

# Energy Reporting (ER)

“Ability of a device to report energy-related information about itself to the local network”

- Need: network connectivity, processor
  - Measurement circuitry optional
- Core purpose: Inform building management about how energy *actually* used

# ER and Policy

- Policy now based on test procedure results, anecdotes, very limited large-scale data gathering efforts
- Often miss usage / operating pattern info, configuration issues, degradation, failure, software upgrade effects, ...
- Need to plan **now** how to create ER opportunity, and to use it for policy purposes

# ER and Policy (2)

- Create ER technology, widely deploy it
- Create mechanisms to gather large quantities of ER data for policy purposes
  - Opt-in, anonymous, address privacy/security

## Result

- Better data – types and quantity
- Less expensive
- Facilitate better, faster policy creation, change