Technical Forum Meeting



MARCH 23, 2023 REMOTE

Morning Agenda





Time (PST)	Agenda Item & Action	Discussion Leader
10:00 – 10:30 (30 min)	 Agenda Review and Quick Updates eTRM Release Updates eTRM Enhancement Charette Metric 6D Regulatory Updates 	Ayad Al-Shaikh
10:30 – 11:00 (30 min)	 ISP White Paper Refined objectives, scope, approach, schedule ISP study templates and search criteria Potential future efforts ACT: Stakeholder input on priority needs/value 	Spencer Lipp, TF Member
11:00 – 12:00 (60 min)	 Metric 5X Custom Initiative – Workplan Draft 5X Workplan 5X Activities Update Custom eTRM Module ACT: Discuss, input on draft 5X Workplan 	Arlis Reynolds
12:00 – 1:30	Lunch	n/a

Afternoon Agenda





Time (PST)	Agenda Item & Action	Discussion Leader
1:30 – 2:00 (30 min)	 Total System Benefit (TSB) Overview Why Total System Benefit High-level explanation of TSB Stakeholder Q&A 	Rob Bohn, PG&E
2:00 – 2:30 (30 min)	Metric 4A New Measure Scorecard Update ACT: Input on revised scorecard metrics and priorities	Spencer Sator
2:30 – 2:45	Break	n/a
2:45 – 4:00 (75 min)	Metric 8C Cal TF 5-Year Roadmap – Update ACT: Input on Roadmap scope, sequence, schedule	Annette Beitel



Quick Updates



- v2.5.0 Released on 3/7/2023 (Security and Measure Property Data functionality)
- v2.5.1 Release planned for week of March 27th (CET spec alignment)

eTRM Enhancement Charette

- Charette held 3/22/2023
- Results will be posted on the Cal TF website:
- o eTRM Version 2 Development Cal TF

Metric 6D Regulatory Updates

- SW Deemed Rulebook in progress (CPUC)
- Interest in a "living" Rulebook





ISP White Paper

- ISP White Paper Update
- Refined objectives, scope, approach, schedule
- ISP study templates and search criteria
- Potential future efforts





BP Metric 5X

Custom Initiative (includes all metrics in BP Goal 5)

- Draft Workplan
- Activities Update
- Custom eTRM Module

- ACT:
 - Discussion and input
 - Review draft workplan and send comments by Monday, April 10



5X Workplan





- "Custom Initiative"
- Draft Workplan will be posted on Cal TF website by Friday
- Custom Subcommittee discussion on April 5
- Send comments by April 10
- Revised 5X Workplan for affirmation at April 27 TF meeting

5X: Problem Statement





Stakeholder Challenges

- Access, understanding, and staying current policy/guidance
- Uncertainty and perceived inconsistencies in requirements
- Long time periods and high costs to complete a project
- Lost opportunities due to high cost of developing projects
- Different systems, tools, and processes across PAs

5X: Goals, Metrics, and Objectives





- Stakeholder Benefits
 - Transparency
 - Statewide consistency and standardization
 - Time savings
 - Cost savings
 - Stakeholder engagement
 - Increased participation and savings

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

5A: Gather/Organize/Prioritize





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)
- o 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

- 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

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

- 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

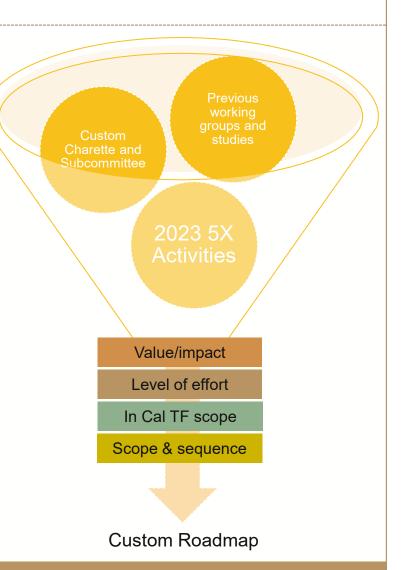




Objectives

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

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



5C: Develop/Implement SW Methods





Custom

Measure

Characterization

5C-1: Statewide Custom Measures (3)

Objective

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

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

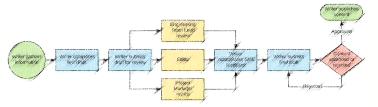
5C-2: Custom MP Develop/Update Workflow

Objective

 Formal workflow and process for <u>developing</u>, <u>reviewing</u>, and <u>updating</u> 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



- 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

- eTRM Custom Measure Characterization Template
- □ TBD based on 2023 Enhancements

