# SUPPORTING STATEMENT FOR INFORMATION COLLECTION REQUEST NUMBER 1772.04 "INFORMATION COLLECTION ACTIVITIES ASSOCIATED WITH EPA'S ENERGY STAR® PROGRAM IN THE COMMERCIAL AND INDUSTRIAL SECTORS"

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## 1. IDENTIFICATION OF THE INFORMATION COLLECTION

## **1(a)** Title and Number of the Information Collection

This ICR is entitled "Information Collection Activities Associated with EPA's ENERGY STAR Program in the Commercial and Industrial Sectors," EPA ICR number 1772.04, OMB Control Number 2060-0347.

## **1(b)** Short Characterization or Abstract

The U.S. Environmental Protection Agency (EPA) created ENERGY STAR as a voluntary program to help businesses and individuals protect the environment through superior energy efficiency. The Program focuses on reducing utility-generated emissions by reducing the demand for energy. In 1991, EPA launched the Green Lights program to encourage corporations, State and local governments, colleges and universities, and other organizations to adopt energy-efficient lighting as a profitable means of preventing pollution and improving lighting quality. Since then, EPA has rolled Green Lights into ENERGY STAR and expanded ENERGY STAR to encompass organization-wide energy performance improvement, such as building technology upgrades, product purchasing initiatives, and employee training. At the same time, EPA has streamlined the reporting requirements of ENERGY STAR and focused on providing incentives for improvements (e.g., ENERGY STAR Awards Program). EPA also makes tools and other resources available over the Web to help the public overcome the barriers to evaluating their energy performance and investing in profitable improvements.

This ICR examines the information collections under the ENERGY STAR Program in the commercial and industrial sectors. Sections 1 through 5 of this document describe the collections (e.g., from the standpoint of need and use/utility of the information collected). The sections also describe respondent and Agency activities. In Section 6, EPA estimates the total annual hour and cost burden to respondents and the Agency under the collections.

## ENERGY STAR IN THE COMMERCIAL AND INDUSTRIAL SECTORS

The ENERGY STAR Program consists of the following participant groups:

- Commercial and Industrial (C&I) Sector Partners. This participant group includes businesses and other organizations in such fields as commercial and corporate real estate, education, government, healthcare, hospitality, manufacturing, industry, and retail. Partners make a corporate commitment to achieving energy efficiency in their buildings.
- Service and Product Provider (SPP) Partners. This participant group includes companies interested in providing energy efficient products and services in the commercial and industrial markets. This group includes architects and A/E firms, banks and commercial financial lenders, contractors, distributors, energy management services companies/consultants, energy service companies (ESCOs),

engineers, equipment manufacturers, unregulated energy retailers and marketers, or any other supplier of energy-efficient products and/or services.

• Energy Efficiency Program Sponsor (EEPS) Partners. This participant group includes regulated utilities, publicly owned utilities, and energy delivery companies; national, regional, State, or local government entities or other organizations involved in coordinating and/or administering energy-efficiency or environmental education programs that promote ENERGY STAR, including ENERGY STAR labeled commercial and industrial buildings.

In addition, Partners, State and local government entities, associations, and any other interested party can help EPA promote energy efficiency. For example, Partners and other interested parties can benchmark individual buildings by using EPA's on-line benchmarking tool, Portfolio Manager, and apply for the ENERGY STAR. If they can demonstrate and verify that an individual building meets the criteria for qualifying for the ENERGY STAR, they will receive an ENERGY STAR plaque that they can display on the building. Under the ENERGY STAR Challenge, EPA also works with governments, associations and non-profit organizations to encourage their members and/or constituents to leverage the ENERGY STAR platform to improve the energy efficiency of their buildings by 10 percent or more. Small businesses and congregations can also sign up to work with ENERGY STAR.

The following paragraphs describe the information collections applicable to these groups.

# JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

Organizations interested in joining ENERGY STAR may be asked to submit a Letter or Agreement describing their commitment to promoting energy efficiency. They also may be asked or encouraged to undertake related activities, as described below.

## **Commercial and Industrial Sector Partners**

In order to join ENERGY STAR, organizations in the commercial and industrial sectors are asked to complete and submit a Partnership Letter to EPA. These Partners agree to baseline, track, and benchmark their organization's energy performance by using tools such as those offered by ENERGY STAR; develop and implement a plan to reduce energy intensity across their facilities and operations by following the energy management strategy provided through ENERGY STAR; and educate their staff and the public about their Partnership in ENERGY STAR, and highlight their achievements with recognition offered through ENERGY STAR.

#### Service and Product Providers

SPPs interested in joining ENERGY STAR complete and submit a Partnership Agreement to EPA. The SPPs commit to promote and use ENERGY STAR in a manner consistent with the national ENERGY STAR efforts and specifically agree to follow all applicable terms and conditions governing the use of the ENERGY STAR logos, which are registered trade and service marks. SPPs also commit to communicate to ENERGY STAR their efforts to help customers develop a continuous improvement strategy for energy management; improve the energy performance of their customers' building portfolios and/or manufacturing facilities; promote overall awareness of ENERGY STAR; and, increase availability of ENERGY STAR qualified products or buildings. SPPs will be asked to complete a Service and Product Provider Company Profile when they join. On an annual basis, they will be asked to update company and contact information displayed on the ENERGY STAR Web site and in the directory.

In delivering services and/or products, when appropriate, SPPs agree to include ENERGY STAR tools, messages and Guidelines for Energy Management (e.g., to help customers measure their energy performance, quantify the financial value of improvements across their organization, set targets, take action and promote their accomplishments). SPPs also agree to recognize their customers' accomplishments (e.g., by documenting success stories and case studies).

#### **Energy Efficiency Program Sponsors**

EEPS interested in joining ENERGY STAR are asked to complete and submit a Partnership Agreement. They commit to promote and use ENERGY STAR in a manner consistent with the national ENERGY STAR efforts and specifically agree to follow all applicable terms and conditions governing the use of the ENERGY STAR logos, which are registered trade and service marks. They also commit to submit and periodically update a brief plan outlining the key activities they intend to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets. They will be asked on an annual basis to update organization and contact information displayed on the ENERGY STAR Web site and the Directory of Energy Efficiency Programs (DEEP).

If promoting ENERGY STAR in the commercial market, the EEPS agree to collaborate with ENERGY STAR to improve the energy performance of their customers' buildings and portfolios. If promoting ENERGY STAR in the industrial market, the EEPS agree to collaborate with ENERGY STAR to assist industry in adopting a continuous improvement strategy for corporate-wide energy management.

# Small Business and Congregations Network

A small business or congregation may join the Network of small businesses and congregations working with ENERGY STAR. To join, they would provide requested information at EPA's ENERGY STAR Web site. They would pledge to buy ENERGY STAR equipment and upgrade the energy efficiency of their facilities whenever financially viable. As part of the Network, they may use the ENERGY STAR promotional mark in accordance with the ENERGY STAR identity guidelines.

## **ENERGY STAR Challenge**

The ENERGY STAR Challenge is a call to action for businesses and institutions to improve the energy efficiency of their buildings by 10 percent or more. Under the Challenge, EPA works with governments, associations and non-profit organizations to encourage their members and/or constituents to leverage the ENERGY STAR platform to improve the energy efficiency of their buildings.

Governments, associations or non-profit organizations may choose to participate in the Challenge and work with their members/constituents by submitting an on-line sign-up form. EPA then sends a tool kit to participants to provide them with specific methods/materials to share with their members on how to carry out the Challenge.

After receiving the tool kit, Challenge participants would provide to EPA a summary of activities they plan to implement to promote the Challenge and educate their members/constituents.

#### BENCHMARKING

Assessing energy use is a critical component of the ENERGY STAR Program and guidance provided by EPA to partners. EPA provides tools to track, measure and compare energy use for a range of building types and facilities. Portfolio Manager is the primary tool for undertaking these activities and is available on-line, although for specific industry types, spreadsheet calculators may be provided.

## **Portfolio Manager**

Portfolio Manager can be used to rate the performance of buildings on a scale of 1-100 relative to similar buildings nationwide using EPA's national energy performance rating system. The rating system accounts for the impacts of year-to-year weather variations, as well as building size, location, and several operating characteristics.

In addition, EPA intends to collect information from Portfolio Manager users on its usability as a Web-based tool and on the effectiveness of Portfolio Manager training. Based on this information, EPA will identify and make needed improvements.

## **ENERGY STAR Energy Performance Indicator**

EPA provides industrial companies with opportunities to overcome barriers to energy efficiency in their businesses. This is accomplished by promoting sound, strategic corporate energy management practices and resources that facilitate continuous improvement. EPA's Web site includes an automated tool, the Energy Performance Indicator (EPI), to score the energy efficiency of specific types of industrial plants (e.g., automobile assembly plants). An

organization enters basic information into the EPI on its plant characteristics and energy consumption. The EPI produces a plant percentile score between 1 and 100 and compares that score to the most energy-efficient plants in the industry and to the previous performance for the plant.

## Information for the Development of New Facility Types

EPA expects to increase the number of facility-use types available to be benchmarked in Portfolio Manager and therefore eligible for earning the ENERGY STAR as well as for participation in ENERGY STAR Leaders. Through initial data collection, EPA will collect information from participating organizations in order to build an historical account of energy use for new facility type analysis. EPA may ask for information about energy use, building characteristics, and other parameters that will help to add new facility-use types. To beta test the accuracy of the statistical analysis, EPA will collect information from participating organizations in order to test the model to ensure that it produces relevant results.

#### RECOGNITION

#### **ENERGY STAR Labeling**

#### **Buildings**

ENERGY STAR offers the public an opportunity to display the ENERGY STAR on their buildings if they meet certain energy performance criteria defined by EPA. The on-line application for the ENERGY STAR is submitted through EPA's benchmarking tool, Portfolio Manager. Eligible buildings with benchmark scores of 75 or higher may submit information to EPA to apply for the ENERGY STAR. The on-line application consists of a Statement of Energy Performance (SEP) and Letter of Agreement (LOA). To be approved to receive the ENERGY STAR, buildings must meet specific eligibility requirements as well as industry standards for comfort and indoor air quality. A Professional Engineer must verify the SEP (stamped/embossed and signed) that these requirements have been met.

In addition, EPA intends to visit a number of ENERGY STAR Labeled Buildings for quality control purposes. EPA may confirm, for example, the accuracy of the information provided in the application for the ENERGY STAR, and may request facility documentation during the visit.

EPA also expects to periodically contact representatives of buildings that have earned the ENERGY STAR to collect information about the characteristics of buildings that lead to top energy performance. This includes information on the buildings' construction, equipment used in the buildings, building management, and involvement in ENERGY STAR. EPA will use this information to better understand the specific design, construction, and operating characteristics of ENERGY STAR Labeled Buildings and how these characteristics contributed to the buildings' top energy performance. In addition, EPA intends to collect information about the qualification process to measure how easy it is for organizations to use. EPA needs this information to identify and make needed improvements to the qualification process.

# <u>Plants</u>

Industrial companies have an opportunity to apply to EPA to display a banner or flag on specific types of plants (e.g., automobile assembly plants) that meet EPA's energy efficiency criteria. EPA's Web site includes an automated tool, the Energy Performance Indicator (EPI), to score a plant's energy efficiency. The EPI produces a plant percentile score between 1 and 100 and compares that score to the most energy-efficient plants in the industry and to the previous performance for the plant. For organizations that want to receive recognition for superior performance based on the EPI score (the plant must score in the top quartile), the organization may apply to EPA for recognition by printing out a Statement of Energy Performance and submitting it and a letter to EPA. If approved, the organization would receive recognition for the plant (e.g., EPA permission to display a banner or plant flag).

#### **ENERGY STAR Leaders**

As part of the Partnership Letter, organizations commit to continuous improvement. To track Partners' progress against their goal, EPA provides organizations recognition incentives to meet specific targets. This follows the Partnership Letter and includes that they track and benchmark all of the eligible buildings in their portfolio, and notify EPA of this accomplishment by submitting a Letter of Qualification, Facility Summary Report, and Facility List. EPA will review this information and recognize these participants as ENERGY STAR Leaders if they qualify.

EPA does not mandate reporting but rather requests that Partners who reach targets inform EPA by submitting the qualification documents when they have met energy improvements in 10 percent increments across their portfolio.

#### **Success Stories**

EPA periodically receives feedback from Partners and other stakeholders to develop success stories and other information on their efforts to improve energy efficiency in the commercial and industrial sector. EPA shares this information with the general public at the ENERGY STAR Web site. For example, SPPs work with their clients to prepare success stories on best practices, lessons learned, and energy performance achievements. EPA posts this information on the Web site.

#### Statement of Energy Design Intent

Architecture firms can display the "Designed to Earn the ENERGY STAR" graphic to distinguish their projects as among the nation's best in energy performance. To apply for the graphic, the Architect of Record (AOR) must be an ENERGY STAR Partner. The AOR would enter specific information into EPA's on-line software tool, Target Finder, to obtain an EPA energy performance rating for the design project. It would then print the Statement of Energy Design Intent (SEDI) from Target Finder and fill in the required information. The statement must be sealed (stamped) and signed by a licensed architect or engineer designated by the AOR.

The AOR also must complete an Application Letter. As part of the Letter, the AOR agrees to collaborate with EPA on a case study about the project's design energy use strategies and goals, to be posted on the ENERGY STAR Web site. The AOR would submit the SEDI and Application Letter to EPA. EPA would send the AOR the graphic, which can be displayed in the title block of project drawings and on other project documents.

# **ENERGY STAR Awards**

Organizations interested in receiving recognition for their efforts in improving their energy performance may apply for an ENERGY STAR Award. EPA currently issues awards to Commercial and Industrial Sector Partners, Service and Product Providers, and Energy Efficiency Program Sponsors. In addition, small businesses and congregations may apply to receive an award as part of their recognition efforts.

# 2. NEED FOR AND USE OF THE COLLECTION

#### 2(a) Need and Authority for the Collection

ENERGY STAR is authorized in the Clean Air Act under Section 103g. The Energy Policy Act of 2005 (P.L. 109-58) provides further authorization to EPA and the U.S. Department of Energy (DOE) to establish a voluntary program to identify and promote energy-efficient products and buildings in order to reduce energy consumption, improve energy security, and reduce pollution through voluntary labeling of, or other forms of communication about, products and buildings that meet the highest energy conservation standards. In addition, President Bush has made ENERGY STAR a key element of his National Energy Policy and his climate change initiative. ENERGY STAR is a voluntary Program aimed at preventing pollution rather than controlling it after its creation. The Program focuses on reducing utility-generated emissions by reducing the demand for energy.

## JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

## Partnership Letter or Agreement/Related Activities

EPA needs to collect initial information from organizations to formally establish their Partnership in the ENERGY STAR Program. The Partnership Letter is submitted by organizations in the C&I Sector that commit to adopting an energy strategy and making energy reductions to protect the environment. The Partnership Letter provides EPA with basic yet necessary information on the organizations (e.g., contact information). The Partnership Letter also highlights the importance of an energy management plan as a necessary element of a Partner's strategy to improve its facilities' energy performance. EPA does not collect the plan, but provides a guidebook to assist in its development.

The Partnership Agreement is submitted by SPPs and EEPS. These organizations agree to leverage ENERGY STAR by making it part of their own energy efficiency or to sell energy efficient products and services. The Partnership Agreement also provides basic yet necessary information on the organizations, and it holds organizations accountable for using the ENERGY STAR Logo in accordance with applicable ENERGY STAR requirements. Through the Partnership Agreement, SPPs and EEPS also commit to undertaking specified information collection activities.

EPA compiles information from SPP Partners to include in the Service and Product Provider Directory. The Directory is a searchable Web database to provide the public with easy access to energy efficiency products and services that can help companies lower operating costs and increase their bottom line. Businesses wishing to appear in this Directory are asked to submit a completed profile that details their products and services, so it can be searched in a number of different ways.

In delivering services and/or products, when appropriate, SPPs agree to include ENERGY STAR tools, messages and Guidelines for Energy Management. This information is needed to encourage customers to take needed steps to improve the energy performance of their buildings.

EEPS submit a brief plan outlining key activities that they plan to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets so that EPA can ensure that these activities align with ENERGY STAR's goals and purposes. EPA needs annual updates to the Directory of Energy Efficiency Programs to ensure that its Web site provides the public with up-to-date information. The EEPS will collaborate with ENERGY STAR to help their customers measure and improve the energy performance of their buildings and portfolios.

#### **Small Business and Congregations Network**

EPA needs to collect information from small businesses and congregations to be able to send "Welcome Aboard" materials and provide them with monthly educational email updates.

#### **ENERGY STAR Challenge**

The ENERGY STAR Challenge is a call to action for businesses and institutions to improve the energy efficiency of their buildings by 10 percent or more. Under the Challenge, EPA works with governments, associations and non-profit organizations to encourage their members and/or constituents to leverage the ENERGY STAR platform to improve the energy efficiency of their buildings. Information provided through on-line sign-ups will confirm their participation and enable EPA to provide a tool kit to help them promote the ENERGY STAR Challenge and educate their members and constituents on how to respond to it. In addition, the information will provide EPA with an idea of the types of activities that are being undertaken in response to the Challenge call to action.

## BENCHMARKING

#### **Portfolio Manager**

Any organization may use Portfolio Manager to evaluate its building's energy performance. A user rates the performance of its buildings on a scale of 1-100 relative to similar buildings nationwide using EPA's national energy performance rating system. Information entered into Portfolio Manager is needed so the user can receive a rating.

In addition, EPA intends to collect information from Portfolio Manager users on its usability as a Web-based tool and on the effectiveness of training. Based on this information, EPA will identify and make needed improvements.

# **ENERGY STAR Energy Performance Indicator**

EPA provides industrial companies with opportunities to overcome barriers to energy efficiency in their businesses. This is accomplished by promoting sound, strategic corporate energy management practices and resources that facilitate continuous improvement. EPA's Web site includes an automated tool, the Energy Performance Indicator (EPI), to score the energy

efficiency of specific types of industrial plants. The tool is needed to enable organizations to compare their energy performance to the most energy-efficient plants in the industry and to the previous performance for the plant. The information assists them in improving their energy performance.

## Information for the Development of New Facility Types

EPA needs to collect information and conduct beta testing in the development of new facility types in Portfolio Manager as well as for ENERGY STAR Leaders. Through initial data collection, EPA will collect information from participating organizations in order to build an historical account of energy use for new facility type analysis. EPA may ask for information about energy use, building characteristics, and other parameters that will help to add new facility-use types. To beta test the accuracy of the statistical analysis, EPA will collect information from participating organizations to test the model to ensure it produces relevant results.

