

Policy and Program Options for Efficient Power Supplies

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Overview

- What programs are in place to promote more efficient power supplies?
- How can these efforts be expanded and/or improved?
- What role can MT play?



Current Initiatives to Promote Power Supply Efficiency

- Energy Star: office equipment and home electronics programs
- Procurement: federal, state, and private efforts
- Efficiency standards: state and federal level



Energy Star Specifications

- Office Equipment: Specs establish sleep mode default times and maximum power levels
- Home Electronics: Specs set maximum levels for standby power
- Focus on standby: Can specs be expanded to capture active mode energy savings? Several opportunities will come up this year



Procurement

- Market leaders create buyer-led MT
 - Federal: E.O. 13123 (1999) for Energy Star; E.O. 13221 (2001) for low standby power
 - FEMP recommendations & product database
 - State and private sector efforts further savings
- Consumer support for products necessary to maintain broad range of products



Federal and State Standards

- Federal: House (H.R. 4) and Senate (S. 1766) include language on test procedures and standards for products with standby power use
- States: ASAP model legislation includes standards for set-top boxes in states considering action
- Emphasis on external power supplies (S.1766) may yield greater active mode savings



What Role Can MT Play?

- Incentives targeting OEM and/or assembly
- Initiatives targeting large-scale buyers: hotels, schools, health-care facilities
- Build consumer support for Energy Star labeled products through retailer and consumer education on energy and non-energy benefits

