

## **Agreements, Action Items and Timeline from the ENERGY STAR® Computer Stakeholder Working Session 5/18/06**

### **AGREEMENTS**

#### ***Timeline***

- Stakeholders agreed to the attached timeline for the remainder of the specification development process. (see below)

#### ***Low Power Modes***

- Stakeholders agreed to the definitions for low power modes and low power adders; levels will be set based on data submitted by industry in August.

#### ***Test Procedures***

- Regarding specifying network link speeds for the active network during tests, stakeholders agreed that the test procedure will now specify that the network switch must be capable of the highest *and lowest* link rates of the computer's network interface.

#### ***Workstations***

- Stakeholders agreed, in general, to pursue the Typical Energy Consumption (TEC) approach for workstations to address all operating modes (Off, Sleep and Idle). This approach would be coupled with a method for scaling the level by performance.

#### ***Desktop-Derived Servers***

- Stakeholders agreed that Sleep and Off mode limits were not applicable for Desktop-Derived Servers.

#### ***Tier 2***

- Participants shared progress and planned next steps from the ECMA Energy Efficiency benchmarking meetings held in Washington, DC. EPA agreed to participate in this effort with the expectation that it could support Tier 2 of the computer specification.

### **ACTION ITEMS**

#### ***Desktop Differentiation***

- Industry recognized that EPA's proposed Desktop Differentiation approach (see Discussion Guide for ENERGY STAR Computer Stakeholder Working Session 5/18/06) was a positive step forward, though they relayed some remaining concerns.
- Industry committed to provide counter proposal(s) for desktop differentiation to EPA by Friday, May 26<sup>th</sup>.
- EPA will host a stakeholder conference call to walk through the counter proposal(s). The conference call is currently planned for 11am – 1pm EST on Tuesday, May 30<sup>th</sup>. The domestic call in number is 866-299-3188; the international call in number is 706-758-1822; and the access code for all callers is 202-343-9120#.

- EPA fully expects to reach closure on this topic closely following the discussion of counter proposals with stakeholders on May 30<sup>th</sup>.

### ***Workstations***

- Industry proposed a “hybrid” workstation definition which uses parts of both the Draft 2 definition and the industry counterproposal submitted with the Draft 2 comments. The proposed definition is as follows:

*To be categorized and qualified as a workstation, computers must meet the following requirements:*

- *Have ECC or Buffered/Registered DIMMs*
  - *Be Marketed as a Workstation*
  - *Have  $\geq 2$  Hard Drive Bays*
  - *Have  $\geq 4$  Memory Slots*
  - *Have  $\geq 3$  PCI / PCI\_V / PCI\_E Expansion Slots*
  - *Have a Power Supply Rated at  $\geq 400$  Watts*
- EPA and the EC will review the industry proposed workstation definition to ensure that it meets the goal of clearly and strictly defining workstation class systems. EPA and the EC will complete this evaluation by June 5<sup>th</sup> and will share all feedback with stakeholders.
  - Industry will provide additional information and data to help inform EPA’s decision on a scaling factor for workstation levels and to help determine usage patterns for the TEC approach. EPA will distribute a request for data by May 26th and industry will share data by June 7<sup>th</sup>\*.
  - EPA will circulate a description of the Typical Electricity Consumption approach, agreed to in concept for workstations at the stakeholder meeting, early the week of May 29th.

*\*Note: The EPA team is working through the proposal for a scalable classifier for workstations provided by industry at the May 18<sup>th</sup> meeting. As such, EPA expects to distribute the data collection sheet for workstations later this week.*

### ***Desktop Derived Servers***

- Industry will collaborate regarding requirements for Desktop-Derived Servers and report back to EPA.

### ***Data Collection***

- EPA will distribute an electronic version of the new datasheet annotated with instructions and updated based on feedback from the meeting. *Note: EPA will wait until the definition and approach for workstations is finalized before including workstation specific information in this datasheet.*
- If possible, Industry will provide an indication of how much data they will commit to submitting in August. If needed, this could be an aggregated total coming from ITI.

## **TIMELINE**

- Early June 2006 - EPA Releases Draft 3 with a focus on completing all the definitions and structural aspects of the specification (i.e., everything but the levels)
- Late June 2006 - Stakeholder Comments Due on Draft 3
- Early August 2006- Industry Shares Data on Current Models with EPA
- Mid August 2006- EPA Shares Proposed Levels with the Final Data Set
- Late August 2006- Stakeholder Comments Due on Proposed Levels
- Early Sept 2006- EPA Releases Final Draft with Levels
- Late Sept 2006 – Final Stakeholder Comments Due
- Late Sept 2006 - EPA Releases Final Specification
- July 1, 2007 - Spec Is Effective, Pending EC Approval