## RECOGNITION

#### **ENERGY STAR Labeling**

#### **Buildings**

ENERGY STAR offers the public an opportunity to display the ENERGY STAR on their buildings if they meet certain energy performance criteria defined by EPA. The on-line application for the ENERGY STAR is submitted through EPA's benchmarking tool, Portfolio Manager. The on-line application consists of a Statement of Energy Performance (SEP) and Letter of Agreement (LOA). To be approved to receive the ENERGY STAR, buildings must meet specific eligibility requirements as well as industry standards for comfort and indoor air quality. A Professional Engineer must verify the SEP (stamped/embossed and signed) that these requirements have been met. These materials are necessary to demonstrate to EPA that energy-efficiency improvements have been achieved.

In addition, EPA may need to collect information from ENERGY STAR Labeled Buildings as part of the on-site verification process. This information is needed to help EPA maintain quality control on the buildings that qualify for the ENERGY STAR.

EPA also intends to contact some of the owners of ENERGY STAR Labeled Buildings periodically to solicit information on the buildings' construction, the equipment used in the buildings, building management, and involvement in ENERGY STAR. EPA needs this information to better understand the specific design, construction, and operating characteristics of ENERGY STAR Labeled Buildings and how these characteristics contributed to the buildings' top energy performance. In addition, EPA intends to collect information about the qualification process to measure how easy it is for organizations to use. EPA needs this information to identify and make needed improvements to the process.

#### <u>Plants</u>

Industrial companies have an opportunity to apply to EPA to display a banner or flag on specific types of plants that meet EPA's energy efficiency criteria. Companies that enter plant information into EPA's on-line tool, the Energy Performance Indicator (EPI), and score in the top quartile may apply to EPA for recognition of the plant. To apply for recognition, the company prints out the Statement of Energy Performance and submits it and a letter to EPA. This information is needed by EPA to understand and confirm a plant's energy efficiency. If approved, the organization would receive recognition for the plant (e.g., EPA permission to display a banner or plant flag). Recognition by EPA helps to encourage industrial companies to improve their plants' energy performance.

# **ENERGY STAR Leaders**

As part of their Partnership Letter, organizations commit to continuous improvement. To track Partner progress against their goal, EPA provides organizations recognition incentives to meet specific targets. These follow the Partnership Letter and include that they track and benchmark all of their eligible buildings in their portfolio and notify EPA of this accomplishment by submitting a Letter of Qualification, Facility Summary, and Facility List. The notification to EPA allows the Agency to recognize Partner accomplishments if they qualify. This recognition encourages further energy performance improvements.

#### **Success Stories**

EPA periodically receives feedback from organizations to develop success stories and other types of information on their efforts to improve energy efficiency in the commercial and industrial sector. EPA shares this information with the general public at the ENERGY STAR Web site. This recognition promotes the image of these organizations as leaders in energy management. In addition, information on the Web site educates the general public on the resources available for improving energy performance.

#### **Statement of Energy Design Intent**

Organizations may submit the Statement of Energy Design Intent to EPA to earn recognition. EPA needs the SEDI to confirm the energy performance of their design and recognize these organizations on the EPA Web site. In addition, these organizations can display the graphic, "Designed to Earn the ENERGY STAR," on architectural plans and other specified documents. This recognition promotes the image of these organizations as leaders in the design of energy efficient buildings. Information on the Web site can educate architecture/engineering firms and the general public on best practices for designing energy efficient buildings.

# **ENERGY STAR Awards**

Organizations apply for ENERGY STAR Awards to gain public recognition for exemplary energy performance. In this regard, EPA holds the awards program to provide an incentive for organizations to seek greater energy performance improvements.

## 2(b) Practical Utility and Users of the Data

## JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

#### **Partnership Letter or Agreement/Related Activities**

EPA uses information submitted in the Partnership Letter or Agreement to officially establish an organization's participation in ENERGY STAR. Facility data from the Letter or Agreement are entered into the iSTAR database to serve as a source of general information and as a mailing list.

Partners use the energy management plan in implementing a strategy to improve the energy performance at their facilities. EPA does not collect the plan.

EPA uses the information submitted in the SPP profile to develop and maintain the Service and Product Provider Directory.

In delivering services and/or products, when appropriate, SPPs agree to include ENERGY STAR tools, messages and Guidelines for Energy Management. This information is used to encourage customers to take needed steps to improve the energy performance of their buildings.

EPA uses the brief plan collected from the EEPS to ensure that their activities and materials align with the goals and purposes of ENERGY STAR. EPA uses annual updates from EEPs to ensure that its Web site provides the public with up-to-date information. The EEPS will collaborate with ENERGY STAR to help their customers measure and improve the energy performance of their buildings and portfolios.

#### **Small Business and Congregations Network**

EPA uses the information provided by small businesses and congregations to send them useful information (e.g., their email address enables EPA to send monthly ENERGY STAR E-updates).

## **ENERGY STAR Challenge**

The ENERGY STAR Challenge is a call to action for businesses and institutions to improve the energy efficiency of their buildings by 10 percent or more. Under the Challenge, EPA works with governments, associations and non-profit organizations to encourage their members and/or constituents to leverage the ENERGY STAR platform to improve the energy efficiency of their buildings. EPA uses the information from participants to confirm their participation and enable EPA to provide a tool kit to help them promote the ENERGY STAR Challenge and educate their members and constituents on how to respond to it. In addition, EPA uses the information to get an idea of the types of activities that are being undertaken in response to the Challenge call to action.

#### BENCHMARKING

## **Portfolio Manager**

Any organization may use Portfolio Manager to evaluate its building's energy performance. Information entered into Portfolio Manager is needed so the user can receive a rating. Portfolio Manager helps the user update and track data over time to continuously monitor performance. The user can use both short and long term trends in energy performance to make budget and management decisions regarding investments in energy-related projects.

In addition, EPA intends to collect information from Portfolio Manager users on its usability as a Web-based tool and on the effectiveness of Portfolio Manager training. Based on this information, EPA will identify and make needed improvements.

#### **ENERGY STAR Energy Performance Indicator**

EPA provides industrial companies with opportunities to overcome barriers to energy efficiency in their businesses. This is accomplished by promoting sound, strategic corporate energy management practices and resources that facilitate continuous improvement. EPA's Web site includes an automated tool, the Energy Performance Indicator (EPI), to score the energy efficiency of specific types of industrial plants. Organizations use the tool to compare their energy performance to the most energy-efficient plants in the industry and to the previous performance for the plant.

#### Information for the Development of New Facility Types

EPA will use the information gathered during the initial data collection and beta testing activities to build a database of information for benchmarking of a specific facility-use type. The information will be used in developing and expanding the Portfolio Manager tool for new facility types.

# RECOGNITION

# **ENERGY STAR Labeling**

## **Buildings**

ENERGY STAR offers the public an opportunity to display the ENERGY STAR on their buildings if they meet certain energy performance criteria defined by EPA. The on-line application for the ENERGY STAR is submitted through EPA's benchmarking tool, Portfolio Manager. The on-line application consists of a Statement of Energy Performance (SEP) and Letter of Agreement (LOA). To be approved to receive the ENERGY STAR, buildings must meet specific eligibility requirements as well as industry standards for comfort and indoor air quality. A Professional Engineer must verify the SEP (stamped/embossed and signed) that these requirements have been met. The applicant uses this information to demonstrate to EPA that energy-efficiency improvements have been achieved.

In addition, EPA may need to collect information from ENERGY STAR Labeled Buildings as part of the on-site verification process. This information is used to help EPA verify the energy performance of ENERGY STAR Labeled Buildings and maintain quality control on them.

EPA also intends to contact some of the owners of ENERGY STAR Labeled Buildings periodically to solicit information on the buildings' construction, the equipment used in the buildings, building management, and involvement in ENERGY STAR. EPA will use this information to better understand the specific design, construction, and operating characteristics of ENERGY STAR Labeled Buildings and how these characteristics contributed to the buildings' top energy performance. In addition, EPA intends to collect information about the qualification process to measure how easy it is for organizations to use. EPA will use this information to identify and make improvements to the process that buildings use to qualify for the ENERGY STAR.

#### <u>Plants</u>

Industrial companies have an opportunity to apply to EPA to display a banner or flag on specific types of plants that meet EPA's energy efficiency criteria. Companies that enter plant information into EPA's on-line tool, the Energy Performance Indicator (EPI), and score in the top quartile may apply to EPA for recognition of the plant. To apply for recognition, the company prints out the Statement of Energy Performance and submits it and a letter to EPA. EPA reviews this information to understand and verify the energy efficiency of the plants. If approved, the organization would receive recognition for the plant (e.g., EPA permission to display a banner or plant flag). EPA recognition enhances the image of the organization as a national leader in energy performance.

## **ENERGY STAR Leaders**

As part of their Partnership Letter, organizations commit to continuous improvement. To track Partner progress against their goal, EPA provides organizations recognition incentives to meet specific targets. These follow the Partnership Letter and include that they track and benchmark all of their eligible buildings in their portfolio and notify EPA of this accomplishment. The purpose of this notification is to allow the Agency to track Partner progress in improving energy performance and to recognize Partner accomplishments if they qualify.

#### **Success Stories**

EPA periodically receives feedback from Partners and other stakeholders to develop success stories and other information on their efforts to improve energy efficiency in the commercial and industrial sector. EPA shares this information with the general public at the ENERGY STAR Web site. This recognition promotes the image of these organizations as leaders in energy management. In addition, the Web site provides the public with valuable information about others' experiences and lessons learned as well as the resources available for improving energy performance.

# **Statement of Energy Design Intent**

Organizations may submit the Statement of Energy Design Intent to EPA to earn recognition. EPA uses the SEDI to confirm the energy performance of their design and recognize these organizations on the EPA Web site. This recognition can enhance their image by demonstrating their commitment to helping building owners make better decisions about energy performance in their new commercial construction projects. Information at the Web site also can assist interested parties to learn best practices for designing energy efficient buildings.

# **ENERGY STAR Awards**

Organizations apply for ENERGY STAR Awards to gain public recognition for exemplary energy performance. In this regard, EPA holds the awards program to provide an incentive for organizations to seek greater energy performance improvements.

# 3. NONDUPLICATION, CONSULTATIONS, AND OTHER COLLECTION CRITERIA

# 3(a) Nonduplication

The information collected under this ICR is not collected by any other EPA office or by any other federal agency. Therefore, there is not a potential for duplication with other federal collections.

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

In compliance with the Paperwork Reduction Act of 1995, EPA solicited public comments on this ICR through an announcement in the <u>Federal Register</u> on June 1, 2006 (71 <u>FR</u> 31179). No comments were received.

# **3(c) Consultations**

In preparing this ICR, EPA did not conduct industry or State consultations. Because EPA works closely with ENERGY STAR participants, the Agency already has a good idea of the time needed to carry out its information collections. Therefore, EPA relied on the expertise of Agency staff in developing the ICR's hour and cost assumptions. In addition, the Agency accessed its current databases (e.g., iSTAR) and documentation to estimate the number of respondents and activities. The Agency's data sources are kept up-to-date based on participant submittals (e.g., submittals of Partnership Letters, SPP Directory Company Profiles) and therefore are the most reliable sources for estimation purposes.

# 3(d) Effects of Less Frequent Collection

# JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

# **Partnership Letter or Agreement/Related Activities**

The Partnership Letter or Agreement is submitted on a one-time basis; less frequent collection is not possible.

Partners prepare the energy management plan on a one-time basis. They then follow the plan in improving their facilities' energy performance. The plan is not collected by EPA.

Service and Product Providers who would like to be listed in the SPP Directory submit the Service and Product Provider Company Profile initially. EPA requests annual updates of the information through a mass email. EPA needs these updates to ensure that the Directory provides accurate and up-to-date information for public use.

There is no schedule for SPPs to include ENERGY STAR tools, messages and Guidelines for Energy Management in their products and services.

EPA collects information from EEPS according to the following schedule:

- Submittal and periodic update of a brief plan outlining the key activities the EEPS intend to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets. EPA needs to collect this information on a periodic basis to ensure that the EEPS are acting in alignment with the objectives of the ENERGY STAR Program.
- Submittal of annual updates to the Directory of Energy Efficiency Programs. EPA needs this information on an annual basis to ensure that its Web site provides up-to-date and accurate information to the public.

## **Small Business and Congregations Network**

There is no collection schedule for small businesses and congregations.

# **ENERGY STAR Challenge**

There is no schedule for participating in the ENERGY STAR Challenge.

## BENCHMARKING

## **Portfolio Manager**

There is no collection schedule for benchmarking in Portfolio Manager.

EPA intends to collect information from Portfolio Manager users on its usability as a Web-based tool and on the effectiveness of training on the tool. EPA expects to contact selected users not more than once per year. EPA needs to collect information at this frequency in order to be responsive to users' needs.

# **ENERGY STAR Energy Performance Indicator**

There is no schedule for using the Energy Performance Indicator.

## Information for the Development of New Facility Types

The schedule for collecting information for the development of new facility types is

expected to be once every two or three years.

#### RECOGNITION

#### **ENERGY STAR Labeling**

#### **Buildings**

There is no schedule for applying for the ENERGY STAR.

On-site verification of ENERGY STAR Labeled Buildings will be performed during one of the three years of this ICR. This frequency will give EPA adequate opportunity to confirm that accurate information is being provided by them.

EPA may ask selected participants in the ENERGY STAR Program to provide feedback on their ENERGY STAR Labeled Buildings and the process for qualifying for the ENERGY STAR. EPA expects to contact participants during one of the three years of this ICR. EPA needs to collect information at this frequency in order to understand the characteristics that lead to top energy performance and to be responsive to participants' needs in following the qualification process.

#### <u>Plants</u>

There is no schedule for applying for EPA recognition (e.g., permission to display a banner or plant flag).

#### **ENERGY STAR Leaders**

There is no schedule for collecting information.

As part of their Partnership Letter, organizations commit to continuous improvement. To track Partners' progress against their goal, EPA provides organizations recognition incentives to meet specific targets. These follow the Partnership Letter and include that they track and benchmark all of their buildings and notify EPA of this accomplishment by submitting a Letter of Qualification, Facility Summary, and Facility List.

EPA does not mandate reporting, but rather requests that Partners who make improvements in 10 percent increments across their portfolio submit their qualification documents. Submission of these documents is essential for the Agency to track Partners' progress in improving their energy performance and to recognize Partners' accomplishments.

# **Success Stories**

There is no schedule for receiving information.

#### **Statement of Energy Design Intent**

There is no schedule for submitting the Statement of Energy Design Intent (SEDI) to EPA to earn recognition. The SEDI must be submitted for design projects that are at least 95 percent completed. This timeframe gives EPA assurance that the design is close to being finalized.

# **ENERGY STAR Awards**

The ENERGY STAR Awards are held annually to recognize organizations that have achieved energy performance improvements. ENERGY STAR Partners who wish to receive an award are requested to submit an application annually.

# 3(e) General Guidelines

Information collections performed under this clearance will follow all of OMB's General Guidelines regarding federal data collection.

EPA intends to omit the expiration date from all forms being submitted for OMB review in this ICR. The information collected on the forms is modified infrequently. When modifications to the forms do occur, they normally involve changes that do not affect respondent burden (e.g., changes to wording and/or format). Under the 1995 Paperwork Reduction Act, a person is not required to respond to a collection of information unless it displays a currently valid OMB control number.

Since this ICR is renewed every three years, inclusion of an expiration date on the forms would require EPA to amend them every three years. This would create unnecessary burdens for both EPA and those who complete the forms. Since inclusion of the expiration date on the forms in these circumstances provides little to no value for the public, EPA intends to omit it from the forms under this ICR.

# 3(f) Confidentiality

Participation in the ENERGY STAR Program is voluntary and may be terminated by participants or EPA at any time. If a claim of confidential business information (CBI) is asserted, EPA will manage that information in accordance with EPA's provisions on confidentiality. 40 CFR Part 2, Subpart B establishes EPA's general policy on the public disclosure of information and procedures for handling CBI claims.

## **3(g)** Sensitive Questions

No questions of a sensitive nature are asked of participants with ENERGY STAR.

# 4. THE RESPONDENTS AND THE INFORMATION REQUESTED

# 4(a) Respondents and SIC/NAICS Codes

The following is a list of Standard Industrial Classification (SIC) codes, North American Industrial Classification System (NAICS) codes, and associated industries that may be affected by information collections covered under this ICR for the ENERGY STAR Program. Note that, at the end of this list, EPA has included a number of NAICS codes that do not have a corresponding SIC code. EPA has included an asterisk in the SIC code column to indicate that no corresponding SIC code exists.

