



# Technology Insights

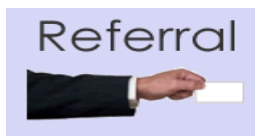
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## In the News

**It's back to school time!** Around this time of year I always look forward to one last vacation over Labor Day before the shorter and colder days of fall are upon us. Usually the excitement of swimming, boating, and other sun-filled activities is all I can think about. But this year the thought of having to pay \$3.75 a gallon to get to those summer activities is popping up as well. I found the following chart on [www.nationmaster.com](http://www.nationmaster.com) depicting the current world oil consumption As other countries become more industrialized it seems only fair to say that energy prices and (of course) those summer vacations will probably not be getting any cheaper in the future.

#1 – United States	20,730,000 bbl/day
#2 – China	6,534,000 bbl/day
#3 – Japan	5,578,000 bbl/day
#4 – Germany	2,650,000 bbl/day
#5 – Russia	2,500,000 bbl/day

## Technology Tips

Like most of you I spend a lot of my day in front of a computer and while contemplating the high energy prices above I got to thinking about how small businesses could save on their energy bills. After a little research I've learned the average desktop computer if left on all day costs between \$116 and \$160 a year. Below are some energy saving Tips that you can apply today!

- ✓ **Monitors:** An LCD monitor uses approximately 57% less electricity than a comparable CRT (old standard monitor). **Swap out those old monitors!**
- ✓ **Screensavers:** These do not save energy. They were developed in order to lengthen the life of monochrome monitors, but technological developments have made them obsolete. **Disable the screensavers - then click on Start > Control Panel > Power Options and set your Monitor to turn off and your PC to go into Sleep/Standby mode when not in use.**
- ✓ **Powering Off:** Studies at Berkely show that turning on/off your computer is NOT bad for your hardware, in fact, your hardware may actually last longer due to reduced heat stress and mechanical wear. **Use your power strip when you're done for the day which not only will turn off your PC but also your monitor and any peripherals.**
- ✓ **Your next purchase:** Skip upgrading or replacing the PC at home. Laptops use 67% less energy than your standard PC. **Go ahead and buy that laptop you've had your eye on.**
- ✓ **Server & Networking:** With Virtualization software it's possible to consolidate several File Servers onto a a single piece of hardware. Outsourcing email, websites, and applications onto a shared Hosted Server will reduce your energy bill along with your technology workload. **Give us a call us today to learn more.**

To make a donation towards the flood of 2008 please visit the following website: <http://www.gcrf.org/>. One-hundred percent of financial donations to the fund will support response, recovery and rebuilding efforts throughout the Cedar Rapids-metro and surrounding communities.