2023 Business Plan: Q3 Progress Update

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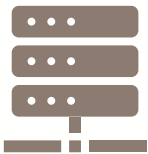
OCTOBER 2023

Contents

- Q3 Highlights

- Cal TF 2023 Business Plan (BP) Adjustments

- New Initiative: POU Measure Updating/Streamlining Project

- Appendix: Progress Update by BP Goal

2023 Business Plan Goals

Cal TF 2023 Business Plan

Goal 1: Administer software development of eTRM v2.x

Goal 2: Ongoing Implementation of Current eTRM Version

Goal 3: Manage Existing Measure Updates

Goal 4: Manage and Implement the Statewide New Measure Development Process

Goal 5: Develop POU and Statewide Custom Measures

Goal 6: Identify, Analyze, and Recommend Key Emerging Technical and Technical Policy Issues in a Statewide Consistent Way

Goal 7: Manage the Cal TF and Cal TF PAC

Goal 8: Develop and Manage the Cal TF Roadmap, Business Plan, and Budget

Q3 Highlights: Deemed/eTRM

eTRM Enhancements

TSB Values

Cover Sheet and Characterization Redlining

eTRM Measure QA/QC Process

Tools to Automate QA/QC

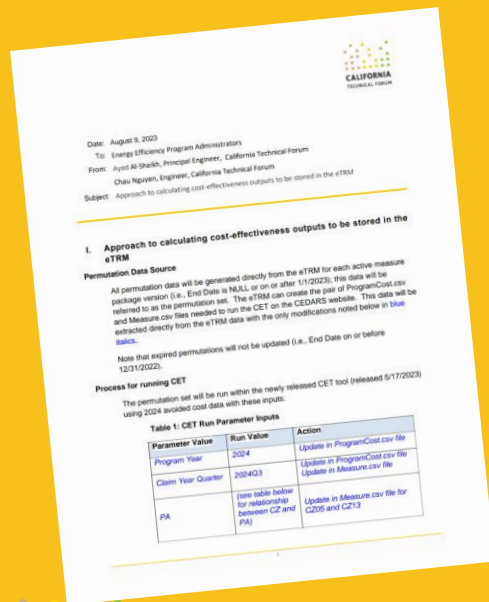Training and Materials to Empower Measure Developers to Success

Data Charette – Part 2

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Updating TSB Values in eTRM

Memo – process to calculate/populate eTRM cost effectiveness

- **Goal**
  - Consistency of TSB values in eTRM
  - Broadening of TRC/TSB from relative indicator of cost effectiveness to a tool for supporting contracts

- **Process**
  - Collaborative meeting with PAs to discuss relative trade-offs

- **Result**
  - Cost effectiveness values included in v2.7.0 release (Nov 9th)
  - Process to update annually
  - Clarity to specify details of running CET

eTRM Efficiency Enhancements - Redlining

- ## Characterization Redlining
  - ❑ Goal
    - ➤ Quickly understand the changes within the text
  - ❑ Result
    - ➤ Internal Stakeholders - Speed and focus reviews
    - ➤ External Stakeholders – understand changes visually from version to version

Text and Reference Revisions

Table updates

eTRM Enhancements – Cover Sheet

- Data Redlining and Measure Summary
  - ❑ Goals
    - ✖ Standardize and automate valuable comparisons
  - ❑ Data
    - ✖ **Percent of portfolio (and programs using it)**
    - ✖ What labels have changed
    - ✖ How much have impacts changed (%)
    - ✖ How much do changes impact TRC/TSB (%)

Total Expected Statewide Net Lifetime Savings

SAVINGS	VALUE
Year	2023
Total Electric Savings (kWh / %)	3,091,176.00 (0.0341%)
Total Gas Savings (Therm / %)	0.00 (0%)
Program Names	COM-SW-Point of Sale Food Service, Food Service POS, SW Foodservice Point of Sale Program

How much

Who

Automatically pulled from Annual Budget Filing Data (BBAL) to represent programs from all PAs.

eTRM Enhancements – Cover Sheet

- ## Data Redlining and Measure Summary
  - ❑ Goals
    - ✖ Standardize and automate valuable comparisons
  - ❑ Data
    - ✖ Percent of portfolio (and programs using it)
    - ✖ **What labels have changed**
    - ✖ How much have impacts changed (%)
    - ✖ How much do changes impact TRC/TSB (%)

Change to Attributes

Building Vintage

FIELD	CHANGES (SWFS007-03 → SWFS007-04-3)
BldgVint	Added: Ex Removed: Any
Version	Added: ExAnte2024 Removed: ExAnte2022
VersionSource	Added: IOU workpaper
TechGroup	Added: FoodService Removed: Cook_equip
PreTechGroup	Added: FoodService Removed: Cook_equip
StdTechGroup	Added: FoodService Removed: Cook_equip

Tech Groups

Quickly recognize that label changes are "administrative"

- Data Redlining and Summary
  - ❑ Goals
    - ✖ Standardize and automate valuable comparisons
  - ❑ Data
    - ✖ Percent of portfolio (and programs using it)
    - ✖ What labels have change
    - ✖ **How much have impacts changed (%)**
    - ✖ **How much do changes impact TRC/TSB (%)**

Weighted averages, with percent change

Summary of Impacts

FIELD	CURRENT VALUE (SWFS007-03)	PREVIOUS VALUE (SWFS007-02)	CHANGE FROM PREVIOUS TO CURRENT
First Baseline - Peak Electric Demand Reduction (UnitkW1stBaseline)	0.2227	0.2227	No change
First Baseline - Electric Savings (UnitkWh1stBaseline)	813.04	813.04	No change
First Baseline - Gas Savings (UnitTherm1stBaseline)	0.0000	0.0000	No change
First Baseline - Water Savings (UnitGalWater1stBaseline)	0.00	0.00	No change
First Baseline - Measure Total Cost (UnitMeaCost1stBaseline)	976.50	1,358.50	-382.00 (-28.12%)
First Baseline - Life Cycle (Life1stBaseline)	12.00	12.00	No change
Second Baseline - Peak Electric Demand Reduction (UnitkW2ndBaseline)	0.0000	0.0000	No change
Second Baseline - Electric Savings (UnitkWh2ndBaseline)	0.00	0.00	No change
Second Baseline - Gas Savings (UnitTherm2ndBaseline)	0.0000	0.0000	No change
Second Baseline - Water Savings (UnitGalWater2ndBaseline)	0.00	0.00	No change
Second Baseline - Measure Total Cost (UnitMeaCost2ndBaseline)	0.00	0.00	No change
Second Baseline - Life Cycle (Life2ndBaseline)	0.00	0.00	No change
GSIA Value (GSIA)	1.00	1.00	No change
NTG kWh (NTGRkWh)	0.60	0.60	No change
NTG Therms (NTGRTherm)	0.60	0.60	No change
Lifecycle Net kWh - FuelSub only (LifecycleNetkWh)			
TRC Ratio - No Administrative Cost (TRCRatioNoAdmin)	0.85	0.89	-0.03 (-3.61%)
Total System Benefit (TotalSystemBenefit)	476.59	449.57	27.02 (6.01%)