SIC	Industries	NAICS
742	Veterinary Services for Livestock	54194
751	Livestock Services, Except Veterinary (custom slaughtering)	311611
1311	Crude Petroleum and Natural Gas	211111
1382	Surveying Services (geophysical surveying )	54136
1382	Oil and Gas Field Exploration Services (except geophysical mapping and surveying and aerial geophysical exploration)	213112
1389	Oil and Gas Field Exploration Services (except geophysical mapping and surveying and aerial geophysical exploration)	213112
1521	General contractors-Single-Family Houses	23321
1522	General Contractors-Residential Building Other than Single-Family (hotel and motel construction)	23332
1531	General contractors-Single-Family Houses	23321
1531	General Contractors-Residential Building, Other Than Single-Family (except hotel and motel construction)	23322
1531	Operative Builders (manufacturing and light industrial building construction)	23331
1531	General Contractors-Residential Building Other than Single-Family (hotel and motel construction)	23332
1542	General Contractors-Residential Building Other than Single-Family (hotel and motel construction)	23332
1629	Heavy Construction, NEC (industrial nonbuilding structures construction)	23493
1629	Heavy Construction, NEC (except industrial nonbuilding structures construction)	23499
1711	Plumbing, Heating and Air-Conditioning	23511
1731	Electrical Work (except burglar and fire alarm installation)	23531
1731	Burglar and Fire Alarm Installation	561621

1751	Carpentry Work	23551
1761	Roofing, Siding, and Sheet Metal Work	23561
1799	Painting and Paper Hanging	23521
1799	Glass and Glazing Work	23592
1799	Special Trade Contractors, NEC (except paint and wallpaper stripping, wall paper removal contractors, and tinting glass work)	23599
1799	Asbestos Abatement and Lead Paint Removal Contractors	56291
2013	Sausages and Other Prepared Meats (except lard made from purchased materials)	31161
2015	Poultry Slaughtering and Processing (poultry processing)	31161
2015	Poultry Slaughtering and Processing (egg processing)	31199
2021	Creamery Butter	31151
2022	Natural, Processed, and Imitation Cheese	31151
2023	Dry, Condensed and Evaporated Dairy Products	31151
2024	Ice Cream and Frozen Desserts	31152
2026	Fluid Milk	31151
2032	Canned Specialties (except canned puddings)	31142
2033	Canned Fruits, Vegetables, Preserves, Jams, and Jellies	31142
2034	Dehydrated Fruits, Vegetables and Soup Mixes (vegetable flour)	31121
2034	Dried and Dehydrated Fruits, Vegetables and Soup Mixes (except vegetable flour and soup mixes made from purchased dried and dehydrated ingredients made in dehydration plants)	31142
2037	Frozen Fruits, Fruit Juices, and Vegetables	31141
2038	Frozen Specialties, NEC	31141
2043	Cereal Breakfast Foods (breakfast cereal)	31123
2043	Cereal Breakfast Foods (coffee substitute)	31192
2044	Rice Milling	31121
2045	Prepared Flour Mixes and Doughs	31182
2046	Wet Corn Milling (except refining purchased oil)	31122
2047	Dog and Cat Food	31111
2048	Prepared Feeds and Feed Ingredients for Animals and Fowls, Except Dogs and Cats (except slaughtering animals for pet food)	31111
2051	Bread and Other Bakery Products, Except Cookies and Crackers	31181
2052	Cookies and Crackers (except unleavened bread and pretzels)	31182

2052	Cookies and Crackers (pretzel, except soft)	311919
2053	Frozen Bakery Products, Except Bread	311813
2061	Cane Sugar, Except Refining	311311
2062	Cane Sugar Refining	311312
2063	Beet Sugar	311313
2066	Chocolate and Cocoa Products (except chocolate products, made from purchased chocolate)	31132
2074	Cottonseed Oil Mills (cottonseed processing)	311223
2075	Soybean Oil Mills (soybean processing)	311222
2077	Animal and Marine Fats and Oils (animal fats and oils)	311613
2077	Animal and Marine Fats and Oils (canned marine fats and oils)	311711
2077	Animal and Marine Fats and Oils (fresh and frozen marine fats and oils)	311712
2079	Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, NEC (processing fats and oils from purchased fats and oils)	311225
2082	Malt Beverages (except malt extract)	31212
2082	Malt Beverages (malt extract)	311942
2083	Malt	311213
2084	Wines, Brandy, and Brandy Spirits	31213
2085	Distilled and Blended Liquors (except applejack)	31214
2086	Bottled and Canned Soft Drinks and Carbonated Water (except bottled water)	312111
2086	Bottled and Canned Soft Drinks and Carbonated Water (bottled water)	312112
2087	Flavoring Extracts and Flavoring Syrups (flavoring syrup and concentrate, except coffee)	31193
2097	Manufactured Ice	312113
2098	Macaroni, Spaghetti, Vermicelli and Noodles	311823
2099	Food Preparations, NEC (marshmallow creme)	31134
2099	Food Preparations, NEC (tortillas)	31183
2099	Food Preparations, NEC (peanut butter)	311911
2099	Food Preparations, NEC (vinegar, prepared dips (except dairy), and cider)	311941
2099	Food Preparations, NEC (perishable prepared food)	311991
2111	Cigarettes	312221
2121	Cigars	312229
2141	Tobacco Stemming and Redrying (redrying and stemming)	31221

2221	Broadwoven Fabric Mills, Cotton	31321
2231	Broadwoven Fabric Mills, Wool (wool broadwoven fabric finishing only)	313311
2231	Broadwoven Fabric Mills, Wool (wool finishing only, except broadwoven fabric)	313312
2241	Narrow Fabric and Other Smallware Mills: Cotton, Wool, Silk and Manmade Fiber	313221
2251	Women's Full-Length and Knee-Length Hosiery, (except dyeing and finishing only)	315111
2252	Hosiery, NEC (socks except dyeing and finishing only)	315119
2253	Knit Outerwear Mills (except dyeing and finishing only, and bath robes and lounge robes)	315191
2254	Knit Underwear and Nightwear Mills (except dyeing and finishing only)	315192
2257	Weft Knit Fabric Mills (except finishing)	313242
2258	Lace and Warp Knit Fabric Mills (except finishing)	313249
2273	Carpets and Rugs	31411
2281	Yarn Spinning Mills	31311
2282	Yarn Texturing, Throwing, Winding Mills	31311
2284	Thread Mills (except finishing)	31311
2295	Coated Fabrics, Not Rubberized	31332
2296	Tire Cord and Fabrics	31499
2297	Nonwoven Fabrics	31323
2298	Cordage and Twine	31499
2299	Textile Goods, NEC (broadwoven fabrics of jute, linen, hemp, and ramie and handwoven)	31321
2299	Textile Goods, NEC (recovery and processing of fibers and waste)	31499
2311	Men's and Boys' Suits, Coats, and Overcoats (contractors)	31521
2311	Men's and Boys' Suits, Coats, and Overcoats (except contractors)	31522
2321	Men's and Boys' Shirts, Except Work Shirts (except contractors)	31522
2322	Men's and Boys' Underwear and Nightwear (except contractors)	31522
2323	Men's and Boys' Neckwear (except contractors)	31599
2325	Men's and Boys' Trousers and Slacks (except contractors)	31522
2326	Men's and Boys' Work Clothing (except contractors)	31522
2329	Men's and Boys' Suits, Coats, and Overcoats (contractors)	31521
2329	Men's and Boys' Clothing, NEC (men's and boys' other outerwear except	31522

	contractors)	
2329	Men's and Boys' Outerwear, NEC (athletic uniforms except contractors)	31529
2331	Women's, Misses', and Juniors' Blouses and Shirts (contractors)	31521
2335	Women's, Misses', and Juniors' Dresses (except contractors)	31523
2337	Women's, Misses', and Juniors' Suits, Skirts, and Coats (except contractors)	31523
2339	Women's, Misses', and Juniors' Outerwear, NEC (except contractors)	31523
2339	Women's, Misses', and Juniors' Outerwear, NEC (scarves)	31599
2341	Women's, Misses', Children's, and Infants' Underwear and Nightwear (infants' except contractors)	31529
2353	Hats, Caps, and Millinery (except contractors)	31599
2371	Fur Goods (except contractors)	31529
2381	Dress and Work Gloves, Except Knit and All-Leather (except contractors)	31599
2391	Curtains and Draperies	31412
2392	House furnishings, Except Curtains and Draperies (except mops and bags)	31412
2392	House furnishings, Except Curtains and Draperies (blanket, laundry, and garment storage bags)	31491
2394	Canvas and Related Products	31491
2395	Textile Goods, NEC (other textile products)	31499
2395	Men's and Boys' Suits, Coats, and Overcoats (contractors)	31521
2395	Women's, Misses', and Juniors' Blouses and Shirts (contractors)	31521
2396	Automotive Trimmings, Apparel Findings, and Related Products (textile motor vehicle trimming)	33636
2397	Machine Embroideries	31322
2399	Fabricated Textile Products, NEC (seat belts, and seat and tire covers)	33636
2421	Sawmills and Planing Mills, General (sawmills)	32111
2421	Sawmills and Planing Mills, General (lumber manufacturing from purchased lumber, softwood cut stock, wood lath, fence pickets, and planing mill products)	32191
2421	Hardwood Dimension and Flooring Mills (hardwood flooring)	32191
2421	Hardwood Dimension and Flooring Mills (wood stock and turnings)	32199
2426	Hardwood Dimension and Flooring Mills (hardwood flooring)	32191
2429	Special Product Sawmills, NEC (cooperage stock)	32192
2431	Millwork (wood windows and doors)	32191
2431	Hardwood Dimension and Flooring Mills (hardwood flooring)	32191

2434	Wood Kitchen Cabinets	33711
2435	Hardwood Veneer and Plywood	321211
2436	Softwood Veneer and Plywood	321212
2439	Structural Wood Members, NEC (except trusses)	321213
2439	Structural Wood Members, NEC (trusses)	321214
2451	Mobile Homes	321991
2452	Prefabricated Wood Buildings and Components	321992
2491	Wood Preserving	321114
2493	Reconstituted Wood Products	321219
2511	Wood Household Furniture, Except Upholstered (except wood box spring frames)	337122
2511	Wood Household Furniture, Except Upholstered (wood box spring frames)	337215
2512	Wood Household Furniture, Upholstered	337121
2514	Metal Household Furniture (except upholstered and metal box spring frames)	337124
2515	Mattresses, Foundations and Convertible Beds (mattresses and foundations)	33791
2517	Wood Television, Radio, Phonograph, and Sewing Machine Cabinets	337129
2519	Household Furniture, NEC	337125
2521	Wood Office Furniture	337211
2522	Office Furniture, Except Wood	337214
2531	Automotive Trimmings, Apparel Findings, and Related Products (textile motor vehicle trimming)	33636
2531	Public Building and Related Furniture (furniture made for public buildings)	337127
2531	Public Buildings and Related Furniture (blackboards)	339942
2541	Wood Office and Store Fixtures, Partitions, Shelving, and Lockers (architectural woodwork, millwork, and fixtures)	337212
2591	Drapery Hardware and Window Blinds and Shades	33792
2599	Furniture and Fixtures, NEC (hospital beds)	339111
2611	Pulp Mills (pulp producing mills only)	32211
2611	Pulp Mills (pulp mills producing paperboard)	32213
2611	Pulp Mills (pulp mills producing paper)	322121
2621	Pulp Mills (pulp mills producing paper)	322121
2621	Paper Mills (newsprint mills)	322122
2652	Setup Paperboard Boxes	322213

2655	Fiber Cans, Tubes, Drums, and Similar Products	32221
2656	Sanitary Food Containers, Except Folding	32221
2657	Folding Paperboard Boxes, Including Sanitary	32221
2671	Packaging Paper and Plastics Film, Coated and Laminated (single-Web paper, paper multiweb laminated rolls and sheets for packaging uses)	32222
2671	Packaging Paper and Plastics Film, Coated, and Laminated (plastics packaging film and sheet)	32611
2672	Coated and Laminated Paper, NEC	32222
2673	Plastics, Foil, and Coated Paper Bags (except all plastics)	32222
2673	Plastics, Foil, and Coated Paper Bags (plastics bags)	32611
2674	Uncoated Paper and Multiwall Bags	32222
2675	Die-Cut Paper and Paperboard and Cardboard (pasted, lined, laminated, or surface-coated paperboard)	32222
2676	Sanitary Paper Products	32229
2677	Envelopes	32223
2678	Stationery, Tablets, and Related Products	32223
2679	Converted Paper and Paperboard Products, NEC (corrugated paper)	32221
2679	Converted Paper and Paperboard Products, NEC (paper supplies for business machines and other paper office supplies)	32223
2679	Converted Paper and Paperboard Products, NEC (other converted paper and paperboard products, such as paper filters, crepe paper, and laminated and tiled wallboard)	32229
2711	Newspapers: Publishing or Publishing and Printing	51111
2721	Periodicals: Publishing or Publishing and Printing	51112
2731	Books: Publishing or Publishing and Printing (except music books)	51113
2731	Books: Publishing or Publishing and Printing (music books)	51223
2732	Book Printing	32311
2741	Miscellaneous Publishing (database publishers)	51114
2741	Books: Publishing or Publishing and Printing (music books)	51223
2741	Miscellaneous Publishing (except database and sheet music publishing)	51119
2752	Commercial Printing, Lithographic (except quick printing)	32311
2752	Commercial Printing, Lithographic (quick printing)	32311
2754	Commercial Printing, Gravure	32311
2759	Commercial Printing, NEC (screen printing)	32311

2759	Commercial Printing, NEC (digital printing, except quick printing)	323115
2759	Commercial Printing, NEC (other commercial printing except quick printing)	323119
2761	Manifold Business Forms	323116
2771	Commercial Printing, Lithographic (except quick printing)	323110
2771	Commercial Printing, Gravure	323111
2771	Greeting Cards (flexographic printing of greeting cards)	323112
2771	Automotive Trimmings, Apparel Findings, and Related Products (printing and embossing on fabric articles)	323113
2771	Commercial Printing, NEC (other commercial printing except quick printing)	323119
2771	Greeting Cards (publishing greeting cards)	511191
2782	Blankbooks, Loose-leaf Binders and Devices (except checkbooks)	323118
2789	Bookbinding and Related Work	323121
2791	Typesetting	323122
2812	Alkalies and Chlorine	325181
2813	Industrial Gases	32512
2816	Inorganic Pigments (except bone and lamp black)	325131
2819	Industrial Inorganic Chemicals, NEC (except activated carbon and charcoal, alumina, and inorganic industrial dyes)	325188
2819	Industrial Inorganic Chemicals, NEC (activated carbon and charcoal)	325998
2819	Industrial Inorganic Chemicals, NEC (alumina)	331311
2821	Plastics Materials, Synthetic and Resins, and Nonvulcanizable Elastomers	325211
2822	Synthetic Rubber	325212
2823	Cellulosic Manmade Fibers	325221
2824	Manmade Organic Fibers, Except Cellulosic	325222
2833	Medicinal Chemicals and Botanical Products	325411
2834	Pharmaceutical Preparations	325412
2835	Pharmaceutical Preparations	325412
2835	In-Vitro and In-Vivo Diagnostic Substances (in-vitro diagnostic substances)	325413
2836	Biological Products, Except Diagnostic Substance	325414
2841	Soaps and Other Detergents, Except Specialty Cleaners	325611
2842	Specialty Cleaning, Polishing, and Sanitary Preparations	325612
2843	Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants	325613
2844	Perfumes, Cosmetics, and Other Toilet Preparations (except toothpaste)	32562

2844	Soaps and Other Detergents, Except Specialty Cleaners	325611
2851	Paints, Varnishes, Lacquers, Enamels and Allied Products	32551
2861	Gum and Wood Chemicals	325192
2865	Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments (aromatics)	32511
2865	Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments (organic dyes and pigments)	325132
2865	Cyclic Organic Crudes and Intermediates and Organic Dyes and Pigments (except aromatics and organic dyes and pigments)	325192
2869	Industrial Organic Chemicals (ethyl alcohol)	32519
2873	Nitrogenous Fertilizers	32531
2874	Phosphatic Fertilizers	32531
2875	Fertilizers, Mixing Only	32531
2879	Pesticides and Agricultural Chemicals, NEC	32532
2891	Adhesives and Sealants	32552
2892	Explosives	32592
2893	Printing Ink	32591
2895	Carbon Black	32518
2899	Chemicals and Chemical Preparations, NEC (frit)	32551
2899	Paints, Varnishes, Lacquers, Enamels and Allied Products	32551
2899	Flavoring Extracts and Flavoring Syrups (flavoring extracts)	311942
2899	Chemical and Chemical Preparations, NEC (fatty acids)	32519
2899	Industrial Inorganic Chemicals, NEC (activated carbon and charcoal)	32599
2911	Petroleum Refining	32411
2951	Asphalt Paving Mixtures and Blocks	32412
2952	Asphalt Felts and Coatings	32412
2992	Lubricating Oils and Greases	32419
2999	Products of Petroleum and Coal, NEC	32419
3011	Tires and Inner Tubes	32621
3021	Rubber and Plastics Footwear	31621
3052	Rubber and Plastics Hose and Belting	32622
3053	Gaskets, Packing, and Sealing Devices	33999
3061	Molded, Extruded, and Lathe-Cut Mechanical Rubber Goods	326292

3069	Coated Fabrics, Not Rubberized	31332
3069	Fabricated Rubber Products, NEC (wet suits)	33992
3069	Fabricated Rubber Products, NEC (rubber resilient floor coverings)	326192
3069	Fabricated Rubber Products, NEC (except rubberized fabric and rubber resilient floor covering)	326299
3069	Fabricated Rubber Products, NEC (rubber gloves and life jackets)	339113
3069	Fabricated Rubber Products, NEC (rubber toys, except dolls)	339932
3081	Unsupported Plastics Film and Sheets	326113
3082	Unsupported Plastics Profile Shapes	32612
3083	Laminated Plastics Plate, Sheet, and Profile Shapes	32613
3084	Plastics Pipe	326122
3085	Plastics Bottles	32616
3086	Plastics Foam Products (polystyrene foam products)	32614
3086	Plastics Foam Products (urethane foam products)	32615
3087	Custom Compounding of Purchased Plastics Resin	32599
3088	Plastics Plumbing Fixtures	32619
3089	Plastics Pipe	32612
3089	Plastics Products, NEC (except plastics pipe fittings and plastics sausage casings)	32619
3111	Leather Tanning and Finishing	31611
3131	Boot and Shoe Cut Stock and Findings (except wood heels and metal buckles)	31699
3131	Boot and Shoe Cut Stock and Findings (wood heels)	32199
3142	House Slippers	31621
3143	Men's Footwear, Except Athletic	31621
3144	Women's Footwear, Except Athletic	31621
3149	Footwear Except Rubber, NEC	31621
3161	Luggage	31699
3171	Women's Handbags and Purses	316992
3172	Personal Leather Goods, Except Women's Handbags and Purses	316993
3211	Flat Glass	32721
3221	Glass Containers	327213
3229	Pressed and Blown Glass and Glassware, NEC	327212

3231	Glass Products Made of Purchased Glass	32721
3241	Cement, Hydraulic	32731
3251	Brick and Structural Clay Tile (except slumped brick)	32712
3253	Ceramic Wall and Floor Tile	32712
3255	Clay Refractories	32712
3259	Structural Clay Products, NEC	32712
3261	Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories	32711
3262	Vitreous China Table and Kitchen Articles	32711
3264	Porcelain Electrical Supplies	32711
3271	Concrete Block and Brick	32733
3272	Concrete Products, Except Block and Brick (concrete products, except dry mix concrete and pipe)	32739
3272	Concrete Products, Except Block and Brick (concrete pipe)	32733
3273	Ready-Mixed Concrete	32732
3274	Lime	32741
3275	Gypsum Products	32742
3281	Cut Stone and Stone Products	32799
3291	Abrasive Products (except steel wool with or without soap)	32791
3292	Asbestos Products (asbestos brake linings and pads)	33634
3295	Minerals and Earths, Ground or Otherwise Treated (except grinding, washing, separating, etc. of nonmetallic minerals)	32799
3296	Mineral Wool	32799
3297	Nonclay Refractories	32712
3299	Nonmetallic Mineral Products, NEC (moldings, ornamental and architectural plaster work and gypsum statuary )	32742
3299	Nonmetallic Mineral Products, NEC (except moldings, ornamental and architectural plaster work, clay and gypsum statuary)	32799
3312	Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills (except coke ovens not integrated with steel mills and hot rolling purchased steel)	33111
3313	Electrometallurgical Products, Except Steel	33111
3315	Steel Wiredrawing and Steel Nails and Spikes (steel, wire drawing)	33122
3315	Steel Wiredrawing and Steel Nails and Spikes (nails, spikes, paper clips, and wire not made in wiredrawing plants)	33261
	when hot made in whedrawing plants)	

