

PNM

Energy Efficiency Program

NOVEMBER 21, 2013

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Southwest Energy Efficiency
Project Regional Workshop
Boulder, CO



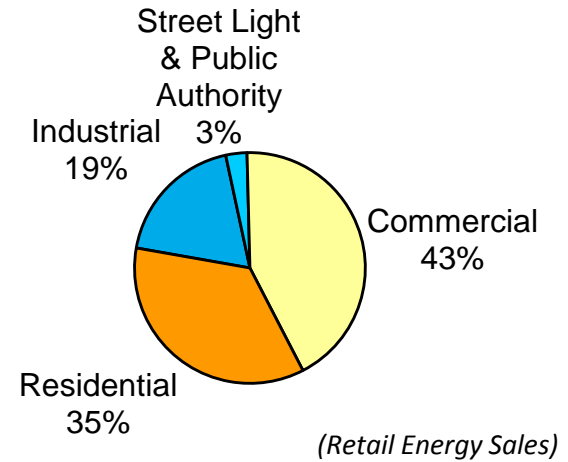
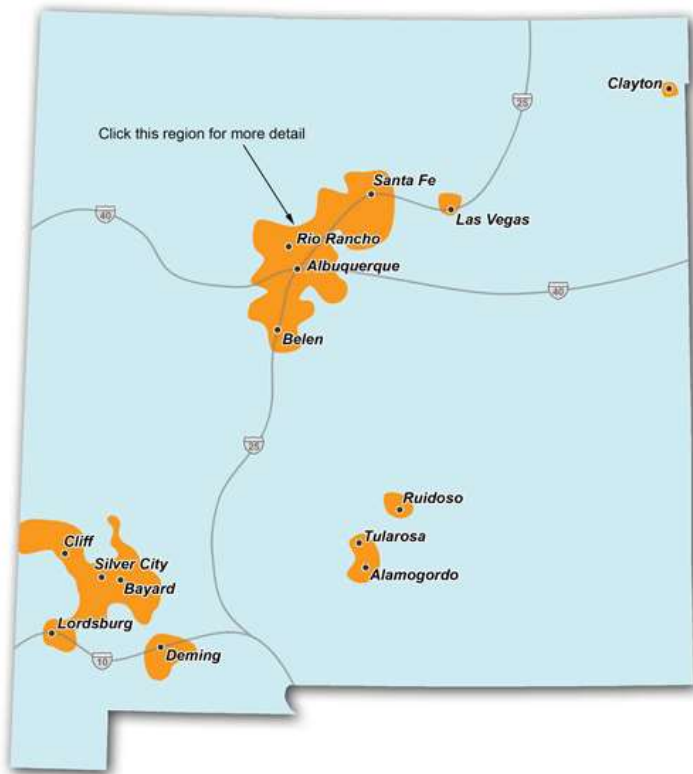
Talk to us.



TOPICS

- PNM At-A-Glance
- Performance Summary
- 2013 Overview
- 2014 Overview
- Regulatory Update
- Lighting Program Metrics
- Promotional Activities
- Challenges

PNM AT-A-GLANCE (2012)

