X2227 – Potential "Next Measures" – Residential & Commercial

Kickoff Presentation

May 16, 2023

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Energy + Climate

Agenda

1 Project Context

2 Approach

3 Timeline & Budget

Project Overview & Objectives

Context

- Connecticut's energy efficiency landscape is challenging for utilities:
    - Decreasing net-to-gross
    - Decreasing baselines as lighting savings, etc. go away
    - Worsening cost-effectiveness results
    - Results of the HES comprehensive impact and process review

- As a result, utilities are proactively looking for ways that they could **modify EE programs to improve portfolio results**.

Project Objectives

To develop recommendations for improving CT EE program portfolio results through:

1. Addition of **new measures** to existing EE programs (primary focus)

2. Potential changes to **program design and/or program delivery** strategies (secondary focus)

Overview of Project Approach

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	Task 1: Review current CT EE Programs (~10% of effort)	**Task 2: New Measures Research (~50% of effort)**	**Task 3: Program Design/Delivery Review (~20% of effort)**
Purpose of this task	• To have a solid, **common understanding** of design /performance of CT existing programs • To provide **common frame of reference** for consideration of program improvements	To **identify, characterize and prioritize** potential new EE **measures**, excluding heat pumps and other electrification measures, to be added to existing EE programs	To **identify** potential program **design** and/or **delivery** changes to improve existing EE program performance
Key Questions	• How have programs performed in recent years? • Which aspects of program performance (savings, cost effectiveness etc.) are most challenging? • Are all programs/measures experiencing similar declining performance? • What new measures/program changes have been recommend in recent program evaluations /studies, and have they been implemented?	• What new EE measures have leading jurisdictions added portfolios in last 2 yrs? • What new EE measures have leading DSM jurisdictions added to potential studies recently? • How have other jurisdictions characterized these measures (i.e. key TRM parameters)? • Is such characterization applicable to CT? • How suitable might these measures be for CT market? • Which new measures likely offer the largest opportunities for increased EE savings in CT?	• How do CT's programs compare against new ideas/emerging practices in leading jurisdictions? • What specific program design/delivery strategies (e.g. targeting, incentives, outreach) are most likely to support CT in realizing savings goal from new and existing EE measures, and should be explored further? • Are there any leading program design/delivery strategies which would required a change in CT policy or regulatory framework in order to be implemented?
Method	**Desktop review** of existing, publicly available documents regarding CT programs including: Evaluation Reports & Studies, Annual Reports, C&LM Plans; **Interviews** with EAs and utilities.	• Desktop research • Interviews (5-6) with manufacturers and program administrators in other leading jurisdictions.	• Desktop research • Interviews (5) with program administrators and SME in other jurisdictions.
Task Deliverable	• Slidedeck summary of Task 1 findings	• Measure characterization spreadsheet • Slidedeck summary of Task 2 findings	• Slide deck summary of Task 3 findings

Task 4: Findings & Recommendations Report (~20% of effort)
• Summary report (MS Word)
• Summary presentation for EEB (PowerPoint)
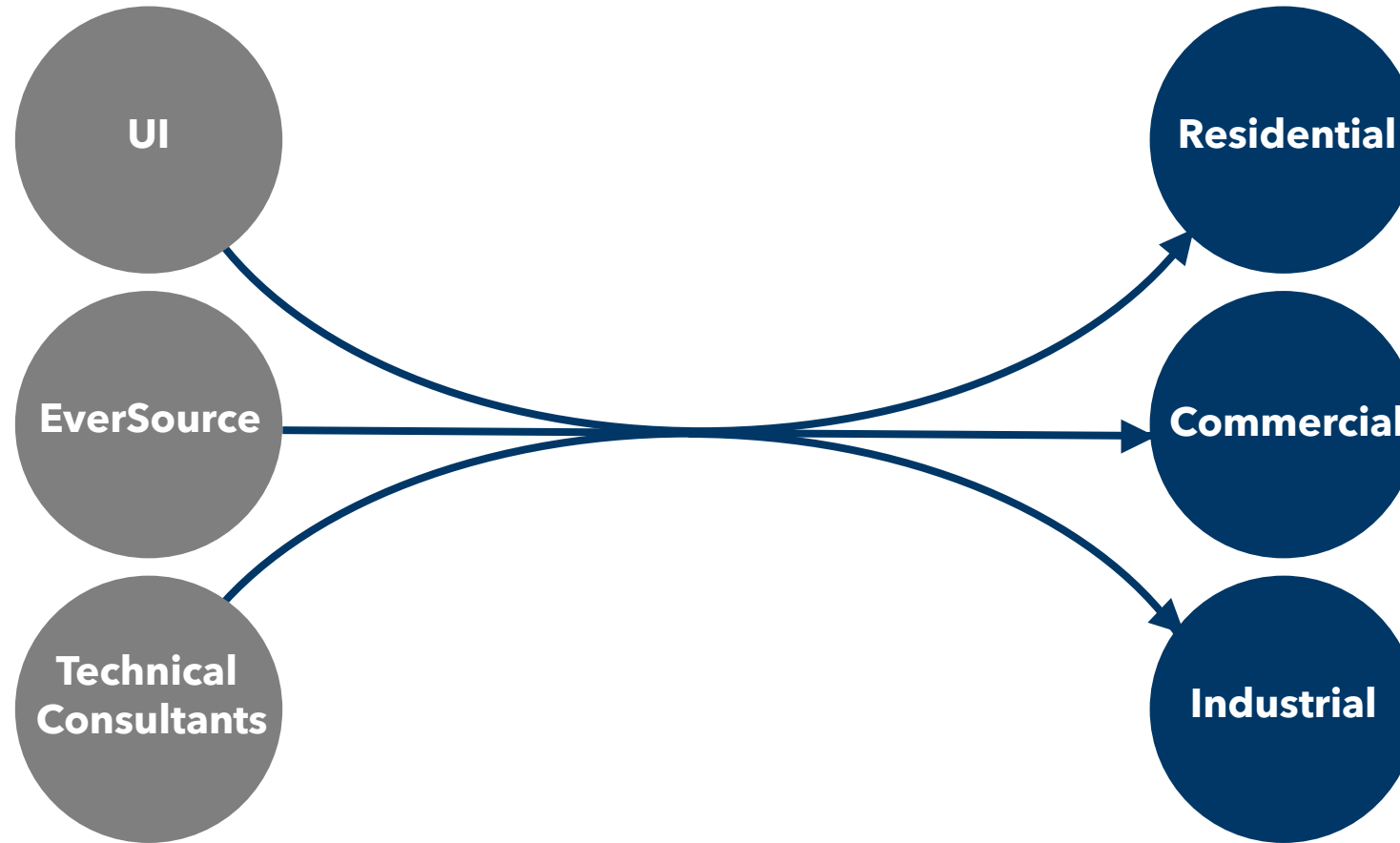
Proposed Interviewees

New Measures

- California

- Massachusetts

- New York or Illinois

- *Company #1*

- *Company #2*

- *Company #3*

Program Design/Delivery

- California

- Massachusetts

- New York

- Vermont

- Maine

Note: This is a preliminary list of proposed interviewees.

Pre-Kickoff Interviews

Timeline & Budget

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Review Current Programs	New Measures Research	Program Design & Delivery Review	Reporting

April – May	May – August	July - September	September - November

Tasks	Cost
Project initiation, interviews, data gathering, and research	$80,000
Analysis & assessments, recommendations, and reporting	$45,000
Total	**$125,000**

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