



Energy Services

Action Plan 2007



April 9, 2007



Today's discussion

- Yesterday, today and tomorrow
 - Informational only
 - A little bit of background
 - Plans for 2007
 - Planning beyond 2007



Energy Services - who we are

■ Staff

- Jim White, D. Eng.
Senior Engineer
Commercial and industrial expert, SNAP
- Susan Gillin
Customer Service Administrator
Marketing, customer outreach, Xeriscape
- Carla Truscott
Residential Energy Advisor
Weatherization analysis
- Mark Wiser
Energy Services Supervisor
Residential energy expert



Energy Services – what we do

- Energy efficiency improvements
 - Residential
 - *Low-interest weatherization loans*
 - *High bill concerns*
 - *Energy efficiency information*
 - Commercial and industrial
 - *Energy analysis and information*
 - *Onsite energy audits*
 - *Resource\$mart*
 - *Plan review of new construction and code compliance assistance*



Energy Services – what we do

- **Alternative energy**

- *SNAP*
- *State incentive program*



- **New technology**

- *All Climate Heat Pump*
- *Web Based Load Profile Metering Information*

- **Water conservation**

- *Xeriscape*
- *High bill concerns*
- *Residential irrigation system water conservation loans*



2007 Action Plan – existing services

- Resource\$mart

- *Commercial and industrial customer incentives*
 - *3-yr payback*
- *\$200,000 budgeted*
- *Since 2001, have invested \$2.3 million*
- *3.6 avg. MW saved*
- *\$775,000 increase in net revenue per year*
- *Enough to power 1,547 homes*



2007 Action Plan - existing services

- Commercial plan review
 - *Energy Services provided energy code inspections until 2000*
 - *Energy Services hired consultant in 2006 to provide code review services*
 - *Commercial pilot expanded in 2007 to include limited residential support*



2007 Action Plan - existing services

- Commercial plan review



Allied Health Building



Wal Mart, Chelan



Wenatchee Events Center



2007 Action Plan - existing services

- Why do commercial plan review?

- *District cost in 2006*
 - \$10,506
- *Helps keep rates low for all customers*
 - \$21,321 per year
- *Saves building owners money*
 - \$11,500 per year
- *Local load growth*
- *Regional power needs*



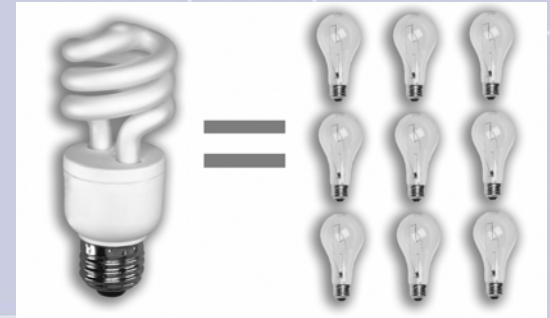
2007 Action Plan - existing services

- Maintain current programs

- *Energy-efficiency education*

- *Residential weatherization loans*

- *SNAP (Sustainable Natural Alternative Power)*



2007 Action Plan – new services

- Expanded water conservation
 - Develop conservation plan, conservation goals and define cost-effective programs per new state law
 - *Conservation rates*
 - *AMR/Water monitors*
 - *Xeriscape*
 - *Water Ways newsletter*
 - *Print, radio, Web outreach*
 - *Conservation loans*
 - *Public presentations*
 - Full presentation in June



2007 Action Plan – new services

- Integrate into Utility Services
 - *Coordinate with Energy Resources*
- I-937 - Energy Independence Act
 - *Begin planning in 2007 for implementation of conservation and renewable portfolio targets*
- Integrated Resource Plan (IRP)
- Governor's climate change initiative
- Team effort
 - *External Affairs, Energy Resources, Energy Services*



Beyond 2007 – potential services

- All Climate Heat Pump promotions
- Performance testing of HVAC systems
- Energy Star home program
- Web-based load profiling for industrial and commercial customers
- Building operator training
- Support of Plug-in Hybrid Vehicles
- Simplified solar installations
- Real time metering of solar production at schools



Questions – Comments?

