

**SUPPORTING STATEMENT FOR
INFORMATION COLLECTION REQUEST NUMBER 2078.08:
“EPA’S ENERGY STAR® PRODUCT LABELING”**

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1 IDENTIFICATION OF THE INFORMATION COLLECTION

1.a TITLE OF THE INFORMATION COLLECTION

This ICR is entitled “EPA’s ENERGY STAR® Product Labeling.” (EPA ICR No. 2078.08, OMB Control Number 2060-0528)

1.b SHORT CHARACTERIZATION/ABSTRACT

Section 324 of the Energy Policy and Conservation Act directs the Environmental Protection Agency and the Department of Energy¹ to implement “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 other forms of communication about products and buildings that meet the highest energy efficiency standards.” Operating under this authority, EPA’s ENERGY STAR program is a voluntary public/private partnership program that creates self-sustaining markets for energy efficient products. The centerpiece of the program is the ENERGY STAR label, a registered certification label that helps consumers identify products that save energy, save money, and help protect the environment without sacrificing quality or performance. In order to protect the integrity of the label and enhance its effectiveness in the marketplace, EPA must ensure that products carrying the label meet appropriate program requirements.

EPA partners with retailers, energy efficiency program sponsors (EEPS), and product brand owners who wish to use the ENERGY STAR label to differentiate products as more energy efficient. Retailers, EEPS, and product brand owners sign and submit a Partnership Agreement Form and Participation Form to indicate that they voluntarily agree to fulfill the relevant program requirements. These forms are collectively referenced in this ICR as a Partnership Application (PA).² Products that are labeled as ENERGY STAR by product brand owner partners undergo third-party certification. EEPS Partners agree to promote energy efficiency as an easy and desirable option for organizations and consumers to prevent pollution, protect the global environment, and save on energy bills. Retail partners sell, market, and promote ENERGY STAR certified products.

Prior to labeling a product as ENERGY STAR, partners have eligible products tested in an EPA-recognized laboratory and certified by an EPA-recognized third-party certification body (CB). To minimize the burden on Partners, EPA maintains an automated data exchange with CBs. The CBs share information with EPA on products they review from EPA-recognized laboratories during the certification process. The XML-based data exchange allows the CBs to automatically transmit information on certified products to EPA from their database via web services. This automated system eliminates the need for paper submissions. EPA runs a series of automated validations to ensure the integrity of the data and confirm the credentials of the organizations associated with the data prior to incorporating it into the ENERGY STAR product

¹ Under the terms of an interagency Memorandum of Understanding, EPA is responsible for implementing the ENERGY STAR Program with technical support from DOE.

² The term, Partnership Application, is used to collectively refer to the Partnership Agreement Form and the Participation Form throughout the ICR; however, it is not a term used by the Labeled Products program.

database. EPA then provides the relevant information to consumers and purchasers in user-friendly formats that facilitate the purchase of energy efficient products.

The certification process also includes requirements for CBs to report to EPA products that were reviewed, but not eligible for certification, as well as to conduct post-market verification testing of a sampling of ENERGY STAR certified products. CBs complete a minimum amount of verification testing and share information with EPA on products verified twice a year. CBs report to EPA any post-market test data indicating a product may no longer meet the program requirements. This process helps maintain consumer confidence in the ENERGY STAR label and protect the investment of Partners.

While most product-related information is provided by CBs, Partners are asked to submit to EPA annual unit shipment data for their ENERGY STAR certified products. EPA is flexible as to the methods Partners may use to submit unit shipment data. For example, if Partners already submit this type of information to a third party, such as a trade association, they are given the option of arranging for shipment data to be sent to EPA via this third party to avoid duplication of efforts and to ensure confidentiality.

Finally, Partners that wish to receive recognition for their efforts in ENERGY STAR may submit an application for the Partner of the Year Award. Partners that have ENERGY STAR certified central air conditioners, air-source heat pumps, furnaces, geothermal heat pumps, and windows that meet the ENERGY STAR Most Efficient criteria may submit an application to gain ENERGY STAR Most Efficient recognition.

Today, more than 90% of the American public recognizes the ENERGY STAR label. Thus, even though participation in the ENERGY STAR program is voluntary, most producers seek to satisfy its criteria. Currently ENERGY STAR has approximately 2,000 manufacturing Partners covering more than 60,000 certified product models in more than 75 product categories. Americans purchased more than 300 million ENERGY STAR certified products and more than 300 million ENERGY STAR certified light bulbs in 2019. Partners see the ENERGY STAR label as a useful and effective marketing tool for highlighting the energy efficiency of their products to consumers and others. In addition, ENERGY STAR provides Partners with recognition as environmental leaders. More than 840 utilities, state and local governments, and nonprofits leverage ENERGY STAR in their efficiency programs, reaching roughly 97% of households in all 50 states. By choosing ENERGY STAR, a typical household can save about \$450 on their energy bills. With the help of ENERGY STAR, Americans prevented approximately 170 million metric tons of greenhouse gas emissions and \$23 billion in energy costs in 2019 alone.³

³ The source of this information can be found at https://www.energystar.gov/about/origins_mission/energy_star_numbers.

2 NEED FOR AND USE OF THE COLLECTION

2.a NEED/AUTHORITY FOR THE COLLECTION

Section 103(g) of the Clean Air Act directs EPA to "develop, evaluate, and demonstrate nonregulatory strategies and technologies for air pollution prevention... with opportunities for participation by [stakeholders]... including SO_x, NO_x... CO₂... including end-use efficiency, and fuel-switching to cleaner fuels." ([42 USC Section 7403g](#))

In 2005, Congress enacted the Energy Policy Act. Section 131 of the Act amends Section 324 of the Energy Policy and Conservation Act, and directed the Environmental Protection Agency and the Department of Energy to implement "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 efficiency standards." The Act further directs EPA and DOE to "(1) promote ENERGY STAR compliant technologies as the preferred technologies in the marketplace for (A) achieving energy efficiency; (B) and reducing pollution; (2) work to enhance public awareness of the ENERGY STAR label, including providing special outreach to small businesses; (3) preserve the integrity of the ENERGY STAR label; (4) regularly update Energy Star product criteria for product categories;" and to solicit comments from interested parties prior to establishing/revising ENERGY STAR product categories, specifications, or criterion. ([42 USC Section 6294a](#))

Collecting information from ENERGY STAR Partners and their representatives is necessary to achieve this mandate and document results.

2.b PRACTICAL UTILITY/USERS OF THE DATA

EPA uses information from organizations joining the program to ascertain basic identification information about them and verify their commitment to the program. EPA may also use partnership information for program implementation purposes, such as maintaining up-to-date listings of products and services available to the public. Further, ENERGY STAR's tools (e.g., Product Finder, EPA-Recognized Bodies Search Tool, Rebate Finder) are available online for the public to find and compare ENERGY STAR certified product performance, third-party EPA-recognized bodies, and rebate offerings. Finally, EPA uses certified product data primarily to document and inform consumers about which products qualify for the ENERGY STAR label, fulfilling a fundamental purpose of the program – making it easy for consumers to identify and choose energy efficient products that are good for the environment. This data also informs the process by which ENERGY STAR performance specifications are established and revised, and factors into EPA's assessment of whether and how the ENERGY STAR label can continue to effectively differentiate efficient products in the market. EPA and others use this information to evaluate ENERGY STAR and ensure continued success and benefits to Partners. EPA recognition enhances the image of organizations as national leaders in energy performance.

3 NONDUPLICATION, CONSULTATIONS, AND OTHER COLLECTION

CRITERIA

3.a NONDUPLICATION

The information collected under this ICR is not collected by any other organization. In addition, the information collected is based on a particular point in time; therefore, information that is not up to date is not sufficient. EPA ensures that the information collected will not duplicate any ongoing recordkeeping or reporting functions requested under other Agency programs. For example, Energy Efficiency Program Sponsors (EEPS) can participate in one or more ENERGY STAR programs (e.g., Products, C&I). EPA designed its Partnership Agreement to enable an EEPS to complete and submit it once and select the specific program(s) it wants to partner with, rather than submitting it to each program separately.

