Cal TF Custom Subcommittee Meeting #7

CALIFORNIA
TECHNICAL FORUM

APRIL 5, 2023

Agenda & Goals

- **Meeting Agenda**
  - ❑ Quick Updates [10 min]
  - ❑ Custom Workplan [20 min]
  - ❑ ISP White Paper [30 min]
  - ❑ DRAFT Custom Measure Package: Steam Boiler [45 min]
  - ❑ Process for Statewide Custom Measures and Tools [15 min]

- **Meeting Goals**
  - ❑ Collect/discuss questions and comments on draft 5X Workplan
  - ❑ Introduce draft Steam Boiler Measure Package
  - ❑ Stakeholder input to support (1) ISP White Paper, (2) process to develop SW measures and tools, (3) regulatory summary and review

Custom Initiative – Status

Metric	Activity/Task	Status	Upcoming
5X	Custom Initiative Workplan	Draft posted; comments due April 10	Revised version for affirmation at 4/27 TF meeting
5A-1	Regulatory Summary & Review	In progress; identifying, compiling material	Summary of regulatory sources, characterized
5A-2	SW Custom Measure ID	Presented initial concepts in March; comparing with Ex Post Measure Group	Updated SW Measure Code Structure
5A-3	List of Measures for SW Custom Measure Packages	Cal TF Staff compiling measure list (claims and CPR data)	Stakeholder input to identify/prioritize measures for SW standardization
5A-4	List of Custom Tools	Cal TF Staff compiling list of existing tools	Stakeholder input to identify/prioritize tools for updating and development
5B	Custom Roadmap	Cal TF Staff drafting based on stakeholder input to date	Stakeholder input to identify/prioritize needs/efforts for Roadmap
5C-1	SW Measure Characterization	Draft Steam Boiler Measure Package	Steam Boiler MP Affirmation (May) Other measures in upcoming for stakeholder input
5C-2	Custom MP and Tool Development Workflow	Discussing goal and approach today	Stakeholder buy-in on SW process
5D	eTRM Documentation	Custom Measure Characterization template	TBD based on eTRM priorities
5E-1	eTRM Custom Phase 1	Finalized design and functional specifications	Implementation pending eTRM enhancement priorities
5E-2	Future Custom eTRM Modules	-	eTRM 101 Training
6B	White Paper: ISP	Update and stakeholder discussion	Stakeholder survey

Blue text = items on today's agenda

4/5/2023

Quick Updates

- Draft 5X "Cal TF Custom Initiative" Workplan
  - ❑ Comments due April 10 (COB)
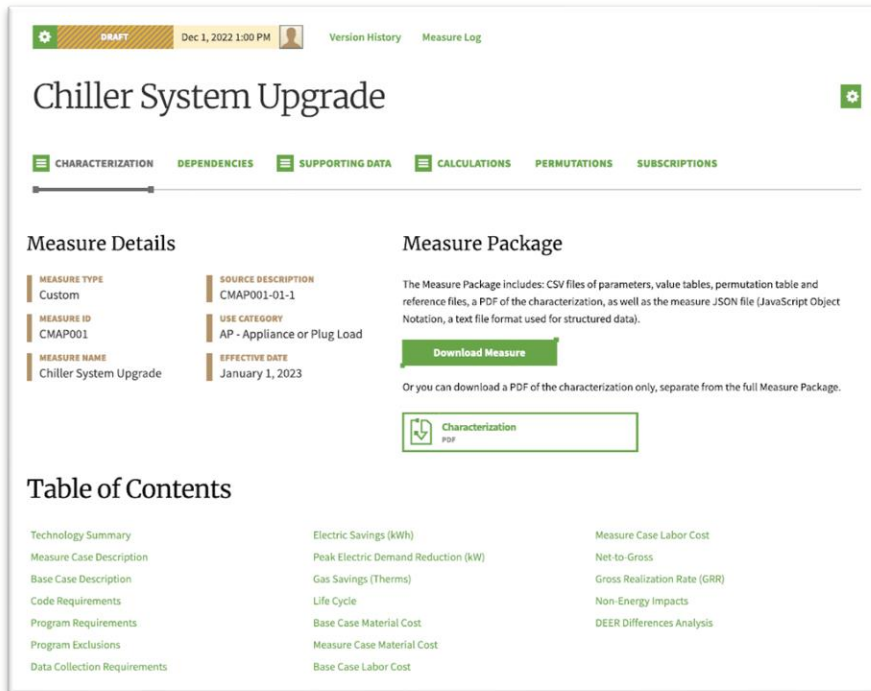 - ❑ Discussing with CEDMC on 4/17