Cost effectiveness

Measure level values displayed; offering level available

Goals 2 & 3: Deemed Dev. & Updating

- Training, Tools and New Guidelines to Promote Quality Deemed Measures
  - ❑ 11 Trainings for Measure Developers in Q3
  - ❑ Developed Additional Training Videos – Using automated tools for Data QC
  - ❑ Measure Developed Checklist tied to Training Videos
  - ❑ NEW: Ongoing Office Hours for Additional Help
- QA/QC Now Largely Automated versus Manual
  - ❑ Excel and Python tools to automatically check
    - ✖ Data Validations – data relationships, common calculations and exclusions
    - ✖ Data Structure – variable naming, table naming and structure
    - ✖ More being added as new rules emerge (e.g., new EUL table rules)
  - ❑ Reduces QA/QC time while increasing quality

Data Charette #2

- Presented Proposed Solutions for Stakeholder Comment for Key Data Challenges Identified in Charette #1, including:
  - ❑ Developing Common Principles for Data Management
  - ❑ Improving Data Flow
  - ❑ Challenges/Solutions to Managing to new TSB metric
  - ❑ Proposal for Further Standardizing Deemed Data Requirements – Measure Property Data Project
  - ❑ Further Improvements to CEDARS, CET, eTRM
  - ❑ New Data Analytics Approaches
- Data Charette #3: Data Analytics Opportunities

Q3 Highlights: Custom

Custom Claims Analysis

Custom Tools

Custom "Hybrid" Measures

Custom Resource Library

Custom SharePoint Site

Custom Policy and Regulatory Review

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Custom Initiative (5X)

- Complete in 2023
  - TF/PAC Affirmed Custom Initiative Workplan
  - Custom Initiative SharePoint Site
  - Custom Resource Library (5A-1)
  - Custom Tools Library (5A-4)
  - Custom Measure Characterizations (5C-1)
    - Steam Boiler
  - eTRM Modules (Draft Design) for Custom Library and Custom Measures (5E-1)

- In Progress
  - Custom Measure List (5A-3)
  - Custom Roadmap (5B)
  - Custom Measure Characterizations (5C-1)
    - Chiller Systems
    - HVAC RCx
    - Pump Systems
  - Custom Measure Package and Tool Development Workflow (5C-2)
  - Scoping of eTRM Modules
  - Industry Standard Practice (ISP) White Paper (6B)
  - Custom Policy and Regulatory Review

- Broad Custom Stakeholder Engagement
  - Custom Initiative SharePoint Site
  - Custom Subcommittee
  - Custom Measure Working Groups
  - ISP Working Group
  - SW Custom Coordination Meeting
  - Monthly CPUC Custom Check-In
  - Individual stakeholder meetings

Claims Data Custom Analysis

- Review 2022 CEDARS data for 20 3P Programs

- Selected programs with expected custom design

- Analyzed metrics to see trends
  - ❑ Goals
  - ❑ Claims
  - ❑ Platform
  - ❑ Custom End Use

Program Claims to Goal

Ecology Action PG&E Com Program
- 12.3 net GWh goal
- 25% of 2024 P&G
- 97.8% deemed + custom lighting
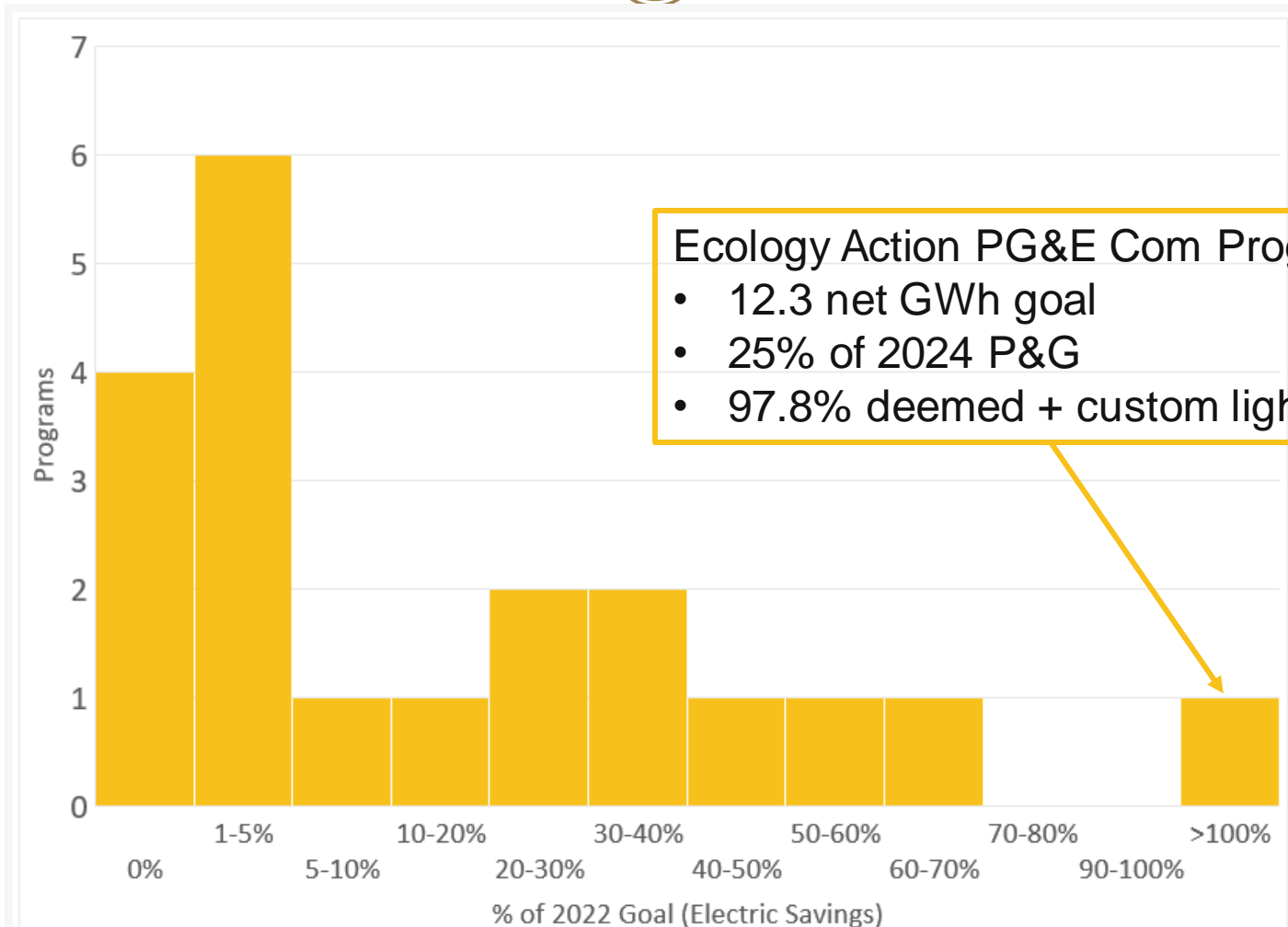
3P Programs Net Savings by Platforms