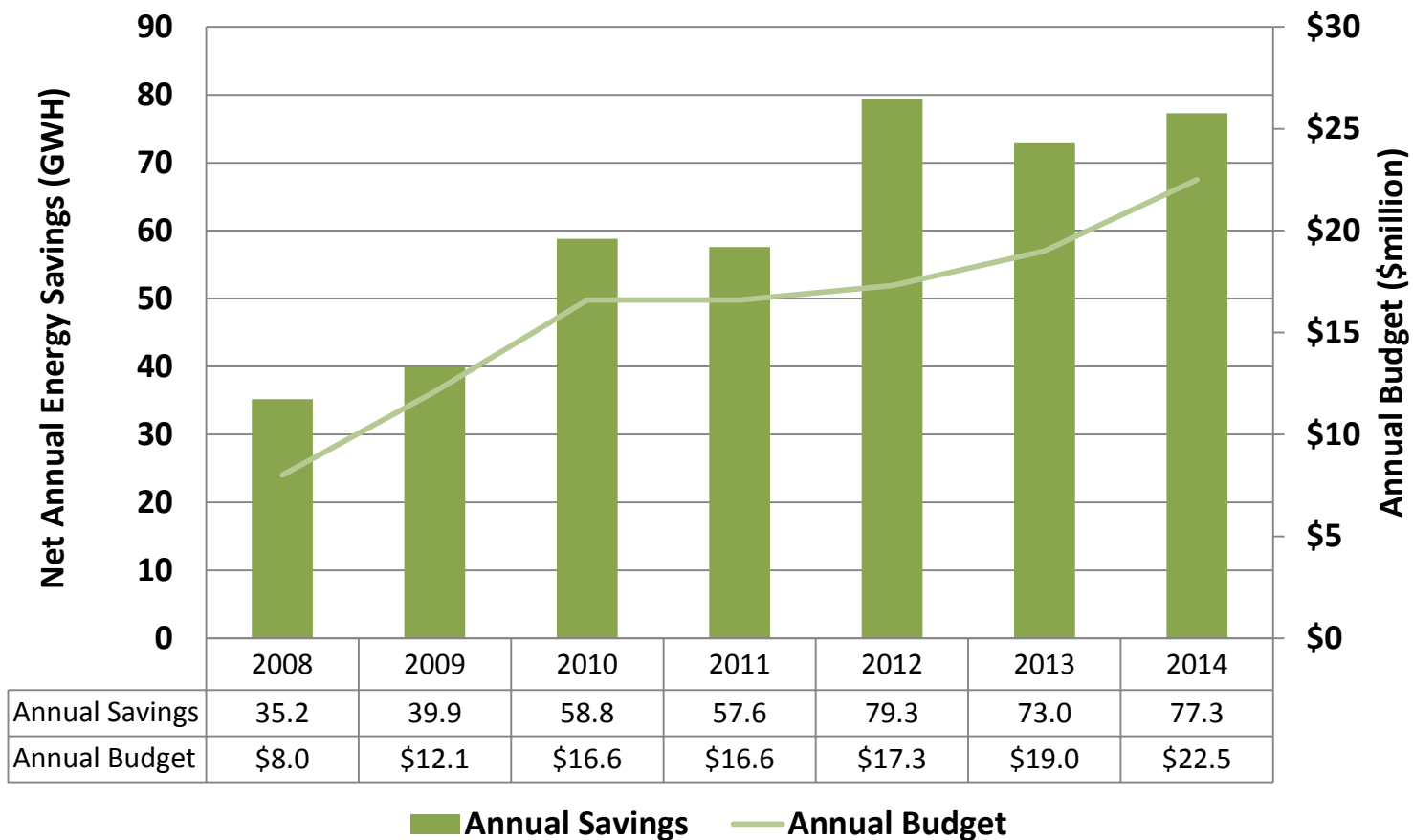


Customer #'s

505,649 Total

- 449,652 Residential
- 254 Industrial
- 973 Public Authority & Street Lighting
- 54,691 Commercial

PERFORMANCE & BUDGET HISTORY



	2008	2009	2010	2011	2012	2013	2014
Cumulative Annual Savings (GWH)	35	75	134	192	271	344	421

2013 OVERVIEW

2013 Programs	Projected Participants or Units	Projected Annual KWh Savings	Projected Annual KW Savings
Refrigerator Recycling	8,000	6,587,754	1,126
Residential Lighting *	1,000,000	24,822,389	3,034
Energy Star Homes	134	155,880	112
Community CFL	5,500	102,883	12
Commercial Comprehensive	280	25,507,578	5,312
Small Business (DI)	700	12,456,931	3,160
Easy Savings (LI Kit)	6,000	1,859,303	171
LI Refrigerator & CFL	177	385,367	44
PNM Power Saver (DR)	32,143	348,000	40,000
PNM Peak Saver (DR)	75	738,809	20,000
Total		72,964,893	72,971

* EISA adjusted. Includes savings from un-installed 2012 bulbs installed in 2013

2014 OVERVIEW

❑ New plan approved by NMPRC – Nov. 6, 2013

❑ Five new programs

2014 Programs	Budget	kWh Savings
Commercial EE		
Commercial Comprehensive	\$7,328,102	38,455,039
(Includes New Building Tune Up)		
Residential EE		
Refrigerator Recycling	\$1,313,021	7,372,239
Residential Lighting	\$1,740,233	15,426,900
Energy Star Homes (end in 2013)	\$145,730	114,496
Whole House Program (New)	\$1,052,430	1,298,099
Student Efficiency Kits (New)	\$315,069	581,496
Residential Stay Cool (New)	\$696,899	1,161,854
Home Energy Reports (New)	\$508,033	7,920,000
Low Income EE		
Low Income Refrigerator & CFL	\$131,142	258,367
Easy Savings Kit	\$325,653	1,572,495
Community CFL	\$10,584	74,626
LI Home Efficiency (New)	\$1,163,837	1,935,118
Load Management		
Power Saver Load Management	\$5,413,141	450,000
Peak Saver Load Management	\$2,019,994	675,000
Market Transformation	\$329,359	-
TOTAL	\$22,493,227	77,295,729

Efficient Use of Energy Act – Amended Spring 2013

- Replaced TRC with UCT (program admin. cost test)
- EE spending set at 3% of retail revenues
- Minimum of 5% of program costs to be low-income
- 2020 minimum energy savings – 8% of 2005 retail sales

