



# **Colorado & New Mexico Electric Energy Efficiency**

## **2013 Southwest Energy Efficiency Project Workshop**

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**November 2013**



- ▶ **3.4 million electricity customers**
- ▶ **1.9 million natural gas customers**
- ▶ **\$11.2 billion in revenues**
- ▶ **#1 wind power provider**



# Overview

- ▶ **Colorado Electric 2014 Plan Summary**
  - ▶ Portfolio Plan Settlement (Pending Approval)
  - ▶ DSM Spend and Goals
  - ▶ New in 2014
  - ▶ Experiences and Lessons Learned
  - ▶ Future DSM Concerns
  
- ▶ **New Mexico Electric 2014 Plan Summary**
  - ▶ Portfolio Plan & Trend
  - ▶ New in 2014
  - ▶ Experiences and Lessons Learned
  
- ▶ **Questions**

## **2014 DSM Plan Colorado (As Filed)**

- ▶ **Plan Filed: 7/1/2013**
- ▶ **Settlement Agreement Filed: 10/29/2013**
- ▶ **Hearing with one intervening party:  
12/20/2013**
- ▶ **Decision by 3/1/2014\***

*\*Anticipated date*

# Key Provisions of Settlement

- ▶ Electric DSM budget –reduce budget flexibility to 7.5%
- ▶ Home Lighting & Recycling –reduce NTG ratio from 0.75 to 0.70
- ▶ School Education Kits –contents to include 5 CFLs and 1 LED
- ▶ Lighting Efficiency & Small Business Lighting –Increase low watt T8 lamp rebates
- ▶ Heating System Rebates –add NATE Certification requirement
- ▶ Maximize gas DSM budget for participation in ENERGY STAR New Homes & Home Performance with ENERGY STAR; special updates on spending during Roundtables
  - ▶ Under consideration during 2014 calendar year: Launch Multi-Family Housing Pilot
  - ▶ Western Cooling Control Device added to HEAC
  - ▶ Smart Thermostat Study Group & Pilot

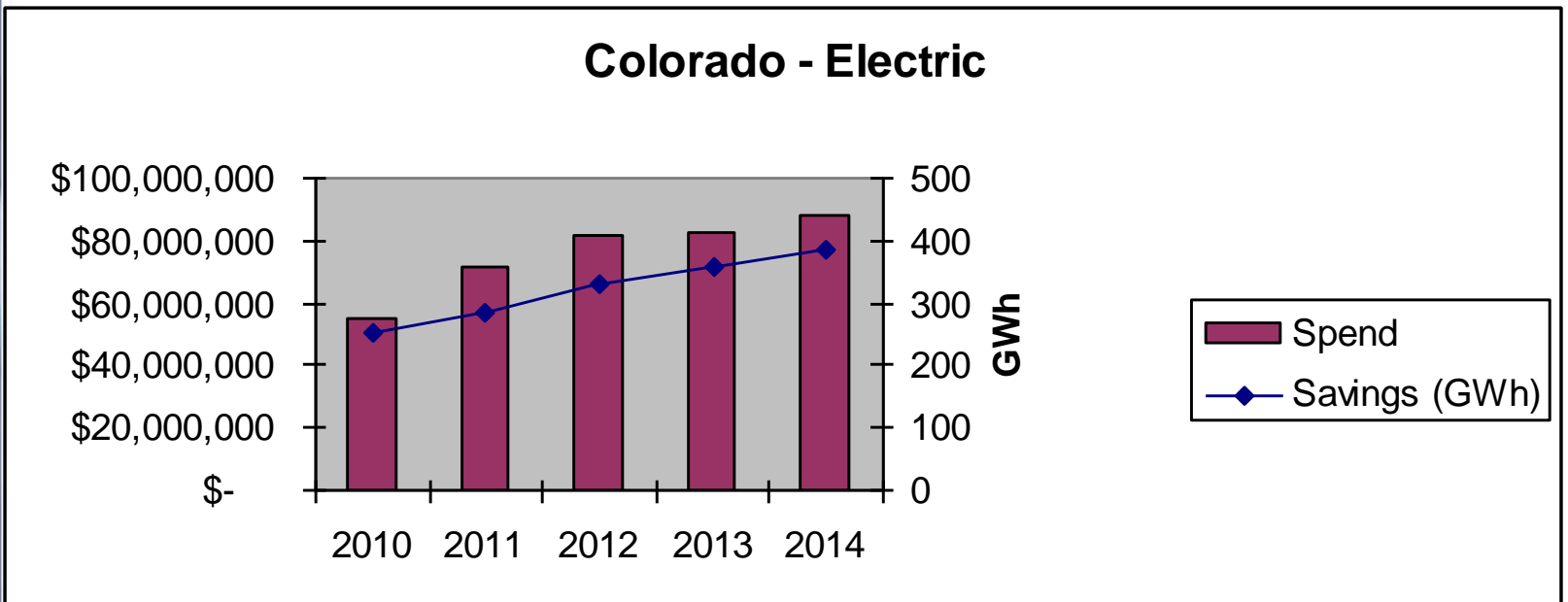
## Key Provisions of Settlement, Cont.

