

Austin Computer Labs

Computers require regular maintenance to keep them running smoothly such as:

- Disk defragmentation
- Anti-virus and anti-spyware scans
- Disk checks
- Support to resolve issues
- Software and hardware updates
- Backups
- And others

In order to perform these tasks with the least amount of disruption to employee productivity, it is recommended that this maintenance be performed after business hours.

Clients are often hesitant to allow this because of electricity cost concerns. To address this I studied a report from the Energy Analysis Department, Environmental Energy Technologies Division, Ernest Orlando Lawrence Berkeley National Laboratory University of California

Entitled “Energy Use and Power Levels in New Monitors and Personal Computers”.

As a general practice **we set up our clients computers** to go into what is called a light sleep mode when not in use. After these configuration changes are made the cost of leaving the system in a state that allows us to keep them up to date and running smoothly is roughly the following:

At 11.63 cents per kWh during the 270.83 hours a month that a system will be in light sleep costs the following:

A laptop costs \$0.28 per month

A desktop costs \$1.54 per month

These costs can also be lowered by having the regular maintenance scheduled for a certain week or weekend and unforeseen issues can be resolved by leaving the problem machine on when work is needed.

This is one of the many ways that our experience works for our clients and the environment.

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