

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



OFFICE OF  
AIR AND RADIATION

April 12, 2023

Dear ENERGY STAR® Computer Server Partner or Other Interested Stakeholder,

The U.S. Environmental Protection Agency (EPA) is pleased to share the final [Version 4.0 ENERGY STAR Computer Server Specification](#). EPA would like to thank the many stakeholders who have invested time and effort to contribute feedback and data that has informed this product specification process. These Version 4.0 requirements will take effect on **January 12, 2024**. This letter provides highlights of the new requirements and outlines the transition process.

The Version 4.0 specification will recognize the top performing computer server products on the market. ENERGY STAR certified computer servers with power management enabled will use, on average, approximately 38% less energy than standard computer. If all computer servers sold in the United States were ENERGY STAR certified, the cost savings would grow to over \$4 billion each year and more than 74 billion pounds of greenhouse gas emissions would be prevented, equivalent to the emissions of nearly 8 million vehicles.

EPA received limited comments in response to the final draft specification focused on improving clarity, which EPA has addressed fully in the final document. Specifically, EPA made very modest clarifications to the definitions for Storage Heavy Servers, Auxiliary Processing Accelerator (APA) and High and Low End Performance Configurations. New definitions for Field Programmable Gate Array and Data Processing Units were included to support the changes to the APA definition. In addition, the footnote related to power supplies was amended to clarify that the power supply values used for servers should be at 230V/60Hz rather than 115V/60Hz. Finally, there were small changes made to the scope, to exclude products that would never be sold without an APA.

#### **Version 4.0 Transition Timeline and Next Steps**

EPA shares partners' desire for a smooth transition from one ENERGY STAR specification to the next so that consumer expectations are met and ENERGY STAR labeled products fully meet the new requirements upon their effective date. With this in mind, EPA has established the following timeline:

- Effective immediately, manufacturers may elect to have their Certification Body (CB) certify eligible products to the Version 4.0 requirements.
  - CBs must upload required SERT files specified in Section 4.1.2.v of the specification to EPA in a location to be determined which will be shared with CBs upon the release of the final QPX form.
- After August 30, 2023, CBs will be instructed to stop certifying new product submittals to Version 3.0. Note, however, that existing certifications to V3.0 will remain valid for the purposes of ENERGY STAR certification until January 12, 2024.
- Any computer server manufactured as of January 12, 2024, must meet the Version 4.0 requirements to bear the ENERGY STAR mark. All certifications of products to the Version 3.0 specification will be invalid for purposes of ENERGY STAR and CBs will only submit product models certified to Version 4.0 to EPA.

On behalf of EPA, I would like to thank all stakeholders who provided feedback during this specification revision process and I look forward to working with you as you certify and market your ENERGY STAR certified computer servers. Please contact me at [Fogle.Ryan@epa.gov](mailto:Fogle.Ryan@epa.gov) or 202-343-9153 or John Clinger

at [John.Clinger@icf.com](mailto:John.Clinger@icf.com) or 215-967-9407 with questions or concerns. For any other computer server related questions, please contact [servers@energystar.gov](mailto:servers@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:

[ENERGY STAR Version 4.0 Final Specification](#)

[ENERGY STAR Version 4.0 Data and Analysis Package](#)