Custom, 12,371,783, 18%

NMEC, 5,154,892, 7%

Deemed, 53,423,026, 75%
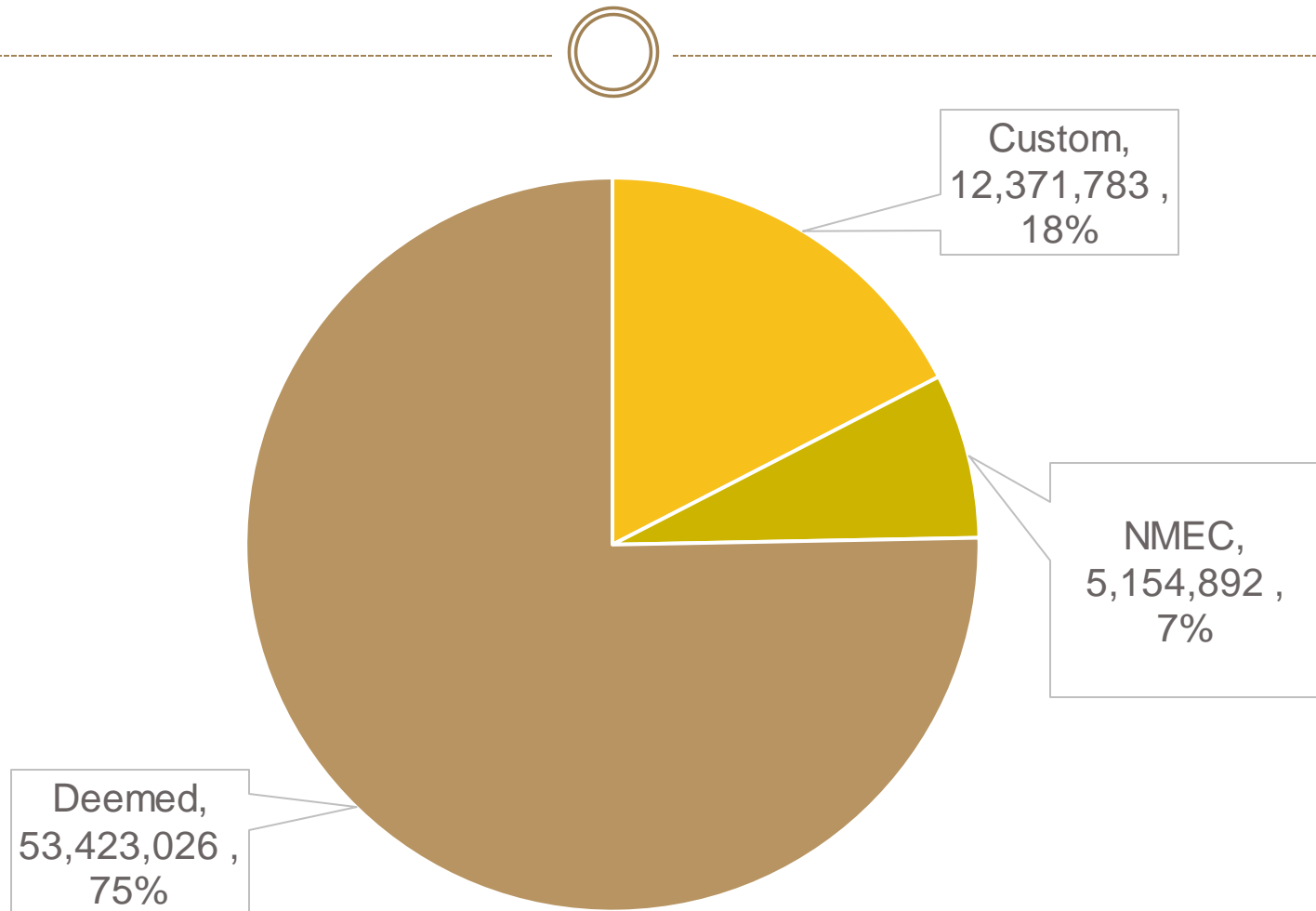
3P Programs Net Savings by End-Use

