

# Technical Forum New Member Orientation



**CALIFORNIA**  
TECHNICAL FORUM

**ARLIS REYNOLDS**  
**AYAD AL-SHAIKH**  
**JULY 25, 2022**

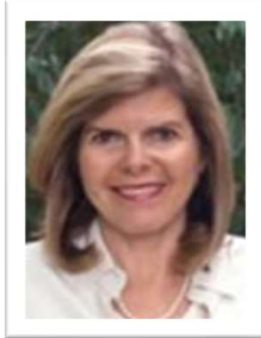
# Agenda

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- Welcome and Introductions – 20 mins
- About Cal TF – 8 mins
- The Technical Forum & Key Initiatives – 7 mins
- Prep for July TF Meeting – 10 mins
- Open Q&A – 10 mins
  
- **We are recording this meeting for future reference.**

# Cal TF Staff

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**Annette Beitel**  
Chicago, IL



**Ayad Al-Shaikh**  
Half Moon Bay, CA



**Arlis Reynolds**  
Costa Mesa, CA



**Tomas Torres-Garcia**  
San Bernardino, CA



**Chau Nguyen**  
San Jose, CA

# New TF Members

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Name	Organization
Adan Rosillo*	PG&E
Anders Danryd*	SCG
Andres Fergadiotti	SCE
Arash Kialashaki	PG&E
Briana Rogers	AESC
David Chan	Enovity
Denis Livchak	Synergy Energy
Jay Bhakta*	SCE
Kristin Heinemeier	Frontier Energy
Lake Casco	TRC
Myrna Dayan	Cascade
Roger Baker	Independent Consultant

\* Replacing departing IOU TF member

## Self-introduction:

Name

Where you live

Where you work

If you were an EE  
measure, which  
would you be?

New members are on the TF Member Webpage: <http://www.caltf.org/tf-members>

# Vision and Mission

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## Vision

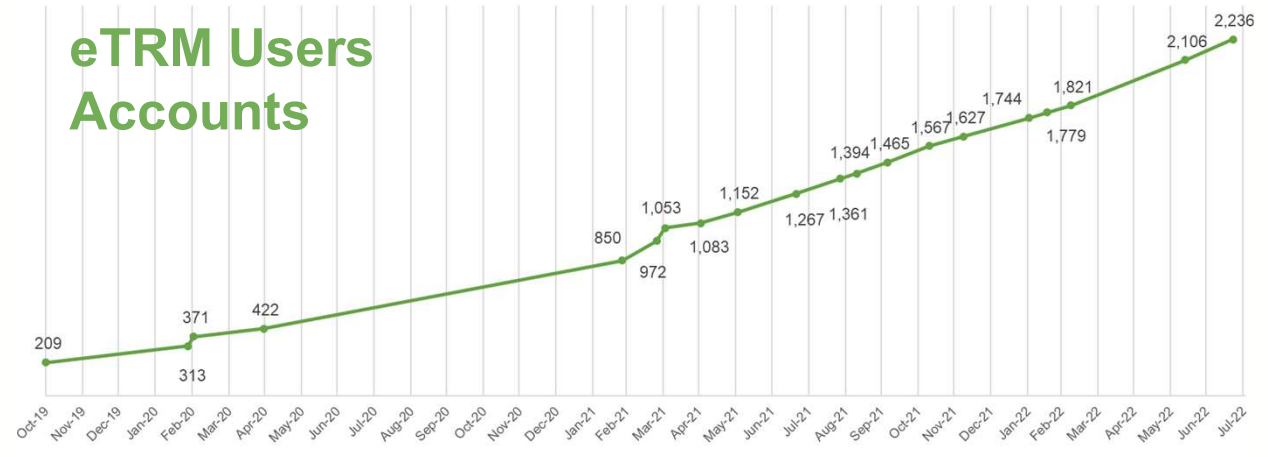
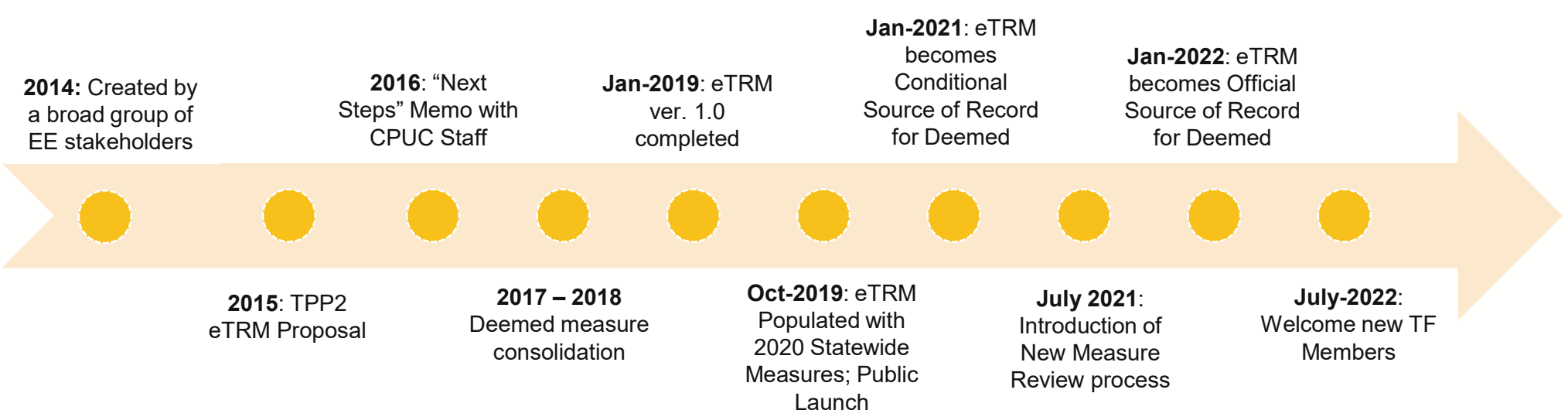
- A respected source of California EE savings estimates and other technical information related to California's integrated demand-side management (IDSM) portfolio.

