388	119.4	238.8	\$255,474.21
- Fuel sampling – dual fuel turbines ^e	0.5	52	26	106	2,756	137.8	275.6	\$294,843.77
_f - Fuel sampling – distillate oil only turbines	0.5	5	3	7	21	1.05	2.1	\$2,246.63
C. Gather existing information	See 3D							
D. Write report								
_h Notification of construction/reconstruction ^g	2	1	2	47	94	4.7	9.4	\$10,056.35
Notification of actual startup ^{g, h}	2	1	2	47	94	4.7	9.4	\$10,056.35
Notification of performance test ^g	2	1	2	199	398	19.9	39.8	\$42,580.03
Notification of demonstration of CEMS ⁱ	2	1	2	15	30	1.5	3	\$3,209.47
Initial notification of compliance ^{g, h}	2	1	2	47	94	4.7	9.4	\$10,056.35
Compliance report ^{j, k}	8	2	16	260	4,160	208	416	\$445,047.20
Subtotal for Reporting Requirements						11,756.45		
4. Recordkeeping requirements								
A. Read instructions ^{h, l}	4	1	4	47	188	9.4	18.8	\$20,112.71
B. Train personnel ^h	40	1	40	47	1,880	94	188	\$201,127.20
C. Continuous monitoring								
- Record information ^{k, m}	5	12	60	260	15,600	780	1,560	\$1,668,927.00
Subtotal for Recordkeeping Requirements						20,318.2		
Subtotals labor burden and cost								\$2,983,849.98
TOTAL LABOR BURDEN AND COST (rounded)						32,074.65 32,075		\$2,983,850 (rounded)

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	(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) Total Cost Per year ^b
						(rounded)		

Assumptions:

^a We have assumed that there is an average of 307 sources currently subject to the regulations. It was established that there will be about 355 new stationary source combustion turbines installed in the United States over five years. The previous ICR accounted for 71 new turbines in each of the three years of the previous ICR, which is a total of 213 units. The remaining 142 units is to be distributed over the three years of this renewal for an average of 47 (rounded) units per year ($142/3=47.3$). The average number of existing respondents is, therefore, 260, and the average number of new respondents is 47.

^b This ICR uses the following labor rates: \$113.19 per hour for Executive, Administrative, and Managerial labor; \$96.73 per hour for Technical labor, and \$45.93 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2008, Table 2. Civilian Workers, by Occupational and Industry group. The rates are from column 1, Total Compensation. The rates have been increased by 110 percent to account for the benefit packages available to those employed by private industry.

^c We have assumed that it will take 4 hours for respondents to read instructions.

^d We have assumed that 199 respondents will each take 12 hours to conduct annual stack testing to demonstrate compliance with NOx emission limitation.

^e We have assumed that 106 respondents will each take 0.5 hours at 52 times per year to complete fuel sampling for the dual fuel turbines.

^f We have assumed that seven respondent will each take 0.5 hours 5 times per year to complete the fuel sampling for the distillate oil only turbines.

^g We have assumed that it will take each respondent 2 hours to write notification report.

^h We have assumed that this is a one-time report for new respondents.

ⁱ We have assumed that of the 47 new respondents each year, 15 of these respondents will write reports demonstrating CEMS compliance.

^j We have assumed that each of the respondents will take 8 hours twice per year to write the compliance report.

^k The total number of respondents is: 213 from the 3 years of the previous ICR ($71 \times 3 = 213$) and an additional 71 new respondents for each of the remaining two years ($71 \times 2 = 142$), then averaged over three years of this renewal ICR ($142/3 = 47$) for a total of 260 respondents.

^l We have assumed that it will take each respondent 4 hours to read instructions.

^m We have assumed that it will take each respondent 5 hours twelve times per year to record information.

Table 2: Average Annual Designated Administrator Burden – NSPS for Stationary Source Combustion Turbines (40 CFR Part 60, Subpart KKKK) (Renewal)

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 ^a	(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
Report Review								
1. Notification of construction/reconstruction ^c	1	1	1	47	47	2.35	4.7	\$2,399.45
2. Notification of actual startup ^d	0.5	1	0.5	47	23.5	1.17	2.35	\$1,199.41
3. Notification of performance test	2	1	2	199	398	19.9	39.8	\$20,318.69
4. Notification of demonstration of CEMS ^e	2	1	2	15	30	1.5	3	\$1,531.56
5. Initial notification of compliance	2	1	2	47	94	4.7	9.4	\$4,798.89
6. Compliance report ^f	2	1	2	260	520	26	52	\$26,547.04
Subtotals Labor Burden and cost					1,112.5	55.62	111.25	\$56,795.04
TOTAL ANNUAL BURDEN AND COST (rounded)						1,279.37 1,279 (rounded)		\$56,795

Assumptions:

^a We have assumed that there is an average of 307 sources currently subject to the regulations. It was established that there will be about 355 new stationary source combustion turbines installed in the United States over five years. The previous ICR accounted for 71 new turbines in each of the three years of the previous ICR, which is a total of 213 units. The remaining 142 units is to be distributed over the three years of this renewal for an average of 47 (rounded) units per year (142/3=47.3). The average number of existing respondents is, therefore, 260, and the average number of new respondents is 47.

^b This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: \$61.36 for Managerial (GS-13, Step 5, \$38.35 x 1.6), \$45.52 for Technical (GS-12, Step 1, \$28.45 x 1.6) and \$24.64 Clerical (GS-6, Step 3, \$15.40 x 1.6). These rates are from the Office of Personnel Management (OPM) A2008 General Schedule© which excludes locality rates of pay.

- ^c We have assumed that each respondent will take one hour each to review the notification of construction/reconstruction report.
- ^d We have assumed that it will take 0.5 hours for each respondent to review the actual startup report.
- ^e We have assumed that of the 47 new respondents, only 15 of these respondents will review the notification of demonstration of CEMS report.
- ^f We have assumed that it will take 2 hours once per year to review the compliance report.