

The Accidental Energy Manager?

- Staff in small cities where many hats
- New climate action initiatives require small cities tackle energy issues



Recycling, Clean Water Compliance, Planning Staff are often asked to take on energy management issues

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Statewide Context - AB 1103

- Non-residential building owners to disclose the EPA Portfolio Manager benchmark at the time of lease of sale.
- Compliance begins Jan. 2012
- Utilities to enable benchmarking by providing automatic monthly uploads for all commercial accounts.
- Portfolio Manager is a free energy management software

Statewide Local Government Energy Efficiency Forum **Case Studies in Energy Benchmarking**

o CA Energy Efficiency Strategic Plan

- Local governments lead by example with their own facilities and energy usage practices.
- Examples of leadership
 - Establish benchmarks for all local govt buildings
 - o Make energy efficiency gains of 20-40% by
- Helps make benchmarking the norm
- Demonstrates worth of benchmarking

o Small Cities Climate Action Partnership

- 4 small cities combining resources
- Municipal Energy Management
- Climate Action Planning & Policy Development
- Residential and Commercial Rebates
- Peer Exchange & Continuity











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Municipal Energy Management Plans

- Create and Implement Energy Management Plans
 - Benchmark the buildings in Portfolio Manager
 - 2. Get a snap shot of energy use throughout operations
 - 3. Diagnose the poor performing facilities through audits and retrofit proposals
 - 4. Assess other clean energy & energy efficiency opportunities
 - Develop a multi-year implementation and financing plan

El Cerrito Climate Action Plan

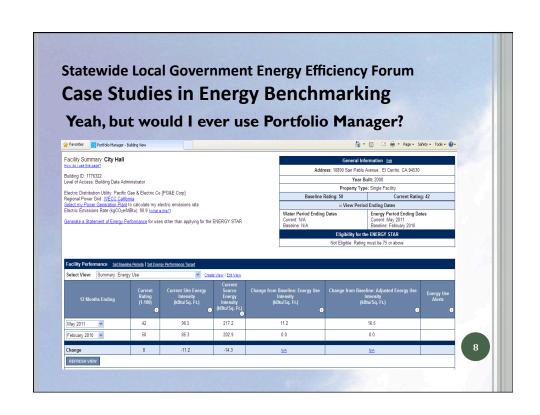
o Portfolio Manager Data Input

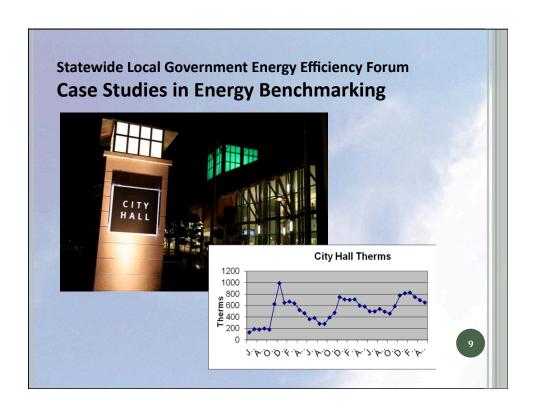
- Utility Account #s
- SAID #s,
- Meter #s
- Square feet of facility
- % breakdown of different building types
- % of building conditioned
- Portfolio Manager definition of building types

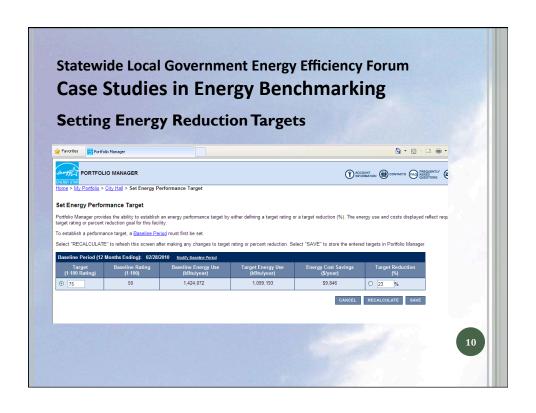
- Number of employees
- Number of servers or UPS per server room
- Number of computers



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o Pros of Portfolio Manager

- Free, unlimited utility data uploads
- Benchmarking based on constantly evolving database of buildings nationally
- Feeds into Energy Star Building Awards
- Monitors energy performance over time

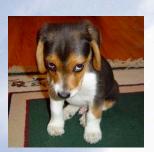


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o Cons of Portfolio Manager

- Not every building is rateable
- Fussy input, maybe not worth it for all energy accounts (street lights, etc)
- Not really good for managing/ budgeting energy costs



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