



The Emerging Landscape for Program Administration

Incorporating Federal Actions into Local Program Delivery

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Principal Program Manager
June 2, 2010
Boston, MA

Purpose of the Session

- ▶ Provide context by reviewing major known federal efforts related to efficiency
- ▶ Describe the level of interaction between federal efforts and efficiency programs that was achieved in ARRA and identify opportunities to improve impacts in the future
- ▶ Describe a new, major federal effort that presents an opportunity for efficiency programs
- ▶ Provide a vision for what federal & efficiency program integration *could* look like

Today's Geographic Focus



■ Current Members

Federal Efforts in Play

- ▼ Energy Policy and Conservation Act of 1975
 - Appliance standards
- ▼ Energy Policy Act of 1992
 - DSM
- ▼ Energy Policy Act of 2005
 - Tax incentives
- ▼ Energy Independence and Security Act of 2007
 - Tax incentives, standards
- ▼ American Recovery and Reinvestment Act of 2009
 - Tax incentives, consumer rebates, funding for state EE jobs
- ▼ Codes and Standards
 - Legislated or enacted by empowered agencies

Federal Efforts in Play

▼ Programs

- ENERGY STAR
- Federal Energy Management Program
- National Building Performance & Rating Program
- EnergyGuide Labeling
- Save Energy Now and Save Energy Now Leaders
- State Energy Program
- Others (Building America, Net Zero Homes, etc.)

Federal Efforts in Play

- ▶ State Energy Efficiency Action Network (formerly NAPEE)
- ▶ Super-efficient Equipment and Appliance Deployment
- ▶ Legislation in the works
 - Home Star
 - Building Star
 - Carbon cap and trade
- ▶ Others?

Today's Discussion Draws Upon...

▶ Looking back: ARRA

- What were the successes? What were the challenges?
- What did we learn from ARRA about the infrastructure needed to enable federal efforts and efficiency programs to interact well?

▶ Looking ahead: National Building Performance & Rating Program

- What might this new federal effort mean for efficiency programs?
- What learning from ARRA can we apply here?

Agenda

- ▶ Background presentations by each panelist
- ▶ Panel discussion:
 1. ARRA - What relationships did it enable you to build that you anticipate retaining?
 2. How can the federal government and efficiency programs work together without ARRA-magnitude funding?
 3. Where have federal efforts & efficiency programs worked well together and where have they worked less well? Why?
 4. What is your vision for an efficiency program industry and federal government that are integrated and synergistic on efficiency?
- ▶ Q&A with attendees

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Incorporating Federal Actions into Program Delivery

Ruth Horton, Program Manager
CEE Summer Meeting
June, 2010

NYSERDA Snapshot

- Public-Benefit Corporation of NYS
- Mission: Advance innovative energy solutions in ways that improve NY's economy and environment
- Broad Portfolio of R&D and deployment activities to promote efficiency, renewable energy and alternative fuels
 - Rate-payer efficiency programs (SBC and EEPS) designed to meet State's 15 x 15 goals: \$290 m/year through 2011
 - Renewable Portfolio Standard (RPS) to meet State's 30 x 15 renewable goal (\$100 m/year)
 - Plus RGGI, State , and federal funds (\$180 m/year)
- Efficiency programs for all customer classes in areas served by regulated utilities

Along Comes ARRA

- Large one-time influx of funds used to fill gaps
 - SEP: \$75 million for studies and EE, RE, and clean fleet projects for 220 schools, hospitals, colleges, local governments, and not for profits
 - Received 875 proposals for about \$250 m
 - SEP: \$25 million for PV capacity program and LIPA PP agreements
 - EECBG: \$24 million for 206 projects for small municipalities
 - Received 422 proposals for \$53 m
 - SEP/EECBG: \$6.5 million for energy code training and compliance
- ARRA provisions (NEPA, DB, Buy American, Historical Preservation) and sector needs informed decisions on program uses
- Nearly \$17 million for appliance rebates (refrigerators, freezers, clothes-washers, dish-washers)