- ▶ Under consideration for 2015/16 Biennial DSM Plan: Evaluation of upstream vendor incentives and DOE RTU Challenge for Cooling Efficiency (Business) product.
- ▶ Evaluate Upper-Tier Windows
- ▶ Evaluate upstream vendor incentives for lighting distributors
- ▶ Update minimum AFUE for Residential Heating System to 95%
- ▶ Expansion of Portfolio Manager use for building performance benchmarking
- ▶ Local government stakeholder engagement in CEEP Pilot
- ▶ Evaluate inclusion of non-lighting measures and financing for Small Business Lighting product
- ▶ Evaluate GSHP as potential prescriptive program

# Colorado 2014 Plan (As Filed)

<u>2014</u>	<u>Electric Budget</u>	<u>GWh Savings</u>
Residential	\$31,189,213	99.5
Low income	\$2,941,590	8.1
Business	\$47,347,362	242.4
Indirect/Pilots	\$6,285,330	34.5
<b>Total</b>	<b>\$87,763,495</b>	<b>384.5</b>

# Electric Savings and Spend – CO





## **New in 2014 (As filed)**

- ▶ **More LED Lighting measures added**
  - ▶ **LED Troffers**
  - ▶ **LED Parking Garage Lighting**
  - ▶ **Midstream LED Pilot**
- ▶ **Small Building tune-up program**
- ▶ **New commercial refrigeration measures**
- ▶ **Energy Feedback Pilot**
- ▶ **Western cooling control device (under review)**
- ▶ **Smart thermostat study group and potential Pilot**

# What's working well in 2013

## ▶ Business

- ▶ Business New Construction programs
- ▶ Industrial & Commercial Process Efficiency

## ▶ Residential

- ▶ Energy Star New Homes
- ▶ Refrigerator recycling

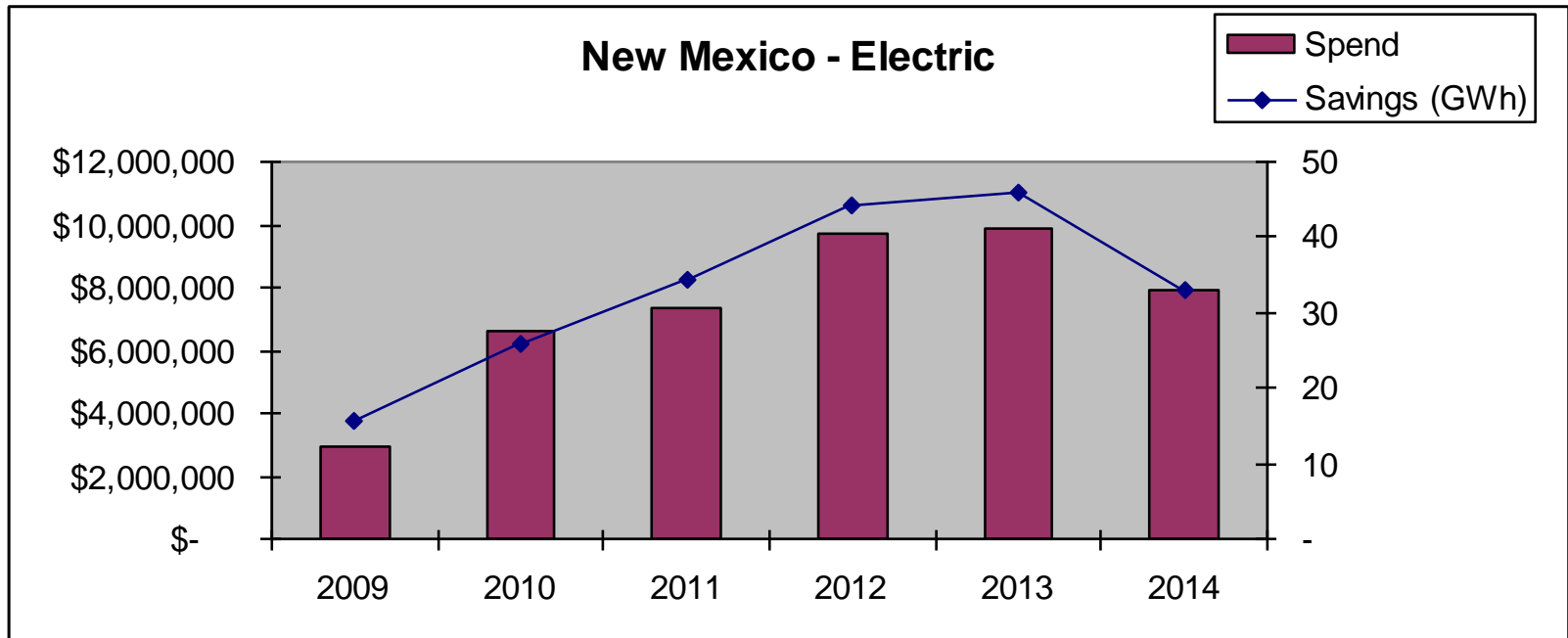
# Future DSM Concerns, Strategic Issues

- ▶ Lower avoided costs
  - ▶ Increased rate impacts
  - ▶ Budget Concerns
- ▶ Lower EE potentials
  - ▶ Emerging Technologies
  - ▶ Traditional DSM naturally occurring through increased codes & standards

# New Mexico 2014 Plan (Pending Approval)

<u>2014</u>	<u>Electric Budget</u>	<u>GWh Savings</u>
Residential / LI	\$4,235,116	17.5
Business	\$3,026,516	15.6
Indirect	\$621,982	0
<b>Total</b>	<b>\$7,883,614</b>	<b>33.1</b>

# Electric Savings and Spend – NM



# New in 2014

- ▶ **Small Building Tune Up**
  - ▶ **Buildings under 75K sq.ft.**
  - ▶ **Identify low cost, no cost measures and complete on site**
- ▶ **Energy Feedback Pilot**
- ▶ **Western cooling control device (under review)**
- ▶ **Residential pool pump VSD (under review)**

# Experiences & Lessons Learned

- ▶ **Business customer participation increasing**
- ▶ **Face to face sales is a necessity**
- ▶ **Support of 3<sup>rd</sup> party to move market**
- ▶ **Support of Account Managers**
- ▶ **Market Segment Challenges**

# Questions

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