5E: eTRM Implementation



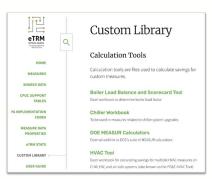


5E-1: eTRM Custom Phase 1

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



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

5X: Goals/Objectives





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	Achieve stakeholder consensus on a multi-year scope and schedule for Cal TF activities (beyond this workplan) to support the custom portfolio	
5C	 Develop statewide standard methods and tools that clarify requirements, improve consistency, and reduce time and costs for measure development Establish a formal process for development, review, and 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 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 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)

Data Requests





- Anticipated data requests include:
 - Non-public regulatory guidance resources (e.g., CMPA, IOU sources, and provided through project-specific communications)
 - Custom project activity data (i.e., aggregated biweekly upload data) for custom measures installed and in-progress
 - Custom Tool Archive (CTA) and other tools used to develop custom measures
 - Data and documentation from the CAEnergyGuidance.com resource
 - Selected project- or measure-specific standard practice research and determinations



eTRM Custom Phase 1

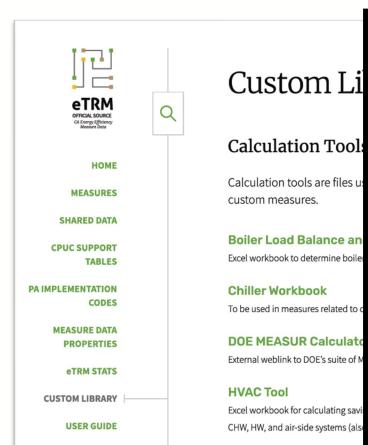
- Creates Custom Measures in the eTRM to host information on calculation methods and calculation tools for common custom measures
- Creates Custom Library in the eTRM to host calculation tools, templates, and other key statewide resources
- Does <u>not</u> include site-specific data or measure/project tracking

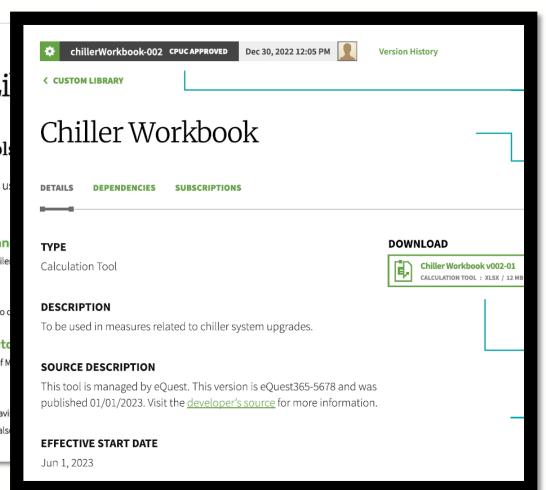


Custom Library





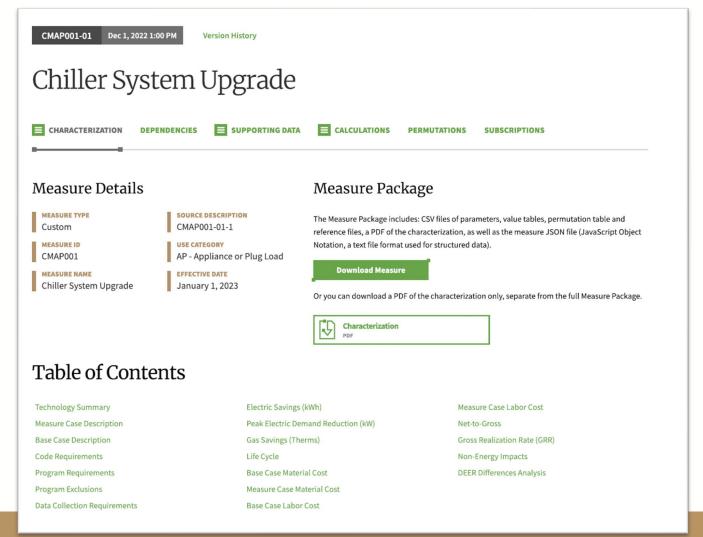




Custom Measures









LUNCH 12:00 - 1:30

24 3/22/2023



Total System Benefit (TSB) Overview

- TSB Overview by PG&E
- Why Total System Benefit
- High-level explanation of TSB
- Stakeholder Q&A





Metric 4A New Measure Scorecard Update

- Metric 4A New Measure
 Scorecard Update
- Revised scorecard
- Proposed priorities for new measure intake 2023
- Proposed top 20 initial entities to target





BREAK 2:30 - 2:45

27 3/22/2023



8A Cal TF 5-year Roadmap



- Metric 8A Cal TF Roadmap
 Update
- Roadmap Goals
- Roadmap Tactics





Closing & Next Steps

Action Items

- Review draft Custom Workplan
 - ➤ Send comments to arlis.reynolds@futee.biz
- o TBD

Upcoming Meetings

- 4/5 Custom Subcommittee
- TBD Measure Property Data
 Subcommittee
- Next TF Meeting
 - April 27, LACI Building, Los Angeles