## Mission

- To support the growth and success of EE and IDSM through a technically **rigorous, independent, transparent** peer review of California EE values and other related technical information.

# Key Milestones

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# Cal TF Website

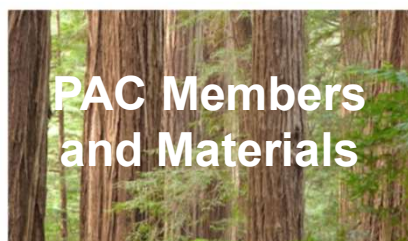
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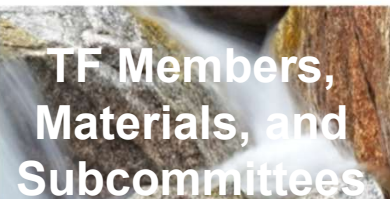
Cal TF Website  
WHAT WE DO  
[www.caltf.org](http://www.caltf.org)



Business  
Plans  
TOOLS, TEMPLATES & GUIDELINES



PAC Members  
and Materials



TF Members,  
Materials, and  
Subcommittees



Calendar



eTRM  
THE CA ELECTRONIC TECHNICAL  
REFERENCE MANUAL (eTRM)  
[www.caetrm.com](http://www.caetrm.com)



Tools,  
Templates, and  
Guidelines



Submit a  
Measure  
SUBMIT A MEASURE



Statewide  
Measures

Information, resources, and links at <http://www.caltf.org>



# Cal TF Organization

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## Policy Advisory Committee (PAC)

- Statewide EE stakeholders
- Sets strategic direction for Cal TF
- Sets vision, mission, and guiding principles
- Approves annual business plan and reviews progress
- Approves TF Members

## Technical Forum (TF)

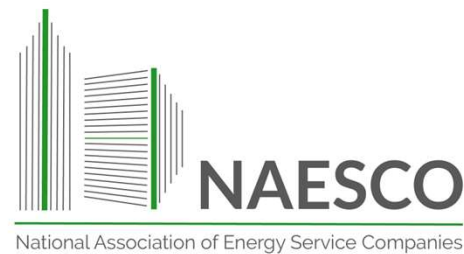
- Independent subject matter experts
- Peer reviews methodologies, data, assumptions, and values
- Renders technical judgements
- Hosts subject or task-specific committees and subcommittees
- Meetings are public

