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California Energy Commission
Agenda: IEPR Commissioner Workshop on 2030 Efficiency Goals

Monday, July 6, 2015 - 10:00 a.m.
First Floor, Art Rosenfeld Hearing Room

Introduction

Heather Raitt, Integrated Energy Policy Report (IEPR) Program Manager

Opening Comments

Commissioner Andrew McAllister, Lead Commissioner for IEPR
Chair, Robert B. Weisenmiller, Chair, California Energy Commission
Commissioner Carla Peterman, Commissioner, California Public Utilities Commission
Karen Edson, Vice President Policy and Client Services, California Independent System Operator
Linné K. Stout, Director, Department of Community Services and Development
Cliff Rechtschaffen, Senior Advisor to the Governor

Accessing the potential for an EE Resource Standard for statewide electricity and natural gas sales

Steve Schiller, California Energy Efficiency Industry Council (CEEIC)
Peter Miller, Natural Resources Defense Council (NRDC)
Jason Wimbley, Department of Community Services and Development (CSD)
Jonathan Changus, Northern California Power Agency (NCPA)
Greg Wikler, Navigant Consulting

Discussion questions:

1. How will setting a statewide target for all of California electric and gas EE activities, including going beyond utility-driven programs, help to deliver greater energy savings in existing buildings? How might this be useful?
2. What are the opportunities and challenges for achieving substantial levels of EE through **non-utility funded programs** and initiatives?
3. What are the analytical requirements for setting “wedge” (EE advancement) targets, allocating these between utility-supported and other initiatives, and then tracking achievements over time?
4. How should goal-setting and compliance assessment be structured to ensure statewide consistency and transparency? Is the RPS system an appropriate analogy?

Options for Heating Fuels

Obadiah Bartholomy, Sacramento Municipal Utility District (SMUD)

Allison Smith, SoCalGas

Peter Miller, Natural Resources Defense Council (NRDC)

Discussion of options for achieving cleaner water and space heating fuels in buildings.

5. Electrification of heating end-uses:
 - a. What might this look like?
 - b. How soon should we start?
 - c. Are there any special considerations?
6. Renewable biogas:
 - a. What is the potential supply?
 - b. Would there be an economic advantage for using biogas in buildings vs. in industry or the transportation sector?
 - c. What issues arise for commercialization and market integration?
 - d. Are there any transition issues to address?

Lunch Break

Code and Existing Buildings

Talbot Gee, CEO Heating Air-conditioning & Refrigeration Distributors International (HARDI)

Matthew Hargrove, California Business Properties Association

Aaron Johnson, Pacific Gas & Electric (PG&E)

Snuller Price, Energy + Environmental Economics (E3)

Cynthia Mitchell, TURN consultant

7. What do we know about current compliance by existing buildings with Building Energy Efficiency Standards (Title 24)?
 - a. Any estimate of the level of EE impacts NOT being realized and why?
 - b. Are building owners foregoing projects altogether or avoiding permitting and inspection?
 - c. How does this vary across market segments?
8. What strategies are there for increasing compliance? How do we pay for these? (For example, incorporate into financing, tax credits, ratepayer-funded incentives, other rewards.)
9. How well are the Energy Commission's and CPUC's economic methodologies for cost effectiveness working for us?
 - a. Should we modify or replace these methods to better align with the scale and pace needed to reach California's climate goals?
 - b. Whose capital should be used to achieve these goals – utility ratepayers, building owners, utility treasuries, government, and private capital?

Market Transformation Strategies

Talbot Gee, CEO Heating Air-conditioning & Refrigeration Distributors International (HARDI)

Susan Stratton, Executive Director Northwest Energy Efficiency Alliance (NEEA)

Linda Derivi, American Institute of Architects, California Council (AIACC)

Ralph Prael, Prael & Associates (**via WebEx**)

Discussion of typical strategies used in market transformation and how they might augment the savings levels we see now from codes and standards or utility incentive programs.

10. What California energy efficiency objectives or market segments are well-suited to such an approach?
11. How much additional energy savings might be achieved or at what (lower) cost?
12. What organization model(s) could work in California? What policy, enabling, or funding changes would be needed?

Public Comments

Adjourn