



Notes on Data Released For the ENERGY STAR® Draft 2 Computer Specification

Please note that the power levels in Draft 2 are draft levels based on manufacturer supplied data collected to date. EPA is releasing these datasets in order to make the decisions made for the Draft 2 specification as transparent as possible to stakeholders. EPA looks forward to stakeholder comments on the specification and datasets, and also looks forward to the forthcoming discussions to further refine and finalize these levels. Please note that manufacturer names and model numbers have been removed to protect the anonymity of data submitted by industry members.

Desktop Idle Data:

Please find attached the Idle dataset for desktops as described in the *Rationale for Data Analysis of Idle Power Levels for the Draft 2 ENERGY STAR (Version 4.0) Computer Specification* and used to establish power levels included in the Draft 2 Computer Specification distributed on April 13, 2006.

As noted in the Rationale document, the attached dataset reflects EPA's efforts to refine the data by removing systems for which EPA had little or no configuration information and that run on processors that are soon likely to be phased out. Thus, this dataset represents a subset of the complete dataset and our best attempt, using the data we have received from manufacturers and collected ourselves, to reflect the current and future products which will be covered by this specification.

In further reviewing this dataset for release, EPA discovered that there was an error in how systems were classified as high capability computers. In the Draft 2 analysis, EPA attempted to identify the computers which best represent future systems that would likely meet the definition for Category A computers. In doing so, some systems were labeled as high performance which do not meet the letter of the Draft 2 specification. **Thus, EPA would like further data on models which have high capability characteristics. EPA remains committed to further review, and revise, as necessary, the definitions of Category A and B computers and the corresponding Idle levels.**

Notebook Idle Data:

EPA received mostly notebook Idle data for systems with an active display. In the Draft 2 specification EPA clarified that notebooks are to be tested and qualified with the display off to accommodate stakeholder comments. To reconcile this difference and to include as much data as possible in the analysis, EPA has analyzed the data with the displays on and then subtracted the average power draw of displays to set the final level. The average power draw of the display was determined by taking the difference of Idle power consumption of models for which EPA had both display on and display off data.

Stakeholders are asked to relay all feedback on this data as well as the Draft 2 Computer Specification to Katharine Kaplan Osdoba, EPA, at osdoba.katharine@epa.gov or Arthur Howard, ICF International, at ahoward@icfi.com.