3.b PUBLIC NOTICE REQUIRED PRIOR TO ICR SUBMISSION TO OMB

In compliance with the Paperwork Reduction Act, EPA solicited public comments on this ICR through an announcement in the Federal Register on May 26, 2021 (86 FR 28339). No comments were received on this notice.

3.c CONSULTATIONS

In May 2021, EPA contacted four individuals in Partner organizations to request their input on the ICR's burden estimates. The purpose of the consultations was to determine if the burden estimates (e.g., EPA recognition applications) should be updated or revised in preparing ICR 2078.08. The table identifies the points of contact (POCs) and their organizations. EPA selected these organizations because of their substantial experience in carrying out collections under the ENERGY STAR program. Generally, the estimates provided by the Partners were consistent with EPA expectations of the labor burden. EPA took consultation results into consideration as compared to 2019 estimates. EPA determined the differences between existing estimates and 2021 partner responses were not significant enough to warrant a change in burden estimates.

POC Name	Organization Name	Phone Number	Email
Arturo Thur De Koos	Fujitsu General America, Inc.	973-303-0843	athurdekoos@fujitsugeneral.com
Mark Mikkelson	Andersen Corporation	651-264-5570	mark.mikkelson@andersencorp.com
Jenny Giron	Intertek	847-871-1054	jenny.giron@intertek.com
David Piecuch	UL LLC	847-664-3760	David.Piecuch@ul.com

Following is a summary of EPA's questions, POCs' comments and EPA's responses (e.g., if and how the Agency incorporated the comments into ICR 2078.08):

Joining the ENERGY STAR program and Related Activities:

EPA provided two POCs with the ICR's burden estimates for completing a Product Brand Owner Partnership Application and asked if they are reasonable. EPA provided two POCs with the ICR burden estimates for completing an Application for Lab Recognition, Application for Lab Scope Expansion, Application for Witnessed/Supervised Manufacturing Testing Laboratories (W/SMTL) Recognition, Application for CB Recognition, and Application for CB Scope Expansion and asked if they are reasonable. The POCs discussed their experiences conducting these activities and indicated that the estimates are reasonable. EPA did not revise its estimates. The POC's indicated that no capital or operations and maintenance costs are involved with these activities because the materials are downloaded and completed online and submitted to EPA via email.

Certified Product Maintenance Activities: EPA provided two POCs with the ICR's burden estimates for third-party certified product information activities and asked if they are reasonable. The third-party certified product information activities include submitting certified model data, submitting verification testing data, submitting testing failure information, and submitting ineligible product information. EPA provided one POC with the ICR's burden estimates for Unit Shipment Data. The POCs discussed their experiences conducting these activities and indicated that the burden estimates are reasonable. EPA did not revise its estimates. The POCs indicated that no capital or operations and maintenance costs are involved with these activities because the materials are downloaded and completed online and submitted to EPA via email or via EPA's XML-based qualified product exchange (QPX) system for certification bodies (CBs) to submit information on products certified as ENERGY STAR via web services.⁴

POY and ENERGY STAR Most Efficient Recognition: EPA provided one POC with the ICR's burden estimates for the POY Application and the ENERGY STAR Most Efficient HVAC Narrative Guide and asked if they are reasonable. The POC discussed their experience conducting the activities and indicated that the burden estimates are reasonable. EPA did not revise its estimate. EPA provided one POC with the ICR's burden estimate for the ENERGY STAR Most Efficient Windows Application and asked if it is reasonable. The POC discussed their experience conducting the activity and indicated that the burden estimate is reasonable. EPA did not revise its estimate. The POCs indicated that no capital or operations and maintenance costs are involved with these activities because the materials are downloaded and completed online and submitted to EPA via email or EPA's XML-based qualified product exchange (QPX) system.

⁴ Data submitted through these web services are validated against the XML standard. Communication between web services is conducted using a SOAP-based API defined in the Web-Service Definition Language (WSDL). A further description of this service is provided here:

https://www.energystar.gov/partner_resources/products_partner_resources/third_party_cert/cbs/xml_submission

3.d EFFECTS OF LESS FREQUENT COLLECTION

EPA has carefully considered the information collection burden under the ENERGY STAR program. EPA is confident that those activities requested of respondents are necessary, and to the extent possible, the Agency has minimized the burden. A number of the requested activities, for example, will be performed once (e.g., one-time submittal of a Partnership Application). In addition, respondents can satisfy many of the collections in this ICR by submitting readily available information. For example, brand owner partners submit Unit Shipment Data on an annual basis in order to monitor and evaluate the program annually to ensure continued program success and benefits to Partners. EPA believes strongly that, if the information collections in this ICR are not performed at the requested frequency, EPA's ability to implement the ENERGY STAR program and the public's ability to benefit from the program's tools and resources could be hampered significantly.

3.e GENERAL GUIDELINES

With the following exception, information collections performed under this clearance will follow all of OMB's General Guidelines regarding federal data collection.

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 under the ENERGY STAR program.

4 THE RESPONDENTS AND THE INFORMATION REQUESTED

4.a RESPONDENTS AND NAICS CODES

Respondents for this information collection request include ENERGY STAR Partners, who are product manufacturers. The following list of North American Industry Classification System (NAICS) codes includes, but is not limited to industry segments which may be potential respondents to the information collections.⁵

NAICS	Industries
221111	Hydroelectric Power Generation

⁵U.S. Census Bureau. *North American Industry Classification System*. Accessed on May 20, 2019 <https://www.census.gov/eos/www/naics/>.

313320	Fabric Coating Mills
322211	Corrugated and Solid Fiber Box Manufacturing
323113	Commercial Screen Printing
324122	Asphalt Shingle and Coating Materials Manufacturing
325992	Photographic Film, Paper, Plate, and Chemical Manufacturing
327123	Other Structural Clay Product Manufacturing
327211	Flat Glass Manufacturing
327993	Mineral Wool Manufacturing
332321	Metal Window and Door Manufacturing
333298	All Other Industrial Machinery Manufacturing
333311	Automatic Vending Machine Manufacturing
333313	Office Machinery Manufacturing
333319	Other Commercial and Service Industry Machinery Manufacturing
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
334113	Computer Terminal Manufacturing
334119	Other Computer Peripheral Equipment Manufacturing
334210	Telephone Apparatus Manufacturing
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
334310	Audio and Video Equipment Manufacturing
334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
335110	Electric Lamp Bulb and Part Manufacturing
335121	Residential Electric Lighting Fixture Manufacturing
335129	Other Lighting Equipment Manufacturing
335222	Household Refrigerator and Home Freezer Manufacturing
335224	Household Laundry Equipment Manufacturing
423440	Other Commercial Equipment Merchant Wholesalers
423740	Refrigeration Equipment and Supplies Merchant Wholesalers
441310	Automotive Parts and Accessories Stores
443111	Household Appliance Stores
443120	Computer and Software Stores
444110	Home Centers
493120	Refrigerated Warehousing and Storage
541380	Testing Laboratories

4.b INFORMATION REQUESTED

This section describes the information collections under this ICR, including data items and respondent activities.

