CEE M | Transforming Residential Appliance Markets

Integrating Products Standards, Labeling, and Incentives

Alice Rosenberg Program Manager, CEE April 22, 2015 ACEEE CEE Market Transformation Symposium

CEE Members Working Together

Program Administrators

Alabama Power Alliant Energy—lowa Alliant Energy-Wisconsin Ameren Illinois Ameren Missouri Arizona Public Service Atmos Energy Corporation Austin Energy Avista Utilities Baltimore Gas & Electric Company BC Hydro Berkshire Gas Black Hills Energy-Col. Black Hills Energy—lowa Bonneville Power Administration Cape Light Compact City of Palo Alto Utilities City Utilities of Springfield -Missouri Columbia Gas of Massachusetts Columbia Gas of Ohio Commonwealth Edison Company Connecticut Natural Gas Consolidated Edison Company Consumers Energy DC Sustainable Energy Utility DTE Energy Duke Energy Efficiency Maine

Efficiency NB Efficiency Vermont Energy Trust of Oregon Eversource Eugene Water & Electric Board Focus on Energy-Wisconsin FortisBC Gaz Métro Georgia Power Great Plains Natural Gas Gulf Power Hawaii Energy Efficiency Program Hydro-Québec Idaho Power Indianapolis Power & Light Company Iowa Energy Center Liberty Utilities Los Angeles Department of Water and Power Massachusetts Department of Energy Resources MidAmerican Energy Minnesota Department of Commerce Mississippi Power Montana-Dakota Utilities National Grid Natural Resources Canada Nebraska Public Power District

New Hampshire Electric Cooperative New Jersey's Clean Energy Program New Jersey Natural Gas New Mexico Gas Company New York Power Authority New York State Energy Research and **Development Authority** Newfoundland and Labrador Hydro Newfoundland Power Nicor Gas Northeast Utilities Northern California Power Agency NV Energy **Omaha Public Power** District Oncor Pacific Gas and Electric Company PECO Platte River Power Authoritv PNM Potomac Electric Power Company (Pepco) **PPL Electric Utilities** PSEG Long Island Public Service Electric & Gas Puget Sound Energy Questar Gas

Rocky Mountain Power-Utah Rocky Mountain Power-Wyoming Sacramento Municipal Utility District Salt River Project San Diego Gas & Electric Company SaskPower Seattle City Light Snohomish PUD SourceGas South Jersev Gas Southern California Edison Southern California Gas Company Southern Connecticut Gas Southern Minnesota Municipal Power Agency Southwest Gas Tacoma Power Tampa Electric Company Tennessee Valley Authority Union Gas United Illuminating Company Unitil Vectren Corporation Vermont Department of Public Service Vermont Gas Xcel Energy

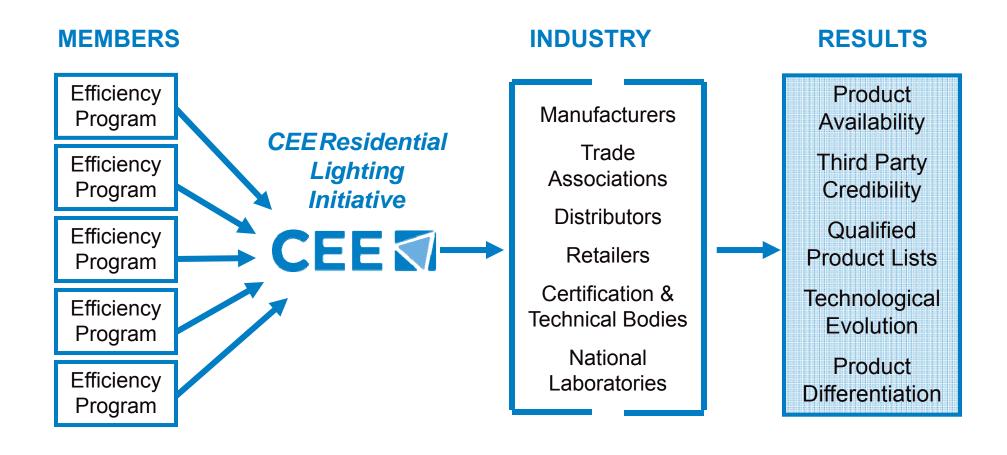
Efficiency Organizations National Laboratories American Council for an Energy-Efficient Economy California Energy Commission California Institute for Energy and Environment Fraunhofer Center for Sustainable Energy Systems Lawrence Berkeley National Laboratory Massachusetts Department of **Energy Resources** National Renewable Energy Laboratory Natural Resources Defense Council New Buildings Institute Northeast Energy Efficiency Partnerships Northwest Energy Efficiency Alliance Oak Ridge National Laboratory Pacific Northwest National Laboratory Southwest Energy Efficiency Project

Federal Advisors

Natural Resources Canada US DOE US EPA



Working Together, Advancing Efficiency



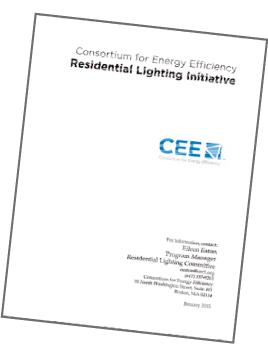
. . . .

CEE 3

CEE Residential Lighting Initiative

Background

- Replacement Lamps
- Retrofit Kits
- Luminaires
- Lighting Controls
- < Design



Objectives

- Enable lighting programs to claim greater energy savings by recognizing high performing products in the market
- Accelerate the lighting industry's investment in higher performing technology and drive high volume applications



Initiative Revision Process

Rationale for Revision

- Industry-wide need to identify greater savings
- Changes in technology, market, and program approaches

Initiative Components and Scope

- Replacement Lamp Specification
- Relationship to ENERGY STAR®
- Tiered Specification

Revised Specification

Effective January 1, 2015



CFF 5

Contact

Alice Rosenberg Program Manager 617-337-9287 arosenberg@cee1.org

