

# EPA Technical Workshop on Energy Efficient Servers and Datacenters in the U.S.

February 16, 2007  
Santa Clara Convention Center  
Rooms 209/210

## Final Agenda

Purpose: To work with industry stakeholders in developing a work plan for EPA's study of energy efficiency opportunities in servers and datacenters and to identify ways that industry and other stakeholders can collaborate and assist with this study.

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| <b>8:15 – 8:30 am</b>   | <b>Registration and Breakfast</b>   |
| <b>8:30 am</b>          | <b>Welcome and Introduction – Andrew Fanara, U.S. EPA.</b> <ul style="list-style-type: none"><li>- Introduction and workshop goals</li><li>- EPA's interest in servers and datacenters</li><li>- Overview of HR 5646 and introduction of EPA Study Team</li><li>- ENERGY STAR roadmap for servers and datacenters</li></ul> |
| <b>9:00 am</b>          | <b>Current State of Knowledge: Server and Datacenter Energy Use – Jonathan Koomey, Ph.D., Stanford University</b>   |
| <b>9:30 am</b>          | <b>Overview of EPA Study – Eric Masanet, Ph.D., Lawrence Berkeley National Laboratory</b> <ul style="list-style-type: none"><li>- Summary of work plan and interpretation of study requirements</li><li>- Vision for final report</li><li>- Purpose and goals of working group sessions</li></ul>                           |
| <b>10:00 am</b>         | <b>Q&amp;A</b>  |
| <b>10:15 am</b>         | <b>Break</b>  |
| <b>10:30 am</b>         | <b>Attendees Break into Working Group Sessions</b><br><br><b>Group Topics:</b> (1) IT Equipment; (2) Power and Cooling Infrastructure; (3) Integrated Design, Operation, and Management Issues; (4) Incentives and Voluntary Programs   |
| <b>10:30 – 12:00 pm</b> | <b>Morning Session</b> – Each group will be presented with a task summary and work plan for discussion. Attendees begin outlining information gaps.   |
| <b>12:00 pm</b>         | <b>Working Lunch</b> – Attendees pick up lunch in the main discussion room and return to working groups to continue focused discussions.  |
| <b>12:15 – 1:45 pm</b>  | <b>Afternoon Session</b> – Each group will define process and available resources to address information gaps in the study, to be reported back to the larger group.  |
| <b>1:45 pm</b>          | <b>Break</b>  |
| <b>2:00 pm</b>          | <b>Summary of Working Group Sessions – Task Leads</b>   |
| <b>3:00 pm</b>          | <b>Discussion of Results &amp; Information Sharing Between Groups</b>   |
| <b>3:30 pm</b>          | <b>Wrap-Up: Next Steps and Action Items – Andrew Fanara, U.S. EPA</b>   |
| <b>4:00 pm</b>          | <b>Adjourn*</b>   |

\* EPA and LBNL will be available following the workshop to speak with workshop attendees.