JOINING THE ENERGY STAR PROGRAM AND RELATED ACTIVITIES

Partnership Application (PA)

- i. Data Item**
- Partner name

- Programs for which they are partnering with EPA (participation form)
- Information on main contact person
- Information on marketing/PR contact person
- Signature of company official

Recordkeeping Item

There are no recordkeeping data items required pertaining to the Partnership Application.

ii Respondent Activity

- Review the instructions of the PA
- Complete and review the information requested by the PA
- Submit the PA
- Submit the joint statement between the brand owner and licensee, if applicable

Joint Statement between Brand Owner and Licensee, if applicable

i. Data Item

- Partner and Brand Owner name
- Information on brand involved in license agreement
- Information on expiration date of license agreement
- Information on main contact person at each organization
- Signatures of company officials

Recordkeeping Item

There are no recordkeeping data items required pertaining to the Joint Statement.

ii Respondent Activity

- Review the joint statement template
- Complete and review information requested in the template
- Submit as a supplement to the Partnership Application if applicable

Application for AB, CB, Lab, and W/SMTL Recognition and Scope Expansion

i Data Item

- Organization's name
- Organization's address
- Contact name, address, email, phone
- Preparer's name, title, date
- Programs (product categories) for which they are partnering with EPA
- Organization's relevant reference documents

Recordkeeping Items

The Accreditation Body maintains a record of quality management documentation as required by ISO 17011.

The Laboratory maintains a record of their accreditation certificate and scope of

accreditation.

The Certification Body maintains a record of their accreditation certificate and scope of accreditation.

ii Respondent Activity

- Review the instructions in the application
- Complete and review application
- Submit the application

CERTIFIED PRODUCT MAINTENANCE ACTIVITIES

Third-Party Certified Product Information

i Data Item

- Company Name
- Product Name and model number
- Product energy consumption attributes
- Other key product specific information according to the relevant ENERGY STAR product Eligibility Requirements
- Certified laboratories and certification bodies associated with the product.

Recordkeeping Items

The Certification Body maintains a certification record, and test reports on file for all products that undergo certification testing.

ii Respondent Activity

- Organize certified model data into format for automated submission
- Submit summary of verification testing data
- Submit testing failure information
- Submit information on ineligible products

Partner Response Forms (PRFs)

i Data Item

- Company name and contact information
- Case number
- Product name and model number
- OEM name
- Notification date
- Manufactured dates and sales information
- Downstream distribution chain information
- Additional affected model numbers and sales information
- Representative signature

Recordkeeping Items

There are no recordkeeping data items required pertaining to Partner Response Forms.

ii Respondent Activity

- Complete and submit “Disputable” version of the PRF
- Complete and submit “Non-disputable” version of the PRF
- Complete and submit Certification Error PRF
- Complete and submit CFL Disputable PRF

Unit Shipment Data

i Data Item

- Number of ENERGY STAR certified units shipped that year by product sub-type
- Total U.S. shipments that year (requested but not required)

Recordkeeping item

There are no recordkeeping data items required pertaining to Unit Shipment Data.

ii Respondent Activity

- Review instructions regarding Unit Shipment Data
- Gather annual Unit Shipment Data
- Compile and review USD by ENERGY STAR product category
- Submit Unit Shipment Data form

PARTNER OF THE YEAR (POY) AND MOST EFFICIENT RECOGNITION

Partner of the Year Application

i Data Item

- Name of the organization
- Name of the organization as it should appear on the award
- Information on the primary contact person
- Information on the communications contact
- Information on the organization CEO
- Information on the organization headquarters
- Information on the award category
- Information on the number of products labeled, number of ENERGY STAR certified homes built, benchmarks reached or surpassed in energy management, benchmarks reached or surpassed in EE program delivery
- Information on training, communication and outreach efforts
- Information on other special endeavors or services provided

Recordkeeping Item

There are no recordkeeping data items required pertaining to Partner of the Year award applications.

ii Respondent Activity

- Review the eligibility requirements and instructions on the application

- Gather data
- Complete and review the information and narrative descriptions in the application
- Submit the application
- Submit original examples of communication materials

ENERGY STAR Most Efficient Windows Application

i Data Item

- Company Name
- Contact's name, address, and email
- Company's Most Efficient webpage
- Product line name(s) and model number(s)
- Product energy consumption attributes
- Other key product specific information

Recordkeeping Items

There are no recordkeeping data items required pertaining to the ENERGY STAR Most Efficient Windows Application.

ii Respondent Activity

- Review the eligibility requirements for model recognition and instructions on application
- Gather data and test report
- Complete the and review the information on the application
- Submit the application and NAFS test report cover page(s)

ENERGY STAR Most Efficient HVAC Narrative Guide

i Data Item

- Product Name and model number
- Narrative description of automatic setup capabilities
- Narrative description of access to system fault history
- Narrative description of alerts of servicing
- Narrative description of capabilities to facilitate installation and maintenance
- Narrative description of compressor(s) and staging
- Narrative description of capability to measure external static pressure

Recordkeeping Items

There are no recordkeeping data items required pertaining to the ENERGY STAR Most Efficient HVAC Narrative Guide.

ii Respondent Activity

- Review the eligibility requirements and instructions on the application
- Gather data
- Complete and review the narrative descriptions in the application
- Submit the application

5 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 Application

EPA must perform the following activities related to the Partnership Application:

- Modify PA to be submitted by applicants
- Post the PA templates on the website
- Review the completed PA
- Send the joint statement template for the brand licensee and brand owner to sign, if a brand licensee is applying for partnership
- Enter the information contained in the PA into EPA database. (Include information from the joint statement, if applicable.)
- Send email welcoming them to the program

Application for AB, CB, Lab, and W/SMTL Recognition and Scope Expansion

EPA must perform the following activities related to recognition of these entities:

- Modify application to be submitted by AB/CB/Labs
- Disseminate via the internet
- Review the completed application
- Enter the information into EPA database

CERTIFIED PRODUCT MAINTENANCE ACTIVITIES

Third-Party Certified Product Information

EPA must perform the following activities related to third-party certified product information:

- Maintain web services and incorporate model data from CBs into database
- Review and ensure accuracy of testing failure information
- Review and ensure accuracy of verification testing
- Review and ensure accuracy of verification testing summary report
- Maintain ineligible products list

Partner Response Forms:

EPA must perform the following activities related to Partner Response Forms:

- Review "Disputable" version of the PRF

- Review “Non-disputable” version of the PRF
- Review Certification Error PRF
- Review CFL Disputable PRF

Unit Shipment Data

EPA must perform the following activities related to Unit Shipment Data:

- Review Unit Shipment Data
- Compile information in aggregate form per product category
- Evaluate aggregate data to determine ENERGY STAR success and/or need for program adjustment

PARTNER OF THE YEAR (POY) AND ENERGY STAR MOST EFFICIENT RECOGNITION

Partner of the Year Application

EPA must perform the following activities related to Partner of the Year application:

- Update the award criteria
- Post application on the website
- Review submitted awards applications
- Send a letter of award or loss

ENERGY STAR Most Efficient Windows Application

EPA must perform the following activities related to Most Efficient Windows Application:

- Develop the Most Efficient criteria
- Review the submitted applications
- Email a letter of recognition to the partner

ENERGY STAR Most Efficient HVAC Narrative Guide

EPA must perform the following activities related to Most Efficient HVAC Narrative Guide:

- Develop the Most Efficient criteria
- Review the submitted narrative guides
- Email a letter of recognition to the partner

5.b COLLECTION METHODOLOGY AND MANAGEMENT

In collecting and analyzing the information associated with this ICR, EPA will use a telephone system, personal computers, the Internet, and applicable database software. EPA will ensure accuracy and completeness of collected information by reviewing and validating each submittal. Respondents can submit the information electronically (e.g., via email), without the use of postal mail. EPA will enter the information obtained into a database and will aggregate data obtained in order to make that information available to the public and monitor the progress of program implementation. For example, all certified products are made available to the public

on EPA's Product Finder Tool(<https://www.energystar.gov/productfinder/>); results of the unit shipment data collection process are summarized in a report found on EPA's website (https://www.energystar.gov/partner_resources/products_partner_resources/brand_owner_resources/unit_shipment_data); and results of the verification testing of products is posted on EPA's website (https://www.energystar.gov/partner_resources/products_partner_resources/brand_owner_resources/verification_testing_products). In addition, EPA posts award winners online at <https://www.energystar.gov/awardwinners>.