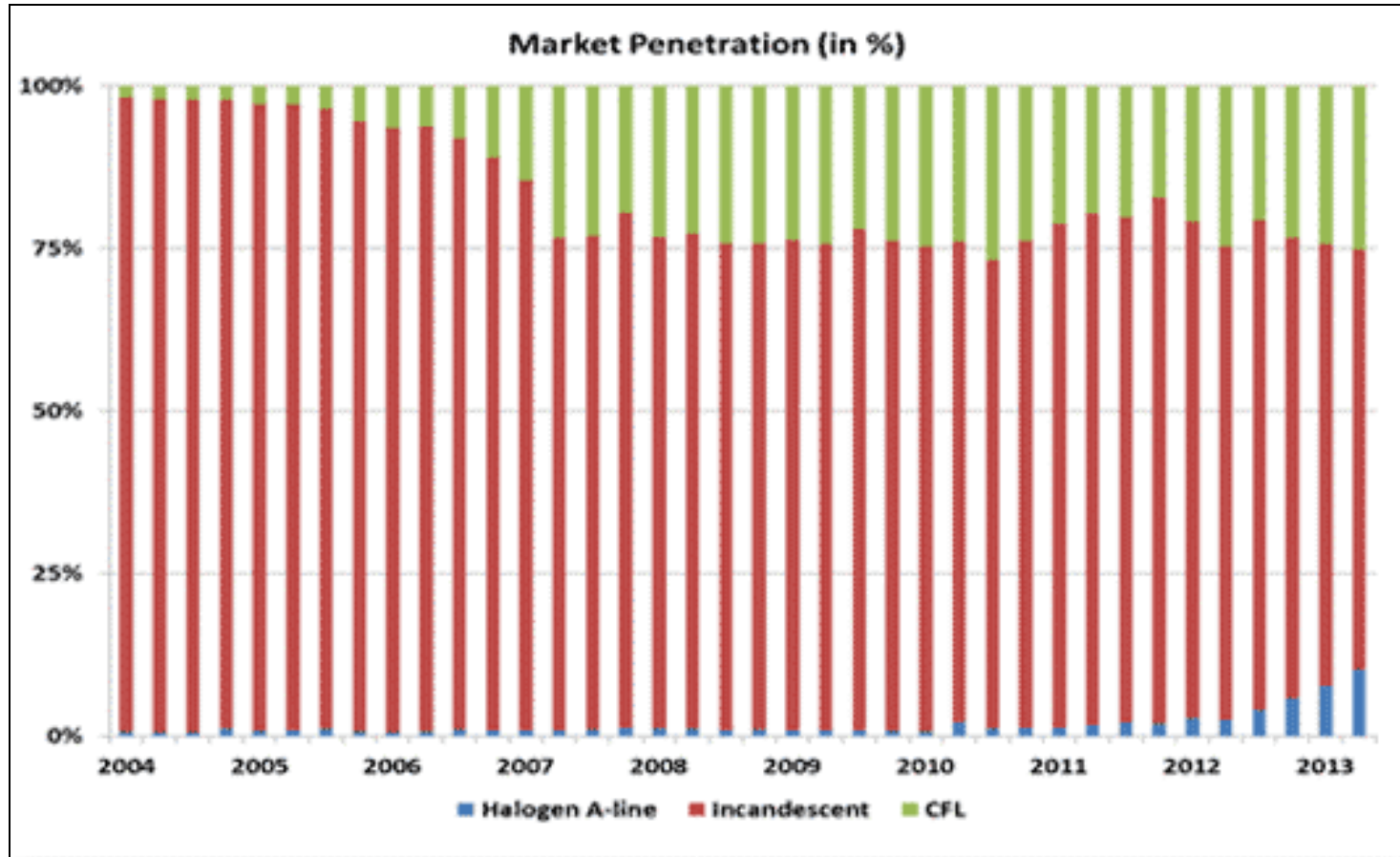
Public Regulation Commission EE Rule

- Old rule overturned by Supreme Court
- NOPR and draft rule issued October 2, 2013
- Decision expected by year-end

RESIDENTIAL LIGHTING METRICS

- Historically, largest residential program
- Projected to continue at high level in near term, but
- Annual M&V changes metrics every year
 - Hours of use
 - Installation rate
 - Free ridership
 - Baseline savings ←
- EISA impacts subject of much interest in last program filing
- 2012 M&V (ADM Associates) defined EISA impacts
- EISA-compliant Halogen is the new baseline
- LED increasing but still not on the “total shipments” chart

RESIDENTIAL LIGHTING METRICS



Source: NEMA (2013). "Incandescent Lamp Shipments Wane During Second Quarter." News Release. October 8, 2013.

RESIDENTIAL LIGHTING METRICS

Program Year	Baseline Savings Reduction	Program Average Savings per Bulb (Gross kWh/yr)	Program Average Savings per Bulb (Net kWh/yr)
2012	3%	28.1	20.6
2013	9%	25.6	18.7
2014	27%	20.5	15.0
2015	40%	16.9	12.4



PROMOTIONAL ACTIVITIES



Small business workshops

Use of case studies

Business organization events



PROMOTIONAL ACTIVITIES

Low income customer events



Senior citizen events

PROMOTIONAL ACTIVITIES



Earth Day events



PROMOTIONAL ACTIVITIES



Corporate contribution events



CHALLENGES

- Balancing risk with program implementation
- Lengthy program approval processes
- Lack of clarity on incentive and disincentive issues
- Expansion opportunities in programs
- New Mexico's continued economic slump

QUESTIONS?

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Thank you

