

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



OFFICE OF
AIR AND RADIATION

December 7, 2012

Dear ENERGY STAR® Telephony Partner or Other Interested Stakeholder:

With this letter, the U.S. Environmental Protection Agency (EPA) is launching the data assembly efforts to support the development of the Draft 1 Version 3.0 ENERGY STAR specification for Telephony, based on the attached Draft 2 ENERGY STAR Test Method. EPA will host a stakeholder webinar to discuss the Test Method and questions regarding the data assembly on **Tuesday, December 18, 2012, from 2 to 4 pm Eastern Time** and invites stakeholders to submit written comments by **December 28, 2012**. Although the Test Method is still under development, major changes are not expected.

The latest changes to the Test Method were informed by feedback on the previous draft and participation in the webinar held on June 19, 2012, which informed the latest changes to the Test Method.

Brief Summary of Modifications to the Test Method:

- Excluded Telephones capable of transmitting full-motion video from the scope of the Version 3.0 specification.
- Revised and reviewed Section 3 B) Operational Modes to harmonize terms with IEC 62542, Standardization of Environmental Aspects, where possible and avoid confusion with existing industry terms.
- Updated the Power over Ethernet (PoE) definition to reference the recently finalized standard *IEEE 802.3-2012* and include only methods covered under its scope (e.g., "4-pair" (Mode A + B) powering schemes are prohibited).
- Updated the PoE input voltage requirements to allow for the use of both Type 1 and Type 2 Power Sourcing Equipment (PSE) as well as lower voltages during detection and classification.
- Clarified the definition of Unit Under Test (UUT) in situations where a Cordless Telephone is packaged with Additional Handset, by specifying their operation and placement during testing.
- Modified the Partial On Mode power measurement to ensure batteries are fully charged and to account for charging cycles.

Telephony Data Assembly – Submit to EPA by February 28, 2013

EPA will develop proposed ENERGY STAR levels based on data developed using this Draft 2 Test Method and submitted via the Test Reporting Template. Products may be tested by in-house laboratories and do not require third-party verification. Please submit all data to EPA via e-mail to telephony@energystar.gov by **February 28, 2013**.

Timeline and Next Steps

EPA will host a stakeholder webinar on **Tuesday, December 18, 2012, from 2 to 4 pm Eastern Time** to discuss revisions to the test method and address any data assembly questions. To RSVP, please e-mail telephony@energystar.gov. As always, the exchange of ideas and information among EPA, industry, and

other interested parties is critical to the success of ENERGY STAR. Stakeholders are strongly encouraged to e-mail feedback on the Draft 2 Version 1.0 Test Method to telephony@energystar.gov by **December 28, 2012**.

Next Step	Date
Draft 2 Test Method Webinar	December 18, 2012
Draft 2 Test Method Comment Period Ends	December 28, 2012
Data Assembly Period Ends	February 28, 2013
Draft 1 Version 3.0 Specification Published	Spring 2013

To view all materials related to the test method and specification development, visit www.energystar.gov/RevisedSpecs. Please direct any specific questions to me at Karaffa.Paul@epa.gov or (202) 343-9401 or Matt Malinowski, ICF International, at Matt.Malinowski@icfi.com or (202) 862-1693. Questions regarding the Draft 2 Test Method may be directed to Bryan Berringer, DOE, at bryan.berringer@ee.doe.gov or (202) 586-0371.

Thank you for your continued support of ENERGY STAR.

Sincerely,



Paul Karaffa, U.S. EPA
Product Manager
ENERGY STAR for Telephony