



*Real value in a changing world*

# Energy Star for UPS comments on Metering for Office Buildings

Jones Lang LaSalle Engineering and Operations  
Critical Environment Management Practice

August 8, 2011



Mission

Real Time UPS  
Energy  
Metering for  
Office  
Buildings

# Enterprise Data Centers

- Not the main issue
- Typically invest in stand alone metering
- Understand the value of saving energy
- Typically have operating teams who monitor energy
- Usually through some sort of BMS

# Office Buildings

- Many are multi-tenant
- Some tenants have critical space and infrastructure
- More tenants are requiring 24 x 7 uptime due to global footprints
- Building owners increasingly understand the value of a good Energy Star score
- Building owners are mandating Energy Star rated products be installed during TI projects inclusive of IT projects
- Building operating teams will help guide tenants to products that do not require additional metering to acquire real time PUE values

# Office Buildings

- Typically single module design
- Typically have no non- IT loads on UPS such as HVAC
- Many are reaching end of life
- Giving end users the choice of an all-in-one solution makes buying a new, more efficient system more attractive

Thank You