HVAC, 1,176,461, 10%

Service, 2,339,477, 19%

UPS, 172,728, 1%

Process Refrig, 460,342, 4%

Pumping, 983,117, 8%

Lighting, 7,216,341, 58%
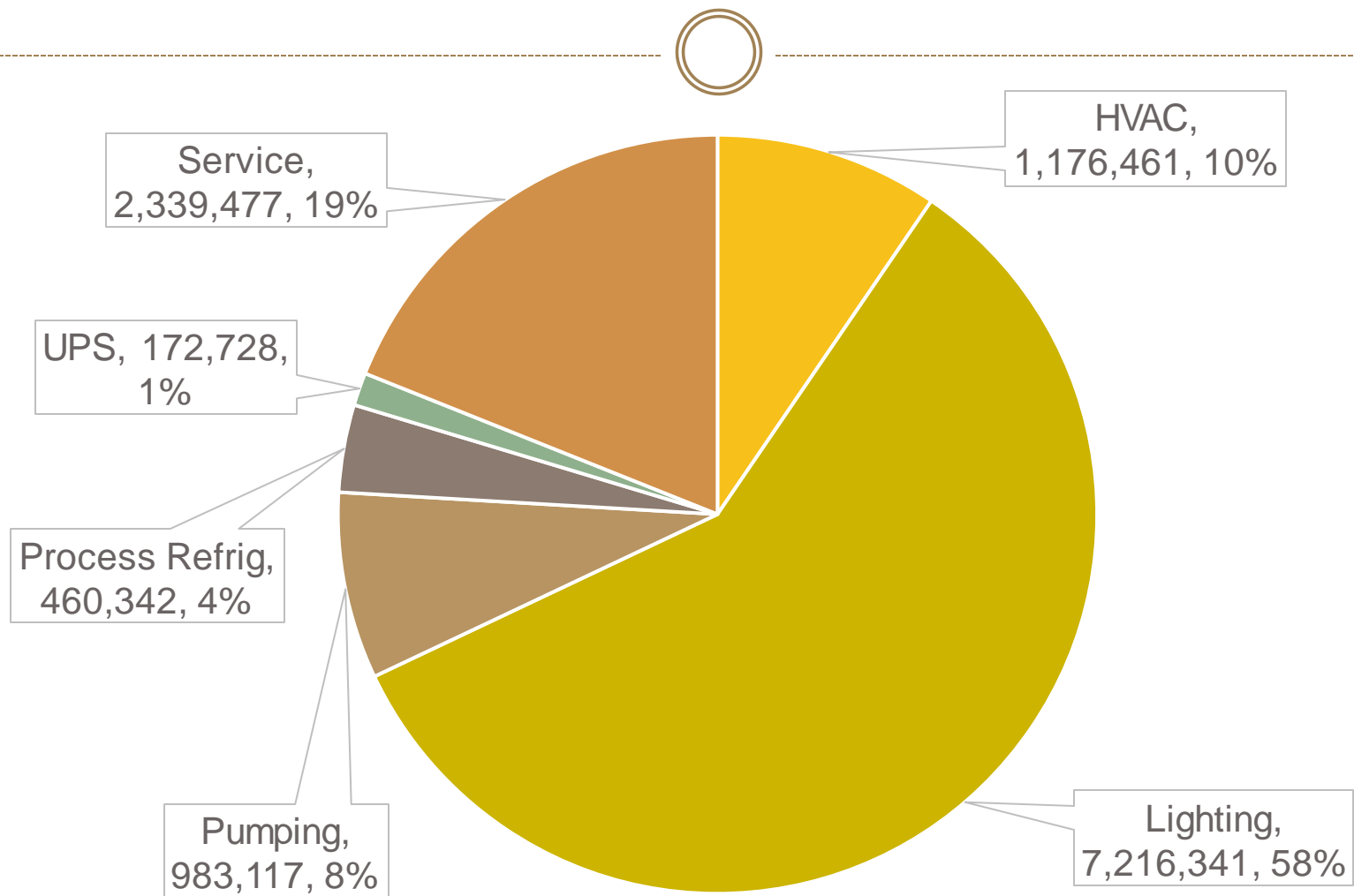
3P Program Analysis Summary

- Programs did not achieve goals

- Reliance on a single activity

- 12.3 net GWh for custom represents 17% of claimed savings

  - ❑ 5.1 net GWh of Non-lighting custom represents 7%

- Implementers are moving away from custom projects in today's environment

Metric 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 and 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.

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List of Custom Tools

- **175** tools identified
- Sources:
  - CPUC/IOU Custom Tool Archive (CTA)
  - Custom Subcommittee Tools List
  - POU Measure Workbooks
  - 2013 Customized Calculation Tool (CCT)
  - CEDARS and CPUC Custom Team input

- Initial tools assessment:
  - Unique (49) – Primary consideration for library
  - Unknown (16) – Unclear on Unique or Removed
  - Removed (47) – Assessed to not be included
    - Deemed measures
    - Obsolete/not maintained
    - Redundant with SW tool (e.g., MLC)
  - CCT (40) – Specific tool

Stakeholder Input and Response

- Prioritization of the 65 unique or unknown tools
  - ❑ **5** PAs and **6** implementers completed input workbook in addition to feedback in Subcommittee and TF meetings
  - ❑ 0-3 scale (0 = no interest, 3 = high priority)
  - ❑ 27 tools received a 3 by at least one stakeholder
  - ❑ Highest scores: MLC and NMEC-R
  - ❑ Pool Pump tool resurrected
  - ❑ CCT Tools: No tools got a high priority 3; 13 tools received a 2

