Outline of server metrics meeting goals

Jonathan Koomey, Ph.D.
LBNL and Stanford University
http://www.koomey.com
27 March 06

Purpose of meeting

- Goal: initiate a process that yields objective measurements of server energy use that are attached to all of the widely accepted performance benchmarks.
 - Identify the performance benchmarks most widely used by server purchasers,
 - Define a protocol for measuring energy use while the performance benchmarks are being run.
 - Do not create new performance benchmarks or favor any one benchmark over another.

It's all about

- Expanding customer choice
 - Supply previously missing information so that buyers can demand efficiency and companies can compete to supply it
- Using existing performance metrics
 - Avoid the metrics wars
- Company neutrality
- Industry standards