- eTRM Phase 1
  - ❑ Updated Design 2.1
  - ❑ Updated Functional specifications
  - ❑ Custom Library v. Custom Measures

Custom "Phase 1" Module

Custom Measures to host information on calculation methods and tools

Custom Library to host tools, templates, and other key resources

Metric 5X

Custom Initiative Workplan (includes all metrics in BP Goal 5)

- [Draft 5X Custom Initiative Workplan](#)

- Schedule
  - 3/23 – posted and presented to TF
  - 4/5 – discuss with Custom Subcommittee
  - **4/10 – deadline for comments**
  - TBD – review with CPUC CPR team
  - TBD – revised workplan presented to TF for affirmation

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5X: Scope

- 5A. Gather, Organize, and Prioritize existing custom guidelines, tools, and resources being used by POUs, IOUs, and Implementers

- 5B. Finalize High-Level Custom Roadmap by 2023 Q2

- 5C. Develop and Implement SW Methods for at least three Custom Measures

- 5D. Update eTRM Documentation

- 5E. Implement select POU and statewide TRM tools/calculators in the eTRM

- ISP White Paper

Task	Goals, Metrics, and Objectives
5A	▪ Improve **stakeholder awareness, access, and understanding** of custom regulatory guidance and policy ▪ Improve ability for new stakeholders to understand custom policies and processes ▪ Establish a **statewide Measure ID structure** for custom measures ▪ Identify and prioritize custom measures that are good candidates for **standard methods and tools** and/or hybrid methods ▪ Identify and make accessible **tools to support custom measure development** ▪ Prioritize identified custom improvement recommendations
5B	▪ Establish high-level scope, **priorities, and schedule for future Cal TF activities** to support custom ▪ Develop framework for Custom Initiative tactics in future Business Plans
5C	▪ **Develop statewide standard methods and tools** that clarify requirements, improve consistency, and reduce time and costs to develop custom measures ▪ Establish a **process for development, review, updates, approval** of statewide custom methods and tools
5D	▪ Develop user-friendly eTRM documentation to support any eTRM development for Custom
5E	▪ Develop functional specifications to **host custom measures and resources** in the eTRM ▪ Implement custom measures and resources in the eTRM ▪ Develop a stakeholder-supported **vision for how the eTRM can support the custom portfolio** ▪ Define eTRM Custom Modules to support the eTRM Custom vision

5X: Key Milestones

- **5A. Gather, Organize, and Prioritize existing custom guidelines, tools, and resources**
  - Summary of Custom Regulatory Guidance Resources – **April 2023**
  - Draft Custom Measure ID Structure and Mapping for Stakeholder Review – **May 2023**
  - Affirmation of Custom Measure ID Structure – **TBD**

- **5B. Finalize High-Level Custom Roadmap by 2023 Q2**
  - Draft Custom Roadmap – **July 2023**
  - Final Custom Roadmap, Affirmation – **October 2023**

- **5C. Develop and Implement SW Methods for at least three Custom Measures**
  - Custom Measure Characterizations for Stakeholder Review – **June 2023**
  - Proposed Custom Measure Development, Review, and Approval Process – **July 2023**
  - Affirmed Custom Measure Characterizations – **TBD**

- **5D. Update eTRM Documentation**
  - TBD

- **5E. Implement select POU and statewide TRM tools/calculators in the eTRM**
  - Final Custom eTRM Phase 1 Functional Specifications – **March 2023**
  - Implementation of eTRM Phase 1 – **TBD**
  - eTRM Custom Visioning Charette – **July 2023**
  - Draft Vision for Custom eTRM Modules – **September 2023**

- **ISP White Paper**
  - Draft White Paper – **July 2023**
  - Final White Paper, Affirmation – **September 2023**

Stakeholder Engagement

- Custom Subcommittee
  - Monthly meetings
  - Subgroups
  - Website & SharePoint

- TF and PAC meetings
  - Updates, input, affirmations (when needed)

- CPUC Custom Project Review Team
  - Regular check-in
  - Solicit input and review at key milestones

- SW Custom Coordination Meeting
  - Cal TF Updates

- Ad hoc meetings and requests
  - Data requests
  - Input requests (stakeholder survey, document review)

- Other Engagement
  - CEDMC Meetings

5A-1: Custom Regulatory Summary Review

- **Objective**
  - Summarize the sources and scope of existing custom regulatory guidance
  - Develop recommendations to improve access and clarity for all stakeholders

- **Approach**
  - Gather and summarize existing resources
    - *Need support from CPUC, IOUs to identify/access*
  - Characterize resources (e.g., accessibility, update status, update frequency, clarity, and usefulness)
  - Identify potential overlap, conflicts
  - Develop, prioritize recommendations

