



Colorado & New Mexico Electric Energy Efficiency 2009/10 Program Plans

2009 Southwest Energy Efficiency Project Workshop

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Overview

- ▶ **Colorado Electric 2009/10 Plan Summary**
 - ▶ Program Expansion in 2009
 - ▶ Current Programs
 - ▶ Experiences and Lessons Learned

- ▶ **New Mexico Electric 2009 Plan Summary**
 - ▶ Program Expansion for 2009
 - ▶ Current Programs
 - ▶ Experiences and Lessons Learned

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Colorado 2009/10 Plan

| <u>2009</u> | <u>Electric Budget</u> | <u>GWh Savings</u> |
|--------------|------------------------|--------------------|
| Residential | \$20,320,532 | 55 |
| Low income | \$1,516,075 | 5 |
| Business | \$21,520,457 | 116 |
| Indirect | \$5,356,221 | 0 |
| Total | \$48,713,284 | 176 |

| <u>2010</u> | <u>Electric Budget</u> | <u>GWh Savings</u> |
|--------------|------------------------|--------------------|
| Residential | \$21,628,527 | 72 |
| Low income | \$1,695,693 | 6 |
| Business | \$32,191,888 | 166 |
| Indirect | \$4,806,038 | 0 |
| Total | \$60,322,147 | 244 |

Colorado Electric Programs

| Residential (10) | Low Income (4) | Business (16) |
|---------------------------------|------------------------------|---------------------------|
| Central AC Quality Installation | Single-Family Weatherization | Compressed Air Efficiency |
| Evaporative Cooling Rebates | Multi-Family Weatherization | Cooling Efficiency |
| Refrigerator Recycling | Energy Savings Kits | Custom Efficiency |
| ENERGY STAR New Homes | Non-Profit Energy Efficiency | Data Center Efficiency |
| Home Performance w/ ENERGY STAR | | Energy Management Systems |
| School Education Kits | | Lighting Efficiency |
| Home Lighting & Recycling | | Motor & Drive Efficiency |
| Home Energy Audits | | New Construction |
| Consumer Behavioral Change | | Process Efficiency |
| ENERGY STAR Retailer Incentive | | Recommissioning |
| | | Segment Efficiency |
| | Business (con't.) | Small Business Lighting |
| | Energy Analysis | Standard Offer |
| | Consumer Behavioral Change | Self-Direct |

Experiences & Lessons Learned

- ▶ Lead time to build new channels
 - ▶ Trade allies and community channels (ARRA)
- ▶ High demand for tankless water heaters
- ▶ Lack of interest in refrigerator recycling
- ▶ CFL participation is moving slightly behind target; forecast to reach year-end goals
- ▶ Core business programs performing well and gaining momentum
- ▶ New construction programs are struggling
- ▶ Small Business Lighting expected to perform well

New Mexico 2009 Plan

| <u>2009</u> | <u>Budget</u> | <u>GWh Savings</u> |
|--------------|--------------------|--------------------|
| Residential | \$2,022,772 | 7.48 |
| Low income | \$296,145 | 1.54 |
| Business | \$2,034,548 | 13.24 |
| Indirect | \$647,302 | 0 |
| Total | \$5,000,802 | 22.26 |

New Mexico Electric Programs

| Residential (6) | Low-Income (4) | Business (6) |
|-----------------------------|-----------------------------|----------------------------|
| Home Lighting & Recycling | Low Income CFLs | Cooling Efficiency |
| Air-Source Heat Pumps | Evaporative Cooling | Custom Efficiency |
| School Education Kits | Refrigerator Replacement | Lighting Efficiency |
| Refrigerator Recycling | Multi-Family Weatherization | Motor & Drive Efficiency |
| Evaporative Cooling Rebates | | Small Business Lighting |
| Home Energy Services | | Large Customer/Self-Direct |

Experiences & Lessons Learned

- ▶ **Customer willingness to recycle refrigerators is low**
- ▶ **Evaporative Cooling rebates are performing above expectations for smaller units; local contractors currently do not stock larger cooling units**
- ▶ **Low Income Weatherization is behind goal due to the lack of qualified electrically-heated homes**
- ▶ **Interest in CFLs is fairly strong; expect program to reach nearly 100k bulbs**
- ▶ **Business customer adoption curve is longer than expected**

Questions

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