5.c SMALL ENTITY FLEXIBILITY

EPA expects that small entities will participate in ENERGY STAR product labeling. EPA has designed information requirements to minimize respondent burden while obtaining sufficient and accurate information. Under EPA's ENERGY STAR product certification process, EPA gives organizations the flexibility to use their own in-house laboratory for testing or contract with an independent laboratory. EPA believes this ensures small businesses have plenty of options when searching for a third-party entity to conduct testing and certification of their products. Third-party certification bodies and laboratories submit certifications directly to EPA, reducing the burden on brand owner partners from needing to submit certification information.

5.d COLLECTION SCHEDULE

EPA collects initial information in the Partnership Agreement, which is completed and submitted by every Partner participating in ENERGY STAR. EPA also collects from brand licensees a joint statement with the brand owner prior to signing the Partnership agreement. In order to be recognized by EPA as an ENERGY STAR appropriate Accreditation Body, Laboratory and/or Certification Body, entities must provide EPA with the relevant documentation to provide assurance of their competence to perform these tasks. CBs must provide EPA with a summary of verification testing completed twice a year and report information on ineligible products and products that fail verification testing as they occur. EPA also requests that Product Brand Owner Partners submit information on their unit shipments of ENERGY STAR labeled products annually by March 1st for shipments during the previous calendar year. EPA requests this information the first week of January and reminds partners in February in advance of the annual deadline. Partners interested in receiving recognition for their efforts on ENERGY STAR submit a Partner of the Year Award application.

6 ESTIMATING THE BURDEN AND COST OF THE COLLECTION

6.a ESTIMATING RESPONDENT BURDEN

EPA conducted consultations with ENERGY STAR Partners to estimate respondent burden hours for the activities covered by this ICR. The responses EPA received were averaged to estimate the hourly burden for each activity. Exhibit 1 presents the estimated annual respondent burden for information collection activities associated with ENERGY STAR product labeling.

6.b ESTIMATING RESPONDENT COSTS

Exhibit 1 presents the estimated annual respondent costs for information collection activities associated with ENERGY STAR product labeling. The estimated annual respondent costs are discussed below.

Estimating Labor Costs

EPA estimates an average hourly respondent labor cost (\$2,021) of \$116.99/hr for legal staff, \$98.78/hr for managerial staff, \$47.83/hr for technical staff, and \$31.75/hr for clerical staff. To derive these hourly estimates, EPA referred to the *May 2020 National Occupational Employment and Wage Estimates* published by the U.S. Bureau of Labor Statistics.⁶ This publication summarizes the unloaded (base) hourly rate for major occupational groups.⁷ EPA then applied the standard government overhead factor of 1.6 to the unloaded rate to derive loaded hourly rates. Finally, EPA updated the loaded hourly rates to March 2021 levels using Employment Cost Indexes developed by the U.S. Bureau of Labor Statistics.⁸

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

EPA does not expect Partners to incur capital or operations and maintenance costs to meet the information requests of ENERGY STAR, because Partners conduct the activities online and work with their certification bodies submit the information via email or EPA's XML-based QPX system.

6.c ESTIMATING AGENCY BURDEN AND COSTS

The hourly Agency labor rates used in this ICR were obtained from the 2021 Salary Tables for federal civilian employees, which are published by the Office of Personnel Management.⁹ EPA estimates an average hourly labor cost of \$84.69/hr for legal staff, \$79.20/hr for managerial staff, \$58.06/hr for technical staff, and \$23.31/hr 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

⁶ U.S. Bureau of Labor Statistics (BLS), Occupational Employment Statistics (OES), *May 2020 National Occupational Employment and Wage Estimates*. Available online at https://www.bls.gov/oes/2020/may/oes_nat.htm.

⁷ For purposes of this analysis, the following occupational groups of the U.S. Bureau of Labor Statistics (BLS) were used: legal staff, SOC 23-1011, Lawyers; managerial staff, BLS SOC Code 11-1021, General and Operations Managers; technical staff, BLS SOC Code 17-3027, Mechanical Engineering Technicians; and clerical staff, BLS SOC Code 43-6014, Secretaries and Administrative Assistants, Except Legal, Medical, and Executive.

⁸ Bureau of Labor Statistics; "Table 1. Employment Cost Index for total compensation, by occupational group and industry;" Employment Cost Index, Historical Listing - Volume III, Current Dollar, March 2001-March 2021 (December 2005=100); June 2021. Available at <https://www.bls.gov/web/eci/echistrynaics.pdf>. Civilian Workers, All Workers, June 2020=140.7 and March 2021=143.70.

⁹ See 2021 General Schedule (Base), "SALARY TABLE 2021-GS INCORPORATING THE 1% GENERAL SCHEDULE INCREASE EFFECTIVE JANUARY 2021," available at: https://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/salary-tables/pdf/2021/GS_h.pdf

derive hourly estimates, EPA multiplied hourly rates by the standard government overhead factor of 1.6. Agency burden and costs are estimated in Exhibit 2.

EPA anticipates one instance of Agency O&M costs associated with ENERGY STAR product labeling information collection activities. This corresponds to the cost of \$0.55 to mail a letter of congratulations to the executive management team of Partners who are awarded Sustained Excellence - Partner of the Year as part of the annual ENERGY STAR Awards. EPA continues the practice of sending these letters to executives because it strengthens the recognition benefit of the partnership. They are well received by partners, which the agency considers a valuable gain relative to the small cost

6.d ESTIMATING THE RESPONDENT UNIVERSE AND TOTAL BURDEN AND COSTS

In this section, EPA describes its estimates of the number of respondents carrying out the information collections under the ENERGY STAR product labeling program. In developing its estimates, EPA referred to its databases and other documentation in order to understand historical trends in the number of new and existing respondents. While number of respondents will vary from year to year, based on these resources, EPA has estimated the average annual number of respondents associated with each of the information collections under the program.

In total, EPA estimates approximately 2,732 respondents participate under the ENERGY STAR products labeling program annually. In deriving this estimate, EPA referred to its databases to determine the current number of respondent Partners, including Product Brand Owners, Retailers, EEPS¹⁰, ABs, CBs, and Labs. EPA notes that most respondents in this ICR are current Partners. EPA next identified the number of new organizations expected to join the program each year for the next three years, based on historical trends over the last three years.

These organizations are discussed further below.

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

Partnership Application

EPA has developed a Partnership Application process for product brand owners, retailers, and EEPS wishing to join the ENERGY STAR product labeling program, which consists of a partnership agreement form and a participation form. It is expected that 250 new brand owner, retailers, and EEPS Partners will join each year for the three years of this ICR, as reflected in Exhibit 1.¹¹ One joint statement template for brand owners and brand licensees has been developed by EPA for ENERGY STAR product labeling. It is expected that 15 Brand Owner templates will be submitted along with the Partnership Application each year, for the three years of this ICR.

¹⁰ The total number of EEPS with ENERGY STAR Partner Accounts is distinct from the number of EEPS Partners actively responding to information collection requests. EPA estimates that around 200 EEPS Partners respond to information collection requests.

¹¹ This ICR estimates the burden for EEPS Partnership Applications across all ENERGY STAR programs (e.g., Products, C&I). All EEPS complete and submit the same Partnership Application to EPA.

Partnership Type	Number of Annual Respondents
Product Brand Owner	200
Retailer	35
EEPS	15
Total	250

Application for AB, CB, and Lab Recognition and Scope Expansion

As reflected in Exhibit 1, EPA estimates that it will receive 25 applications for lab recognition, 40 applications for lab scope expansion, and 15 applications for W/SMTL recognition each year.

Further, the number of Accreditation Bodies and Certification Bodies has changed minimally over the last three years because most interested stakeholders are already participants. EPA estimates that it will receive 1 application from an AB over the next three years, and 2 applications from CBs each year over the next three years. Because this ICR estimates annual burden over a 3-year period, EPA has annualized the one AB application over three years, to estimate that 0.33 applications will be received annually on average.

