




### Activating *power management* features on individual computers

You can save energy, save money, and help the environment by activating power management features on your computer. Benefits include:

1. **Cutting the electricity used by your PCs roughly in half**, saving \$25–75 per PC annually. Estimate your savings using our [online calculator](#) 
2. **Enhancing data security** by reducing the chance that valuable personal information is displayed on an unattended PC
3. **Saving time** by eliminating the daily wait for computers to boot up
4. **Helping the environment.** Saving energy reduces air pollution associated with the burning of fossil fuels, and ultimately lowers the risk of global warming.

**Computers with power management features activated will still receive software updates** such as new antivirus definitions and Windows security patches. For individuals and organizations without centralized IT departments, computer software is generally pre-configured to automatically download and apply updates shortly after resuming from system standby or hibernate.

**Activating power management features is easy with EZ Wizard.** [EZ Wizard](#) is a simple software tool that automatically activates power management features for you. EZ Wizard will help you decide the right power management settings — even if you're not sure.


Alternatively, you can activate power management features yourself. Simply select your computer's operating system below for **detailed and illustrated manual instructions**:

- [Microsoft Windows 2000](#)
- [Microsoft Windows XP](#)
- [Microsoft Windows Vista](#)
- [Microsoft Windows 7](#)
- [Mac](#)

*PC users who currently leave their computers powered 24/7 for remote access (using software such as GoToMyPC.com) should [read this important note](#).*


*Microsoft Windows Vista users can find more information about Vista Power Management on the [Microsoft Environment Website](#) [EXIT ↗](#) and by reading the TechNet article: [Sleep or Hibernate?](#) [EXIT ↗](#)*

**Purchasing ENERGY STAR qualified computers and monitors** can save even more energy and money. New ENERGY STAR efficiency specifications mean that qualified [desktops](#) will save roughly \$15\* in electricity annually, and LCD [displays](#) will consume on third less power than an average CRT. ENERGY STAR [notebooks](#) save energy,

too. Estimate your savings using our online savings calculator 

\*Comparing a non-ENERGY STAR computer and an ENERGY STAR qualified computer both without sleep settings activated and turned off at night at a frequency of 36% of the time. (Turn off percentage based upon data in May 2004 Lawrence Berkeley National Labs study entitled "After Hours Power Status of Office Equipment and Energy Use of Miscellaneous Plug Load Equipment.")


### Quick Links:

- [Low Carbon IT Campaign — Home](#)
- [Power Manage Computers](#)
  - [Implementation Resources](#)
  - [FAQs](#)
  - [Power management savings calculator](#) 

- [Success Stories](#)
- [Campaign Participants](#)
- [Online Training](#)
- [Power Management for Utility Funded Energy Efficiency Programs](#)

- [Save with ENERGY STAR IT Equipment](#)
- [Reuse, Recycle, and Dispose of IT Equipment](#)
- [More IT Energy Saving Tips](#)

#### **Data Centers**

- [12 strategies to save energy in the data center](#)
- [ENERGY STAR Data Center Energy Efficiency Initiatives](#)
- [2007 Report to Congress on Server and Data Center Energy Efficiency Opportunities](#)  (2.5MB)
- [DOE Data Center Analysis Tools and Case Studies](#)
- [Data Center Energy Practitioner training program](#)
- [Benchmark your data center](#)