



REDWOOD COAST Energy Authority

Rural Small Business

Energy Efficiency Program Outreach



Outline

- Setting & Challenges
- Program Design
- Implementation & Outcomes



Setting

Population: 135,000



Setting: Challenges

- Program scale & implementation capacity
- Small business capacity limitations:
 - time, money, information
- Skepticism & world view
- Limited access to providers & equipment



Program scale & local implementation capacity

- Regional Joint Powers Agency
 - 9 local governments
- 2003 CPUC pilot
- Economies of scale
- Builds local capacity for sustainability



Skepticism & world view

- Trust-building with repeated contacts
- Community engagement, word of mouth
- Independent and impartial advice
- Customized, face-to-face outreach
- Politically diverse leadership



Small business capacity limitations

- Face-to-face outreach
- Foot-in-the-door measures
- Turn-key program
- Implementation flexibility
- Payback period



Limited access to service providers & equipment

- Local small-contractor pool
- Local training
- Work with local distributors



Implementation



- 2003-2005:
information only
- 2006-2009:
lighting
- 2010-present:
expanding
comprehensiveness

Implementation



- Program current budget: \$1.35Million / year
 - \$980K time and materials, \$460K incentives
- Includes muni, business, residential, and strategic initiatives
- Non-residential budget
 - ~50-60% T&M, ~75% incentives

Implementation

- **20 Staff; Non-residential team:**
 - **2 Energy Specialists**
 - **2 Energy Technicians**
 - **1-2 Interns**
 - **~50% Program Assistant**
 - **% Management/Admin**
- **6-10 participating contractors**



Outcomes – 2010-12

519 Businesses Served



Outcomes – 2010-12

- **~\$1million/year in energy savings**
 - 9.4 million kWh (119% of target)
 - 2,433 kW (189% of target)
- 502 commercial direct installs
- 306 projects referred to contractors
- Economic development



Future steps

- Diversify offerings
- Move beyond the low-hanging fruit
- Continue local capacity building
- Replicate in residential market sector





REDWOOD COAST Energy Authority

Matthew Marshall
Executive Director
707-269-1700

mmarshall@redwoodenergy.org

www.RedwoodEnergy.org