3316	Cold-Rolled Steel Sheet, Strip and Bars	331221
3317	Steel Pipe and Tubes	33121
3321	Gray and Ductile Iron Foundries	331511
3324	Steel Investment Foundries	331512
3325	Steel Foundries, NEC	331513
3331	Primary Smelting and Refining of Copper	331411
3334	Primary Production of Aluminum	331312
3339	Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum	331419
3341	Secondary Smelting and Refining of Nonferrous Metals (except copper and aluminum)	331492
3351	Rolling, Drawing, and Extruding of Copper	331421
3353	Aluminum Sheet, Plate, and Foil	331315
3354	Aluminum Extruded Products	331316
3356	Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum	331491
3357	Drawing and Insulating of Nonferrous Wire (aluminum wire drawing)	331319
3357	Drawing and Insulating of Nonferrous Wire (copper wire drawing)	331422
3357	Rolling, Drawing and Extruding of Nonferrous Metals, Except Copper and Aluminum	331491
3357	Drawing and Insulating of Nonferrous Wire (fiber optic cable-insulating only)	335921
3357	Drawing and Insulating of Nonferrous Wire (communication and energy wire, except fiber optic-insulating only)	335929
3363	Aluminum Die-Castings	331522
3364	Nonferrous Die-Castings, Except Aluminum	331522
3365	Aluminum Foundries	331524
3366	Copper Foundries	33152
3369	Nonferrous Foundries, Except Aluminum and Copper	33152
3398	Metal Heat Treating	33281
3399	Primary Metal Products, NEC (making ferrous metal powder, paste, and flake from purchased iron or steel)	33122
3399	Primary Metal Products, NEC (aluminum powder, paste, flakes, etc.)	331314
3399	Primary Metal Products, NEC (copper powders, flakes, paste, etc.)	331423

3399	Primary Metal Products, NEC (laminating steel)	332813
3411	Metal Cans	332432
3421	Cutlery (tool-type shears)	332212
3423	Hand and Edge Tools, Except Machine Tools and Handsaws	332212
3425	Saw Blades and Handsaws	332213
3429	Hardware, NEC (other hardware)	33251
3429	Metal Shipping Barrels, Drums, Kegs, and Pails	332439
3429	Hardware, NEC (hose nozzles)	332919
3429	Hardware, NEC (luggage and utility racks)	336399
3431	Enameled Iron and Metal Sanitary Ware	332998
3432	Plumbing Fixture Fittings and Trim (except shower rods and lawn hose nozzles)	332913
3432	Plumbing Fixture Fittings and Trim (lawn hose nozzles)	33291
3433	Heating Equipment, Except Electric and Warm Air Furnaces	333414
3441	Fabricated Structural Metal	33231
3442	Metal Doors, Sash, Frames, Molding and Trim	33232
3443	Fabricated Plate Work (Boiler Shops) (heavy gauge tanks)	33242
3443	Fabricated Plate Work (Boiler Shops) (fabricated plate work and metal weldments)	33231
3444	Sheet Metal Work (ducts, flumes, flooring, siding, dampers, etc.)	33232
3444	Metal Shipping Barrels, Drums, Kegs, and Pails	33243
3448	Prefabricated Metal Buildings and Components	33231
3449	Miscellaneous Structural Metal Work (custom roll forming)	33211
3451	Screw Machine Products	33272
3452	Bolts, Nuts, Screws, Rivets, and Washers	33272
3462	Iron and Steel Forgings	33211
3463	Nonferrous Forgings	33211
3465	Automotive Stampings	33637
3466	Crowns and Closures	33211
3469	Metal Stampings, NEC (except kitchen utensils, pots and pans for cooking, and coins)	33211
3469	Metal Stampings, NEC (kitchen utensils, pots, and pans for cooking)	33221
3479	Coating, Engraving, and Allied Services, NEC (except jewelry, silverware, and flatware engraving and etching)	33281

3479	Coating, Engraving, and Allied Services, NEC (jewelry engraving and etching, including precious metal)	339911
3479	Coating, Engraving, and Allied Services, NEC (silver and plated ware engraving and etching)	339912
3479	Coating, Engraving, and Allied Services, NEC (costume jewelry engraving and etching)	339914
3482	Small Arms Ammunition	332992
3483	Ammunition, Except for Small Arms	332993
3489	Ordnance and Accessories, NEC	332995
3491	Industrial Valves	332911
3492	Fluid Power Valves and Hose Fittings	332912
3493	Steel Springs, Except Wire	332611
3495	Wire Springs (except watch and clock springs)	332612
3496	Miscellaneous Fabricated Wire Products (grocery carts)	333924
3497	Metal Foil and Leaf (laminated aluminum foil rolls and sheets for flexible packaging uses)	322225
3498	Fabricated Pipe and Pipe Fittings	332996
3499	Fabricated Metal Products, NEC (metal motor vehicle seat frames)	33636
3499	Fabricated Metal Products, NEC (powder metallurgy)	332117
3511	Steam, Gas, and Hydraulic Turbines, and Turbine Generator Set Units	333611
3523	Farm Machinery and Equipment (corrals, stalls, and holding gates)	332323
3524	Lawn and Garden Tractors and Home Lawn and Garden Equipment (except nonpowered lawnmowers)	333112
3531	Construction Machinery and Equipment (except railway track maintenance equipment; winches, aerial work platforms; and automotive wrecker hoists)	33312
3531	Construction Machinery and Equipment (railway track maintenance equipment)	33651
3531	Construction Machinery and Equipment (winches, aerial work platforms, and automobile wrecker hoists)	333923
3532	Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment	333131
3533	Oil and Gas Field Machinery and Equipment	333132
3534	Elevators and Moving Stairways	333921
3535	Conveyors and Conveying Equipment	333922
3537	Industrial Trucks, Tractors, Trailers, and Stackers (metal air cargo containers)	332439

3541	Machine Tools, Metal Cutting Type	333512
3542	Machine Tools, Metal Forming Type	333513
3543	Industrial Patterns	332997
3544	Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds (industrial molds)	333511
3544	Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds (except molds)	333514
3545	Hand and Edge Tools, Except Machine Tools and Handsaws	332212
3545	Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices (except precision measuring devices)	333515
3546	Power-Driven Handtools	333991
3547	Rolling Mill Machinery and Equipment	333516
3548	Electric and Gas Welding and Soldering Equipment (except transformers for arc-welding)	333992
3548	Electric and Gas Welding and Soldering Equipment (transformers for arc-welders)	335311
3549	Metalworking Machinery, NEC	333518
3552	Textile Machinery	333292
3553	Woodworking Machinery	33321
3554	Paper Industries Machinery	333291
3555	Printing Trades Machinery and Equipment	333293
3556	Food Products Machinery	333294
3559	Special Industry Machinery, NEC (nuclear control drive mechanisms)	33241
3559	Special Industry Machinery, NEC (rubber and plastics manufacturing machinery)	33322
3559	Industrial and Commercial Machinery and Equipment, NEC (cotton ginning machinery)	333111
3559	Special Industry Machinery, NEC (semiconductor machinery manufacturing)	333295
3559	Special Industry Machinery, NEC (except rubber and plastics manufacturing machinery, semiconductor manufacturing machinery, and automotive maintenance equipment)	333298
3559	Special Industry Machinery, NEC (automotive maintenance equipment)	333319
3561	Pumps and Pumping Equipment	333911
3562	Ball and Roller Bearings	332992
3563	Air and Gas Compressors	333912

3564	Calculating and Accounting Machinery, Except Electronic Computers (except point of sales terminals and funds transfer devices)	333313
3564	Industrial and Commercial Fans and Blowers and Air Purification Equipment (air purification equipment)	333411
3564	Industrial and Commercial Fans and Blowers and Air Purification Equipment (fans and blowers)	333412
3565	Packaging Machinery	333993
3566	Speed Changers, Industrial High-Speed Drives, and Gears	333612
3567	Industrial Process Furnaces and Ovens	333994
3568	Mechanical Power Transmission Equipment, NEC	333613
3569	Industrial and Commercial Machinery and Equipment, NEC (other industrial and commercial machinery and equipment)	333999
3571	Electronic Computers	334111
3572	Computer Storage Devices	334112
3575	Computer Terminals	334113
3577	Computer Peripheral Equipment, NEC (plotter controllers)	334418
3577	Computer Peripheral Equipment, NEC (magnetic tape cleaners)	33461
3578	Calculating and Accounting Machines, Except Electronic Computers (change making machines)	333311
3578	Calculating and Accounting Machinery, Except Electronic Computers (except point of sales terminals and funds transfer devices)	333313
3578	Computer Peripheral Equipment, NEC	334119
3579	Calculating and Accounting Machinery, Except Electronic Computers (except point of sales terminals and funds transfer devices)	33331
3579	Wire Springs (clock and watch springs)	33451
3579	Public Buildings and Related Furniture (blackboards)	33994
3582	Commercial Laundry, Drycleaning and Pressing Machines	33331
3585	Fabricated Plate Work (Boiler Shops) (metal cooling towers)	33341
3585	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment (motor vehicle air-conditioning)	33639
3586	Measuring and Dispensing Pumps	333913
3589	Special Industry Machinery, NEC (automotive maintenance equipment)	333319
3592	Carburetors, Pistons, Piston Rings, and Valves	33631
3593	Fluid Power Cylinders and Actuators	333995
3594	Fluid Power Pumps and Motors	333996

3596	Scales and Balances, Except Laboratory	333997
3599	Industrial and Commercial Machinery and Equipment, NEC (machine shops)	33271
3599	Abrasive Products (steel wool with or without soap)	332999
3599	Special Industry Machinery, NEC (automotive maintenance equipment)	333319
3599	Industrial and Commercial Machinery and Equipment, NEC (other industrial and commercial machinery and equipment)	333999
3599	Internal Combustion Engines, NEC (stationary engine radiators)	336399
3612	Electric and Gas Welding and Soldering Equipment (transformers for arc-welders)	335311
3613	Switchgear and Switchboard Apparatus	335313
3621	Motors and Generators	335312
3624	Carbon and Graphite Products	335991
3625	Relays and Industrial Controls	335314
3629	Electrical Industrial Apparatus, NEC	335999
3631	Household Cooking Equipment	335221
3632	Household Refrigerators and Home and Farm Freezers	335222
3633	Household Laundry Equipment	335224
3634	Electric Housewares and Fans (except wall and baseboard heating units for permanent installation and electronic cigarette lighters)	335211
3639	Household Appliances, NEC (household sewing machines)	333298
3639	Household Appliances, NEC (floor waxing and floor polishing machines)	335212
3639	Household Appliances, NEC (except floor waxing and floor polishing machines, and household sewing machines)	335228
3641	Electric Lamp Bulbs and Tubes	33511
3643	Current-Carrying Wiring Devices	335931
3644	Noncurrent-Carrying Wiring Devices (except fishwire, electrical wiring tool)	335932
3645	Residential Electric Lighting Fixtures	335121
3646	Commercial, Industrial, and Institutional Electric Lighting Fixtures	335122
3647	Vehicular Lighting Equipment	336321
3648	Lighting Equipment, NEC	335129
3651	Household Audio and Video Equipment	33431
3652	Phonograph Records and Prerecorded Audio Tapes and Disks (integrated record companies, except duplication only)	51222
3652	Phonograph Records and Prerecorded Audio Tapes and Disks (reproduction	334612

	of all other media except video)	
3661	Telephone and Telegraph Apparatus (except telephone transformers and consumer external modems)	33421
3661	Telephone and Telegraph Apparatus (telephone transformers)	33441
3661	Electronic Components, NEC (printed circuit/electronic assembly manufacturing)	33441
3663	Radio and Television Broadcasting and Communications Equipment	33422
3669	Communications Equipment, NEC	33429
3671	Electron Tubes	33441
3672	Printed Circuit Boards	33441
3674	Semiconductors and Related Devices	33441
3675	Electronic Capacitors	33441
3676	Electronic Resistors	33441
3677	Telephone and Telegraph Apparatus (telephone transformers)	33441
3678	Electronic Connectors	33441
3679	Radio and Television Broadcasting and Communication Equipment	33422
3679	Electronic Components, NEC (radio headphones)	33431
3679	Electronic Components, NEC (printed circuit/electronic assembly manufacturing)	33441
3679	Electronic Components, NEC (other electronic components)	33441
3679	Electronic Components, NEC (electronic control modules for motor vehicles)	33632
3691	Storage Batteries	33591
3692	Primary Batteries, Dry and Wet	33591
3694	Electrical Equipment for Internal Combustion Engines	33632
3699	Special Industry Machinery, NEC (automotive maintenance equipment)	33331
3699	Electrical Machinery, Equipment and Supplies, NEC (outboard electric motors)	33361
3699	Computer Peripheral Equipment, NEC	33411
3699	Electrical Machinery, Equipment, and Supplies, NEC (Christmas tree lighting sets, electric insect lamps, electric fireplace logs, and trouble lights)	33512
3699	Electrical Industrial Apparatus, NEC	33599
3711	Motor Vehicles and Passenger Car Bodies (heavy duty trucks)	33612
3711	Motor Vehicles and Passenger Car Bodies (automobiles)	33611

3711		
	Motor Vehicles and Passenger Car Bodies (light trucks and utility vehicles)	336112
3711	Motor Vehicles and Passenger Car Bodies (kit car and other passenger car bodies)	336211
3711	Motor Vehicles and Passenger Car Bodies (military armored vehicles)	336992
3714	Motor Vehicle Parts and Accessories (steering and suspension parts)	33633
3714	Asbestos Products (asbestos brake linings and pads)	33634
3714	Motor Vehicle Parts and Accessories (transmissions and power train parts, including rebuilding)	33635
3714	Motor Vehicles and Passenger Car Bodies (kit car and other passenger car bodies)	336211
3714	Motor Vehicle Parts and Accessories (gasoline engines and engine parts including rebuilt)	336312
3714	Electronic Components, NEC (electronic control modules for motor vehicles)	336322
3714	Internal Combustion Engines, NEC (stationary engine radiators)	336399
3715	Truck Trailers	336212
3716	Motor Homes	336213
3721	Aircraft (except research and development)	336411
3724	Aircraft Engines and Engine Parts (except research and development)	336412
3728	Guided Missiles and Space Vehicles (except research and development)	336413
3731	Ship Building and Repairing (except floating dry docks not associated with shipyards)	336611
3732	Boat Building and Repairing (boat building)	336612
3743	Railroad Equipment (except locomotive fuel lubricating or cooling medium pumps)	33651
3761	Guided Missiles and Space Vehicles (except research and development)	336414
3764	Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts (except research and development)	336415
3769	Guided Missile and Space Vehicle Parts and Auxiliary Equipment (except research and development)	336419
3792	Travel Trailers and Campers	336214
3799	Transportation Equipment, NEC (except automobile, boat, utility light truck trailers, trailer hitches, and wheelbarrows)	336999
3812	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments	334511

	Environments and Appliances	
2022		224517
3823	Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products	334513
3825	Telephone and Telegraph Apparatus (telephone transformers)	33441
3825	Instruments for Measuring and Testing of Electricity and Electrical Signals (except automotive ammeters and voltmeters)	33451
3826	Laboratory Analytical Instruments	33451
3827	Optical Instruments and Lenses	33331
3829	Measuring and Controlling Devices, NEC (motor vehicle gauges)	33451
3829	Measuring and Controlling Devices, NEC (except medical thermometers, electronic chronometers and motor vehicle gauges)	33451
3829	Surgical and Medical Instruments and Apparatus	33911
3841	Surgical and Medical Instruments and Apparatus (tranquilizer guns)	33299
3841	Surgical and Medical Instruments and Apparatus	33911
3842	Orthopedic, Prosthetic and Surgical Appliances and Supplies (electronic hearing aids)	33451
3843	Dental Equipment and Supplies	33911
3844	X-Ray Apparatus and Tubes and Related Irradiation Apparatus	33451
3851	Ophthalmic Goods (except intra ocular lenses)	33911
3861	Photographic Equipment and Supplies (photographic films, paper, plates and chemicals)	32599
3861	Photographic Equipment and Supplies (except photographic film, paper, plates and chemicals)	33331
3873	Watches, Clocks, Clockwork Operated Devices, and Parts	33451
3915	Jewelers' Findings and Materials, and Lapidary Work (except watch jewels)	33991
3931	Musical Instruments	33999
3942	Dolls and Stuffed Toys	33993
3944	Games, Toys, and Children's Vehicles, Except Dolls and Bicycles (metal tricycles)	33699
3949	Sporting and Athletic Goods, NEC	33992
3951	Pens, Mechanical Pencils, and Parts	33994
3953	Marking Devices	33994
3955	Carbon Paper and Inked Ribbons	33994
3965	Fasteners, Buttons, Needles, and Pins	33999