## Cal TF Administrator (Cal TF Staff)

- Facilitates an open, transparent technical review process
- Develop some technical work products for Cal TF affirmation
- Maintains a website of Cal TF materials and TF recommendations

# Policy Advisory Committee

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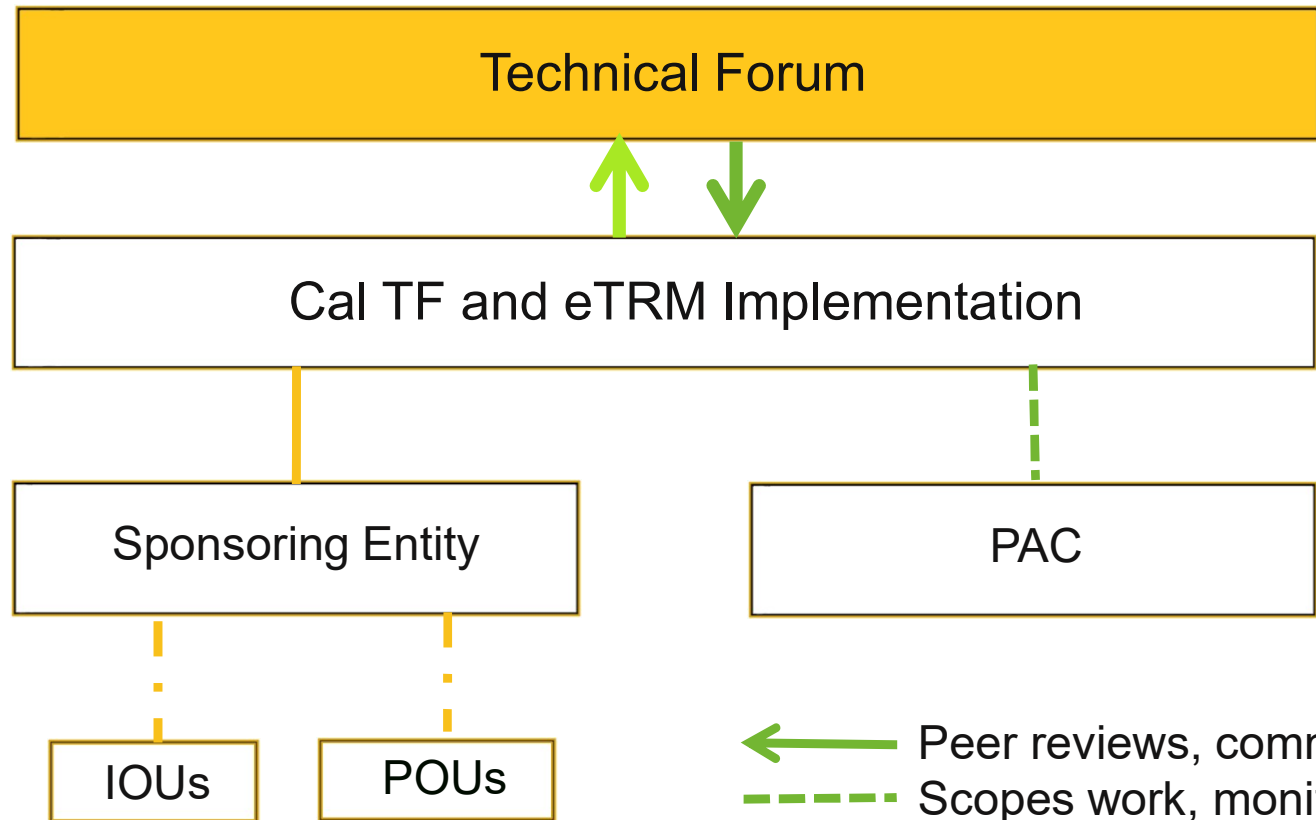







PAC Member Webpage: <http://www.caltf.org/pac-members>

# Cal TF Operating Structure

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The collaborative supports the technical experts



