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MONITOR POWER MANAGEMENT CAN SAVE STATES \$10 - \$50 PER COMPUTER EACH YEAR¹

What is Monitor Power Management?

Monitor power management places inactive computer monitors into a low-power sleep mode. The monitor awakens in seconds upon touching the mouse or keyboard. Almost all monitors come with features for managing power use, yet on average, these features are enabled only 60 percent of the time. Enabling monitors, and encouraging others in your state to do the same, saves energy and money, helps protect the environment, and can contribute to improved electric reliability during periods of peak demand.

Benefits of Monitor Power Management

- **Save Money Quickly and Easily.** With an investment of only a few hours, monitor power management can save an organization \$10 to \$50 per computer annually. To assist your efforts, EPA provides *free* software and technical support.
- **Generate Positive Publicity.** Participate in the Million Monitor Drive (MMD) —the annual ENERGY STAR campaign to activate power management on 1 million monitors nationwide. Illinois, Connecticut, and Delaware (see case study) have activated monitor power management within state offices. Also, some of most well-known organizations in the world have contributed to the MMD —General Electric, Nike, Harvard University, AOL, and Wal-Mart. Visit www.energystar.gov/powermanagement to hear a story about the MMD that aired on National Public Radio in June 2004.

Activating Monitor Power Management is Easy

- **STEP 1:** Find out how much you can save with EPA's easy on-line calculator: <http://www.energystar.gov/powermanagement>
- **STEP 2:** Choose your best option to activate monitor power management. Contact EPA for *free* technical support.

Delaware Department of Natural Resources Asks: "Sleeping on the Job?"

In spring 2004, the Delaware Department of Natural Resources sent an e-mail to all of its employees, informing them that while they are not "sleeping on the job," their computers soon would be. Spurred by the Delaware Energy Office, the Department activated the sleep features on about 750 computer monitors and challenged employees to enable the energy saving features on their home computers as well. The project has joint energy and environmental benefits as well as financial savings from reduced energy bills — not to be overlooked in a time of shrinking state budgets and rising energy costs.

The effort has been well received. "A lot of people are glad to hear we are doing this and want to do it at home, too," says Jenefer Russum of the Energy Office. "We are also looking to expand this effort to all state agencies and provide information and a link to the ENERGY STAR power management software on our new Web site (www.delaware-energy.com)."

Resources Required: 2 hours of project manager's time; several hours of IT staff person's time.

Results: Expected energy savings are 167,000 kWh or more than \$14,000 a year. This is equivalent to preventing 240,000 pounds of CO₂ emissions a year or planting 22 acres of trees.

- **STEP 3:** Inform employees. EPA can provide you with *free* educational materials to help you communicate the benefits of monitor power management to your employees.
- **STEP 4:** Activate monitor power management. EPA provides *free* technical support for worry-free implementation.
- **STEP 5:** Take credit for your good efforts. EPA recognizes you publicly for participating in its MMD campaign and offers *free* PR materials.

Promote Monitor Power Management to Others

States are promoting monitor power management to schools and municipal governments:

- **Texas State Energy Conservation Office** sponsors a program, called “Watt Watchers,” which has addressed monitor power management on 100,000 computers in school districts using ENERGY STAR tools (see case study).
- **New York State Energy and Research Development Authority (NYSERDA) Government Energy Efficiency Program** uses ENERGY STAR tools to activate monitor power management at county and local government offices in New York State.
- **The Alabama Department of Economic and Community Affairs** promotes the ENERGY STAR MMD to county commissions and municipalities. Nineteen municipalities and four county commissions have joined the MMD.

To Learn More

Contact Steve Ryan, U.S. EPA, at 202-343-9123, ryan.steven@epa.gov or go to www.energystar.gov/powermanagement

Watt Watchers of Texas Helps Schools Save \$1 Million a Year

Sixteen Texas school districts are reaping the benefits of enabling power management on 100,000 computer monitors thanks to the efforts of Watt Watchers of Texas, a non-profit program dedicated to reducing school energy use.

In addition to working alongside energy managers at these school districts, Watt Watchers of Texas initiated a student-led campaign with the Texas Energy Education Development (TEED) Project. Through this campaign, the free ENERGY STAR software was distributed to schools across Texas, helping them reduce energy usage by using power management features on their individual classrooms’ monitors. The Watt Watchers staff delivered workshops to student councils throughout the school year to emphasize the importance and ease of implementing power management.

In all, over \$1 million in energy costs will be saved when the monitors switch into sleep mode. These dollars will go toward projects and activities that enhance the students’ scholastic experience.

Results: Expected energy savings are 15 million kWh or more than \$1 million a year. This is equivalent to preventing about 20 million pounds of CO₂ emissions a year or the emissions of 1,800 cars.