3991	Brooms and Brushes	339994
3993	Signs and Advertising Specialties (signs)	33995
3995	Burial Caskets	33999
3996	Fabricated Rubber Products, NEC (rubber resilient floor coverings)	32619
3999	Manufacturing Industries, NEC (human hair clippers, hand operated)	33221
3999	Manufacturing Industries, NEC (other miscellaneous metal products, such as combs, hair curlers, etc.)	33299
4111	Local and Suburban Transit (mixed mode)	48511
4111	Local and Suburban Transit (commuter rail)	48511
4111	Local and Suburban Transit (bus and motor vehicle)	48511
4111	Local and Suburban Transit (other than mixed mode, commuter rail, and bus and motor vehicle)	48511
4111	Local and Suburban Transit (airport transportation service)	48599
4121	Taxicabs	48531
4131	Intercity and Rural Bus Transportation	48521
4212	Local Trucking without Storage (general freight)	48411
4212	Local Trucking Without Storage (household goods moving)	48421
4212	Local Trucking without Storage (specialized freight)	48422
4212	Solid Waste Collection Without Disposal	56211
4212	Refuse Systems (solid waste collection)	56211
4212	Refuse Systems (hazardous waste collection)	56211
4213	Local Trucking Without Storage (household goods moving)	48421
4213	Trucking, Except Local (specialized freight)	48423
4213	Trucking, Except Local (general freight, truckload)	48412
4213	Trucking, Except Local (general freight, less than truckload)	48412
4215	Courier Services, Except by Air (hub and spoke intercity delivery)	49211
4215	Courier Services, Except by Air (local delivery)	49221
4225	General Warehousing and Storage (all but self-storage miniwarehouse warehousing)	49311
4225	General Warehousing and Storage (miniwarehouses and self-storage units)	53113
4311	United States Postal Service	49111
4491	Marine Cargo Handling (dock and pier operations)	48831
4491	Marine Cargo Handling (all but dock and pier operations)	48832

4512	Air Transportation, Scheduled (passenger)	481111
4512	Air Transportation, Scheduled (freight)	481112
4513	Courier Services, Except by Air (hub and spoke intercity delivery)	49211
4812	Radio Communications (paging and cellular resellers)	51333
4812	Radiotelephone Communications (paging carriers)	513321
4812	Radiotelephone Communications (cellular carriers)	513322
4813	Telephone Communications, Except Radiotelephone (except resellers)	51331
4813	Radio Communications (paging and cellular resellers)	51333
4832	Radio Broadcasting Stations (networks)	513111
4832	Radio Broadcasting Stations (except networks)	513112
4833	Television Broadcasting Stations	51312
4911	Electric Services (hydroelectric power generation)	221111
4911	Electric Services (fossil fuel power generation)	221112
4911	Electric Services (nuclear electric power generation)	221113
4911	Electric Services (other electric power generation)	221119
4911	Electric Services (electric power transmission and control)	221121
4911	Electric Services (electric power distribution)	221122
4923	Natural Gas Transmission and Distribution (distribution)	22121
4923	Natural Gas Transmission	48621
4924	Natural Gas Transmission and Distribution (distribution)	22121
4931	Natural Gas Transmission and Distribution (distribution)	22121
4931	Electric Services (hydroelectric power generation)	221111
4931	Electric Services (fossil fuel power generation)	221112
4931	Electric Services (nuclear electric power generation)	221113
4931	Electric Services (other electric power generation)	221119
4931	Electric Services (electric power transmission and control)	221121
4931	Electric Services (electric power distribution)	221122
4939	Natural Gas Transmission and Distribution (distribution)	22121
4939	Electric Services (hydroelectric power generation)	221111
4939	Electric Services (fossil fuel power generation)	221112
4939	Electric Services (nuclear electric power generation)	221113
4939	Electric Services (other electric power generation)	221119

4939	Electric Services (electric power transmission and control)	221121
4939	Electric Services (electric power distribution)	221122
4953	Sanitary Services, NEC (remediation services)	56292
4953	Solid Waste Collection When Combined with Disposal	562111
4953	Refuse Systems (solid waste collection)	562112
4953	Refuse Systems (hazardous waste collection)	562119
4953	Hazardous Waste Treatment and Disposal	562211
4953	Refuse Systems (hazardous waste treatment and disposal)	562212
4953	Refuse Systems (solid waste landfills)	562213
4953	Refuse Systems (solid waste combustors and incinerators)	562219
4959	Malaria Control and Mosquito Eradication	56171
4959	Remediation Services	56291
4959	Airports, Flying Fields, and Airport Terminal Services (airfreight handling at airports, hangar operations, airport terminal services, aircraft storage, airports, and flying fields)	488119
4959	Repair Shops and Related Services, NEC (cesspool cleaning, sewer cleaning and rodding)	562998
5012	Automobiles and Other Motor Vehicles	42111
5033	Roofing, Siding, and Insulation Materials	42133
5039	Construction Materials, NEC (sold via wholesale method)	42139
5039	Lumber, Plywood, Millwork, and Wood Panels (Wholesale) (sold via retail method)	44419
5043	Photographic Equipment and Supplies	42141
5045	Computers and Computer Peripherals Equipment and Software (except computers, equipment, and software sold via retail method)	42143
5045	Computers and Computer Peripheral Equipment and Software (sold via retail method)	44312
5063	Electrical Apparatus and Equipment, Wiring Supplies and Construction Materials (except electrical supplies sold via retail method)	42161
5063	Lumber, Plywood, Millwork, and Wood Panels (Wholesale) (sold via retail method)	44419
5064	Electrical Appliances, Television and Radio Sets	42162
5065	Electronic Parts and Equipment, NEC	42169
5074	Plumbing and Heating Equipment and Supplies (Hydronics) (except plumbing equipment sold via retail method)	42172

5074	Lumber, Plywood, Millwork, and Wood Panels (Wholesale) (sold via retail method)	44419
5075	Warm Air Heating and Air-Conditioning Equipment and Supplies	42173
5078	Refrigeration Equipment and Supplies	42174
5084	Industrial Machinery and Equipment	42183
5085	Industrial Machinery and Equipment	42183
5085	Industrial Supplies (except fluid power accessories)	42184
5088	Transportation Equipment and Supplies, Except Motor Vehicles	42186
5093	Scrap and Waste Materials	42193
5112	Stationery and Office Supplies (except stationary and office supplies sold via retail method)	42212
5112	Professional Equipment and Supplies, NEC (school and church supplies sold via retail method)	45321
5137	Women's, Children's, and Infants' Clothing and Accessories	42233
5141	Groceries, General Line	42241
5149	Groceries and Related Products, NEC	42249
5153	Grain and Field Beans	42251
5162	Plastics Materials and Basic Forms and Shapes	42261
5169	Chemicals and Allied Products, NEC	42269
5172	Petroleum and Petroleum Products Wholesalers, Except Bulk Stations and Terminals	42272
5199	Nondurable Goods, NEC (except specialty advertising)	42299
5199	Advertising, NEC (except media buying, display advertising, except outdoor; and advertising material distributors)	54189
5211	Lumber, Plywood, Millwork, and Wood Panels (except construction materials sold via retail method)	42131
5211	Lumber and Other Building Materials Dealers (home center stores)	44411
5211	Lumber, Plywood, Millwork, and Wood Panels (Wholesale) (sold via retail method)	44419
5251	Hardware Stores	44413
5311	Department Stores	45211
5331	Miscellaneous General Merchandise Stores (except warehouse club and supermarket/general merchandise combination)	45299
5399	Miscellaneous General Merchandise Stores (warehouse clubs and supermarket/general merchandise combination)	45291

5399	Miscellaneous General Merchandise Stores (except warehouse club and supermarket/general merchandise combination)	45299
5411	Grocery Stores (except convenience stores and grocery stores with substantial general merchandise)	44511
5411	Grocery Stores (convenience stores without gas)	44512
5411	Gasoline Service Station (gasoline station with convenience store)	44711
5411	Miscellaneous General Merchandise Stores (warehouse clubs and supermarket/general merchandise combination)	45291
5441	Candy, Nut, and Confectionery Stores (chocolate candy stores, preparing on premises)	31133
5461	Retail Bakeries (bread, cake and related products baked and sold on premise)	311811
5461	Retail Bakeries (selling only)	445291
5461	Eating Places (cafeterias)	722213
5511	Motor Vehicle Dealers (New and Used)	44111
5621	Women's Clothing Stores	44812
5651	Family Clothing Stores	44814
5712	Wood Kitchen Cabinets	33711
5712	Furniture (Wholesale) (sold via the retail method)	44211
5712	Wood Household Furniture, Upholstered	337121
5712	Wood Household Furniture, Except Upholstered	337122
5719	Drapery, Curtain, and Upholstery Stores (drapery and curtain stores)	442291
5719	Miscellaneous Homefurnishings Stores (except pottery and crafts made and sold on site and frame shops, and window furnishings)	442299
5734	Computers and Computer Peripheral Equipment and Software (sold via retail method)	44312
5812	Dinner Theaters	71111
5812	Full Service Restaurants	72211
5812	Food Service Contractors	72231
5812	Eating Places (food service contractors)	72232
5812	Miscellaneous Food Stores (coffee shops making and serving food and beverages for immediate consumption)	722212
5812	Eating Places (cafeterias)	722213
5912	Drug Stores and Proprietary Stores	44611
5921	Liquor Stores	44531

5932	Used Merchandise Stores (except pawn shops)	45331
5932	Used Merchandise Stores (pawnshops)	522298
5941	Repair Shops and Related Services, NEC (bicycle sales locations providing supporting repair services as major source of receipts)	45111
5942	Book Stores	451211
5943	Professional Equipment and Supplies, NEC (school and church supplies sold via retail method)	45321
5945	Hobby, Toy, and Game Stores	45112
5949	Drapery, Curtain, and Upholstery Stores (upholstery materials)	45113
5961	Catalog and Mail-Order Houses	45411
5963	Meat and Fish (Seafood) Markets, Including Freezer Provisioners (freezer provisioners)	45439
5963	Eating Places (caterers)	72233
5984	Petroleum Bulk Stations and Terminals (LP gas sold to final consumer)	454312
5992	Florists	45311
5999	Service Establishment Equipment and Supplies (beauty and barber supplies sold via retail method)	44612
5999	Miscellaneous Retailer, NEC (rough gems)	44831
5999	Miscellaneous Retail Stores, NEC (pet and pet supplies)	45391
5999	Miscellaneous Retail Stores, NEC (art dealer)	45392
5999	Household Appliance Stores	443111
5999	Radio, Television, and Consumer Electronics Stores (except auto radios)	443112
5999	Medical, Dental, and Hospital Equipment and Supplies (sold via retail method)	446199
5999	Miscellaneous Retail Stores, NEC (except art, pet and pet supplies, hearing aids, artificial limbs, cosmetics, telephones, typewriters, personal appliances and rough gems)	453998
6021	National Commercial Banks (banking)	52211
6021	National Commercial Banks (trust services)	523991
6022	National Commercial Banks (banking)	52211
6022	State Commercial Banks (private and industrial banking)	52219
6022	National Commercial Banks (credit card issuing)	52221
6022	National Commercial Banks (trust services)	523991
6035	Savings Institutions, Federally Chartered	52212

6061	Credit Unions, Federally Chartered	52213
6062	Credit Unions, Federally Chartered	52213
6111	Branches and Agencies of Foreign Banks (international trade financing)	522293
6153	Personal Credit Institutions (installment sales finance)	52222
6159	Finance Leasing and Operating Leasing Combined	532
6159	Personal Credit Institutions (installment sales finance)	52222
6159	Branches and Agencies of Foreign Banks (international trade financing)	522293
6159	Used Merchandise Stores (pawnshops)	522298
6211	Security Brokers, Dealers, and Flotation Companies (securities dealers and underwriters)	52311
6211	Security Brokers, Dealers, and Flotation Companies (security brokers)	52312
6211	Securities Brokers, Dealers and Flotation Companies (except securities and commodity dealers)	52391
6211	Functions Related to Depository Banking, NEC (deposit brokers)	52399
6282	Investment Advice (portfolio managers)	52392
6282	Investment Advice (except portfolio managers)	52393
6311	Life Insurance (reinsurers)	52413
6311	Life Insurance (life insurers-direct)	52411
6324	Life Insurance (reinsurers)	52413
6324	Accident and Health Insurance (self insurers)	52519
6324	Hospital and Medical Service Plans (health and medical insurers-direct)	52411
6331	Life Insurance (reinsurers)	52413
6331	Accident and Health Insurance (self insurers)	52519
6331	Fire, Marine, and Casualty Insurance (fire, marine, and casualty insurers- direct)	52412
6371	Investment Advice (portfolio managers)	52392
6371	Pension, Health, and Welfare Funds (pension funds)	52511
6371	Pension, Health, and Welfare Funds (health and welfare funds)	52512
6371	Pension, Health, and Welfare Funds (administrators)	52429
6411	Insurance Agents, Brokers and Service (insurance agents and brokers)	52421
6411	Insurance Agents, Brokers and Service (insurance claims adjusters)	52429
6411	Pension, Health, and Welfare Funds (administrators)	52429
6411	Insurance Agents, Brokers and Service (except processors, agents and brokers, and claims adjusters)	52429
	46	

6512	Operators of Nonresidential Buildings (other except stadium and arena owners)	53112
6512	Stadium and Arena Owners	71131
6513	Operators of Apartment Buildings	53111
6531	Real Estate Agents Managers (agents and brokers)	53121
6531	Real Estate Agents and Managers (appraisers)	53132
6531	Real Estate Agents and Managers (except real estate managers, condominium management, cemetery management, agents and brokers, and appraisers)	53139
6531	Funeral Services and Crematories (funeral homes and services)	81222
6531	Political Organizations	81399
6531	Real Estate Agents and Managers (managers-residential, real estate)	53131
6531	Real Estate Agents and Managers (managers-nonresidential, real estate)	53131
6552	Land Subdividers and Developers, Except Cemeteries	23311
6719	Offices of Holding Companies, NEC	55111
6732	Education, Religious, and Charitable Trusts	81321
6798	Real Estate Investment Trusts	52593
7011	Hotels and Motels, except Casino Hotels	72111
7011	Organization Hotels and Lodging Houses, on Membership Basis (hotels)	72112
7011	Bed and Breakfast Inns	72119
7011	Hotels and Motels (bed and breakfast inns)	72119
7032	Recreational Vehicle Parks and Campgrounds	72121
7218	Laundry and Garment Services, NEC, (diaper service)	81233
7231	Beauty and Cosmetology Schools	61151
7231	Barber Shops (except barber colleges)	81211
7231	Beauty Shops (except beauty and cosmetology schools and manicure and pedicure salons)	81211
7322	Business Services, NEC (business service centers, except private mail centers and mail box rental)	56144
7322	Adjustment Bureaus	56149
7331	Direct Mail Advertising Services	54186
7349	Disinfecting and Pest Control Services (exterminating and pest control)	56172
7359	Equipment Rental and Leasing, NEC (appliances, TV, VCR, and electronic equipment rental)	53221

7359	Equipment Rental and Leasing, NEC (general rental centers)	53231
7359	Equipment Rental and Leasing (office machine rental and leasing)	53242
7359	Medical Equipment Rental and Leasing (medical machinery and equipment)	53249
7359	Equipment Rental and Leasing, NEC (except transportation equipment, industrial equipment, and consumer electronics, appliances and home and garden equipment)	532299
7359	Water Transportation Services, NEC (boat and ship rental, commercial)	532412
7359	Heavy Construction Equipment Rental and Leasing (without operators)	532412
7359	Equipment Rental and Leasing, NEC	56149
7359	Portable Toilet Rental	56299
7371	Computer Programming Services	54151
7372	Prepackaged Software (software publishing)	51121
7372	Prepackaged Software (reproduction of software)	33461
7373	Computer Integrated Systems Design	54151
7374	Computer Processing and Data Preparation and Processing Services	51421
7375	Information Retrieval Services	51419
7378	Computers and Computer Peripheral Equipment and Software (sold via retail method)	44312
7378	Electrical and Electronic Repair Shops, NEC (consumer equipment except computer, TV, stereo, VCR, and radio)	81121
7379	Business Services, NEC (audio taping services)	51229
7379	Business Services, NEC (drafting service)	54134
7379	Business Services, NEC (map making services)	54137
7379	Business Services, NEC (interior design)	54141
7379	Business Services, NEC (industrial design)	54142
7379	Business Services, NEC (fashion, furniture, and other design services)	54149
7379	Automobile Parking	81299
7379	Business Services, NEC (process services, patent agents, notaries public, paralegal services )	54119
7379	Computer Integrated Systems Design	54151
7379	Computer Related Services, NEC (except computer systems consultants)	54151
7389	Business Services, NEC (recording studios)	51224
7521	Photofinishing Laboratories (one-hour)	81293
7534	Tire Retreading and Repair Shops (rebuilding)	32621

7539	Automotive Transmission Repair Shops	811118
7623	Commercial Refrigerator Equipment Repair	81131
7623	Household Appliance Stores	443111
7623	Repair Shops and Related Services, NEC (lawnmower repair shops, sharpening and repairing knives, saws and tools)	811412
7641	Repairs Shops and Related Services, NEC (gas appliance repair service, sewing machine repair, stove repair shops, and other non-electrical appliance)	81142
7694	Repair	81131
7694	Motors and Generators	335312
7699	Livestock Services, Except Veterinary (except custom slaughtering)	11521
7699	Repair Shops and Related Services, NEC (bicycle sales locations providing supporting repair services as major source of receipts)	45111
7699	Water Transportation Services, NEC (all but lighthouse operations, piloting vessels in and out of harbors, boat and ship rental, and marine salvage)	48839
7699	Carpet and Upholstery Cleaning	56179
7699	Other Non-Automotive Transportation Equipment and Industrial Machinery and Equipment	81131
7699	Reupholstery and Furniture Repair	81143
7699	Repair Shops and Related Services (leather goods repair shops, luggage repair shops, pocketbook repair shops)	81149
7699	Electrical Work (burglar and fire alarm installation)	561622
7699	Cesspool Cleaning, Sewer Cleaning and Rodding	562992
7699	Electrical and Electronic Repair Shops, NEC (consumer equipment except computer, TV, stereo, VCR, and radio)	811212
7699	Electrical and Electronic Repair Shops, NEC (telephone set repair)	811219
7699	Lawnmower Repair Shops, Sharpening and Repairing Knives, Saws and Tools	811411
7699	Repair Shops and Related Services, NEC (lawnmower repair shops, sharpening and repairing knives, saws and tools)	811412
7812	Motion Picture and Video Tape Production	51211
7841	Video Tape Rental	53223
7929	Theatrical Producers (Except Motion Pictures) and Miscellaneous Theatrical Services (ballet and dance companies)	71113
7929	Bands, Orchestras, Actors, and Entertainment Groups (musical groups and artists and orchestras)	71119