Stakeholder Prioritization Library
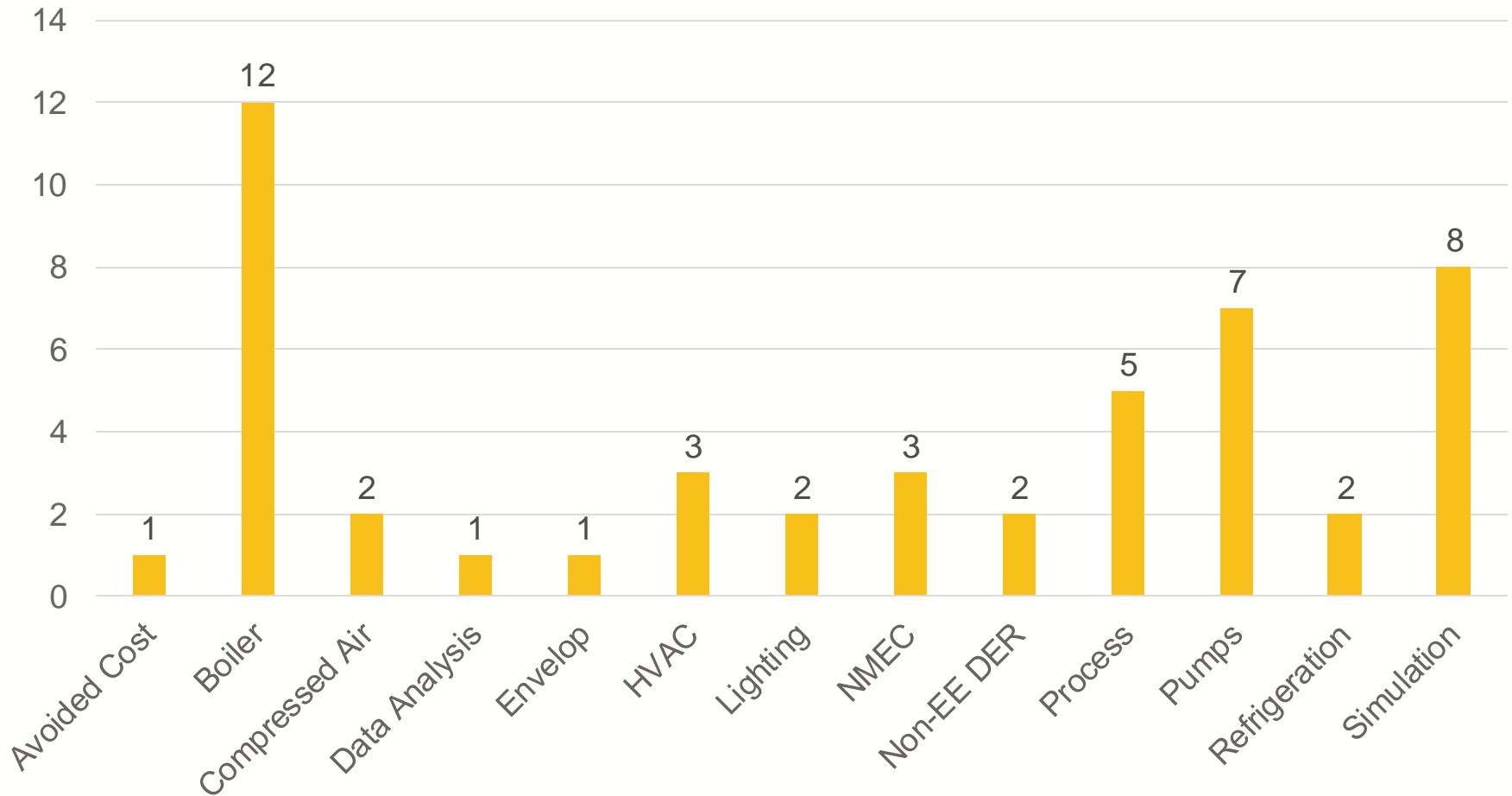
Tool Updates

- Prioritization of **49 tools for the library**
  - ❑ 26 require no Cal TF updates (14 are external to CA EE tools)
  - ❑ 8 need known updates (proposed for 2024 BP)
  - ❑ 15 need update investigation (proposed for 2024 BP)

- Building the tools library on SharePoint

Metric 5C-1

Statewide Custom Measure Packages

- **Objective**
  - SW Custom Measure Packages **(CMP)**
    - 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 input

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

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2023 Custom Measure Packages

CMC Measure	Developed CMC	TF Affirmed CMC	CPUC Review
Steam Boiler Replacement	X	X	In review
Chiller System Upgrade	X	10/26	
HVAC RCx	X	10/26	
Pump Systems	In development		
Boiler Add-On Measures	In development		

Hybrid Measure Analysis

- Reviewed 2021-2023 bimonthly CMPA upload data

- Hybrid measure groupings

  - ❑ Measure (compressed air leaks, multi vapor recompression, HVAC controls)

  - ❑ System (process refrigeration, compressed air, process cooling)

  - ❑ Activity (site NMEC, SEM, fuel substitution)

  - ❑ Subsector (data center, oil production, wastewater)

- 21 additional CMPs to cover 80+% of custom savings (potential for 2024 BP)

