

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
AIR AND RADIATION

September 22, 2017

Dear ENERGY STAR® Uninterruptible Power Supply Partner or Other Interested Stakeholder,

The U.S. Environmental Protection Agency (EPA) welcomes your input on the attached Draft 2, ENERGY STAR Version 2.0 Uninterruptible Power Supply (UPS) specification and revised draft test method. Stakeholders are encouraged to submit comments on these proposals to EPA no later than October 20, 2017.

The Draft 2 specification was developed based on comments received on the Draft 1 specification as well as subsequent discussions and research. The following key changes were made in this draft:

UPS Energy Efficiency Criteria

EPA worked with multiple stakeholders to increase the robustness of its estimate of ENERGY STAR UPS market penetration and in consideration of this additional information, has revised the Draft 1 efficiency levels. Recognizing that the EPA dataset does not represent the performance of numerous products on the market today, the Agency evaluated multiple scenarios when assessing the proposed levels that considered a range of efficiency performance for today's products and the impact of measurement uncertainty. EPA also factored in the Department of Energy (DOE) minimum efficiency final rule. Considering each of these variables, EPA is proposing levels that would recognize roughly the top quartile of the market.

Test Method

EPA has made edits to the ENERGY STAR test method to clarify testing accuracy, humidity, and updated references to Alliance for Telecommunications Industry Solutions (ATIS) standards. These changes do not apply to those products within the scope of the DOE test procedure.

Other

In addition, EPA made changes to the definitions and scope sections relating to Voltage Independent (VI) and Hybrid UPSs, respectively.

Comment Submittal

EPA welcomes stakeholder input on the attached Draft 2, Version 2.0 specification and the Draft 2 test method. Stakeholders are encouraged to submit any comments to ups@energystar.gov by October 20, 2017. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

Stakeholder Webinar

EPA will host a webinar to answer any questions on this discussion guide on October 4, 2017 **from 12-2 pm Eastern Time**. Please register [here](#) if you plan on attending.

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Specifications and meeting materials will be distributed via email and posted on the ENERGY STAR website. To track EPA's progress on this specification, please visit the product development website at www.energystar.gov/RevisedSpecs and navigate to "Uninterruptible Power Supplies."

Please contact me at Fogle.Ryan@epa.gov or 202-343-9153 or Matt Malinowski, ICF, at Matt.Malinowski@icf.com or (202) 862-2693 with questions or concerns. For any other UPS related questions, please contact ups@energystar.gov. Thank you for your continued support of the ENERGY STAR program.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ryan Fogle".

Ryan Fogle
EPA Manager, ENERGY STAR for IT and Data Center Products

Enclosures:

Draft 2, Version 2.0 ENERGY STAR Uninterruptible Power Supplies Specification

Draft 2 ENERGY STAR Uninterruptible Power Supplies Test Method

Draft 1, Version 2.0 ENERGY STAR Uninterruptible Power Supplies Comment-response Document