7929	Actors and Actresses	71151
7941	Stadium Operators	71131
7941	Professional Sports Clubs and Promoters (stadium operators)	71132
7941	Sports Agents	71141
7941	Professional Sports Clubs	711211
7941	Racing, Including Track Operations (track operations)	711219
7996	Amusement Parks	71311
7997	Golf Clubs	71391
7997	Marinas	71394
7997	Bowling Centers	71399
7999	Air Transportation, Non-Scheduled (sightseeing planes)	48799
7999	Bands, Orchestras, Actors, and Entertainment Groups (musical groups and artists and orchestras)	71119
7999	Membership Sports and Recreation Clubs (golf clubs)	71392
7999	Business Services, NEC (convention and visitors bureaus, tourist information bureaus)	56159
7999	Racing, Including Track Operations (track operations)	711219
8011	Kidney Dialysis Centers	621493
8031	Offices of Doctors of Osteopathy, Except Mental Health	621111
8051	Continuing Care Retirement Communities	62331
8052	Other Intermediate Care Facilities	62311
8052	Mental Retardation Facilities	62321
8052	All Other Skilled Nursing Care Facilities	62331
8059	Other Nursing and Personal Care Facilities	62311
8059	Continuing Care Retirement Communities	62331
8062	General Medical and Surgical Hospitals	62211
8063	Psychiatric Hospitals	62221
8069	Children's Hospitals	62211
8072	Dental Laboratories	339110
8082	Home Health Care Services	62161
8093	Family Planning Centers	62141
8099	Blood and Organ Banks	62199
8111	Legal Services	54111

8211	Elementary and Secondary Schools	61111
8221	Colleges, Universities, and Professional Schools	61131
8222	Junior Colleges and Technical Institutes	61121
8231	Libraries	51412
8244	Business and Secretarial Schools	61141
8299	Barber Shops (barber colleges)	61151
8322	Child and Youth Services	62411
8322	Civic, Social, and Fraternal Organizations (youth development organizations)	62412
8322	Individual and Family Social Services (services for the elderly and disabled)	62419
8322	Community Food Services	62421
8322	Individual and Family Social Services (housing services except temporary shelter)	62423
8322	Correctional Institutions	92215
8322	Temporary Shelter	62422
8322	Individual and Family Social Services (temporary shelter)	62422
8331	Job Training and Vocational Rehabilitation Services	62431
8351	Child Day Care Services	62441
8399	Educational, Religious, and Charitable Trust	81321
8399	Social Services, NEC (voluntary health organizations)	81321
8399	Human Rights Organizations	81331
8399	Social Services, NEC (human rights organizations and )	81331
8399	Membership Organizations, NEC (humane societies)	81331
8412	Museums	71211
8412	Museums and Art Galleries (except historic and heritage sites)	71212
8422	Museums and Art Galleries (historic and heritage sites)	71213
8422	Arboreta and Botanical and Zoological Gardens (except nature parks and reserves)	71219
8611	Business Associations	81391
8621	Membership Organizations, NEC (farm business organizations)	81392
8631	Professional Membership Organizations	81393
8641	Youth Development Organizations	62411
8641	Civic and Social Associations	81341
8641	Political Organizations	81399

8641	Executive and Legislative Office, Combined	92115
8651	Labor Unions and Similar Labor Organizations	81394
8661	Religious Organizations	81311
8699	Farm Granges	81341
8699	Farm Business Organizations	81391
8699	Political Organizations	81399
8699	Business Services, NEC (convention and visitors bureaus, tourist information bureaus)	561599
8699	Humane Societies	813312
8711	Engineering Services	54133
8712	Architectural Services	54131
8721	Accounting, Auditing, and Bookkeeping Services (auditing accountants)	541211
8721	Services Allied to Motion Picture Production (talent payment services)	541214
8721	Accounting, Auditing, and Bookkeeping Services (other accounting services)	541219
8731	Commercial Physical and Biological Research (physical and engineering sciences)	54171
8731	Commercial Physical and Biological Research (life sciences)	54172
8732	Commercial Economic, Sociological, and Educational Research (social sciences and humanities)	54173
8732	Commercial Economic, Sociological, and Educational Research (market research and opinion research)	54191
8733	Commercial Physical and Biological Research (physical and engineering sciences)	54171
8733	Commercial Physical and Biological Research (life sciences)	54172
8733	Commercial Economic, Sociological, and Educational Research (social sciences and humanities)	54173
8741	Management Services (except construction management)	56111
8742	Management Consulting Services (administrative management and general management consulting)	541611
8742	Management Consulting Services (human resources and personnel management consulting)	541612
8742	Management Consulting Services (marketing consulting)	541613
8742	Management Consulting Services (manufacturing management, physical distribution, and site location consulting)	541614
8743	Public Relations Services	54182

8748	Landscape Counseling and Planning (horticulture consulting)	54169
8748	Educational Test Development and Evaluation Services, Educational Testing, and Educational Consulting	61171
8748	Arrangement of Transportation of Freight and Cargo (freight rate-auditors and tariff consulting)	541618
9111	Executive Offices	92111
9121	Legislative Bodies	92112
9131	Public Finance, Taxation, and Monetary Policy	92114
9199	Civic, Social, and Fraternal Organizations (pt) (Indian Tribal Councils)	92119
9223	Legal Counsel and Prosecution	92214
9411	Administration of Educational Programs	92311
9431	Administration of Public Health Programs	92312
9451	Administration of Social, Human Resource and Income Maintenance Programs	92314
9511	Air and Water Resource and Solid Waste Management	92411
9512	Air and Water Resource and Solid Waste Management	92412
9531	Administration of Housing Programs	92511
9532	Administration of Housing Programs	92512
9611	Administration of General Economic Programs	92611
9621	Administration of General Economic Programs	92612
9621	Airports, Flying Fields, and Airport Terminal Services (private air traffic control)	488111
9631	Regulations and Administration of Transportation Programs (except air traffic control)	92613
9711	National Security	92811
9721	International Affairs	92812
*	Food Manufacturing	311
*	Beverage and Tobacco Product Manufacturing	312
*	Textile Mills	313
*	Textile Product Mills	314
*	Apparel Manufacturing	315
*	Leather and Allied Product Manufacturing	316
*	Wood Product Manufacturing	321
*	Paper Manufacturing	322

*	Printing and Related Support Activities	323
*	Petroleum and Coal Products Manufacturing	324
*	Chemical Manufacturing	325
*	Plastics and Rubber Products Manufacturing	326
*	Nonmetallic Mineral Product Manufacturing	327
*	Primary Metal Manufacturing	331
*	Fabricated Metal Product Manufacturing	332
*	Machinery Manufacturing	333
*	Computer and Electronic Product Manufacturing	334
*	Electrical Equipment, Appliance, and Component Manufacturing	335
*	Transportation Equipment Manufacturing	336
*	Furniture and Related Product Manufacturing	337
*	Miscellaneous Manufacturing	339

# 4(b) Information Requested

# JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

Organizations interested in joining the ENERGY STAR Program may be asked to submit a Letter or Agreement describing their commitment to promoting energy efficiency. They also may be asked to undertake related activities, as described below.

# **Commercial and Industrial Sector Partners**

In order to join ENERGY STAR, organizations in the commercial and industrial sectors are asked to complete and submit a Partnership Letter to EPA (see http://www.energystar.gov/ia/ business/partnership\_letter.doc). These Partners agree to baseline, track, and benchmark their organization's energy performance by using tools such as those offered by ENERGY STAR; develop and implement a plan to reduce energy intensity across their facilities and operations by following the energy management strategy provided through ENERGY STAR; and educate their staff and the public about their Partnership in ENERGY STAR, and highlight their achievements with recognition offered through ENERGY STAR.

# (i) Data items

- A Partnership Letter that includes the following information:
  - Organization's name;
  - Contact information on organization's Chief Executive;
  - Contact information on organization's Energy Manager;
  - Contact information on organization's Communications Director (if

applicable);

- Description of organization (i.e., a checklist);
- Total amount of building/facility square footage owned, leased, managed, and/or franchised to others; and
  - Brief explanation of how organization learned about ENERGY STAR.
- An energy management plan that includes strategies for carrying out energy efficient activities.

# (ii) **Respondent activities**

- To join ENERGY STAR, organizations are asked to:
  - Review the instructions of the Partnership Letter;
  - Complete the Partnership Letter; and
  - Return the Partnership Letter to EPA.
- Partners may prepare and follow an energy management plan.

# **Service and Product Providers**

SPPs interested in joining ENERGY STAR complete and submit a Partnership Agreement to EPA. The SPPs commit to promote and use ENERGY STAR in a manner consistent with the national ENERGY STAR efforts and specifically agree to follow all applicable terms and conditions governing the use of the ENERGY STAR logos, which are registered trade and service marks. SPPs also commit to communicate to ENERGY STAR their efforts to help customers develop a continuous improvement strategy for energy management; improve the energy performance of their customers' building portfolios and/or manufacturing facilities; promote overall awareness of ENERGY STAR; and, increase availability of ENERGY STAR qualified products or buildings. SPPs will be asked to complete a Service and Product Provider Company Profile when they join (see http://www.energystar.gov/ia/about/join/ offer\_bldg\_imprvmt/2004\_SPP\_Profile\_Template\_v7.doc). On an annual basis, they will be asked to update company and contact information displayed on the ENERGY STAR Web site and in the directory.

In delivering services and/or products, when appropriate, SPPs agree to include ENERGY STAR tools, messages and Guidelines for Energy Management (e.g., to help customers measure their energy performance, quantify the financial value of improvements across their organization, set targets, take action and promote their accomplishments). SPPs also agree to recognize their customers' accomplishments (e.g., by documenting success stories and case studies). [Note that this ICR addresses SPP preparation of success stories and case studies in the section, "Recognition," under the heading, "Success Stories."]

# (i) Data items

• A Partnership Agreement that includes information on:

- Partner name and date of form completion;
- The signatory of the Partnership Agreement;
- Responsible agent of company;
- Primary contact, if different from responsible agent;
- Additional contacts at company; and
- A commitment form that the SPP agrees to fulfill (i.e., a checklist of Program areas).
- The Service and Product Provider Company Profile that requests:

- Information about the company, such as address, type, markets/sectors that the organization services, types of products, and types of services;

- A short description of the company; and
- A camera-ready version of the company logo.
- Information on ENERGY STAR tools, messages, and Guidelines for Energy Management.

## (ii) **Respondent activities**

- To join ENERGY STAR, SPPs are asked to:
  - Review the instructions of the Partnership Agreement and Company

## Profile;

- Complete these materials; and
- Return the materials to EPA.
- SPPs are also asked to:
  - Update the profile information annually, if needed; and
  - Include ENERGY STAR tools, messages and Guidelines for Energy Management, when appropriate, in delivering services and/or products.

## **Energy Efficiency Program Sponsors**

EEPS interested in joining ENERGY STAR are asked to complete and submit a Partnership Agreement. They commit to promote and use ENERGY STAR in a manner consistent with the national ENERGY STAR efforts and specifically agree to follow all applicable terms and conditions governing the use of the ENERGY STAR logos, which are registered trade and service marks. They also commit to submit and periodically update a brief plan outlining the key activities they intend to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets. They will be asked on an annual basis to update organization and contact information displayed on the ENERGY STAR Web site and the Directory of Energy Efficiency Programs (DEEP). If promoting ENERGY STAR in the commercial market, the EEPS agree to collaborate with ENERGY STAR to improve the energy performance of their customers' buildings and portfolios. If promoting ENERGY STAR in the industrial market, the EEPS agree to collaborate with ENERGY STAR to assist industry in adopting a continuous improvement strategy for corporate-wide energy management.

# (i) Data items

- A Partnership Agreement that includes the following information:
  - Contact information of the EEPS;
  - Signature of responsible person; and

- A commitment form that the EEPS agrees to fulfill (i.e., a checklist of Program areas).

- A brief plan outlining the key activities it intends to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets.
- Updates to organization and contact information displayed on the ENERGY STAR Web site and the Directory of Energy Efficiency Programs (DEEP).
- Information to improve the energy performance of their customers' buildings and portfolios in the commercial market, e.g.,:

- Integration of ENERGY STAR's Building Manual and Guidelines for Energy Management into existing program offerings and services to help customers prioritize and execute upgrades that improve the energy performance their facilities and deliver financial value across the organization.

- Building profiles and success stories.
- Information to assist industry in adopting a continuous improvement strategy for corporate-wide energy management in the industrial market, e.g.,:

- Information shared with the industrial market on industrial sector program design, implementation and evaluation; market research; and, business/financial messaging for distribution among a network of stakeholders working to increase the pace of investment and innovation in industrial energy efficiency.

- Joint outreach activities to promote the opportunities for superior energy management in the industrial market.

# (ii) **Respondent activities**

- To join the Program, EEPS are asked to:
  - Review the instructions for the Partnership Agreement;
  - Complete the Partnership Agreement; and

- Return the Partnership Agreement to EPA.
- EEPS also agree to:

- Submit a brief plan outlining the key activities they intend to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets;

- Periodically update the brief plan;

- Update organization and contact information displayed on the ENERGY STAR Web site and the Directory of Energy Efficiency Programs (DEEP) annually; and

- Provide information to promote ENERGY STAR in the commercial and/or industrial markets.

#### **Small Business and Congregations Network**

A small business or congregation may join the Network of small businesses and congregations working with ENERGY STAR. To join, they would provide requested information at EPA's ENERGY STAR Web site (see http://www.energystar.gov/ index.cfm? c=small\_business.sb\_partner\_info\_form). They would pledge to buy ENERGY STAR equipment and upgrade the energy efficiency of their facilities whenever financially viable. As part of the Network, they may use the ENERGY STAR promotional mark in accordance with the ENERGY STAR identity guidelines.

#### (i) Data items

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- Information requested at EPA's ENERGY STAR Web site:
  - Information on type of organization (e.g., small business, congregation);
  - Contact information;
  - Size of facility (in square feet) and number of employees/members;
    - Indication of whether the facility is owned or rented; and

- Indication of how the small business or congregation heard about ENERGY STAR.

## (ii) **Respondent activities**

• Small businesses and congregations provide the requested information.

#### **ENERGY STAR Challenge**

The ENERGY STAR Challenge is a call to action for businesses and institutions to improve the energy efficiency of their buildings by 10 percent or more. Under the Challenge, EPA works with governments, associations and non-profit organizations to encourage their members and/or constituents to leverage the ENERGY STAR platform to improve the energy efficiency of their buildings. Governments, associations or non-profit organizations may choose to participate in the Challenge and work with their members/constituents by submitting an on-line sign-up form. EPA then sends a tool kit to participants to provide them with specific methods/materials to share with their members on how to carry out the Challenge.

After receiving the tool kit, Challenge participants would provide to EPA a summary of activities they plan to implement to promote the Challenge and educate their members/constituents. [Note that this ICR addresses participants' submittal of the activities summary in the section, "Recognition," under the heading, "Success Stories."]

# (i) Data Items

- Information requested of the organization to participate in the ENERGY STAR Challenge:
  - Organization name/address/sector;
  - Contact information; and
  - List of activities the organization will undertake to promote the ENERGY STAR Challenge and educate members/constituents.

## (ii) **Respondent Activities**

• Organizations provide the requested information.

## BENCHMARKING

Assessing energy use is a critical component of the ENERGY STAR Program and guidance provided by EPA to partners. EPA provides tools to track, measure and compare energy use for a range of building types and facilities. Portfolio Manager is the primary tool for undertaking these activities and is available on-line, although for specific industry types, spreadsheet calculators may be provided.

## **Portfolio Manager**

Portfolio Manager can be used to rate the performance of buildings on a scale of 1-100 relative to similar buildings nationwide using EPA's national energy performance rating system. The rating system accounts for the impacts of year-to-year weather variations, as well as building size, location, and several operating characteristics. Portfolio Manager helps the user update and track data over time to continuously monitor performance. The user can use both short and long term trends in energy performance to make budget and management decisions regarding investments in energy-related projects.

In addition, EPA intends to collect information from Portfolio Manager users on its usability as a Web-based tool and on the effectiveness of Portfolio Manager training. Based on this information, EPA will identify and make needed improvements.

## (i) Data items

- Information entered into Portfolio Manager:
  - Contact information;
  - Facility data (e.g., name, address, year constructed);
  - Building floorspace information (e.g., gross building area, occupancy, operating hours, number of PCs);
  - Energy use information (e.g., meter name, usage date); and
  - Water use information (e.g., meter name, usage date).
- Information provided to EPA on the usability of Portfolio Manager and effectiveness of training.

## (ii) **Respondent activities**

- Organizations using the benchmarking feature of the Portfolio Manager system perform the following activities:
  - Review the instructions of Portfolio Manager;
  - Gather building and energy data; and
  - Enter the data into Portfolio Manager.

[Note: Users have several options for entering building and energy data into Portfolio Manager. These options and associated burden are described in Section 6 of this document.]

- Organizations may be asked to respond to EPA questions on the usability of Portfolio Manager.
- Organizations may be asked to respond to EPA questions on the effectiveness of Portfolio Manager training.

## **ENERGY STAR Energy Performance Indicator**

EPA provides industrial companies with opportunities to overcome barriers to energy efficiency in their businesses. This is accomplished by promoting sound, strategic corporate energy management practices and resources that facilitate continuous improvement. EPA's Web site includes an automated tool, the Energy Performance Indicator (EPI), to score the energy efficiency of specific types of industrial plants (e.g., automobile assembly plants). An organization enters basic information into the EPI on its plant characteristics and energy consumption. The EPI produces a plant percentile score between 1 and 100 and compares that score to the most energy-efficient plants in the industry and to the previous performance for the plant.

# (i) Data items

- Information entered into the EPI:
  - Plant characteristics; and
  - Energy consumption.

# (ii) **Respondent activities**

• Organizations enter information into the EPI.

# Information for the Development of New Facility Types

EPA expects to increase the number of facility-use types available to be benchmarked in Portfolio Manager and therefore eligible for earning the ENERGY STAR as well as for participation in ENERGY STAR Leaders. Through initial data collection, EPA will collect information from participating organizations in order to build an historical account of energy use for new facility type analysis. EPA may ask for information about energy use, building characteristics, and other parameters that will help to add new facility-use types. To beta test the accuracy of the statistical analysis, EPA will collect information from participating organizations in order to test the model to ensure that it produces relevant results.

# (i) Data items

- Information collected through initial data collection and beta testing:
  - Contact information;
  - Facility data (e.g., name, address, year constructed);
  - Building floorspace information (e.g., gross building area, occupancy, operating hours, number of PCs);
  - Energy use information (e.g., meter name, usage date); and
  - Water use information (e.g., meter name, usage date).

# (ii) **Respondent activities**

- Organizations participating in the initial data collection will be asked to:
  - Gather building and energy data; and
  - Enter the data into Portfolio Manager or spreadsheet.
- Organizations participating in the beta testing will be asked to:
  - Review the instructions of Portfolio Manager;
  - Gather building and energy data; and
  - Enter the data into Portfolio Manager.

