

RESPONSIBLE CONTRACTOR POLICY FOR ENERGY EFFICIENCY PROGRAMS

Study Overview

5/4/2017



Study Overview

- This study will explore considerations related to the development and implementation of a Responsible Contractor Policy as mandated by Senate Bill 350 Clean Energy and Pollution Reduction Act of 2015 (SB-350). SB-350 states that the:

Commission shall adopt, implement, and enforce a responsible contractor policy for use across all ratepayer-funded energy efficiency programs that involve installation or maintenance, or both installation and maintenance, by building contractors to ensure that retrofits meet high-quality performance standards and reduce energy savings lost or foregone due to poor-quality workmanship.



Study Objectives

- **Objective 1: Identify the Contractor Requirements in Today's Installation and Maintenance IOU Retrofit Programs (Current State)**
- **Objective 2: Determine Elements for Consideration in a Responsible Contractor Policy (Future State)**
- **Objective 3: Explore the Opportunities and Challenges to Implementing a Responsible Contractor Policy (Feasibility)**



Research Methods

1 Secondary Data Analysis

2 In-Depth Interviews

3 Peer Comparison

4 Focus Groups



Secondary Data Review Efforts

1

Program
Data Review

2

Program
Policy Review

3

Literature
Review

Objectives

- Understand the current state of contractor participation policies
- Identify sources of relevant market data
- Characterize the regulatory landscape
- Synthesize related literature and other secondary sources



Program Data Review – Preliminary Data

Findings

- Number of Programs Identified: 94
- Measures Contractors are Working with:
In about half of these programs contractors are working with lighting (51%) and/or HVAC (51%) measures.
- Most Common CSLB Licenses:
 - C10 Electrical (General) (62% programs)
 - C20 Warm-Air HVAC (48%).

Measure	%
Lighting	51%
HVAC	51%
Water Heater	15%
Weatherization	14%
Refrigeration	12%
Whole House	4%
VFD/VSD	4%
EMS	3%
Aerator/Showerheads	3%
Other	23%
“Various”	18%
None Listed	4%
n	94

CSLB License	Total % of Programs	# IOUs Cited This
C10 Electrical (General)	62%	7
C20 Warm-Air HVAC	48%	7
C38 Refrigeration	26%	5
B General Building	24%	6
C4 Boiler, Hot Water Heating and Steam Fitting	20%	6
C36 Plumbing	20%	6
C2 Insulation and Acoustical	13%	7

In-Depth Interviews

1

IOUs

2

CEC/CPUC

3

CSLB

4

Community
Colleges

5

Training
Providers

6

Credentialing
Organizations

7

Contractor
Organizations

8

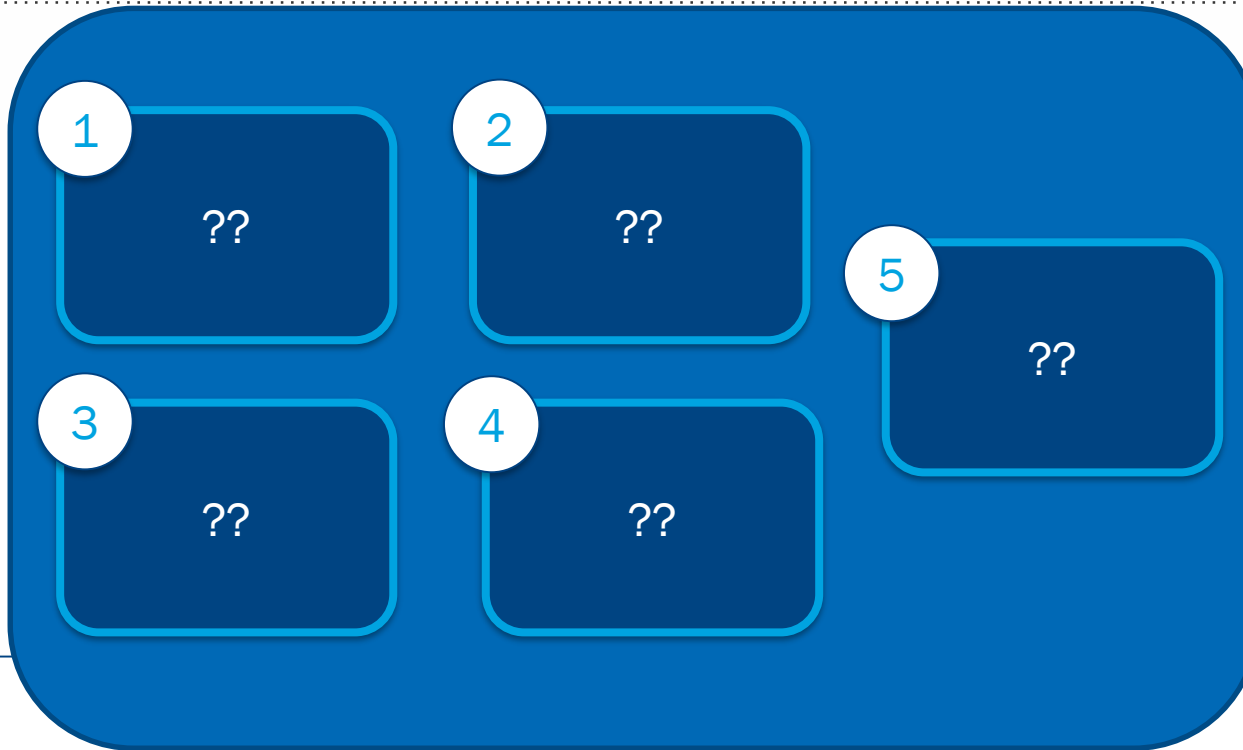
Other
Stakeholders

Objectives

- Understand what elements should be considered for inclusion
- How elements might impact the market & program participation
- Potential unintended consequences
- Who owns enforcement



