**INITIAL IMPROVENT CALUCATIONS**

Greening our organization and IT department is gradual process and needs at least some intelligeance .We must know how much power our organization is consuming for comparing its resultsas we proceed .Sometimes we are not able to see the benefits of our efoorts,which may come after a longer time .we can compare electrical bills from when we started to save energy till we stop it and longer time .We can compare electrical bill from when we started to save energy till we stop it and we are able to see the result there,but we can also take advantage of other opportunities to track our progress

**Selecting Metrics**

We can lots of measures for going green as a lot of simple methods are available to use.

**Power usage effectiveness and datacenter efficiency**

There are two ways available to measure datacenter efficiency .Power usage effectiveness (pue)and datacenter efficiency(DCE)

**PUE is defined as**

PUE = Total facility is the power as it is measured at the meter for the datacenter

**Total facility**