IBM seeks to cut device power consumption by 90%-- thus reducing vampire energy, power used while equipment is turned off.



Development is underway on a transistor to regulate energy usage more tightly. This will prevent energy use while devices are left plugged into electrical outlets. Reducing power consumption in products with transistors (laptops, smartphones) will help reduce users' energy bills.

In a Bloomberg interview, IBM says CE and IT energy use will double by 2022 and triple by 2030.

Products with the new transisters will be out in 2015 "at the earliest", the company continues.

Reducing mobile device power needs may allow use of alternative power sources such as solar.

Go IBM Seeks to Abolish 'Vampire Energy'