Prioritizing Hybrid Measures

Opportunity/Value

Program Interest

Measure Champion
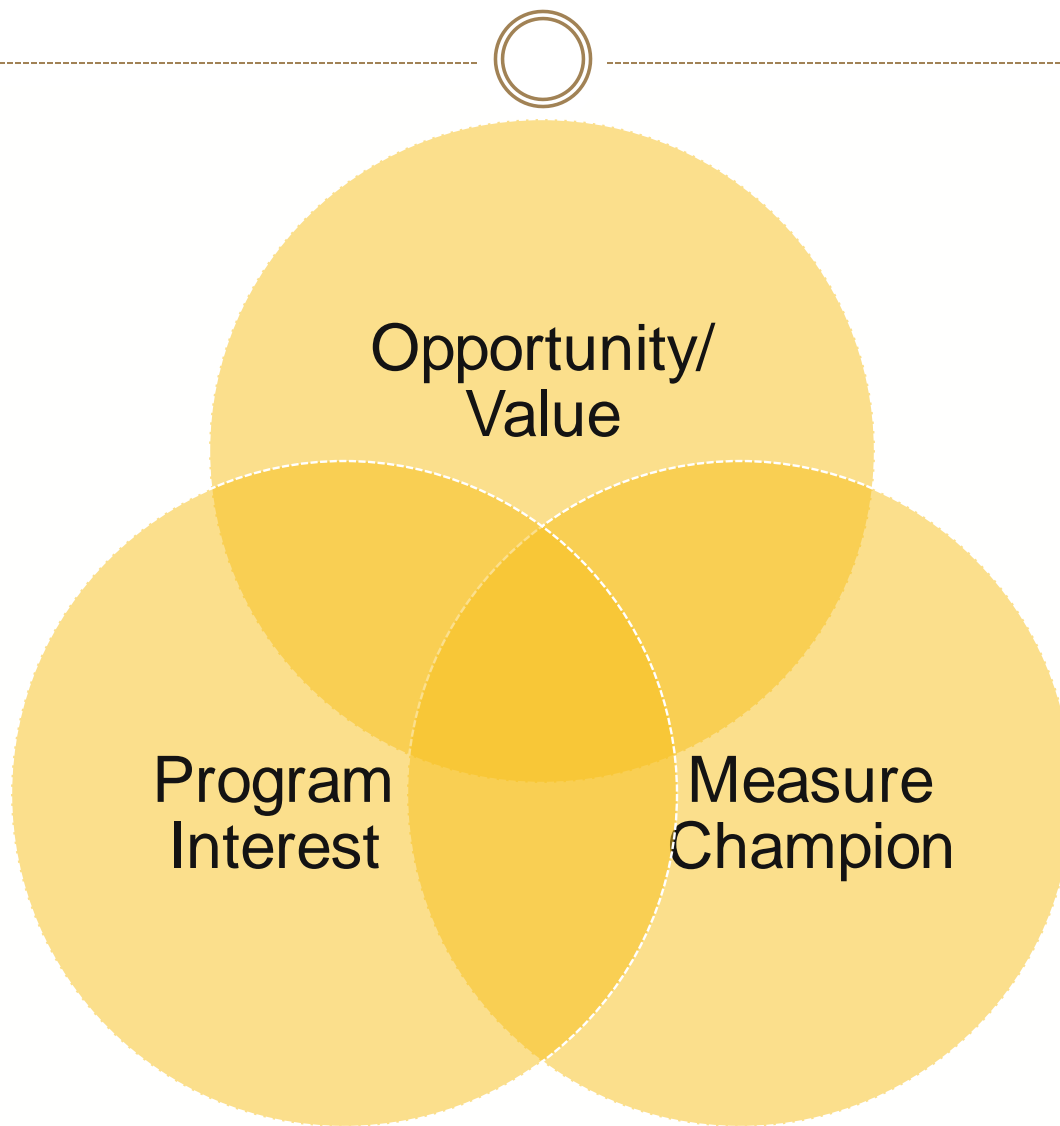
Custom Resources

Resource Types

Document Type	Includes policy or guidance	PII Flag	Public	Available
CA Legislation	Yes	n/a	Yes	Yes
CPUC Decisions and Resolutions	Yes	n/a	Yes	Yes
CPR Public Tracker	Yes	n/a	Yes	Yes
CPUC Guidance Document	Yes	n/a	Yes	Partial
CPUC Guidance Memo	Yes	n/a	Yes	Partial
CPUC Pilot Document	Yes	n/a	Yes	Partial
Market-Based ISP Study	Yes	n/a	Yes	Partial
CPR Dispositions (redacted)	Yes	n/a	Yes	Partial
PA-Specific Resources	Yes	n/a	Partial	Partial
Informal ISP Study (with CPUC Disposition)	Yes	may include PII	Partial	No
Early Opinion	Yes	may include PII	Partial	No
CPR Dispositions	Yes	may include PII	No	No
CPUC/PA Meetings; Bi-weekly meeting notes	Yes	may include PII	No	No
Deemed Documentation	Maybe	n/a	Yes	Yes
Evaluation Report	Maybe	may include PII	Partial	Partial
CPUC Ad Hoc Communication	Maybe	may include PII	No	No
CPUC Publication	No	n/a	Yes	Yes
Efficiency Savings and Performance Incentive (ESPI) Memos	No	n/a	Yes	Yes
CPUC White Paper	No	n/a	Yes	Partial
Stakeholder Working Group Materials	No	n/a	Partial	Partial
PA Memos	No	n/a	Partial	Partial
Custom Tool Archive (CTA)	No	n/a	No	No

Custom Resources

Resource Locations

Owner	Resource Location	Weblink	Descriptions	Public
CPUC	CPUC Website: Energy Efficiency	Energy Efficiency (ca.gov)	CPUC webpage with information/resources related to Energy Efficiency	Y
CPUC	CPUC Website: EE Baselines	Energy Efficiency Baselines (ca.gov)	CPUC webpage with information/resources related to appropriate Energy Efficiency baselines	Y
CPUC	CPUC Website: CPR Home Page	Custom Projects Review Home Page (ca.gov)	CPUC webpage with information about the custom programs	Y
CPUC	CPUC Website: CPR Guidance Page	Custom Projects Review Guidance Documents (ca.gov)	CPUC webpage that provides "details on the Commission's policies and procedures to be utilized in the development of ex ante values for custom projects/measures."	Y
CPUC	CPUC Website: CPR Stakeholder Engagement Page	Custom Projects Review Stakeholder Engagement Page (ca.gov)	CPUC webpage hosting agendas and meeting materials from previous Custom Stakeholder Working Groups	Y
CPUC	CEDARS > DEER Resources	DEER Resources - CEDARS (sound-data.com)	Contains information about select EE technologies and measures, CPUC-approved tools, and Ex Ante Review Memos	Y*
CPUC	Custom Measure and Project Archive (CMPA)	Non-DEER Resources (deeresources.info)	Provides upload, browsing, and download of custom project and measure data submitted by PAs and reviewed by Energy Division.	No
SDG&E	CAEnergyGuidance.com ("Disposition Database")	Home Page - CA Energy Guidance	Searchable public database contains Program Administrator redacted versions of the CPUC staff dispositions, as well as ISP studies, guidance documents, and other Custom Projects related documents.	Y
SCE	Statewide Ex Ante Review Process Streamlining Work	Statewide Ex Ante Review Process Streamlining Work - Home (sharepoint.com)	SharePoint site for Statewide Resources and Coordination	No
SCE	SCE Resources for Trade Allies	Trade Professional Resources (site.com)	PA-hosted site for vendor resources	Y
SCE	SCE SmartSheet Platform		PA-hosted site for vendor resources	No
PG&E	PG&E Wiki Site	https://pge.wiki/Main_Page	PA-hosted site for vendor resources	No
SDG&E	??			??
SCG	??			??
Other PAs	??			??
Cal TF	Custom Subcommittee SharePoint	Cal TF Custom Subcommittee - Home (sharepoint.com)	Compiled custom resources and working documents related to the Cal TF Custom Initiative	Y*

Custom Resources

Custom Resource Library

SharePoint library of materials (in progress; updated on ongoing basis)

Custom Initiative SharePoint Site

[Cal TF Custom Initiative - Home (sharepoint.com)](sharepoint.com)

Business Plan Adjustments

+ **Added Items + Rationale**

→ **Ongoing into 2024 + Rationale**

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Added Items + Rationale

- Support for Gas Decision

- Support for Cost Claims Fields

- TSB Updates

- Update to eTRM Cost Effectiveness Values

- Custom Initiative – Policy Discussions and Regulatory Review

Ongoing Into 2024 + Rationale

- **2C eTRM Governance and Operating Procedures**
  - ❑ Suggest approval is "provisional" to align with CEDARs/CET Governance

- **3C Stakeholder Communication Plan for Measure Updates**
  - ❑ Will conduct additional stakeholder surveys as part of broader stakeholder input on deemed measure development and QA/QC Outstanding Challenges

