



EWEB

Eugene Water & Electric Board

EEDM “Fly By”

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EWEB Energy Efficiency

“Where We’ve Been”

- One of the oldest and most robust “conservation” programs in the country (1978).
- “Conservation” investment and results consistently above regional average
- On-bill loan programs dating back to 1989
- Comprehensive program that reflects economic realities and homeowner and business owner needs: (i.e. neither “cream-skimming or “whole house”) Example: ductless heat pump is “bundled” with insulation. However, EWEB does not require everything at once. We focus on the cost of fruit...not just the cost of picking fruit.
- We work with partnerships ranging from local partnerships (e.g. City of Eugene, St. Vinnies) to regional partnerships (e.g. NEEA, Council, BPA)

EWEB Energy Efficiency

“Where We’re Going”

- Recently adopted IERP is 100% Energy Efficiency and Demand Response/Management (EEDM)
- More emphasis on DM/DR part than in past (e.g. water heater pilot, EV experiments and smart meter program research)
- EE and DM/DR are both critical. We make EE and renewables “work harder” with DM/DR.
- Future emphasis on new emerging partnership to meet IERP strategy.
 - Customer is critical. EE is fairly passive. DM/DR is active participation
 - Smart Grid/Smart Meters are part of solution, but EWEB is taking a very different approach (UO Research) “Managing Customer Behavior” is wrong-minded and paternalistic. Marketing view vs. Engineering view.
 - Utility model/ratemaking concepts being revisited
- Looking for new solutions age-old challenges such as the tenant-landlord challenge. (e.g. exploring new tariff concepts and accountability)

What Are the Essential Changes?

- Fundamentally different thinking when it comes to planning and operating the power system and how we price electricity and interact with customers. Moving from a power system in which generators respond to customer load to one where customer load also responds to generators
- Technology to support the changes (i.e. Smart meters and smart grid and much more energy efficiency (EE) and demand management/response (DM/DR))
- Consumer education and participation (not just “passive” EE anymore)
- Regulatory and policy support. Build on successes and institutions that already work and allow experimentation. Avoid “one-size-fits-all” solutions. Continue work on codes and standards
- Massive behavior changes (not with consumers so much as with utility management, boards, policy makers and regulators). “Utility Model” & ratemaking are greater barriers than lack of capital. Leverage the power of technology and information coupled with the concept of choice

Questions or Comments

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Rely on us.