



Site Name:

Date:

PE:

Review location: Corporate Office Site Visit Other

If other is checked, please describe how the PE confirmed that the plant met the eligibility requirements for certification and the authenticity and completion of the data used in the EPI.

Site Physical Characteristics and Eligibility

• The site has established a formal data file.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• Where?	
• The site meets the definition of an industrial site defined in the site requirements.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• The site's physical characteristics and any other site-specific information required on the Statement of Energy Improvement (e.g., site name, location, parent company information, and contact names) match that of the site applying for the ENERGY STAR Challenge for Industry recognition.	Yes <input type="checkbox"/> No <input type="checkbox"/>

Site Operating Characteristics

• The site's registered baseline and energy intensity metric were approved by U.S. EPA. (EPA prefers but does not require ENERGY STAR partners to register a baseline.)	Yes <input type="checkbox"/> No <input type="checkbox"/>
• The data used to track the energy performance of the site is from the site named on the Statement of Energy Improvement.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• All information supporting the non-energy operating characteristics used to calculate the site's energy intensity metric is documented.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• An Energy Tracking Plan or existing data management procedures were in place during the duration of the site's participation in the ENERGY STAR Challenge for Industry.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• All data was tracked consistently throughout the duration of participating in the ENERGY STAR Challenge for Industry.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• For production-based energy metrics, the production units used for calculating the energy intensity metric are consistent with the numbers from the official company production records.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• For building-based energy metrics, the gross square footage of the site used for calculating the energy intensity metric are consistent with company records.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• For complex energy metrics, the approach was applied consistently during the tracking period and the data used matches the origin of the original normalized/multivariate data used to develop the metrics.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• The production, gross square footage and/or normalized data used to calculate the energy intensity match the data found in the site's energy tracking system	Yes <input type="checkbox"/> No <input type="checkbox"/>
• All data used reflects the whole facility and not a single process or individual part of the site.	Yes <input type="checkbox"/> No <input type="checkbox"/>

Site Energy Data

• All energy consumption for each energy source used to operate the facility and manufacturing processes (including purchased and generated) was accounted for and reported in the Statement of Energy Improvement.	Yes <input type="checkbox"/> No <input type="checkbox"/>
• All information supporting the energy consumption used to calculate the site's energy intensity metric is documented	Yes <input type="checkbox"/> No <input type="checkbox"/>
• All information supporting the energy consumption used to calculate the site's energy intensity metric is treated consistently across the baseline and tracking periods, especially for energy sources that may be invoiced at irregular (non-monthly) intervals.	Yes <input type="checkbox"/> No <input type="checkbox"/>



LEARN MORE AT
energystar.gov

Challenge for Industry Professional Engineer Verification Checklist

<ul style="list-style-type: none"> All information supporting the energy consumption used to calculate the site's energy intensity metric is treated consistently across the baseline and tracking periods, especially for energy sources that may be invoiced at irregular (non-monthly) intervals. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> If site exports electricity or steam, these exports have been subtracted from the site's total energy use. 	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>
<ul style="list-style-type: none"> All forms of energy purchased and used on site were properly converted to BTUs, summed and reported on the Statement of Energy Improvement as site energy. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> All energy was properly converted from "site" to "source" energy, summed and reported on the Statement of Energy Improvement as source energy. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> All data used reflects the whole facility and not a single process or individual part of the site. 	Yes <input type="checkbox"/> No <input type="checkbox"/>

Site Energy Intensity Improvement

<ul style="list-style-type: none"> The baseline data entered into the Statement of Energy Improvement matches the baseline approved by U.S. EPA when the site registered to participate in the ENERGY STAR Challenge for Industry. <ul style="list-style-type: none"> If no, an explanation for the difference must be noted in this checklist (below), accompanied by any necessary supporting documentation. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> The site reduced its energy intensity by at least 10 percent within 5 years of the conclusion of the baseline period, and all data was accurately recorded in the Statement of Energy Improvement. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> The period during which the energy intensity reduction was achieved ends no earlier than 12 months, nor later than 60 months, from the conclusion of the baseline period. The 10 percent energy intensity reduction is calculated against the baseline period for the final 12 months of the tracking period. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> The tracking period begins immediately following the end of the baseline period and continues through the end of the period for which the 10 percent reduction is achieved. 	Yes <input type="checkbox"/> No <input type="checkbox"/>

PE Verification

<ul style="list-style-type: none"> The PE review of the plant has been documented (e.g., site visit vs. corporate office, date, personnel met with, findings/corrections/recommendations from the review). 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> The PE completed the Verification Checklist for submission to EPA, and added the original document to the formal certification file. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
<ul style="list-style-type: none"> The PE signed, stamped – indicating if embossed, and provided the required license information on the Statement of Energy Performance for submission to EPA, and added the original document to the formal certification file. 	Yes <input type="checkbox"/> No <input type="checkbox"/>

Site Annual Carbon Dioxide Emissions Avoided (Optional)

<ul style="list-style-type: none"> If site has reported the avoided carbon dioxide equivalent (CO₂e), the emission estimates that are linked with the energy intensity reduction were calculated correctly using proper emission factors. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
---	--

Completion of Formal Site File

<ul style="list-style-type: none"> All documentation/calculations supporting all the statements above are located in the formal site file. 	Yes <input type="checkbox"/> No <input type="checkbox"/>
---	--

PE Verification



LEARN MORE AT
energystar.gov

Challenge for Industry Professional Engineer Verification Checklist

<ul style="list-style-type: none"> The PE completed the PE Verification Checklist for submission to U.S. EPA, and added the original document to the formal site file. 	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<ul style="list-style-type: none"> The PE validated the Statement of Energy Improvement (includes: signing, stamping – indicating if embossed, and providing the required license information) for submission to U.S. EPA, and added the original document to the formal site file. 	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Please note any company personnel involved in review:

Please comment on any answers marked no and note any findings, corrections, or recommendations from the review:

PE Signature: _____

Updated March 16, 2017

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2060-0347). Responses to this collection of information are voluntary (Section 103(g) 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 average 25 minutes 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.