

## Save energy, save money

Please refer to some of the ways in the lesson for you to have more rich methods with the aim of how to reduce the amount of energy consumption as much as possible.

### *Zack Stern*

**Network administration** - You can save your office electricity from common feelings such as turning off lights, printers, and PCs when you return home. However, whether these measures are enough for you, please refer to some of the ways in the lesson for you to have more abundant measures with the aim of reducing the amount of energy consumption as much as possible.



### **Manage laptops and batteries of other devices**

Your laptop and portable devices are mostly using Lithium Ion batteries, which are the standard battery for mobile phones that can charge many times. However, the advice for previous battery models is not much different from the current battery technology.

Recharge the battery as often as possible. With Lithium Ion battery, there is no benefit in waiting for the battery to be discharged before charging again. You should also plug in laptops continuously during the work process.

Even so, use your device's battery periodically. If your laptop is on a power supply continuously, it is not good, sometimes unplug the charger and use battery power within a few hours every day or every two days. Lithium Ion batteries will work well and have a long lifespan if periodically discharged and charged.

Store the unused battery at room temperature. The first charge gives them about half the capacity. The battery may be ineffective when stored for an extended period of time, in addition, it is more dangerous to store uncharged batteries.

During storage, the battery's charge will be discharged gradually and if it returns to a completely empty state, you probably won't recharge it again. Therefore you need to pay special attention to music players and other gadgets.

You should also replace your battery every 2 years. And you also cannot improve the life expectancy of the battery, which is possible to reset the charging circuits only.

Sometimes under conditions of use, these chargers do not control the charging problem and give a false notification of battery capacity. Then try charging it fully and rinse it until the Laptop turns off and continue charging again. This method can open up the battery's charged capacity.

Follow these tips to extend the life of your battery as possible. Wait until you need a replacement before buying a new battery, because storing old batteries will not work well, even if you haven't used it before.



### **Create energy efficient alternatives**

If your business uses PCs or laptops that lack Energy Star certification, fall into this situation, replace them whenever possible. You will then see an immediate reduction in your electricity bill.

Alternatively, replace old technologies with more energy-efficient new technologies. If your employees can use - or even prefer - laptops more than PCs, buy the laptops they use. If you still have CRT display screens, replace them with LCD monitors to get more energy efficiency.

## Energy can be consumed in "off" mode

Your devices have several states that can be considered 'off', all of which use a different energy consumption level. When your PC goes into sleep mode, it uses less energy than the normal operating mode, but still consumes more power than the full shutdown mode. You can save energy by completely turning off your computer.

In addition, devices often use a small amount of energy when they think they are off. The battery chargers are the most obvious criminals, they will consume energy whenever they are plugged into the power source. However, most other hardware still consumes a few watts of power when in "off" mode. Therefore, turn off a completely way to avoid the dripping phenomenon of that energy.

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