



Background

The ENERGY STAR Challenge is a national call-to-action to improve the energy efficiency of America's commercial and industrial buildings by 10 percent or more.

Industrial sites can take the Challenge by signing up to improve their energy efficiency by 10 percent in 5 years. Sites that achieve a 10 percent reduction in energy intensity within 5 years are recognized by the U.S. Environmental Protection Agency for their commitment to protecting the environment by fighting global climate change.

Determining Eligibility for Recognition

Sites eligible for ENERGY STAR Challenge for Industry recognition must meet the following criteria:

1. 50% or more of the site's energy use is linked to manufacturing.
2. The site's annual energy intensity baseline and year was registered with either the US EPA or an organization supporting the ENERGY STAR Challenge for Industry through a recognized initiative and/or program.
3. Energy intensity has been reduced by 10% within five years or less from registering the baseline intensity.
4. The site is owned or operated by company that is currently an ENERGY STAR partner.

Statement of Energy Improvement

Sites applying for ENERGY STAR Challenge for Industry recognition must submit a Statement of Energy Improvement that has been verified and stamped by a licensed Professional Engineer.

The Statement of Energy Improvement provides the official documentation that the site has met the ENERGY STAR Challenge for Industry.

A Statement of Energy Improvement (SEI) is provided by the US EPA as an electronic file. Applicants fill in the appropriate data and print the SEI which is then certified by a Professional Engineer.

How to Apply

1. *Establish a Data Record*

Sites participating in the ENERGY STAR Challenge for Industry are required to have procedures and plans in place for tracking and managing data used to calculate energy performance. Based on these procedures, a file that contains copies of the original documents that provides the necessary information for calculating energy intensity and demonstrating the 10% reduction must be established and kept on site.

The information contained in this file will be reviewed by the Professional Engineer who verifies its accuracy prior to stamping the Statement of Energy Intensity (SEI). Examples of this information include: records of fuel purchases, utility bills, internal records of production, and so on. The file must also contain a copy of the PE's license. See the **ENERGY STAR Challenge for Industry Professional Engineer Guide** for more information on what data is required for verification.

2. *Complete and Print the Statement of Energy Improvement (SEI)*

The SEI is provided as a Microsoft XL file and can be downloaded from the ENERGY STAR web site. Fill in all applicable data and information and print the SEI.

3. *Have a Professional Engineer Review and Validate the SEI*

The SEI must be validated by a Professional Engineer (PE). In providing his/her stamp upon the SEI, a PE verifies that the data used to determine the energy intensity reduction and entered into the SEI are accurate.

Instructions for the PE review are provided by EPA in the **ENERGY STAR Challenge for Industry Professional Engineer Guide** which can be downloaded from the ENERGY STAR web site.

4. *Complete the Application Letter and mail materials to EPA*

Once the PE has verified the data and stamped the SEI, fill out the Application Letter and print on company letterhead. The Application Letter should be signed by either the corporate energy manager or the site's primary contact for the ENERGY STAR Challenge. The following materials must be sent to the US EPA:

- I. Application Letter printed on company letterhead and signed; and
- II. SEI stamped by the Professional Engineer. Applicant should keep a copy on hand for their file.

EPA Application Review

Upon receipt of an application, EPA will review it and determine if the site is eligible for ENERGY STAR Challenge for Industry recognition. EPA follows this procedure:

1. Review application for completeness. Contact applicant if any information is missing.
2. Confirm that the site's owner or operator is an ENERGY STAR partner.
3. Verify that energy baseline intensity matches the baseline year and intensity that was registered when the site signed up for the Challenge.
4. Verify that the 10% reduction goal was met within 5 years by reviewing the data contained in the SEI.

Award of ENERGY STAR Challenge Recognition

EPA will issue for each site that receives recognition with a framed certificate of achievement and graphic files for producing a plant poster and banner. EPA also will send a congratulatory letter to the company's chief executive officer or president. Sites achieving the ENERGY STAR Challenge for Industry are recognized on the ENERGY STAR web site and are encouraged to submit a profile. Once the site has received the certificate of achievement, the site and company has the right to communicate publically that the site has achieved the ENERGY STAR Challenge for Industry.

EPA Review of Records

The integrity of the ENERGY STAR brand, its representation of energy efficiency at a national level, and the expectation of the U.S. public that EPA must uphold the impartiality of any environmental labeling effort it undertakes requires that the process for awarding the ENERGY STAR be public and transparent.

EPA reserves the right to request and review any records used to calculate energy performance for ENERGY STAR Challenge recognition. Therefore, the company must maintain a formal file for each site that has received ENERGY STAR Challenge for Industry recognition. All files records must be maintained for five years.

When to Apply

A plant is welcome to apply any time during the year, depending on their baseline year starting and ending dates. Because the ENERGY STAR Challenge for Industry is based on annual energy intensity, the data used to determine energy intensity reductions must be based on a full 12 months of data. Therefore the minimum time period required for applying for recognition is one year from the baseline year.

Where to Apply

Corporate energy managers should submit application materials by delivery or courier service to:

Rebecca Hindin
ENERGY STAR
U.S. EPA
1310 L Street, NW
(Room 913 L)
Washington, DC 20005

DO NOT SEND BY US POSTAL SERVICE. DO NOT SEND TO ANY OTHER ADDRESS.