CERTIFIED PRODUCT MAINTENANCE ACTIVITIES (EXHIBIT 2)

Third Party Certified Product Information

Product specifications for over 75 different products are developed and maintained by EPA under the ENERGY STAR product labeling program. Each product category has specific qualifying product information that must be reviewed, certified and shared by the CB. An average of 13,000 products are certified and labeled with the ENERGY STAR annually.

As reflected in Exhibit 1, EPA estimates that 20 CBs will organize their certified model data into a format for automated submission. EPA updates the lists of certified models daily to reflect the most current information that has been transmitted to the EPA database via web services. CBs conduct verification and challenge testing on an ongoing basis and verify a minimum sampling of products each year. Specifically, in 2020, 19 CBs submitted the summary of the testing they conducted for the year. In prior years 20 CBs have submitted summary data, which supports the estimated number of entities EPA expects to report this information every year. On average CBs reported 355 product failures to EPA in the last three years. This number tends to fluctuate annually and could decrease in future years as product quality control increases. CBs report to EPA information on products reviewed for certification, but not eligible for ENERGY STAR. Based on the average number of ineligible products reported to EPA in the past three years, EPA expects 21 ineligible products to be reported each year under this ICR.

Partner Response Forms

Upon receipt of an official testing failure or delisted product letter from EPA, brand owner Partners complete and submit to EPA a Partner Response Form. There are several

versions of this form (e.g., “Disputable” version, “Non-disputable” version). In total, EPA expects 161 Partner Response Forms to be submitted each year under this ICR.

Unit Shipment Data

Each year, ENERGY STAR Partners are asked to submit unit shipment data for their ENERGY STAR labeled products. Based on historical trends of data, EPA estimates that it will receive 1,727 unit shipment reports each year. Unit shipment data will be aggregated for each of the product categories covered by EPA under ENERGY STAR. These estimates are based on aggregates across the 75 product categories.

POY AND MOST EFFICIENT RECOGNITION (EXHIBIT 3)

Partner of the Year Application

As reflected in Exhibit 1, EPA expects to receive 51 Products Partner of the Year Award applications annually.

ENERGY STAR Most Efficient Windows Application

ENERGY STAR brand owner partners who have ENERGY STAR certified window models that meet the ENERGY STAR Most Efficient Windows Recognition Criteria and wish to apply to gain Most Efficient recognition submit a Most Efficient Windows application. EPA expects to receive 5 Most Efficient Windows applications each year.

ENERGY STAR Most Efficient HVAC Narrative Guide

ENERGY STAR brand owner partners who have ENERGY STAR certified central air conditioner and air source heat pump, furnace, or geothermal heat pump models that meet the ENERGY STAR Most Efficient Recognition Criteria and wish to apply to gain Most Efficient recognition submit an ENERGY STAR Most Efficient HVAC Narrative Guide. EPA expects to receive 36 Most Efficient HVAC Narrative Guides each year.

Exhibit 1:

**Estimated Annual Respondent Burden and Cost
ENERGY STAR Program: Joining the ENERGY STAR Program and Related Activities**

Information Collection Activity	Hours and Costs Per Respondent/Qualifying Product								Total Hours and Costs		
	Legal Hours	Manager Hours	Technical Hours	Clerical Hours	Respond Hours/Year	Labor Costs/Year	Ann. Startup Costs	Annual O&M Costs	No of Resp. Activities	Total Hours/Year	Total Cost/Year
Hourly rate	\$ 116.99	\$ 98.78	\$ 47.83	\$ 31.75							
Joining the ENERGY STAR Program and Related Activities											
Partnership Application (PA)											
Review the instructions of the PA	0.54	1.52	0.23	0.10	2.39	\$227.50	\$0.00	\$0.00	250	597.50	\$56,874.44
Complete and review the information requested by the PA	0.45	1.31	0.23	0.10	2.09	\$208.29	\$0.00	\$0.00	250	522.50	\$52,072.51
Submit the PA	0.04	0.67	0.27	0.48	1.46	\$99.02	\$0.00	\$0.00	250	365.00	\$24,754.56
Submit brand owner letter, if applicable	0.04	0.67	0.27	0.48	1.46	\$99.02	\$0.00	\$0.00	15	21.90	\$1,485.27
Subtotal	1.07	4.17	1.00	1.16	7.40	\$633.82	\$0.00	\$0.00	765	1,506.90	\$135,187
Application for Lab Recognition											
Review Instructions	0.00	0.28	0.78	2.00	3.06	\$128.47	\$0.00	\$0.00	25	76.50	\$3,211.71
Complete and review application	0.17	0.35	0.67	2.19	3.38	\$156.04	\$0.00	\$0.00	25	84.50	\$3,901.06
Submit the application	0.00	0.08	0.02	0.73	0.83	\$32.04	\$0.00	\$0.00	25	20.75	\$800.93
Subtotal	0.17	0.71	1.47	4.92	7.27	\$316.55	\$0.00	\$0.00	75	181.75	\$7,914
Application for Lab Scope Expansion											
Review Instructions	0.00	0.28	0.78	2.00	3.06	\$128.47	\$0.00	\$0.00	40	122.40	\$5,138.74
Complete and review application	0.09	0.18	0.34	1.10	1.69	\$78.02	\$0.00	\$0.00	40	67.60	\$3,120.85
Submit the application	0.00	0.08	0.02	0.73	0.83	\$32.04	\$0.00	\$0.00	40	33.20	\$1,281.49
Subtotal	0.09	0.54	1.14	3.83	5.58	\$238.53	\$0.00	\$0.00	120	223.20	\$9,541
Application for W/SMITL Recognition											
Review Instructions	0.00	0.28	0.78	2.00	3.06	\$128.47	\$0.00	\$0.00	15	45.90	\$1,927.03
Complete and review application	0.04	0.09	0.17	0.55	0.85	\$39.01	\$0.00	\$0.00	15	12.68	\$585.16
Submit the application	0.00	0.08	0.02	0.73	0.83	\$32.04	\$0.00	\$0.00	15	12.45	\$480.56
Subtotal	0.04	0.45	0.97	3.28	4.74	\$199.52	\$0.00	\$0.00	45	71.03	\$2,993
Application for CB Recognition											
Review Instructions	0.00	0.28	0.78	2.00	3.06	\$128.47	\$0.00	\$0.00	2	6.12	\$256.94
Complete and review application	0.34	0.70	1.34	4.38	6.76	\$312.08	\$0.00	\$0.00	2	13.52	\$624.17
Submit the application	0.00	0.08	0.02	0.73	0.83	\$32.04	\$0.00	\$0.00	2	1.66	\$64.07
Subtotal	0.34	1.06	2.14	7.11	10.65	\$472.59	\$0.00	\$0.00	6	21.30	\$945
Application for CB Scope Expansion											
Review Instructions	0.00	0.14	0.39	1.00	1.53	\$64.23	\$0.00	\$0.00	4	6.12	\$256.94
Complete and review application	0.17	0.35	0.67	2.19	3.38	\$156.04	\$0.00	\$0.00	4	13.52	\$624.17
Submit the application	0.00	0.08	0.02	0.73	0.83	\$32.04	\$0.00	\$0.00	4	3.32	\$128.15
Subtotal	0.17	0.57	1.08	3.92	5.74	\$252.31	\$0.00	\$0.00	12	22.96	\$1,009
Application for AB Recognition											
Review Instructions	0.00	0.28	0.78	2.00	3.06	\$128.47	\$0.00	\$0.00	0.33	1.02	\$42.82
Complete and review application	0.17	0.35	0.67	2.19	3.38	\$156.04	\$0.00	\$0.00	0.33	1.13	\$52.01
Submit the application	0.00	0.08	0.02	0.73	0.83	\$32.04	\$0.00	\$0.00	0.33	0.28	\$10.68
Subtotal	0.17	0.71	1.47	4.92	7.27	\$316.55	\$0.00	\$0.00	1.00	2.42	\$106
TOTAL	2.05	8.20	9.26	29.13	48.65	\$2,429.87	\$0.00	\$0.00	Varies	2029.56	\$157,694.26

