

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



OFFICE OF
AIR AND RADIATION

November 3, 2009

Dear Data Center Storage Manufacturer or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the attached preliminary data collection procedure that is intended to inform further development of the Version 1.0 ENERGY STAR[®] Data Center Storage specification. The procedure is based in part on information contributed by a variety of stakeholders at an October 15, 2009 workshop held in Phoenix, AZ. Presentations and meeting materials are posted at www.energystar.gov/NewSpecs under the "Data Center Storage" heading.

Once industry feedback has been received and integrated into the data collection procedure, EPA will invite interested parties to perform a series of tests and performance modeling exercises on data center storage products available in the market today. The objective of this first round of data collection is to understand the relationship between hardware and software configuration and system energy performance in both Active and Idle states. EPA would like to collect a substantial amount of test data and modeled test results in order to perform a sensitivity analysis on the effect of single-variable configuration changes on power consumption. Items such as hardware selection (e.g. capacity vs. performance drives), RAS features (e.g. single vs. redundant controllers, RAID level), and energy-saving software implementations are all of interest. Data submissions will be collated, anonymized, and made available to the stakeholder community for analysis in preparation for the first draft Version 1.0 ENERGY STAR Data Center Storage specification.

Stakeholders are encouraged to review the preliminary data collection procedure and proposed schedule and send comments to storage@energystar.gov **no later than Friday, December 4, 2009.**

Thank you for your continued support of the ENERGY STAR program. If you have any questions regarding these documents, please feel free to contact me at fanara.andrew@epa.gov or (206) 553-6377, or Stephen Pantano, ICF International, at spantano@icfi.com or (202) 862-1551.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Fanara".

Andrew Fanara
U.S. Environmental Protection Agency, Climate Protection Partnerships Division
ENERGY STAR Program Manager