- **5A-2 Standardizing Custom Measure Nomenclature**
  - ❑ More impactful custom work for stakeholder review/focus

Ongoing Into 2024 + Rationale

- **5E Custom eTRM Modules**
  - ❑ Developed wireframes for Custom Library and Custom Measures
  - ❑ Continue as part of comprehensive eTRM Planning Process

- **6A TPP – Focused on Custom Policy**
  - ❑ Discussions and analysis not ready for broad review

- **6D Regulatory Updates**
  - ❑ Waiting for Staff to complete updates to Deemed and Custom Guidance Documents
  - ❑ Cal TF Staff Proposal to propose updates to guidelines rather than updates through dispositions

New Initiative: POU Measure Updating and Streamlining Project

- **POU Measure Updating**
  - POUs will use eTRM Measures (160) in their ESPPortfolio™ for Portfolio Planning/Design, Program Implementation, and Claims
  - FutEE will separately update a small number of POU measures that are in the POU TRM but not in the eTRM

- **POU Measure Streamlining**
  - Long of interest to many in CPUC-regulated world
  - Useful for Planning, Design, Implementation
  - Approaches may include:
    - Collapsing Measure Offerings, Key Measure Parameters, All Parameters within a Measure where savings, costs, EULs within a certain band, which may vary depending on the contribution of the measure to overall portfolio savings
  - Collapsed measures may be less useful for claims as matching claims to measure permutations is automated.

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APPENDIX A: PROGRESS UPDATE BY
BUSINESS PLAN GOAL AND METRIC

Goal 1 Metrics

Administer software development of eTRM v2.x

% Complete

1A	75%
1B	75%
1C	100%
1D	100%

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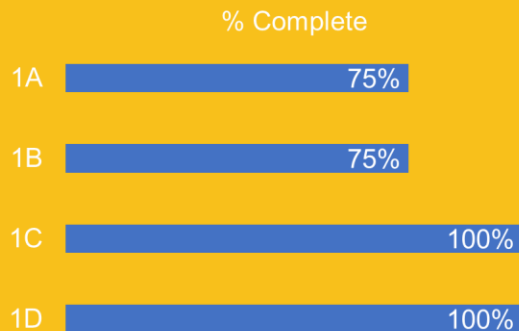
- **1A. Implement enhancements for eTRM v2.x**
  - eTRM 2.5.0 release (March)
  - eTRM 2.6.0 alignment with CET (May)
  - eTRM 2.7.0 cover sheet / redlining / data (Nov)
- **1B. Document eTRM technical guidance**
  - Performance Metrics are being tracked with each release
- **1C. Complete eTRM enhancement prioritization in 2023 Q2**
  - Compiled, organized > 200 enhancement requests from eTRM users and other stakeholders
  - March 22nd – Hosted in-person eTRM Enhancement Charette; received 25 survey responses
  - April – Cal TF meeting to socialize final enhancement list
- **1D. Socialize and Implement eTRM 2023 enhancements**
  - 2024 will begin with a comprehensive planning process, then draft release schedule will be developed
  - Socialize the Key Stakeholder meetings, Cal TF meeting and Cal TF website

Goal 2 Metrics

Ongoing Implementation of Current eTRM Version

% Complete

- 2A: 100%
- 2B: 67%
- 2C: 0%
- 2D: 75%

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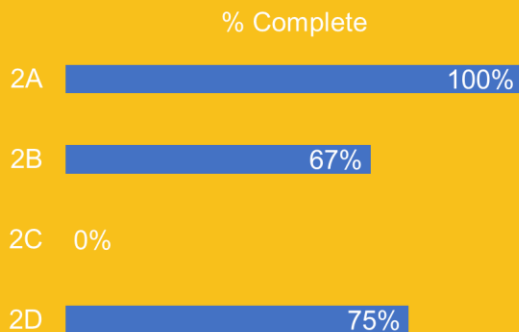
- **2A. Complete up to six (6) webinar trainings for various stakeholder user groups**
  - Measure Developer Training Plan
  - Measure Property Data Training
  - Cost fact sheet training (PAs and CPUC)
  - 11 Targeted Trainings for Measure Developers
  - POU Training on New Measures / eTRM
  - Using Excel / Python Data QC Tools
- **2B. Conduct post-training survey**
- **2C. Governance: Finalize eTRM Governance Plan with eTRM Key Stakeholders**
  - Provisional by EOY; propose coordinating with CEDARS governance
- **2D. Cal TF Staff will track Google Analytics *quarterly* to understand and track eTRM usage.**
  - Reports available upon request; not posted

Goal 3 Metrics

Manage Existing
Measure Updates

% Complete

3A	75%
3B	75%
3C	67%

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- 3A. Track and report metrics for existing measure updates
  - 48 measure packages completed
  - 63 measure packages in process
  - Tracking of hours is not currently reliable
  - Status report tracking planned through enhancement
- 3B. Coordinate monthly statewide meetings on new/updated measures for the Statewide Deemed Measure List
  - Monthly reports on website
  - Proposed enhancement to automate report
  - iFrame on Cal TF Website for MP updates
- 3C. Develop a Stakeholder Communication Plan and Versioning Rules for Measure Package Updates
  - TF affirmed 3C Workplan on 2/23
  - Stakeholder outreach/engagement

Goal 4 Metrics

Manage and Implement the Statewide New Measure Development Process

% Complete

4A	75%
4B	75%

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- 4A. Develop and Implement Measure Identification Strategy
  - TF affirmed <u>4A Workplan</u> on 2/23
  - Developed new measure scorecard; adapted to TSB based on stakeholder input
  - Identified 20 organizations for initial outreach
  - Gap analysis from other TRMs supported new exempt measure process
  - Pull Strategy: Coordination with CalNEXT and GET to support MFm REN programs
- 4B. Track and Report Metrics for New Measure Process
  - Analysis of time to approve measures
  - Measures evaluated – 27 (started in 2023)
  - Measures passed – 27 (some from 2022)