#### RECOGNITION

#### **ENERGY STAR Labeling**

#### **Buildings**

ENERGY STAR offers the public an opportunity to display the ENERGY STAR on their buildings if they meet certain energy performance criteria defined by EPA. The on-line application for the ENERGY STAR is submitted through EPA's benchmarking tool, Portfolio Manager. Eligible buildings with benchmark scores of 75 or higher may submit information to EPA to apply for the ENERGY STAR. The on-line application consists of a Statement of Energy Performance (SEP) (see http://www.energystar.gov/ia/business/evaluate\_performance/ SEP\_06.pdf) and Letter of Agreement (LOA). To be approved to receive the ENERGY STAR, buildings must meet specific eligibility requirements as well as industry standards for comfort and indoor air quality. A Professional Engineer must verify the SEP (stamped/embossed and signed) that these requirements have been met. [Note that this ICR addresses participants' benchmarking activities in the section, "Benchmarking," under the heading, "Portfolio Manager."]

In addition, EPA intends to visit a number of ENERGY STAR Labeled Buildings for quality control purposes. EPA may confirm, for example, the accuracy of the information provided in the application for the ENERGY STAR, and may request facility documentation during the visit.

EPA also expects to periodically contact representatives of buildings that have earned the ENERGY STAR to collect information about the characteristics of buildings that lead to top energy performance. This includes information on the buildings' construction, equipment used in the buildings, building management, and involvement in ENERGY STAR. EPA will use this information to better understand the specific design, construction, and operating characteristics of ENERGY STAR Labeled Buildings and how these characteristics contributed to the buildings' top energy performance. In addition, EPA intends to collect information about the qualification process to measure how easy it is for organizations to use. EPA needs this information to identify and make needed improvements to the qualification process.

## (i) Data items

- Statement of Energy Performance and Letter of Agreement.
- Information requested by EPA during on-site verification, e.g.:
  - Basic building data (e.g., name, address, year constructed);
  - Building space information (e.g., gross building area, occupancy, operating hours, number of PCs); and
  - Energy use information (e.g., meter name, usage date).
- Information provided to EPA for analysis of ENERGY STAR Labeled Buildings:

- Building construction, e.g.:
  - ► Construction material;
  - Characteristics of walls and windows; and
  - ► Energy conservation features.
- Equipment, e.g.:
  - ► Heating and cooling equipment; and
  - ► Lighting systems.
  - Building management, e.g.:
    - Building audits, commissioning, renovations, and upgrades;
    - Operation and maintenance programs;
    - Conferences attended, organizations that staff belong to, etc.; and
    - Other topics related to energy usage and efficiency.
- ENERGY STAR participation, e.g.:
  - Reasons for applying or re-applying for the ENERGY STAR;
  - Persons responsible for application for the ENERGY STAR;
  - ► Reasons why building qualified for the ENERGY STAR; and
  - Ease in applying for the ENERGY STAR.

# (ii) **Respondent activities**

- Organizations applying for the ENERGY STAR perform the following:
  - Contract a Professional Engineer to conduct a facility inspection and notarize the Statement of Energy Performance; and
  - Submit the verified Statement of Energy Performance and Letter of Agreement (LOA) to EPA.
- ENERGY STAR Labeled Buildings visited by EPA may be asked to provide information during or after the visit.
- ENERGY STAR Labeled Buildings may be asked to respond to EPA questions for analysis of ENERGY STAR Labeled Buildings.

# <u>Plants</u>

Industrial companies have an opportunity to apply to EPA to display a banner or flag on specific types of plants (e.g., automobile assembly plants) that meet EPA's energy efficiency criteria. EPA's Web site includes an automated tool, the Energy Performance Indicator (EPI), to score a plant's energy efficiency. The EPI produces a plant percentile score between 1 and 100 and compares that score to the most energy-efficient plants in the industry and to the previous performance for the plant. For organizations that want to receive recognition for superior performance based on the EPI score (the plant must score in the top quartile), the organization

may apply to EPA for recognition by printing out a Statement of Energy Performance and submitting it and a letter to EPA. If approved, the organization would receive recognition for the plant (e.g., EPA permission to display a banner or plant flag). [Note that this ICR addresses participants' entering data into the EPI in the section, "Benchmarking," under the heading, "ENERGY STAR Energy Performance Indicator."]

# (i) Data items

- Statement of Energy Performance.
- Letter to EPA.

# (ii) **Respondent activities**

• Organizations print out Statement of Energy Performance, prepare letter to EPA, and submit these materials to EPA.

# **ENERGY STAR Leaders**

As part of the Partnership Letter, organizations commit to continuous improvement. To track Partners' progress against their goal, EPA provides organizations recognition incentives to meet specific targets. This follows the Partnership Letter and includes that they track and benchmark all of the eligible buildings in their portfolio, and notify EPA of this accomplishment by submitting a Letter of Qualification, Facility Summary Report (see https://www.energystar.gov/ iSTAR/pmpam/index.cfm?fuseaction=pmpam.homepage) and Facility List. EPA will review this information and recognize these participants as ENERGY STAR Leaders if they qualify. [Note that this ICR addresses ENERGY STAR Leaders' benchmarking activities in the section, "Benchmarking," under the heading, "Portfolio Manager."]

EPA does not mandate reporting but rather requests that Partners who reach targets inform EPA by submitting the qualification documents when they have met energy improvements in 10 percent increments across their portfolio.

## (i) Data items

- Information entered into Portfolio Manager:
  - Contact Information;
  - Basic portfolio data (organization name, address);
  - Number of eligible facilities in the portfolio/Number not eligible;
  - Gross floor area;
  - Baseline/current period average energy performance rating;
  - Average actual site energy intensity;
  - Average weather normalized source energy intensity;
  - CO2; and

- Previous recognition level.
- Information generated by Portfolio Manager:
  - Letter of Qualification;
  - Facility Summary Report; and
  - Facility List.

# (ii) Respondent Activities

- Organizations perform the following activities:
  - Set up account in Portfolio Manager; and
  - Apply for recognition achievement.

# **Success Stories**

EPA periodically receives feedback from Partners and other stakeholders to develop success stories and other information on their efforts to improve energy efficiency in the commercial and industrial sector. EPA shares this information with the general public at the ENERGY STAR Web site. For example, SPPs work with their clients to prepare success stories on best practices, lessons learned, and energy performance achievements. EPA posts this information on the Web site.

# (i) Data items

• Information from organizations on their efforts to improve energy efficiency in the commercial and industrial sector.

# (ii) Respondent activities

• Organizations can provide information to EPA.

# **Statement of Energy Design Intent**

Architecture firms can display the "Designed to Earn the ENERGY STAR" graphic to distinguish their projects as among the nation's best in energy performance. To apply for the graphic, the Architect of Record (AOR) must be an ENERGY STAR Partner. The AOR would enter specific information into EPA's on-line software tool, Target Finder, to obtain an EPA energy performance rating for the design project. It would then print the Statement of Energy Design Intent (SEDI) (see http://www.energystar.gov/ia/business/tools\_resources/ new\_bldg\_design/SampleSEDI\_061305.pdf) from Target Finder and fill in the required information. The statement must be sealed (stamped) and signed by a licensed architect or engineer designated by the AOR. The AOR also must complete an Application Letter. As part of the Letter, the AOR agrees to collaborate with EPA on a case study about the project's design energy use strategies and goals, to be posted on the ENERGY STAR Web site. The AOR would

submit the SEDI and Application Letter to EPA. EPA would send the AOR the graphic, which can be displayed in the title block of project drawings and on other project documents. [Note that this ICR addresses the AOR's becoming an ENERGY STAR Partner in the section, "Joining the ENERGY STAR Program and Related Activities."]

# (i) Data items

- Information entered into Target Finder:
  - Facility information;
  - Facility characteristics;
  - Target rating; and
  - Design energy.
- Statement of Energy Design Intent includes the following information:
  - General contact information;
  - Information on Licensed Architect/Engineer; and
  - Information on AOR (if different than Licensed Architect/Engineer).
- Application Letter includes the following information:
  - Basic information on the building (e.g., building name);
  - General information on AOR;
  - Signature and date of AOR; and
  - List of other architect and engineering firms that are participating on the project and are ENERGY STAR Partners.
- Information for development of a case study.

# (ii) **Respondent activities**

- AOR would perform the following activities:
  - Enter information into Target Finder;
  - Complete and submit the SEDI and Application Letter to EPA; and
  - Collaborate with EPA on case study.

# **ENERGY STAR Awards**

Organizations interested in receiving recognition for their efforts in improving their energy performance may apply for an ENERGY STAR Award. EPA currently issues awards to Commercial and Industrial Sector Partners, Service and Product Providers, and Energy Efficiency Program Sponsors. In addition, small businesses and congregations may apply to receive an award as part of their recognition efforts.

- (i) Data items
- Information provided by C&I Partners, e.g.:

- General information (e.g., contact information, address, and signed/dated certification); and

- Description of the following:
  - Organization-wide improvements in energy performance;
  - Management practices (e.g., best practices for managing energy); and
  - Efforts in communicating energy-efficiency efforts, accomplishments, and partnership with ENERGY STAR.
- Information provided by SPPs, e.g.:
  - General information (e.g., contact information, address, and signed/dated certification); and
  - Description of the following:
    - Energy performance improvements (e.g., results of building/portfolio upgrades);
    - Organizational commitment; and
    - Education and outreach (e.g., examples of how the SPP has communicated the value of energy performance).
- Information provided by EEPS, e.g.:

- General information (e.g., contact information, address, and signed/dated certification); and

- Description of the following:
  - Categor(ies) that the EEPS program is designed to address (e.g., energy improvements in the C&I sector);
  - Program design (e.g., in terms of goals);
  - How ENERGY STAR has been incorporated into the Partner's initiative;
  - Market effects resulting from Partner's efforts; and
  - Data sources used to support market claims.
- Information provided by small businesses and congregations seeking recognition (e.g., contact information and description of accomplishments).

# (ii) **Respondent activities**

- Organizations that apply for an award are asked to:
  - Review the instructions; and
  - Complete and submit the information.

# 5. THE INFORMATION COLLECTED—AGENCY ACTIVITIES, COLLECTION METHODOLOGY, AND INFORMATION MANAGEMENT

# 5(a) Agency Activities

This section describes EPA's activities under ENERGY STAR.

# JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

# **Partnership Letter or Agreement/Related Activities**

- EPA must perform the following activities making the Partnership Letters, Partnership Agreements, and related materials available to organizations and in processing submissions:
  - Develop the Partnership Letter, Partnership Agreements, and related materials;

- Review the completed Partnership Letters, Partnership Agreements and related materials;

- Enter the information contained in the Partnership Letters, Partnership Agreements and related materials into the iSTAR database;

- Send emails, passwords, and welcome aboard kits;
- Update and maintain the ENERGY STAR Web site; and
- Monitor the use of ENERGY STAR Logos.
- EPA must perform the following additional activities in regard to SPPs:
  - Request updates of information annually;
  - Enter updated information into the SPP Directory Web site; and
  - Develop and maintain the SPP Web site.
- EPA must perform the following additional activities in regard to EEPS:

- Receive and review the brief plans from EEPS outlining their key activities the intend to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial sectors; and

- Receive annual updates from EEPS and update the Directory of Energy Efficiency Programs.

# Small Business and Congregations Network

• EPA must maintain the Web site and provide monthly email updates.

# **ENERGY STAR Challenge**

• EPA must perform the following activities:

- Review and keep track of information from organizations that join the ENERGY STAR Challenge;
- Send information to the organizations (e.g., welcome tool kit); and
- Update the ENERGY STAR Web site to reflect the information collected.

# BENCHMARKING

## **Portfolio Manager**

- EPA must perform the following activities related to the benchmarking process:
  - Enhance functionality of and maintain Portfolio Manager;
  - Collect information submitted through Import Tool and enter it into Portfolio Manger; and
    - Keep data current and update when market changes.
- EPA must perform the following activities in evaluating the usability of Portfolio Manager and the effectiveness of training on the tool:
  - Develop questions;
  - Solicit feedback from respondents;
  - Review answers to questions; and
  - Take follow-up action.

# **ENERGY STAR Energy Performance Indicator**

• EPA must enhance the functionality of and maintain the EPI.

# Information for the Development of New Facility Types

- EPA must perform the following activities to develop new facility types:
  - Conduct initial data gathering; and
  - Conduct beta test and review results.

#### **RECOGNITION**

# **ENERGY STAR Labeling**

### <u>Buildings</u>

• EPA must perform the following activities for buildings applying for the ENERGY STAR:

- Review submitted Statements of Energy Performance and Letters of Agreement;

- Send a letter of denial or acceptance (if accepted, also send certificate, plaque and tool kit).

- EPA will collect information from ENERGY STAR Labeled Buildings in performing on-site verifications.
- EPA will perform the following activities in evaluating ENERGY STAR Labeled Buildings:
  - Develop questions for analysis of ENERGY STAR Labeled Buildings;
  - Solicit feedback from respondents;
  - Review answers to questions; and
  - Take follow-up action.

## <u>Plants</u>

- EPA must perform the following activities for plants for companies seeking recognition of their plants:
  - Review and evaluate the Statement of Energy Performance and letter; and
  - Give permission to display banner or plant flag.

## **ENERGY STAR Leaders**

- EPA must perform the following activities for ENERGY STAR Leaders:
  - Develop the ENERGY STAR Leader recognition levels;

- Promote ENERGY STAR Leaders where appropriate (industry meetings, Web pages, etc.);

- Review Letters of Qualification, Facility Summary Reports, and Facility Lists; and

- Send a letter of denial or acceptance (if accepted, also send certificate and ENERGY STAR Leaders tool kit).

## Success Stories

- EPA must perform the following activities:
  - Receive and review information from organizations; and
  - Update the ENERGY STAR Web site to reflect the information received.

## Statement of Energy Design Intent

• EPA must perform the following activities for the graphic:

- Review the Statement of Energy Design Intent and Application Letter;
- Collaborate with organizations in developing case studies; and
- Update the ENERGY STAR Web site to reflect the information collected.

### **ENERGY STAR Awards**

- EPA must perform the following activities to administer the awards process:
  - Develop the awards criteria;
  - Receive and review the information submitted and select winners; and
  - Take follow-up action (e.g., send letters of award or loss).

### 5(b) Collection Methodology and Management

In collecting and analyzing the information associated with this ICR, EPA will use a telephone system, personal computers, and applicable database software. EPA will ensure the accuracy and completeness of collected information by reviewing each submittal. EPA will enter the information obtained into a database and will aggregate data obtained to monitor the progress of participants in improving energy performance. These efforts will help to ensure the proper use and processing of the information being collected to enhance the value of the information to EPA and the public.

## 5(c) Small Entity Flexibility

EPA expects that small businesses and congregations will participate in the ENERGY STAR Program. EPA has designed its information collections to minimize respondent burden while obtaining sufficient and accurate information. For example, EPA has tailored the Small Business and Congregations Network so that it requests only the minimum information needed to establish contact with the small business or congregation. EPA also provides several methods for joining the Network (e.g., on-line sign-up, postcard, etc.).

## 5(d) Collection Schedule

## JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

### Partnership Letter or Agreement/Related Activities

EPA collects the Partnership Letter or Agreement on a one-time basis from organizations seeking to be Partners.

Partners prepare the energy management plan on a one-time basis. They then follow the plan in improving their facilities' energy performance. The plan is not collected by EPA.

EPA collects information for the SPP Directory when the SPP joins the Program. EPA requests an update of the information annually from SPPs.

There is no collection schedule for SPPs to include ENERGY STAR tools, messages and Guidelines for Energy Management in their products and services.

EPA collects information from EEPS according to the following schedule:

- Submittal and periodic update of a brief plan outlining the key activities the EEPS intend to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets; and
- Submittal of annual updates to the Directory of Energy Efficiency Programs.

### **Small Business and Congregations Network**

There is no collection schedule for small businesses.

### **ENERGY STAR Challenge**

There is no schedule for collecting information from participants.

### BENCHMARKING

### **Portfolio Manager**

There is no schedule for benchmarking in Portfolio Manager.

EPA expects to solicit feedback from selected organizations on the usability of Portfolio Manager and effectiveness of training not more than once per year.

### **ENERGY STAR Energy Performance Indicator**

There is no schedule for using the Energy Performance Indicator.

### Information for the Development of New Facility Types

The schedule for collecting information for the development of new facility types is expected to be once every two or three years.

### RECOGNITION

#### **ENERGY STAR Labeling**

**Buildings** 

There is no schedule for applying for the ENERGY STAR.

On-site verification of ENERGY STAR Labeled Buildings will be performed during one

of the three years of this ICR.

EPA may ask selected participants in the ENERGY STAR Program to provide feedback on the process for qualifying for the ENERGY STAR. EPA expects to contact participants during one of the three years of this ICR.

<u>Plants</u>

There is no schedule for applying for EPA recognition (e.g., permission to display a banner or plant flag).

### **ENERGY STAR Leaders**

There is no collection schedule.

EPA does not mandate reporting but rather requests that Partners who reach targets inform EPA by submitting the qualification documents when they have met energy improvements in 10 percent increments across their portfolio.

### **Success Stories**

There is no schedule for receiving information from Partners.

### Statement of Energy Design Intent

There is no collection schedule for applying for the graphic. Organizations would print the Statement of Energy Design Intent (SEDI) from Target Finder for design projects that are at least 95 percent completed and fill in the required information. The organization would submit the SEDI and Application Letter to EPA.

## **ENERGY STAR Awards**

The ENERGY STAR Awards are held annually to recognize organizations that have achieved energy performance improvements. ENERGY STAR Partners who wish to receive an award are requested to submit an application annually.

## **ENERGY STAR Energy Performance Indicator**

There is no schedule for using the Energy Performance Indicator.

#### 6. ESTIMATING THE BURDEN AND COST OF THE COLLECTION

#### 6(a) Estimating Respondent Burden

Exhibits 1 through 3 estimate the annual respondent burden hours for information collection activities associated with the ENERGY STAR Program in the commercial and industrial sectors. Table 1 presents the total annual hours to respondents under all activities.

#### 6(b) Estimating Respondent Costs

Exhibits 1 through 3 present the annual respondent costs for information collection activities associated with the ENERGY STAR Program in the commercial and industrial sectors. Table 1 presents the total annual respondent costs under all activities. Specific cost assumptions are discussed below.