Exhibit 2:

**Estimated Annual Respondent Burden and Cost
ENERGY STAR Program: Certified Product Maintenance Activities**

	Hours and Costs Per Respondent/Qualifying Product								Total Hours and Costs		
	Legal Hours	Manager Hours	Technical Hours	Clerical Hours	Respond Hours/Year	Labor Costs/Year	Ann. Startup Costs	Annual O&M Costs	No of Resp. Activities	Total Hours/Year	Total Cost/Year
Information Collection Activity											
Hourly rate	\$ 116.99	\$ 98.78	\$ 47.83	\$ 31.75							
Certified Product Maintenance Activities											
Third-Party certified product information											
Organize certified model data into format for automated submission	0.00	0.28	5.10	45.00	50.38	\$1,700.38	\$0.00	\$0.00	20	1,007.60	\$34,007.67
Submit summary of verification testing data	0.00	1.00	2.00	17.50	20.50	\$750.08	\$0.00	\$0.00	20	410.00	\$15,001.67
Submit testing failure information	0.00	2.00	4.25	0.00	6.25	\$400.84	\$0.00	\$0.00	355	2,218.75	\$142,299.75
Submit information on ineligible products	0.00	1.00	4.15	0.00	5.15	\$297.28	\$0.00	\$0.00	21	108.15	\$6,242.86
Subtotal	0.00	4.28	15.50	62.50	82.28	\$3,148.59	\$0.00	\$0.00	416	3,744.50	\$197,552
Partner Response Forms (PRFs)											
Complete and submit "Disputable" version of the PRF	0.30	0.30	0.30	0.60	1.50	\$98.13	\$0.00	\$0.00	68	102.00	\$6,672.86
Complete and submit "Non-disputable" version of the PRF	0.30	0.30	0.30	0.60	1.50	\$98.13	\$0.00	\$0.00	44	66.00	\$4,317.73
Complete and submit Certification Error PRF	0.30	0.30	0.30	0.60	1.50	\$98.13	\$0.00	\$0.00	4	6.00	\$392.52
Complete and submit CFL Disputable PRF	0.30	0.30	0.30	0.60	1.50	\$98.13	\$0.00	\$0.00	45	67.50	\$4,415.86
Subtotal	1.20	1.20	1.20	2.40	6.00	\$392.52	\$0.00	\$0.00	161	241.50	\$15,799
Unit Shipment Data (USD) of ENERGY STAR Products											
Review instructions regarding USD	0.31	0.68	0.33	0.06	1.38	\$121.13	\$0.00	\$0.00	1,727	2,383.26	\$209,186.02
Gather annual unit shipment data	0.00	1.40	3.19	2.25	6.84	\$398.58	\$0.00	\$0.00	1,727	11,812.68	\$688,347.32
Compile and review USD by ENERGY STAR product category	0.06	2.68	2.81	2.25	7.80	\$477.60	\$0.00	\$0.00	1,727	13,470.60	\$824,813.32
Submit unit shipment data form	0.00	0.44	0.28	0.75	1.47	\$80.67	\$0.00	\$0.00	1,727	2,538.69	\$139,316.90
Subtotal	0.37	5.20	6.61	5.31	17.49	\$1,077.98	\$0.00	\$0.00	6,908	30,205.23	\$1,861,664
TOTAL	1.57	10.68	23.31	70.21	105.77	\$4,619.09	\$0.00	\$0.00	Varies	34191.23	\$2,075,014.47

Exhibit 3:

**Estimated Annual Respondent Burden and Cost
ENERGY STAR Program: Partner of the Year (POY) and ENERGY STAR Most Efficient Recognition**

	Hours and Costs Per Respondent/Qualifying Product								Total Hours and Costs		
	Legal Hours	Manager Hours	Technical Hours	Clerical Hours	Respond Hours/Year	Labor Costs/Year	Ann. Startup Costs	Annual O&M Costs	No of Resp. Activities	Total Hours/Year	Total Cost/Year
Information Collection Activity											
Hourly rate	\$ 116.99	\$ 98.78	\$ 47.83	\$ 31.75							
Partner of the Year (POY) and Most Efficient Recognition											
Partner of the Year Application											
Review the eligibility information and instructions on application	0.39	3.00	0.72	3.50	7.61	\$487.54	\$0.00	\$0.00	51	388.11	\$24,864.41
Gather data	0.00	18.20	6.50	11.89	36.59	\$2,486.25	\$0.00	\$0.00	51	1,866.09	\$126,798.92
Complete and review the information and narrative descriptions	0.05	20.27	3.77	1.16	25.25	\$2,225.32	\$0.00	\$0.00	51	1,287.75	\$113,491.21
Submit the application	0.00	1.06	0.05	0.27	1.38	\$115.67	\$0.00	\$0.00	51	70.38	\$5,899.35
Submit original examples of communications materials	0.00	1.55	0.22	0.36	2.13	\$175.07	\$0.00	\$0.00	51	108.63	\$8,928.34
Subtotal	0.44	44.08	11.26	17.18	72.96	\$5,489.85	\$0.00	\$0.00	255	3,720.96	\$279,982
Most Efficient Windows Application											
Review the eligibility information for model recognition and instructions on application	0.04	0.33	0.08	0.39	0.85	\$54.17	\$0.00	\$0.00	5	4.23	\$270.85
Gather data and test report	0.00	2.02	0.72	1.32	4.07	\$276.25	\$0.00	\$0.00	5	20.33	\$1,381.25
Complete and review the information in the application	0.01	2.25	0.42	0.13	2.81	\$247.26	\$0.00	\$0.00	5	14.03	\$1,236.29
Submit the application and NAFS test report cover page(s)	0.00	0.12	0.01	0.03	0.15	\$12.85	\$0.00	\$0.00	5	0.77	\$64.26
Subtotal	0.05	4.73	1.23	1.87	7.87	\$590.53	\$0.00	\$0.00	20	39.35	\$2,953
Most Efficient HVAC Narrative Guide											
Review the eligibility information and instructions on the application	0.04	0.33	0.08	0.39	0.85	\$54.17	\$0.00	\$0.00	36	30.44	\$1,950.15
Gather data	0.00	3.03	1.08	1.98	6.10	\$414.38	\$0.00	\$0.00	36	219.54	\$14,917.52
Complete and review the narrative descriptions in the application	0.01	3.38	0.63	0.19	4.21	\$370.89	\$0.00	\$0.00	36	151.50	\$13,351.91
Submit the application	0.00	0.18	0.01	0.05	0.23	\$19.28	\$0.00	\$0.00	36	8.28	\$694.04
Subtotal	0.05	6.92	1.80	2.61	11.38	\$858.71	\$0.00	\$0.00	144	409.76	\$30,914
TOTAL	0.54	55.73	14.29	21.66	92.21	\$6,939.09	\$0.00	\$0.00	Varies	4,170.07	\$313,848.51

Exhibit 4:

