

REDUCING  
UNNECESSARY  
ENERGY  
CONSUMPTION



MSD

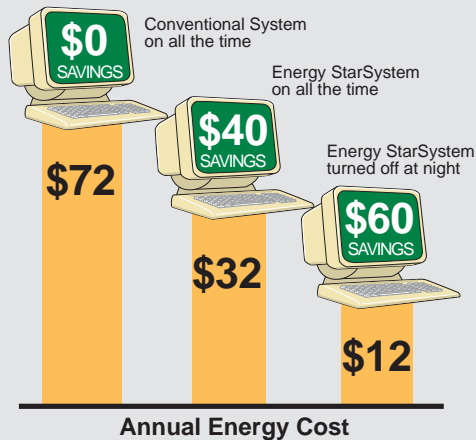
## Energy Star Computers



### Pollution Prevention

By 2000 Energy Star equipment is projected to:

- Save enough electricity to power Vermont, New Hampshire and Maine
- Cut electric bills by \$2 billion
- Cut CO<sub>2</sub> emissions by the equivalent of 5 million autos.



Computers are the fastest growing electricity load in the business world. Today computers take 5% of commercial consumption but by 2000 are projected to take 10%.

Energy Star Computers and monitors are designed to go into "sleep" mode after a selected period of user inactivity.

- Sleep mode can be "light," as in the monitor only, or "deep" including other components such as the hard drive.
- System wakes when activity is detected through the keyboard, mouse, modem or network.
- EPA awards the Energy Star logo to computer and monitor systems that consume 30 watts or less in sleep mode – 80% less than the 150 watt load of an "awake" system.

MSD, by corporate policy, has purchased Energy Star Computers and office equipment including printers, fax machines and copiers since 1994.

### Anticipated Savings

For a single Energy Star computer and monitor:  
**720 kWh and \$36 annually**

Annual power plant emissions eliminated:  
**800 kg CO<sub>2</sub> 4.0 kg SO<sub>2</sub> 2.6 kg NO<sub>x</sub>**