- **Deliverables**
  - Summary of custom regulatory resources, policy, and guidance resources
  - Proposal to improve approach to summarizing and providing clear guidance on custom projects

5A-2: Statewide Custom Measure ID

- **Objective**
  - Establish a Statewide Measure ID structure for custom measures

- **Approach**
  - Review existing PA-specific measure codes
  - Model deemed measure code structure
  - Map existing PAC codes to proposed new code structure

- **Deliverables**
  - Proposed SW Custom Measure ID Convention for Custom Measures
  - Table to map existing PA-specific measure codes to proposed SW Measure ID

5A: Gather/Organize/Prioritize

5A-3: List of Measures for Statewide Methods

- **Objective**
  - Identify and prioritize custom measures for statewide standardization and hybrid methods

- **Approach**
  - Identify common custom measures
    - Custom program activity and claims data
    - Existing methods guidance documents
    - Stakeholder input on potential new custom measures
  - Identify "hybrid" opportunities
  - Prioritize measures for statewide development

- **Deliverables**
  - List of custom measures recommended for SW standard and/or hybrid methods

5A-4: List of Custom Tools

- **Objective**
  - Identify and characterize custom tools that stakeholders may use to develop custom projects

- **Approach**
  - Identify and gather existing tools
    - *Need support from CPUC, IOUs, implementers to identify/access*
  - Characterize tools (e.g., use, status)
  - Identify and prioritize needs to improve the library of useful tools

- **Deliverables**
  - List of characterized custom tools used in past five years.
  - Public library of custom tools with summary information
  - Prioritized list of needs to update, seek approval, and/or develop new custom tools.
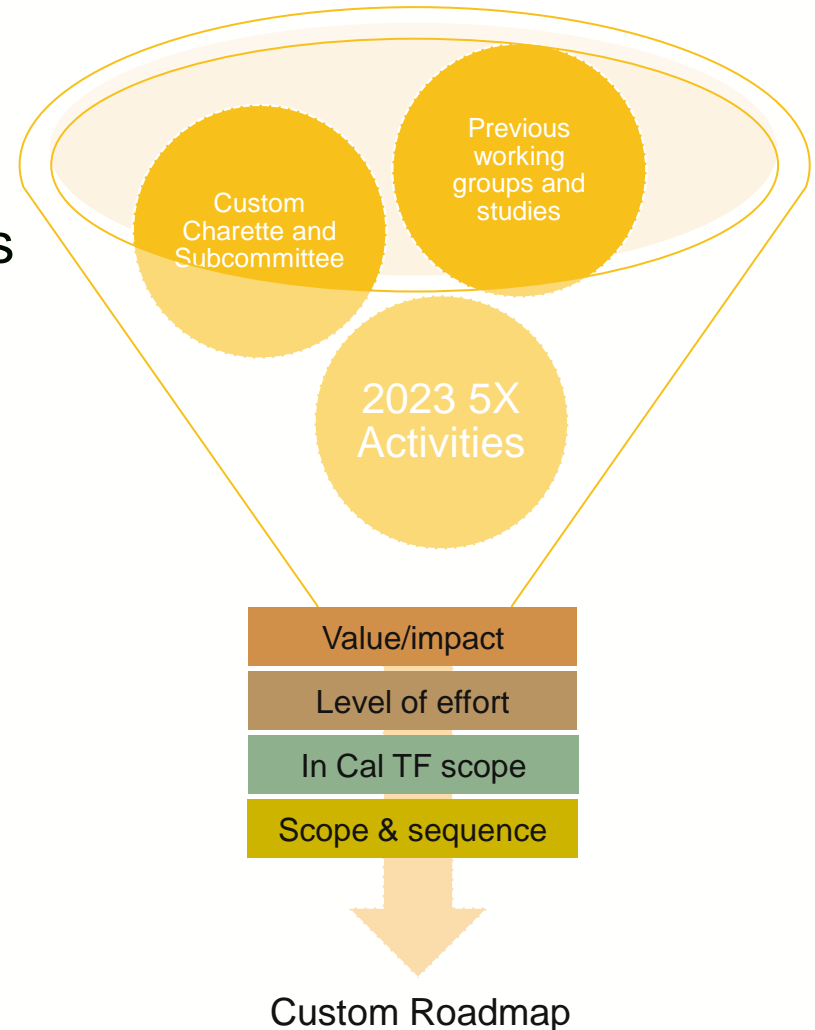
5B: Custom Roadmap