#### (i) Estimating Labor Costs

The labor rates used to estimate costs to respondents are consistent with the hourly wage rates published by the Bureau of Labor Statistics publications on employment and earnings. Rates are current as of 2006. Rates reflect the cost of overhead and fringe benefits where appropriate. EPA estimates an average respondent hourly labor rate (hourly plus overhead and fringe) of \$110.08 for legal staff, \$93.77 for managerial staff, \$65.44 for technical staff, and \$37.51 for clerical staff.

### (ii) Estimating Capital and Operations and Maintenance (O&M) Costs

Operation and maintenance (O&M) costs are those costs associated with a paperwork requirement incurred continually over the life of the ICR. They are defined by the Paperwork Reduction Act of 1995 as "the recurring dollar amount of costs associated with O&M or purchasing services." This ICR includes O&M costs for postage (i.e., \$0.39) for each submittal to EPA by postal mail. The ICR also includes \$1,295 for a building to qualify for the ENERGY STAR. This cost is for the building to contract a Professional Engineer to conduct a facility inspection and notarize the Statement of Energy Performance from Portfolio Manager. In addition, the ICR includes O&M costs of \$1,200 for a petroleum company to ask its contractor to generate energy-efficiency results of its plant, so that the company can apply for EPA recognition of the plant (e.g., permission to display a banner or plant flag). There are no capital costs associated with any activities related to the ENERGY STAR Program in the commercial and industrial sectors.

### 6(c) Estimating Agency Burden and Costs

The hourly labor rates used in this ICR were obtained from the 2006 GS pay schedule available from the Office of Personnel Management. EPA estimates an average hourly labor cost of \$70.39 for legal staff, \$65.82 for managerial staff, \$48.26 for technical staff, and \$19.38 for clerical staff. The labor costs are based on the following GS levels and steps: legal labor rates were based on GS Level 15, Step 1, managerial labor rates were based on GS Level 14, Step 4,

technical labor rates were based on GS Level 12, Step 5, and clerical labor rates were based on GS Level 5, Step 1. To derive hourly estimates, EPA divided annual compensation estimates by 2,080, which is the number of hours in the Federal work-year. EPA then multiplied hourly rates by the standard government overhead factor of 1.6.

### 6(d) Estimating the Respondent Universe

In this section, EPA describes its estimates of the number of respondents carrying out the information collections under the ENERGY STAR Program in the C&I Sectors. In developing its estimates, EPA referred to its databases (e.g., iSTAR) and other documentation in order to understand historical trends in the number of new and existing respondents. Based on this understanding, EPA has estimated the average number of respondents associated with each of the information collections under the Program.

#### JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES (EXHIBIT 1)

### **Commercial and Industrial Sector Partners**

EPA estimates that, on average, 100 organizations in the commercial and industrial sectors will submit a Partnership Letter to EPA each year.

In addition, EPA estimates that 10 percent of its existing Partners will prepare an energy management plan during the three-year life of this ICR (i.e., 1,800 Partners x 0.10 = 180 Partners). Each of these 180 Partners is expected to prepare the plan on a one-time basis. In estimating the *annual* respondent hour and cost burden over the three-year period covered by this ICR, EPA annualized the hour and cost burden of this <u>one-time</u> activity by dividing the number of respondents by three. Thus, EPA estimates that 60 Partners will prepare the plan each year (i.e., 180 Partners / 3 years).

These assumptions are reflected in Exhibit 1.

#### Service and Product Providers

EPA estimates that, on average, 80 SPPs will submit a Partnership Agreement and profile to EPA each year. In addition, EPA estimates that, on average, there will be 1,150 SPPs in existence during the three-year life of this ICR. EPA expects each SPP to update its profile information annually, if needed. EPA also expects that, each year, these 1,150 SPPs will incorporate ENERGY STAR tools, messages and Guidelines for Energy Management, when appropriate, in delivering their services and/or products. These assumptions are reflected in Exhibit 1.

### **Energy Efficiency Program Sponsors**

EPA estimates that, on average, 15 EEPS will submit a Partnership Agreement and a brief plan to EPA each year. In addition, EPA estimates that, on average, 100 EEPS will be in existence during the three-year life of this ICR. EPA predicts that they will provide the requested

information to EPA each year (e.g., updates of the brief plan).

These assumptions are reflected in Exhibit 1.

### Small Business and Congregations Network

EPA estimates that 1,500 small businesses and congregations will provide the requested information to EPA each year to join the Network. This is reflected in Exhibit 1.

### **ENERGY STAR Challenge**

EPA estimates that 45 organizations will provide the requested information to EPA each year to participate in the ENERGY STAR Challenge. This is reflected in Exhibit 1.

### **BENCHMARKING (EXHIBIT 2)**

### **Portfolio Manager**

EPA provides several options for organizations to enter information into Portfolio Manager and benchmark their buildings:

- <u>Manual Data Entry</u>. EPA estimates that, each year, 1,000 organizations will set up an account in Portfolio Manager and perform 5,000 initial benchmarks using manual data entry. In addition, EPA estimates 7,000 manual repeat benchmarks each year.
- <u>Data Entry using Import Tool</u>. EPA estimates that 40 organizations will provide their data via an import tool (i.e., spreadsheet) to EPA. EPA will enter the data into Portfolio Manager.
- <u>ENERGY STAR Exchange Services</u>. EPA estimates that, each year, three organizations will set up an automated process using Extensible Markup Language (XML) to provide information to Portfolio Manager on behalf of their customers. EPA estimates that each of these three "hosts" will have six customers. After the host sets up its automated process with EPA, it collects building characteristics for initial set up of the customer (i.e., 18 customers/year).

After the customers are set up, the host submits customer information to EPA using XML and retrieves/relays the scores to their customers. As shown in the table below, there are 36 existing customers. EPA estimates that 18 new customers will be added each year. During the three-year life of this ICR, the table shows that there will be 72 customers, on average, annually. Hence, the hosts will submit customer information to EPA and retrieve/relay scores to 72 customers on average annually.

### Annual Number of Customers in ENERGY STAR Exchange Services

Type of Customer	Year 1	Year 2	Year 3
Existing	36	54	72
New	18	18	18
Total	54	72	90

### **During Three-Year Life of ICR**

In addition, EPA expects to contact no more than 167 organizations each year to discuss the usability of Portfolio Manager as a Web-based tool. EPA also expects to contact no more than 167 organizations each year to discuss the effectiveness of training on Portfolio Manager.

These assumptions are reflected in Exhibit 2.

### **ENERGY STAR Energy Performance Indicator**

EPA gives industrial companies the opportunity to measure the energy efficiency of their plants. To measure efficiency and improve energy use in the company, a company enters basic information into EPA's Web-based tool, the Energy Performance Indicator (EPI), on its plant characteristics and energy consumption. The EPI produces a plant percentile score between 1 and 100 and compares that score to the most energy-efficient plants in the industry and to the previous performance for the plant. EPA estimates that it takes a company 15 minutes per plant to enter information into the EPI.

All companies use the EPI to produce plant scores, except for petroleum companies.<sup>1</sup> Petroleum companies use a contractor to measure the energy efficiency of their plants. To request a plant score from its contractor, a petroleum company is estimated to spend 10 minutes and \$1,200 in contractor fees per plant each year, on average, during the three-year life of this ICR.

As shown in the table below, EPA estimates that industrial companies will enter information/generate scores for 139 plants annually, on average, during the three-year life of this ICR (i.e., (72 + 148 + 195) / 3 years). This includes 40 petroleum plants and 99 non-petroleum plants on average each year.

These assumptions are reflected in Exhibit 2.

Type of Plant	Annual Number of Plants				
	Year 1	Year 2	Year 3		
Petroleum	35	40	45		
Non-Petroleum	37	108	150		

# Annual Number of Plants During Three-Year Life of ICR

<sup>&</sup>lt;sup>1</sup>Nine industrial sectors will be eligible to apply for recognition during the three-year life of this ICR (e.g., automobile, petrochemicals, pulp and paper).

Total	72	148	195
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#### Information for the Development of New Facility Types

EPA expects to expand Portfolio Manager by adding new facility types. In doing so, the Agency will need to gather information initially to develop a new model of the facility types and conduct beta testing to make sure the tool produces relevant results. EPA expects to conduct the beta testing during two of the three years of this ICR.

EPA estimates that participating organizations will gather building and energy data and perform 500 benchmarks under the initial data collection phase. Hence, Exhibit 2 indicates that 333 benchmarks will be performed annually during the three-year life of this ICR (i.e., (500 benchmarks x 2 years) / 3 years = 333).

EPA further estimates that 10 organizations will conduct 100 benchmarks under the beta testing phase. Hence, Exhibit 2 indicates that 6.67 respondents (i.e., (10 respondents x 2 years) / 3 years = 6.67) will perform 66.67 benchmarks annually (i.e., (100 benchmarks x 2 years) / 3 years = 66.67).

#### **RECOGNITION (EXHIBIT 3)**

#### **ENERGY STAR Labeling**

#### **Buildings**

EPA estimates that organizations will submit 1,400 applications for the ENERGY STAR each year. These organizations must contract a Professional Engineer to conduct a facility inspection and notarize the Statement of Energy Performance. They also must submit an on-line application consisting of a Statement of Energy Performance and Letter of Agreement (LOA) to EPA. (Note that this ICR burdens participants' benchmarking activities in the section, "Benchmarking," under the heading, "Portfolio Manager." See Exhibit 2.)

In addition, EPA may visit and request information from 30 ENERGY STAR Labeled Buildings. EPA intends to visit these buildings during one of the three years of this ICR. Hence, Exhibit 3 indicates that EPA will visit 10 ENERGY STAR Labeled Buildings, on average, each year (i.e., 30 buildings / 3 years = 10 buildings/year).

EPA also expects to contact representatives of buildings that have earned the ENERGY STAR to collect information about the characteristics of buildings that lead to top energy performance. EPA also intends to collect information about the qualification process to measure how easy it is for organizations to use. EPA intends to contact no more than 500 buildings during one of the three years of this ICR. Hence, Exhibit 3 indicates that 167 ENERGY STAR Labeled Buildings will be contacted, on average, each year (i.e., 500 buildings / 3 years = 167 buildings/year).

#### <u>Plants</u>

Industrial companies have an opportunity to apply to EPA to display a banner or flag on specific types of plants that meet EPA's energy efficiency criteria. If the plant's EPI score is in the top quartile, the company may apply to EPA for recognition by printing out a Statement of Energy Performance. A Professional Engineer (PE) in the company provides a certification/stamp, and the certified document and a letter are sent to EPA. If the submittal contains confidential business information (CBI), the company also sends a copy to EPA's contractor for a CBI review. If approved by EPA, the plant receives recognition (e.g., the right to display a banner or plant flag). EPA estimates that a company spends 25 minutes to print out the Statement of Energy Performance and obtain the PE certification/stamp, prepare a letter, and submit these materials to EPA and contractor.

The application process described above is used by all industrial companies eligible to apply, except petroleum companies. After the petroleum company receives its energy efficiency score from its contractor, a PE in the company provides a certification/stamp confirming the accuracy of the numbers provided to the contractor. The company then sends the certified document and a letter to EPA. If approved by EPA, the plant receives recognition. EPA estimates that a petroleum company spends 15 minutes per plant for its PE to provide a certification/stamp on the energy efficiency results, prepare a letter, and submit these materials to EPA. (Petroleum companies do not need to send their results to EPA's contractor for CBI review.)

EPA estimates that industrial companies will seek recognition for 139 plants annually, on average, during the three-year life of this ICR. This includes 40 petroleum plants and 99 non-petroleum plants on average each year.

These assumptions are reflected in Exhibit 3. (Note that this ICR burdens participants' entering data/generating their scores in the section, "Benchmarking," under the heading, "ENERGY STAR Energy Performance Indicator." See Exhibit 2.)

#### **ENERGY STAR Leaders**

As part of the Partnership Letter, organizations commit to continuous improvement. To track Partners' progress against their goal, EPA provides organizations recognition incentives to meet specific targets. This follows the Partnership Letter and includes that they track and benchmark all of the eligible buildings in their portfolio, and notify EPA of this accomplishment by submitting a Letter of Qualification, Facility Summary Report, and Facility List. EPA will review this information and recognize these participants as ENERGY STAR Leaders if they qualify.

Note that this ICR burdens these organizations for preparing/submitting the Partnership Letter and performing benchmarking in Exhibits 1 and 2, respectively. Exhibit 3 burdens organizations solely for setting up their ENERGY STAR Leaders account and applying for recognition.

As reflected in Exhibit 3, EPA estimates that, each year, 100 Partners will set up an ENERGY STAR Leaders account in Portfolio Manager and apply for recognition.

### **Success Stories**

EPA estimates that 105 organizations will provide feedback on their activities under the ENERGY STAR program each year. This is reflected in Exhibit 3.

#### **Statement of Energy Design Intent**

EPA estimates that 15 organizations will apply for the graphic by completing and submitting the Statement of Energy Design Intent and Application Letter each year. EPA also estimates that these 15 organizations will collaborate with EPA in developing case studies. This is reflected in Exhibit 3.

### **ENERGY STAR Awards**

EPA estimates that 60 C&I Partners, five SPPs, and five EEPS will apply for an ENERGY STAR Award each year. EPA also expects that 60 small businesses and congregations will apply for recognition each year. These assumptions are reflected in Exhibit 3.

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

# (i) Respondent Tally

As shown in Table 1, EPA estimates the total annual hour and cost burden to respondents to be 54,500 hours and \$5,436,710. The bottom-line burden to respondents over three years is estimated to be 163,500 hours and \$16,310,130.

# (ii) Agency Tally

As shown in Table 2, EPA estimates the total annual hour and cost burden to the Agency to be 6,171 hours and \$253,340. The bottom-line burden to the Agency over three years is estimated to be 18,513 hours and \$760,020.

### 6(f) Reasons for Change in Burden

EPA estimates a total annual respondent burden in this ICR, 1772.04, of 54,500 hours. This is a decrease of 28,843 hours from the previously approved ICR, 1772.03.

Table 3 explains this 28,843-hour decrease. Specifically, the table presents the total annual hours estimated in ICR 1772.03 and ICR 1772.04 for each information collection (see columns 1-3). The table then compares their respective hours for each collection to derive the change in hours, and indicates whether this hour-change resulted from a program change and/or adjustment (see column 4). For example, there was a decrease of 378 hours for C&I Sector Partner collections for joining ENERGY STAR and related activities, all of which resulted from an adjustment. The table also briefly describes the program change and/or adjustment (see column 5). Finally, the table sums up all hour-changes to derive the total annual change in hours for all collections (see the bottom row of the table).

The table shows that, of the 28,843-hour decrease, 234 hours resulted from program changes. The remaining 28,609 hours resulted from adjustments.

The table shows that the majority of the decrease resulted from EPA's adjustments to its analysis of benchmarking burden and, in particular, the burden associated with Portfolio Manager. In preparing ICR 1772.04, EPA improved its analysis of Portfolio Manager data based on its experience gained over the past three years. For example, EPA improved its methodology for calculating burden under ENERGY STAR Exchange Services, which is one of several methods for benchmarking in Portfolio Manager. When EPA developed ICR 1772.03, Exchange Services had not been implemented and EPA lacked data on the number of respondents. Since then, EPA has implemented Exchange Services and thus possesses information on the respondent universe, as well as the relationships that have developed between organizations that host Exchange Services and their customers. In addition, the decreased burden under Portfolio Manager reflects a growing trend for users to replace manual benchmarking by using automated benchmarking, such as Exchange Services. Automated benchmarking takes less time per benchmark than manual benchmarking. Under Exchange Services, for example, a host organization sets up the automated process for each of its customers initially and then regularly forwards their building data to EPA by automated method (i.e., using Extensible Markup Language). The host then retrieves the scores and relays them to customers electronically. This process relieves customers from entering their data manually into the tool.

#### 6(g) Burden Statement

#### JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

The burden for joining the ENERGY STAR program and related activities is expected to very depending on the type of Partner. The burden per Partner is expected to range from about 2 hours for a C&I Sector Partner to prepare/submit a Partnership Letter to 7 hours for an EEPS Partner to prepare/submit a Partnership Agreement and related information (e.g., a brief plan outlining the key activities they intend to undertake to cooperatively promote ENERGY STAR in the commercial and/or industrial markets). These burden estimates include the time for reading the instructions and requirements, gathering information, and preparing/submitting the information to EPA.

#### BENCHMARKING

The burden for benchmarking in Portfolio Manager is estimated to vary depending on the type of benchmarking method. The burden per respondent for manual benchmarking is estimated to be 30 minutes to read Portfolio Manager instructions, 5 hours to gather and enter building data for a new benchmark, and 1.5 hours to perform a repeat benchmark. The burden per respondent for the import tool is estimated to be 30 minutes for reading the Portfolio Manager instructions and 1 hour for collecting building data, downloading it into the tool, and emailing it to EPA. The burden per respondent for ENERGY STAR Exchange Services is estimated to be 20 hours for the host to set up its account and automated process, 2 hours to collect building data and set up each customer, and 15 minutes per month to submit customer information to EPA and retrieve/relay scores to customers.

The burden for entering information into the ENERGY STAR Energy Performance Indicator is estimated to range from 10 to 15 minutes per plant. This includes time for reading the EPI's instructions and entering data in order to generate a score.

#### RECOGNITION

The burden for applying to EPA for recognition is estimated to vary depending on the type of recognition. The burden per respondent is estimated to range from 15 minutes for preparing/submitting a plant's energy efficiency score to EPA for recognition (e.g., for EPA permission to display a banner or plant flag) to 26.5 hours for preparing/submitting an application to EPA for an ENERGY STAR award.

Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or 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 currently valid OMB control number. The OMB control numbers for EPA's regulations are listed in 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-OAR-2006-0407, which is available for online viewing at www.regulations.gov, or in person viewing at the Air and Radiation Docket and Information Center in the EPA Docket Center (EPA/DC), EPA West, Room B102, 1301 Constitution Avenue, NW, Washington, D.C. 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 Air and Radiation Docket and Information Center is 202-566-1742. An electronic version of the public docket is available at www.regulations.gov. This site can be used to submit or view public comments, access the index listing of the contents of the public docket, and to access those documents in the public docket that are available electronically. When in the system, select "search," then key in the Docket ID Number identified above. Also, you can send comments to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, NW, Washington, D.C. 20503, Attention: Desk Officer for EPA. Please include the EPA Docket ID Number EPA-HO-OAR-2006-0407 in any correspondence.