Peer Comparison

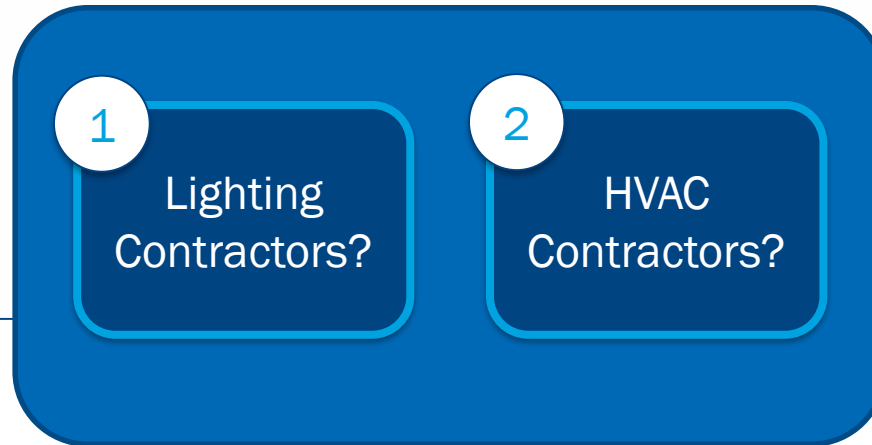


Objectives

- To understand how other states, utilities, commissions are dealing with contractor requirements (such as performance aspects, code compliance, prevailing wage, etc.)



Focus Groups



Objectives

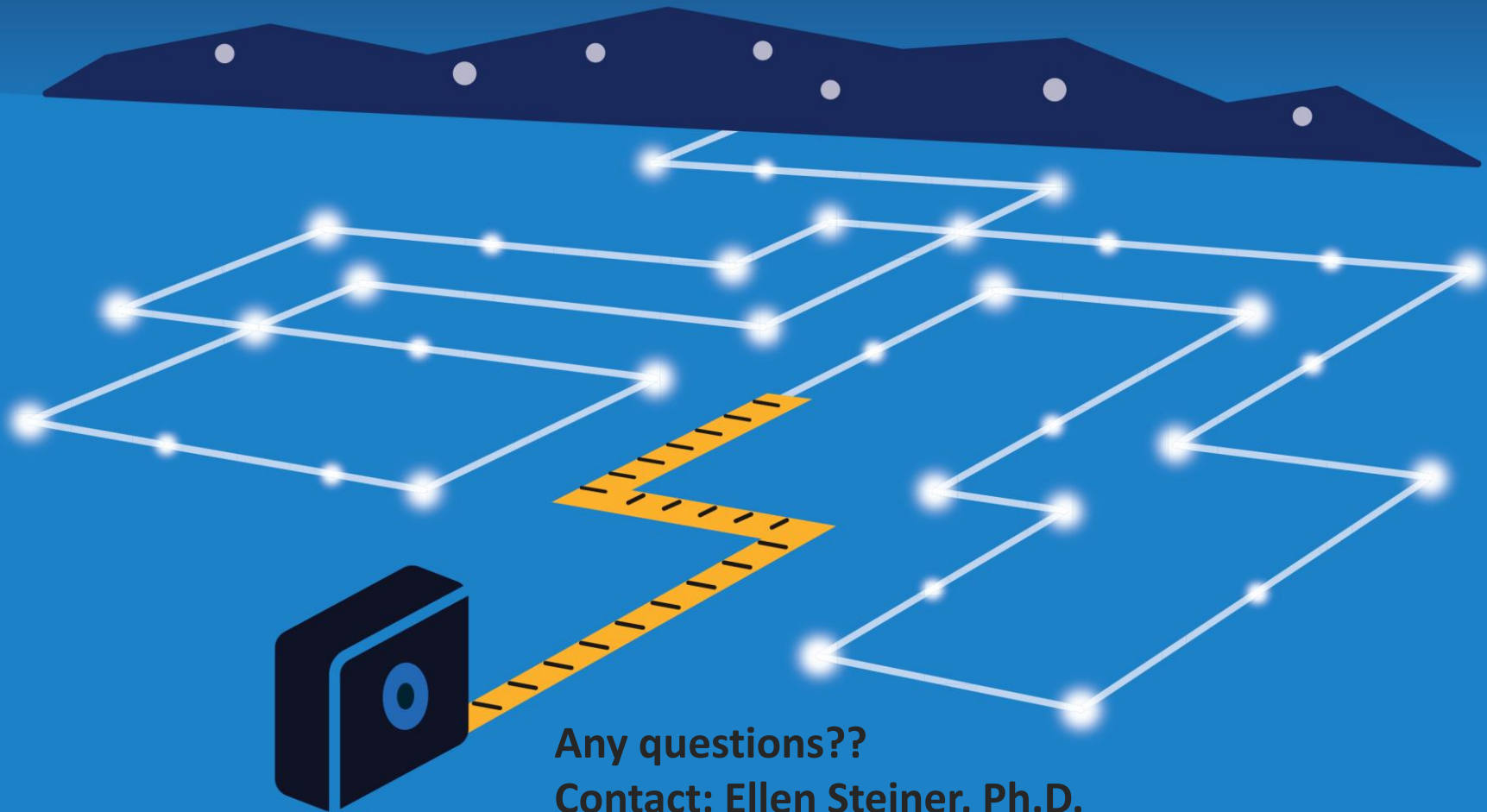
- To better understand the implications of potential elements of the policy on their work and potential participation in EE Programs



Discussion

What elements should be considered in a Responsible Contractor Policy?





Any questions??

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