-  Peer reviews, comments
-  Scopes work, monitors
-  Facilitates, supports
-  Administrator Contract
-  Co-funding Agreements

# Technical Forum

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- A group of technical experts that works in a **collaborative** and **transparent** way to review new and updated **EE measures** and other technical information related to California's IDSM portfolio.
- Render **technical judgments** on matters set forth in approved business plan.
- Relies on **consensus-based** decision making
- Members act as **independent experts** and do not represent their organizations
- Members are **ambassadors** for the TF

# TF Members (2022-2023)

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- **36** total members
  - 12 new members
  - 24 returning members
- **Highly qualified new members**
  - **18 years** average years of experience in EE
  - **10 years** average years of experience with collaboratives
  - **10** professional engineers
- TF Member Webpage
  - <http://www.caltf.org/tf-members>

# TF Member Responsibilities

- Abide by:
  - Cal TF Code of Independence
  - Cal TF Code of Conduct
- Attend Monthly TF meetings
  - Advance review of meeting materials
  - Full & active participation in TF meetings
- Participate on @least 1 subcommittee
- Peer review of @least 1 workpaper, TPP, or equivalent

# Current Key Initiatives

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## eTRM

Enhancements for  
eTRM v2.x

eTRM technical  
guidance

Socialize eTRM 2022  
enhancements

eTRM governance  
plan

## Existing Measure Updates

Measure  
management

Metrics for existing  
measure updates

Monthly meetings for  
Statewide Deemed  
Measure List

## New Measure Development Process

Measure Identification

Measure Screening  
Committee

New Measure Cal TF  
Affirmation Approach

## Custom

Develop statewide  
tools for select  
custom measures

Identify required  
eTRM enhancements  
for custom integration

Examine other eTRM  
Custom Solutions

# July 27 TF Meeting

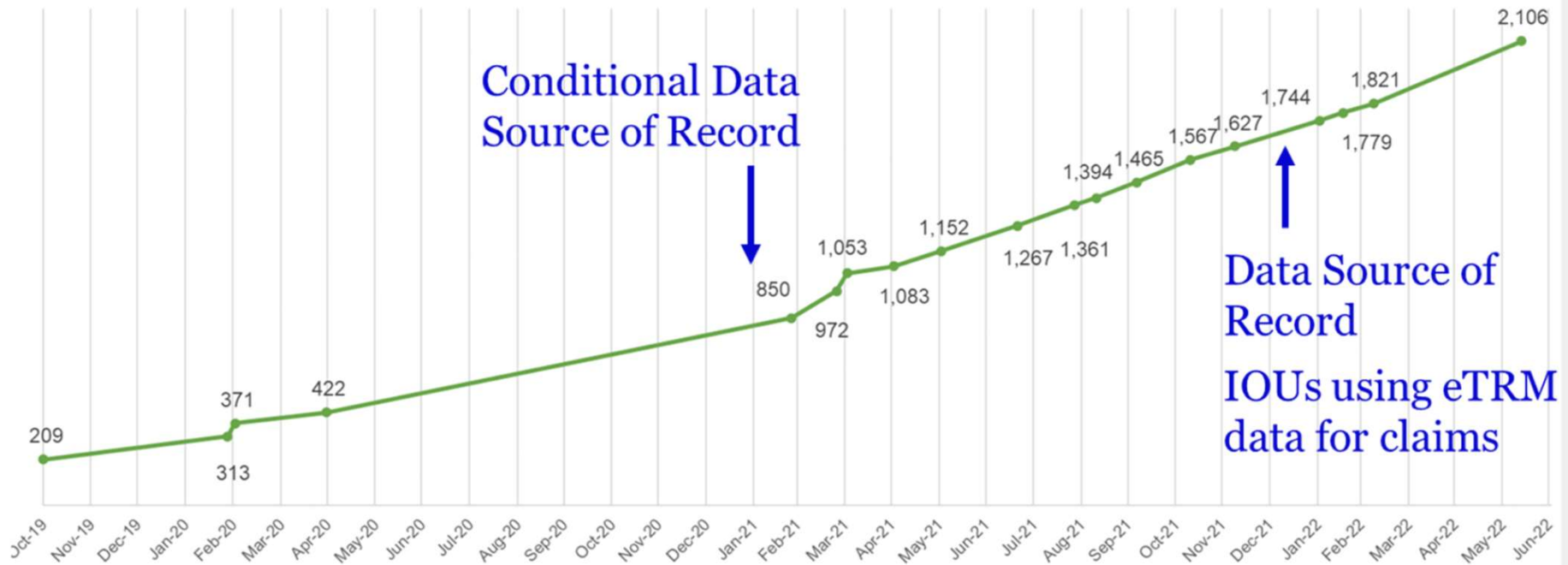
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- **Part 1 (9:30 a.m. – 11 a.m.)**
  - New Member Introductions
  - Existing Measure Updates
  - New eTRM Tools Available
- **Part 2 (1 p.m. – 2:30 p.m.)**
  - Custom – Overview and Subcommittee Starting
  - New Measure Process – List and Affirmation Process
- Meeting materials
  - <http://www.caltf.org/tf-meeting-materials>