- **Objectives**
  - ❑ High-level scope, priorities, and schedule for future Cal TF activities
  - ❑ Framework for Custom Initiative tactics in the annual Business Plan

- **Deliverables**
  - ❑ Summary of characterized custom improvement goals and activities
  - ❑ Draft and Final Custom Roadmap
    - ✖ Requires PAC approval

Custom Charette and Subcommittee

Previous working groups and studies

2023 5X Activities

Value/impact

Level of effort

In Cal TF scope

Scope & sequence

Custom Roadmap

5C-1: Statewide Custom Measures (3)

- **Objective**
  - SW Custom Measures
    - Definitions
    - Eligibility
    - Savings methods
    - Data collection requirements
    - M&V requirements
    - Calculation Tools/Resources

    Custom Measure Characterization

- **Approach**
  - Custom Measure Subgroups
  - Solicit CPUC input
  - Custom Subcommittee approval
  - Cal TF affirmation
  - Solicit CPUC approval

- **Deliverables**
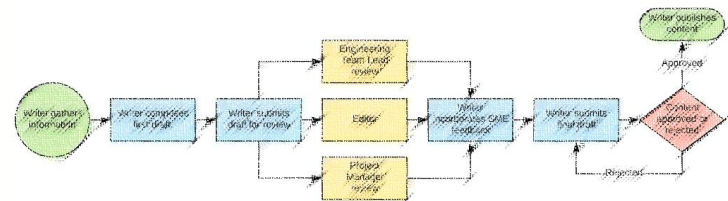 - Custom Measure Packages, presented to Custom Subcommittee for affirmation

5C-2: Custom MP Develop/Update Workflow

- **Objective**
  - Formal workflow and process for developing, reviewing, and updating SW Custom Measures and Tools

- **Approach**
  - Adapt deemed MP workflows to custom
  - Seek CPUC buy-in to provide input and review proposed SW custom measures and tools

- **Deliverables**
  - Custom Measure Package Development and Update Workflow, presented to TF for affirmation
  - Assessment of potential to implement approved workflow in eTRM
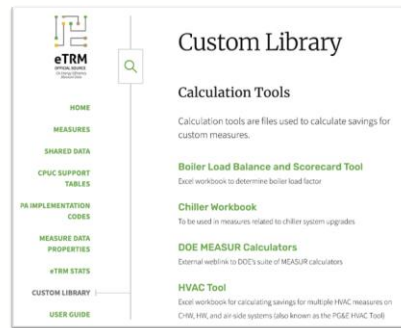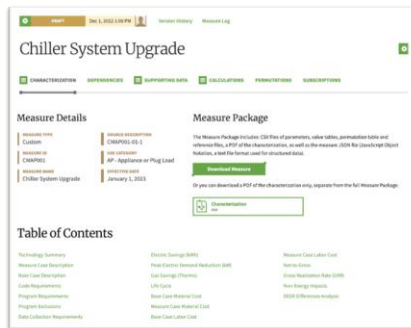
5D: Update eTRM Documentation

- Objectives:
  - ❑ eTRM documentation as needed to support custom measures and resources in the eTRM

- Deliverables:
  - ❑ eTRM Custom Measure Characterization Template
  - ❑ TBD based on 2023 Enhancements

5E: eTRM Implementation
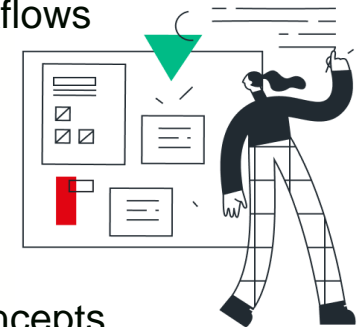
5E-1: eTRM Custom Phase 1

- **Objective**
  - Custom Measures
  - Custom Library

- **Deliverables**
  - Functional specifications and wireframes
  - Implement eTRM Custom Phase 1 (TBD)

5E-2: Additional eTRM Custom Modules

- **Objective: Leverage the eTRM for Custom**
  - Data intake
  - Calculations
  - POU tools
  - Develop custom projects
  - Project review workflows

- **Deliverables**
  - Custom module concepts
  - Custom eTRM Visioning Charette
  - Business requirements and functional specifications for select modules (TBD)

Anticipated Data Requests

Data	CPUC	IOU	POU	Implementers	Status
Non-public regulatory guidance resources	X	X			TBD
Current custom project activity data – submitted	X	TBD	X		Submitted
Past custom measure/project claims	X				Submitted
Tools used to develop custom measures	X	X	X	X	Previously requested
Data and documentation from the CAEnergyGuidance.com – in progress		SDG&E			In Progress
Selected project- or measure-specific standard practice research and determinations	X	X		X	TBD