CEE Summer Program Meeting

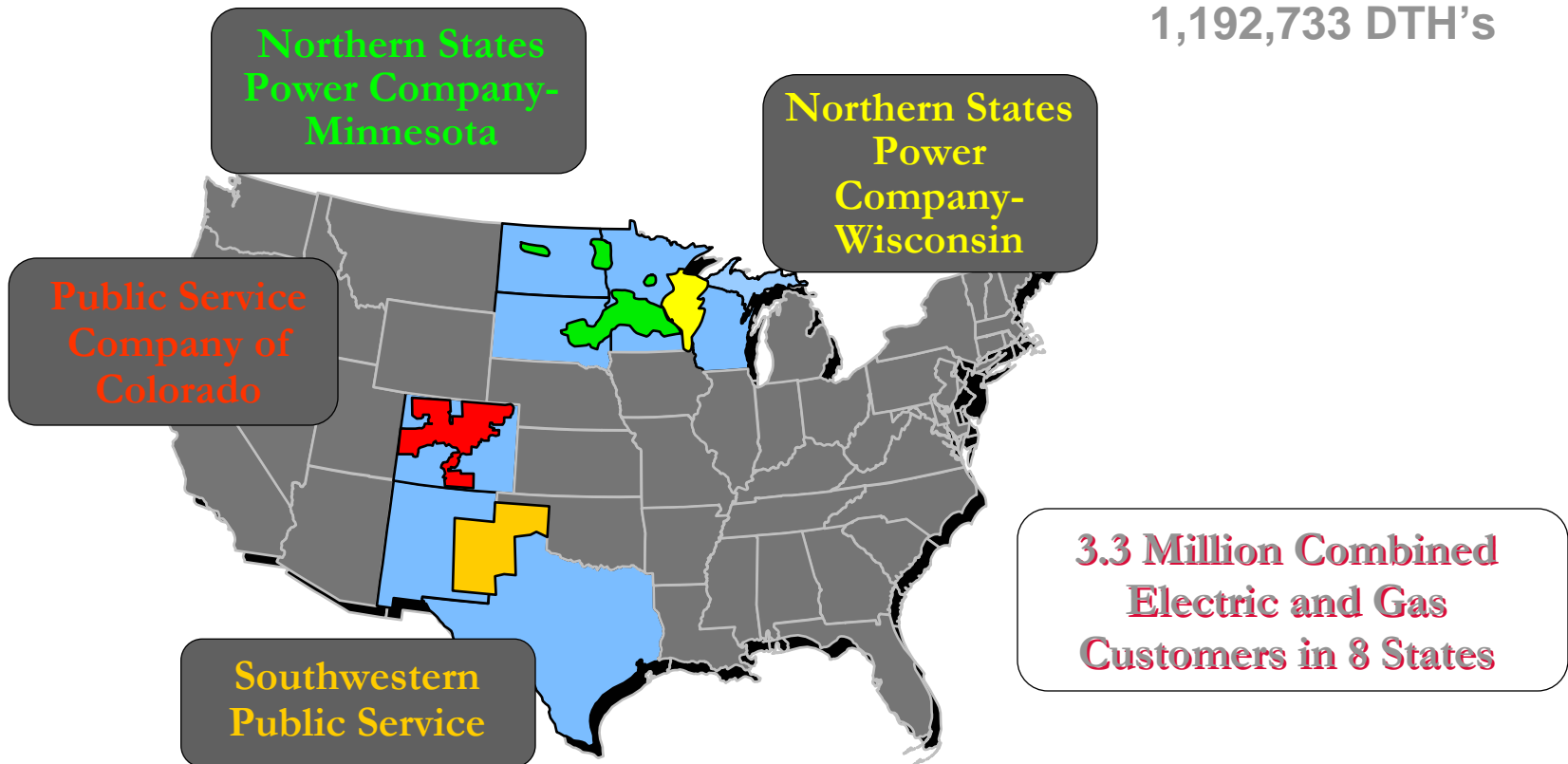
The Emerging Landscape for Program Administration

Presented by Deb Sundin

June 2, 2010

Xcel Energy Service Territory

2010 DSM Budget: \$180 million
2010 Goals: 631 GWh
1,192,733 DTH's



Experience with ARRA

▪ Minnesota

- Appliance rebates with limited overlap with utility residential programs.
- Weatherization dollars added to entire pool of spend.
- 4% financing for business customers with some support services, participation in Xcel Energy programs encouraged.
- Cost sharing grants to local government and school districts, participation in Xcel Energy programs encouraged.
- Renewable grants with limited overlap with utility programs.
- Community energy efficiency grants, Xcel Energy working with communities to partner when possible.

▪ Colorado

- Appliance rebates with some overlap with utility residential programs. Xcel Energy provided promotional support.
- Weatherization dollars added to entire pool of spend.
- Provide loan guarantees (default dollars) to support energy efficiency loans from area banks. Still in development.
- Small business assessments with recommendations, participation in Xcel Energy programs encouraged.
- Government building grants, participation in Xcel Energy programs encouraged.
- Community energy efficiency grants, Xcel Energy working with communities to partner when possible.

Experience with ARRA

▪ North Dakota

- Utilities are implementing programs to spend ARRA funding.
- Developed menu of standard programs.
- Xcel Energy residential programs:
 - Furnace/Boiler Rebates
 - Water Heater Rebates
 - Insulation Rebates
 - Ground Source Heat Pump Rebates
- Xcel Energy business programs:
 - Lighting Efficiency Rebates
 - Furnace/Boiler Rebates

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National Energy Rating Program for Homes

Building on existing programs, tools, and services, the National Program will strengthen the home retrofit market by significantly enhancing

- standardization and quality assurance in the home energy retrofit industry;
- consumer understanding and confidence in the value of home energy performance;
- confidence among lending institutions to provide favorable financing for home energy retrofits; and,
- the ability of trained workers to enter the private sector retrofit market as Weatherization work funded by the Recovery Act ramps down.



Next Steps & Opportunities for CEE Member Involvement

- Further analysis of options for measuring home energy performance
 - Looking for additional home data that includes information on utility bills, building characteristics, and possibly behavioral characteristics
- 2 Requests for Information (RFI)
 - RFI #1 on Performance Metric, Consumer Information
 - RFI #2 on Workforce Standards
- Develop and Initiate Pilots
 - Seattle pilot: underway
 - HUD/FHA pilot under design
- Stakeholder Engagement
 - Additional webinars
 - Stakeholder discussions planned for June/July
 - Particular focus on questions raised in RFI #1
 - States, utility, contractors, environmental groups, building rating groups
- Implementation in Partnership with States, Utilities, Others

Panel Discussion

1. ARRA - What relationships did it enable you to build that you anticipate retaining?
2. How can the federal government and efficiency programs work together without ARRA-magnitude funding?
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