

Challenge for Industry Professional Engineer Verification Checklist

Site Name:							
Dat	e:						
PE:							
Rev	riew location: Corporate Office □ Site Visit□ Other □						
	If other is checked, please describe how the PE conducted the verification.						
0:4-	Discription Observatoristics and Elimibility						
Site	Physical Characteristics and Eligibility The site has established a formal data file.	TVaa	No□				
•	Where?	Yes□	No□				
	The site meets the definition of an industrial site defined in the site requirements.	Yes□	No□				
•	The site's physical characteristics and any other site-specific information required on the	Yes□	No□				
	Statement of Energy Improvement (e.g., site name, location, parent company information,	163	INOL				
	and contact names) match that of the site applying for the ENERGY STAR Challenge for						
	Industry recognition.						
Sito	Operating Characteristics						
•	Operating Characteristics The site's registered baseline was approved by U.S. EPA.(EPA prefers but does not	Yes□	No□				
•	require ENERGY STAR partners to register a baseline.)	163L NOL					
•	The data used to track the energy performance of the site is from the site named on the	Yes□	No□				
	Statement of Energy Improvement.						
•	All information supporting the non-energy operating characteristics used to calculate the	Yes□	No□				
_	site's energy intensity metric is documented.		N. D				
•	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□	No□				
•	All data was tracked consistently throughout the duration of participating in the ENERGY	Yes□	No□				
	STAR Challenge for Industry.						
•	For production-based energy metrics, the production units used for calculating the energy	Yes□					
	intensity metric are consistent with the numbers from the official company production		No□ NA□				
	records.						
•	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□	No□ NA□				
•	For complex energy metrics and energy use models, the approach was applied	1					
	consistently during the tracking period and the data used matches the origin of the	Yes□	$No\square$ $NA\square$				
	original normalized/multivariate data used to develop the metrics.						
•	The production, gross square footage and/or normalized data used to calculate the energy	Yes□	No□				
-	intensity or energy use match the data found in the site's energy tracking system		N- 🗆				
•	All data used reflects the whole facility and not a single process or individual part of the site.	Yes□	No□				
Site	Energy Data						
•	All energy consumption for each energy source used to operate the facility and	Yes□	No□				
	manufacturing processes (including purchased and generated) was accounted for and						
	reported in the Statement of Energy Improvement.						
•	All information supporting the energy consumption used to calculate the site's energy	Yes□	No□				
_	intensity metric is documented All information supporting the operary consumption used to calculate the site's operary	<u></u>					
•	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	Yes□	No□				
	for energy sources that may be invoiced at irregular (non-monthly) intervals.	1030	.,5				



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•	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□	No□			
•	If site exports electricity or steam, these exports have been subtracted from the site's total energy use.	Yes□	No□ NA□			
•	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□	No□			
•	All energy was properly converted from "site" to "source" energy, summed and reported on the Statement of Energy Improvement as source energy.	Yes□	No□			
•	All data used reflects the whole facility and not a single process or individual part of the site.	Yes□	No□			
Ene	rgy Performance Improvement					
	••		=			
•	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.	Yes□	No□			
	 If no, an explanation for the difference must be noted in this checklist (below), accompanied by any necessary supporting documentation. 	Yes□	No□			
•	The site reduced energy intensity or energy use (energy use models only) 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□	No□			
•	The period during which the energy intensity or use 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□	No□			
•	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□	No□			
•	The annual period used in the energy use model and to calculate actual energy use are the same and the same 12-month period is used consistently during the tracking period.	Yes□	No□ NA□			
•	The description of the site's energy use model provided on the Statement of Energy Improvement is consistent with the model used during the tracking period.	Yes□	No□ NA□			
PE \	PE Verification					
•	The PE review of the site has been documented (e.g., site visit vs. corporate office, date, personnel met with, findings/corrections/recommendations from the review).	Yes□	No□			
•	The PE completed the Verification Checklist for submission to EPA, and added the original document to the formal certification file.	Yes□	No□			
•	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□	No□			
Completion of Formal Site File						
•	All documentation/calculations supporting all the statements above are located in the formal site file.	Yes□	No□			



Please note any company personnel involved in review:

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the original document to the formal site file.		
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□ N	ο□

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