Metric 6B

Industry Standard
Practice White Paper

- ISP White Paper Update
  - Materials on SharePoint
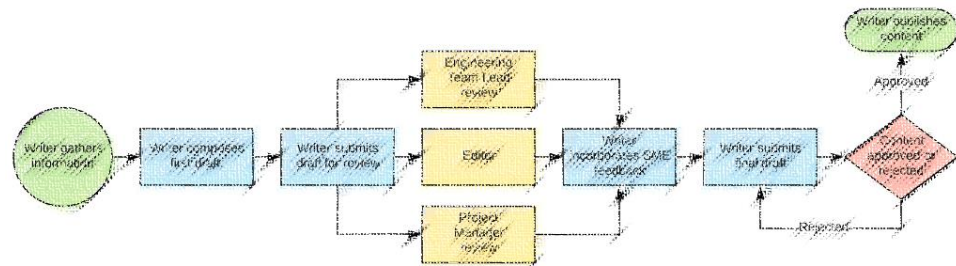 - Email arlis.reynolds@futee.biz if you need access.

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Metric 5C-1

Statewide Custom
Measure Packages

- [Steam Boiler Measure Package](#)
  - Materials on SharePoint
  - Email arlis.reynolds@futee.biz if you need access.

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Metric 5C-2

Custom Measure
Package and Tool
Development and
Update Workflow

- Objective
  - Formal workflow and process for **developing**, **reviewing**, and **updating** SW Custom Measures and Tools

- Approach
  - Adapt deemed MP workflows to custom
  - Seek CPUC buy-in to provide input and review proposed SW custom measures and tools


- Deliverables
  - Custom Measure Package Development and Update Workflow, presented to TF for affirmation
  - Assessment of potential to implement approved workflow in eTRM

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Overarching Goal

- Public library of <u>Custom Measures</u> and <u>Custom Tools</u> that are:
  - ❑ Complete, well-documented
  - ❑ Consistent
  - ❑ Meet appropriate technical rigor
  - ❑ Reliable, ideally CPUC-approved
  - ❑ Maintained up-to-date
  - ❑ Useful, **worth the effort to develop**
    - ❋ Understanding there is enough market opportunity
  - ❑ What else?
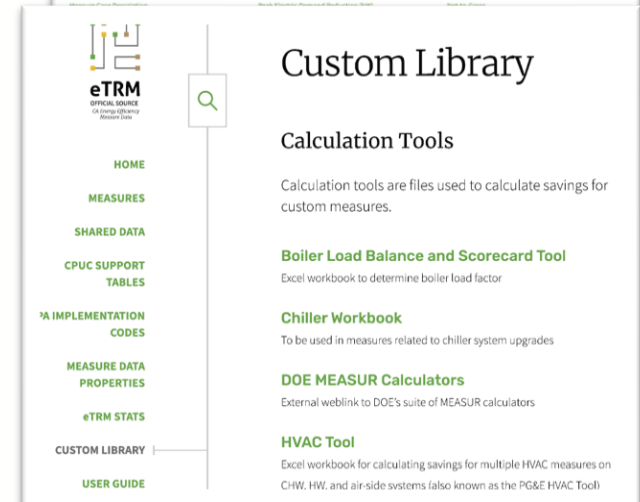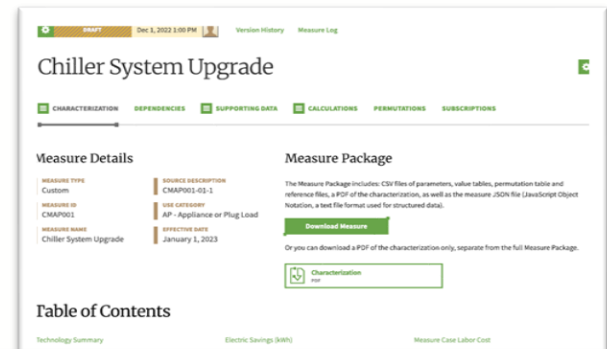
Wrap-Up & Next Steps

- **Action Items**
  - Draft custom workplan comments **due April 17**
  - Draft Steam Boiler comments **due April 19**
  - Join ISP White Paper team

- **Next time (tentative)**
  - Steam Boiler Measure Package for affirmation
  - Update on PG&E Chiller Tool
  - Custom regulatory summary and recommendations
  - Best practices for SW Measure Packages and Tools

- **Upcoming**
  - TBD – eTRM 101 for Custom
  - Ongoing – Measure Group meetings
  - 4/27 – TF Meeting (Los Angeles)
  - 5/3 – next Custom Subcommittee Meeting

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