POU Custom Measure Update

CALIFORNIA
TECHNICAL FORUM

AYAD AL-SHAIKH

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Overview

- 2021 Business Plan Goals Relating to POU Custom Measures

- Proposed Approach to Meet Our Goals

- Next Steps

Question:
Should we set up a subcommittee meeting to discuss and get feedback?

2021 Business Plan Goals

- "Review and document how existing eTRM resources streamline and improve POU custom measure process"
  - ❑ CalTF / eTRM Existing Tools
  - ⭐ Enhancements to Implement

- "Review POU TRM tools/calculators; Identify gaps in eTRM"
  - ❑ Identify a complete list of POU tools
  - ⭐ Is there functionality for those existing tools that isn't already covered by the eTRM calculation capabilities

- "Identify and develop POU custom measures using the existing eTRM capabilities"
  - ⭐ Identify POU custom measures that would be valuable to upload
  - ❑ Identify POU custom measures that would not be appropriate to upload

Proposed Approach

- Select a "best-in-class" custom measure from LADWP
- Convert the project into coding problems
  - ❑ *Project Development Process* – documentation requirements beyond what a deemed measure requires:
    - ✖ Data collection requirements
    - ✖ M&V plan
    - ✖ Algorithm for savings estimates
      - Likely no software to achieve these needs
      - Will not include workflow elements such as eligibility, influence screening or application processing
  - ❑ *Input Data* – collect/utilize site-specific data
  - ❑ *Savings Algorithms* – generate savings from site-specific data
  - ❑ *Report Documentation* – document savings claims

Proposed Approach

- Identify specific eTRM enhancements so that "*select*" POU custom measures could be uploaded into eTRM
  - ❏ "*Select*" means POU custom measures appropriate for eTRM and will add value

- Describe how the work can be "generalized"
  - ❏ Best categories for custom/hybrid measures
  - ❏ How can custom measures be bundled – understand issues
  - ❏ Value of housing POU custom measures in eTRM relative to cost/associated effort

4/21/2021

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Next Steps / Cal TF Input

- We would like Cal TF input on:
  - ❑ Custom/Hybrid measure categories that have enough commonality to make them valuable to upload into the eTRM
    - ✖ e.g. Lighting Calculator, VFD calculations, HVAC controls
  - ❑ Enhanced calculation capabilities needed by the eTRM
    - ✖ Evaluating trend data
    - ✖ Iterative solutions
    - ✖ Connections to modeling tools
  - ❑ Enhanced features needed by the eTRM
    - ✖ Ability to collect data from field
    - ✖ POU custom report format
  - ❑ How to deal with bundled custom measures

- ***Should we set up a subcommittee meeting to discuss?***