Estimated Annual Agency Burden and Cost

Information Collection Activity	Agency Hours and Costs Per Respondent/Qualifying Product								Total Hours and Costs		
	Legal Hours	Managerial Hours	Technical Hours	Clerical Hours	Agency Hours/Year	Labor Costs/Year	Ann. Capital Costs	Annual O&M Costs	No. of Resp. Activities	Total Hours/Year	Total Cost/Year
Hourly Rate	\$84.69	\$79.20	\$58.06	\$23.31							
Joining the ENERGY STAR Program and Related Activities											
Partnership Application (PA)											
Modify PA to be submitted by applicants	0.00	0.00	0.50	0.00	0.50	\$29.03	\$0.00	\$0.00	2	1.00	\$58.06
Post the PA templates on the website	0.00	0.00	0.00	0.25	0.25	\$5.83	\$0.00	\$0.00	2	0.50	\$11.66
Review the completed PA	0.00	0.25	0.50	0.50	1.25	\$60.49	\$0.00	\$0.00	250	312.50	\$15,122.00
Enter the information contained in the PA into EPA database	0.00	0.00	0.00	0.50	0.50	\$11.66	\$0.00	\$0.00	250	125.00	\$2,914.00
Send email welcoming them to the program	0.00	0.00	0.00	0.25	0.25	\$5.83	\$0.00	\$0.00	250	62.50	\$1,457.00
Subtotal	0.00	0.25	1.00	1.50	2.75	\$112.83	\$0.00	\$0.00	Varies	501.50	\$19,562.72
Application for Lab Recognition											
Modify application to be submitted by AB/CB/Labs	0.00	0.25	0.50	1.00	1.75	\$72.14	\$0.00	\$0.00	2	3.50	\$144.29
Disseminate via the Internet	0.00	0.00	0.25	0.00	0.25	\$14.52	\$0.00	\$0.00	2	0.50	\$29.03
Review the completed application	0.00	0.00	0.50	0.00	0.50	\$29.03	\$0.00	\$0.00	25	12.50	\$725.80
Enter the information into EPA database	0.00	0.00	0.00	0.50	0.50	\$11.66	\$0.00	\$0.00	25	12.50	\$291.40
Subtotal	0.00	0.25	1.25	1.50	3.00	\$127.35	\$0.00	\$0.00	Varies	29.00	\$1,190.52
Application for Lab Scope Expansion											
Review the completed application	0.00	0.00	0.25	0.00	0.25	\$14.52	\$0.00	\$0.00	40	10.00	\$580.64
Enter the information into EPA database	0.00	0.00	0.00	0.25	0.25	\$5.83	\$0.00	\$0.00	40	10.00	\$233.12
Subtotal	0.00	0.00	0.25	0.25	0.50	\$20.34	\$0.00	\$0.00	40	20.00	\$813.76
Application for W/SMTL Recognition											
Modify application to be submitted by AB/CB/Labs	0.00	0.25	0.50	1.00	1.75	\$72.14	\$0.00	\$0.00	2	3.50	\$144.29
Disseminate via the Internet	0.00	0.00	0.25	0.00	0.25	\$14.52	\$0.00	\$0.00	2	0.50	\$29.03
Review the completed application	0.00	0.00	0.25	0.00	0.25	\$14.52	\$0.00	\$0.00	15	3.75	\$217.74
Enter the information into EPA database	0.00	0.00	0.00	0.25	0.25	\$5.83	\$0.00	\$0.00	15	3.75	\$87.42
Subtotal	0.00	0.25	1.00	1.25	2.50	\$107.00	\$0.00	\$0.00	Varies	11.50	\$478.48
Application for CB Recognition											
Modify application to be submitted by AB/CB/Labs	0.00	0.25	0.50	1.00	1.75	\$72.14	\$0.00	\$0.00	2	3.50	\$144.29
Disseminate via the Internet	0.00	0.00	0.50	0.00	0.50	\$29.03	\$0.00	\$0.00	2	1.00	\$58.06
Review the completed application	0.00	0.50	3.00	0.00	3.50	\$213.79	\$0.00	\$0.00	2	7.00	\$427.58
Enter the information into EPA database	0.00	0.00	0.00	0.50	0.50	\$11.66	\$0.00	\$0.00	2	1.00	\$23.31
Subtotal	0.00	0.75	4.00	1.50	6.25	\$326.62	\$0.00	\$0.00	2	12.50	\$653.25
Application for CB Scope Expansion											
Review the completed application	0.00	0.00	1.00	0.00	1.00	\$58.06	\$0.00	\$0.00	4	4.00	\$232.26
Enter the information into EPA database	0.00	0.00	0.00	0.25	0.25	\$5.83	\$0.00	\$0.00	4	1.00	\$23.31
Subtotal	0.00	0.00	1.00	0.25	1.25	\$63.89	\$0.00	\$0.00	4	5.00	\$255.57
Application for AB Recognition											
Modify application to be submitted by AB/CB/Labs	0.00	0.25	0.50	1.00	1.75	\$72.14	\$0.00	\$0.00	2	3.50	\$144.29
Disseminate via the Internet	0.00	0.00	0.50	0.00	0.50	\$29.03	\$0.00	\$0.00	2	1.00	\$58.06
Review the completed application	0.00	0.50	3.00	0.00	3.50	\$213.79	\$0.00	\$0.00	0.33	1.16	\$70.55
Enter the information into EPA database	0.00	0.00	0.00	0.50	0.50	\$11.66	\$0.00	\$0.00	0.33	0.17	\$3.85
Subtotal	0.00	0.75	4.00	1.50	6.25	\$326.62	\$0.00	\$0.00	Varies	5.82	\$276.75

Exhibit 4 Cont.:

Estimated Annual Agency Burden and Cost

Information Collection Activity	Agency Hours and Costs Per Respondent/Qualifying Product								Total Hours and Costs		
	Legal Hours	Managerial Hours	Technical Hours	Clerical Hours	Agency Hours/Year	Labor Costs/Year	Ann. Capital Costs	Annual O&M Costs	No. of Resp. Activities	Total Hours/Year	Total Cost/Year
Hourly Rate	\$84.69	\$79.20	\$58.06	\$23.31							
Certified Product Maintenance Activities											
Third-Party Certified Product Information											
Maintain web services and incorporate model data from	0.00	1.00	15.00	2.00	18.00	\$996.78	\$0.00	\$0.00	12	216.00	\$11,961.41
Review and ensure accuracy of testing failure informati	0.00	0.50	1.50	1.00	3.00	\$150.01	\$0.00	\$0.00	355	1,065.00	\$53,252.84
Review and ensure accuracy of verification testing	0.00	0.50	6.00	2.00	8.50	\$434.61	\$0.00	\$0.00	40	340.00	\$17,384.32
Review and ensure accuracy of verification testing sum	0.00	1.00	6.50	2.50	10.00	\$514.90	\$0.00	\$0.00	2	20.00	\$1,029.79
Maintain ineligible products list	0.00	0.50	2.00	3.00	5.50	\$225.66	\$0.00	\$0.00	4	22.00	\$902.66
Subtotal	0.00	3.50	31.00	10.50	45.00	\$2,321.96	\$0.00	\$0.00	Varies	1,663.00	\$84,531.02
Partner Response Forms (PRFs)											
Review "Disputable" version of the PRF	0.10	0.00	0.10	0.00	0.20	\$14.28	\$0.00	\$0.00	68	13.60	\$970.71
Review "Non-disputable" version of the PRF	0.05	0.00	0.05	0.00	0.10	\$7.14	\$0.00	\$0.00	44	4.40	\$314.05
Review Certification Error PRF	0.05	0.00	0.05	0.00	0.10	\$7.14	\$0.00	\$0.00	4	0.40	\$28.55
Review CFL Disputable PRF	0.10	0.00	0.10	0.00	0.20	\$14.28	\$0.00	\$0.00	45	9.00	\$642.38
Subtotal	0.30	0.00	0.30	0.00	0.60	\$42.83	\$0.00	\$0.00	Varies	27.40	\$1,955.70
Unit Shipment Data for ENERGY STAR Products											
Review unit shipment data	0.00	0.00	2.00	2.00	4.00	\$162.75	\$0.00	\$0.00	1,727	6,908.00	\$281,072.70
Compile information in aggregate form per product cate	0.00	0.00	2.00	4.00	6.00	\$209.38	\$0.00	\$0.00	75	450.00	\$15,703.20
Evaluate aggregate data to determine program success	0.00	4.00	2.00	0.00	6.00	\$432.93	\$0.00	\$0.00	75	450.00	\$32,469.60
Subtotal	0.00	4.00	6.00	6.00	16.00	\$805.06	\$0.00	\$0.00	Varies	7,808.00	\$329,245.50

Exhibit 4 Cont.:

Estimated Annual Agency Burden and Cost

Information Collection Activity	Agency Hours and Costs Per Respondent/Qualifying Product								No. of Resp. Activities
	Legal Hours	Managerial Hours	Technical Hours	Clerical Hours	Agency Hours/Year	Labor Costs/Year	Ann. Capital Costs	Annual O&M Costs	
Hourly Rate	\$84.69	\$79.20	\$58.06	\$23.31					
Partner of the Year (POY) and Most Efficient Recognition									
Partner of the Year Application									
Update the award criteria	0.00	4.00	10.00	1.50	15.50	\$932.41	\$0.00	\$0.00	1
Post application on the website	0.00	0.00	0.50	2.00	2.50	\$75.66	\$0.00	\$0.00	1
Review submitted awards applications	0.00	2.00	10.00	0.00	12.00	\$739.04	\$0.00	\$0.00	51
Send a letter of award or loss	0.00	0.00	0.00	0.50	0.50	\$11.66	\$0.00	\$0.55	51
Subtotal	0.00	6.00	20.50	4.00	30.50	\$1,758.76	\$0.00	\$0.55	Varies
Most Efficient Windows Application									
Develop the Most Efficient criteria	0.00	2.00	5.00	0.75	7.75	\$466.20	\$0.00	\$0.00	5
Review the submitted applications	0.00	0.00	4.00	0.00	4.00	\$232.26	\$0.00	\$0.00	5
Email a letter of recognition to the partner	0.00	0.00	0.00	0.50	0.50	\$11.66	\$0.00	\$0.00	5
Subtotal	0.00	2.00	9.00	1.25	12.25	\$710.12	\$0.00	\$0.00	Varies
Most Efficient HVAC Narrative Guide									
Develop the Most Efficient criteria	0.00	2.00	5.00	0.75	7.75	\$466.20	\$0.00	\$0.00	36
Review the submitted narrative guides	0.00	0.00	3.50	0.50	4.00	\$214.88	\$0.00	\$0.00	36
Email a letter of recognition to the partner	0.00	0.00	0.00	0.50	0.50	\$11.66	\$0.00	\$0.00	36
Subtotal	0.00	2.00	8.50	1.75	12.25	\$692.74	\$0.00	\$0.00	Varies
TOTAL	0.00	14.50	62.50	23.50	139.10	\$7,416.13	\$0.00	\$0.55	Varies

6.e BOTTOM LINE BURDEN HOURS AND COSTS

(i) Respondent Tally

As shown in Table 1, EPA estimates the total annual hour and cost burden to respondents to be 40,391 hours and \$2,546,557. The burden to respondents over the three years of this ICR is estimated to be 121,173 hours and \$7,639,671.74.

Table 1: Total Estimated Annual Respondent Burden and Cost Summary

**TABLE 1
TOTAL ESTIMATED ANNUAL RESPONDENT BURDEN AND COST SUMMARY**

Information Collections	Total Hours Per Year	Total Labor Cost Per Year	Total Annual Capital Costs	Total Annual O&M Costs	Total Cost Per Year
Joining the ENERGY STAR Program and Related Activities	2,030	157,694	0	\$0.00	\$157,694.26
Certified Product Maintenance Activities	34,191	2,075,014	0	\$0.00	\$2,075,014.47
POY and Most Efficient Recognition	4,170	313,849	0	\$0.00	\$313,848.51
TOTAL	40,391	2,546,557	0	\$0.00	\$2,546,557.25

(ii) Agency Tally

As shown in Table 2, EPA estimates the total annual hour and cost burden to the Agency to be 11,241 hours and \$506,774. The bottom-line burden to the Agency over the three years of this ICR is estimated to be 33,723 hours and \$1,520,322.

Table 2: Total Estimated Annual Agency Burden and Cost Summary

TABLE 2
TOTAL ESTIMATED ANNUAL AGENCY BURDEN AND COST SUMMARY

Information Collections	Total Hours Per Year	Total Labor Cost Per Year	Total Annual Capital Costs	Total Annual O&M Costs	Total Cost Per Year
Joining the ENERGY STAR Program and Related Activities	585	23,231	0	\$0.00	\$23,231.05
Certified Product Maintenance Activities	9,498	415,732	0	\$0.00	\$415,732.22
POY and Most Efficient Recognition	1,158	67,783	0	\$28.05	\$67,810.83
TOTAL	11,241	506,746	0	\$28.05	\$506,774.10

6.f REASONS FOR CHANGE IN BURDEN

EPA estimates a total annual respondent burden in this ICR, 2078.08, of 40,391 hours. This is equivalent to the hours from the currently approved burden of 40,391 hours in ICR 2078.07.

Table 3 presents the total annual hours estimated in ICR 2078.07 and ICR 2078.08 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). 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).

As shown, there were no hour changes due to adjustments and no program changes.

Table 3: Comparison of Total Annual Respondent Hours Under ICR 2078.06 and ICR 2078.07

1. Information Collections	2. Annual Respondent Hour Burden in ICR 2078.06	3. Annual Respondent Hour Burden in ICR 2078.07	4. Difference in Hour Burden Between ICR 2078.06 and ICR2078.07			5. Description of Program Change and/or Adjustment
			Program Change	Adjustment	Total	
Joining the ENERGY STAR Program and Related Activities						
Partnership Application	1,506.90	1,506.90	0.00	0.00	0.00	No changes in respondent burden resulted from the analysis for ICR 2078.08. Consultations indicated burden estimates required no changes; additionally, because the analysis conducted for ICR 2078.07 was completed within the last year and a half, number of respondent estimates are still representative of the program's activities.
Application for AB, CB, and Lab Recognition and Scope Expansion	522.66	522.66	0.00	0.00	0.00	No changes in respondent burden resulted from the analysis for ICR 2078.08. Consultations indicated burden estimates required no changes; additionally, because the analysis conducted for ICR 2078.07 was completed within the last year and a half, number of respondent estimates are still representative of the program's activities.
Certified Product Maintenance Activities						
Third Party Certified Product Information	3,744.50	3,744.50	0.00	0.00	0.00	No changes in respondent burden resulted from the analysis for ICR 2078.08. Consultations indicated burden estimates required no changes; additionally, because the analysis conducted for ICR 2078.07 was completed within the last year and a half, number of respondent estimates are still representative of the program's activities.
Partner Response Forms	241.50	241.50	0.00	0.00	0.00	No changes in respondent burden resulted from the analysis for ICR 2078.08. Consultations indicated burden estimates required no changes; additionally, because the analysis conducted for ICR 2078.07 was completed within the last year and a half, number of respondent estimates are still representative of the program's activities.
Unit Shipment Data	30,205.23	30,205.23	0.00	0.00	0.00	No changes in respondent burden resulted from the analysis for ICR 2078.08. Consultations indicated burden estimates required no changes; additionally, because the analysis conducted for ICR 2078.07 was completed within the last year and a half, number of respondent estimates are still representative of the program's activities.
POY and Most Efficient Recognition						
Partner of the Year	3,720.96	3,720.96	0.00	0.00	0.00	No changes in respondent burden resulted from the analysis for ICR 2078.08. Consultations indicated burden estimates required no changes; additionally, because the analysis conducted for ICR 2078.07 was completed within the last year and a half, number of respondent estimates are still representative of the program's activities.
Most Efficient	449.11	449.11	0.00	0.00	0.00	No changes in respondent burden resulted from the analysis for ICR 2078.08. Consultations indicated burden estimates required no changes; additionally, because the analysis conducted for ICR 2078.07 was completed within the last year and a half, number of respondent estimates are still representative of the program's activities.
Total	40,390.86	40,390.86	0.00	0.00	0.00	

6.g BURDEN STATEMENT

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2060-0528). Responses to this collection of information are voluntary (Section 103(g) of the Clean Air Act). 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 public reporting and recordkeeping burden for this collection of information is estimated to [be xx hours] per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.