Goal 5 Metrics

Custom Initiative

% Complete

5A	75%
5B	75%
5C	90%
5D	100%
5E	75%
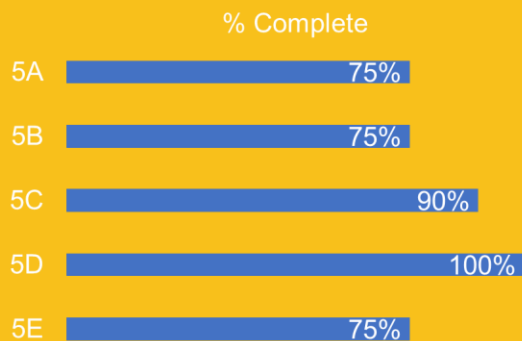
- Custom Initiative
  - TF Affirmed Custom Initiative Workplan 4/27
  - PAC Affirmed TPP Topic: Custom Initiative on 4/28
- 5A. Gather, organize, and prioritize existing custom guidelines, tools, and resources being used by POUs, IOUs, and implementers
  - 5A-1: Custom Resource, Inventory, Assessment, and Library
  - 5A-2: Developing updated Custom Measure Code list (moved to 2024)
  - 5A-3: Custom Measure Assessment – potential for standardized/hybrid measures
  - 5A-4: Custom Tool Inventory and Assessment
- 5B. Finalize High-Level Custom Roadmap
  - Working list of challenges and improvement recommendations
  - Draft Roadmap for Custom Initiative (for PAC Review)
- 5C. Develop and implement statewide methods for at least three (3) custom measures
  - 5C-1: Custom Measure Characterizations for:
    - Steam Boilers – affirmed by TF in July
    - Chiller System Upgrade – for TF affirmation 10/26
    - HVAC Retrocommissioning – for TF affirmation 10/26
    - Pump Systems – in development
    - Boiler Add-On Equipment – in development
  - 5C-2: Custom Measure Characterization Workflow
- 5D. Update eTRM documentation (ongoing, as needed)
  - Custom Measure Characterization Template
- 5E. Implement select POU and statewide tools/calculators in the eTRM
  - 5E-1: Developed wireframes and functional specifications for eTRM Custom Library and eTRM Custom Measures
  - 5E-2: eTRM Custom Modules (moved to 2024)

- Added
  - Custom Policy Discussions and Regulatory Review

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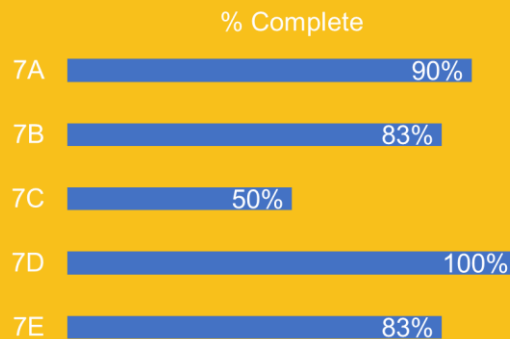
Goal 6 Metrics

Identify, Analyze, and Recommend Key Emerging Technical and Technical Policy Issues in a Statewide Consistent Way

- **6A. Develop at least one TPP**
  - Discussed/deferred TPP on data integration
  - Affirmed topic: Custom Initiative
  - Draft Custom Policy TPP to memorialize background, key policy issues and proposed solutions – Keep at PAC level.
- **6B. Develop at least one white paper**
  - Industry Standard Practice (ISP) White Paper
    - Completed data collection and stakeholder survey
    - Discussing key findings and recommendations
    - Drafting White Paper
- **6C. Review and update existing Cal TF documentation, as needed**
  - Cal TF documents updated, archived as part of SharePoint Transition project
- **6D. Provide relevant regulatory updates to support Cal TF membership in staying informed with regulatory requirements**
  - Coordinating with CPUC; scoping eTRM "living rulebook" concept
  - Paused pending CPUC Staff release of Custom Guidelines and Deemed Rulebook

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Goal 7 Metrics

Manage the Cal TF and Cal TF PAC

% Complete

|	
7A	90%
7B	83%
7C	50%
7D	100%
7E	83%

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- 7A. Conduct at least ten TF meetings
  - Ongoing
  - Includes Data Charrette #1 and #2
- 7B. Conduct subcommittee meetings
  - Deemed Measure Property Data Subcommittee
  - Custom Subcommittee
  - ISP White Paper Working Groups
  - Custom Measure Working Groups
- 7C. Review and Discuss Cal TF Governance Model, current practice
  - In progress
- 7D. Conduct four PAC meetings; ad hoc meetings as needed
  - 4 meetings complete through October
  - Nov and Dec meetings to finalize BP and Roadmap, address governance, and provide EOY summary
- 7E. Maintain Cal TF website and update and post all materials
  - Ongoing

Goal 8 Metrics

Develop and Manage the Cal TF Roadmap, Business Plan, and Budget

% Complete

8A	75%
8B	75%
8C	100%
8D	75%

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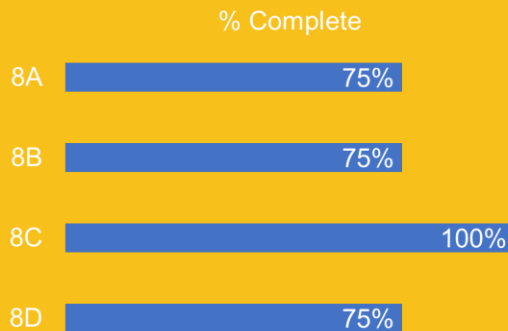
- **8A. Develop 5-year Roadmap**
  - ○ Draft Roadmap presented to PAC in June; updates for discussion in October meeting; Final in December for PAC Affirmation.
- **8B. Develop and finalize the 2024 Cal TF BP and budget**
  - ○ Draft 2024 Business Plan presented to PAC in June; updates for discussion in October meeting; Final in December for affirmation.
- **8C. Develop workplans for projects for projects or initiatives as required in the BP**
  - ○ PAC and TF affirmed Workplan Procedure and Workplan Template
  - ○ TF affirmed **4** workplans
    - ✕ 3C Stakeholder Communication Plan and Versioning Rules for Measure Package Updates
    - ✕ 4A New Measure Identification Strategy
    - ✕ 6D Regulatory Updates to Support Cal TF Membership
    - ✕ 5X Custom Initiative Workplan
- **8D. Provide quarterly status updates to the PAC on business plan and budgets**
  - ○ 2022 BP Annual Report
  - ○ 2023 BP, Q1 Progress Update
  - ○ 2023 BP, Q2 Progress Update
  - ○ 2023 BP, Q3 Progress Update