# eTRM Update

## Total eTRM User Accounts



### Phase 2 (cont.)

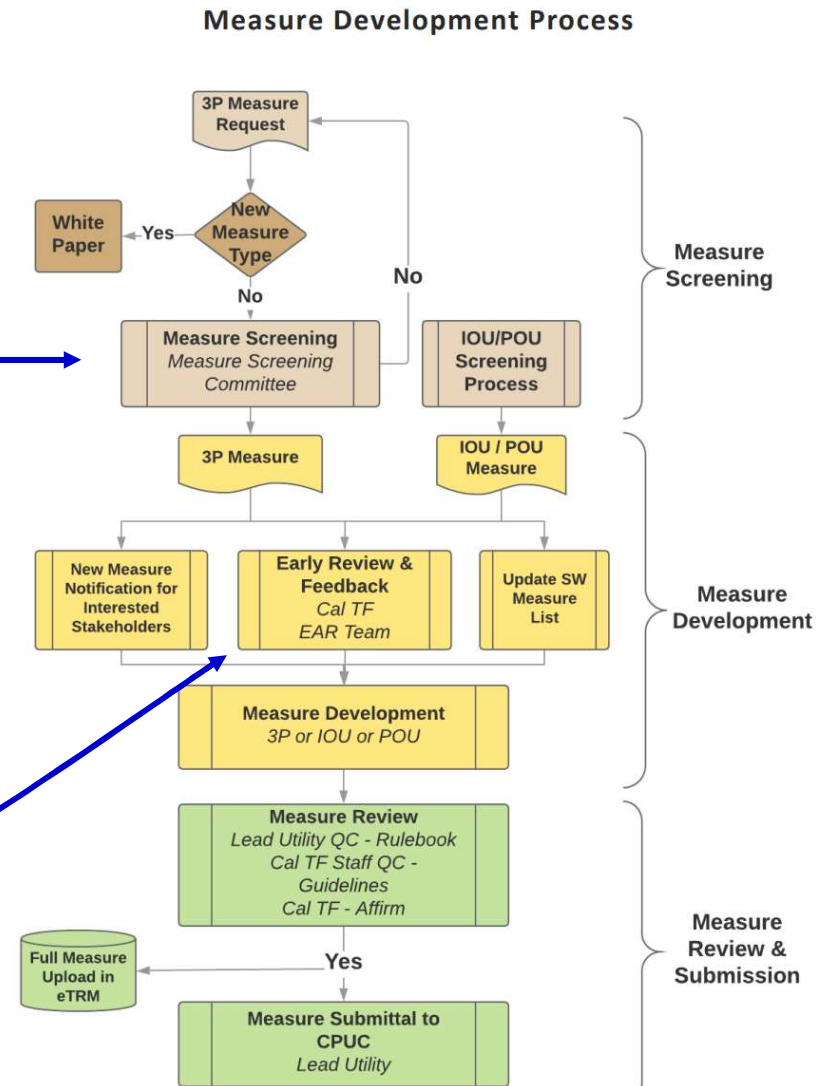
2022

	Monday is	Apr-11	Apr-18	Apr-25	May-2	May-9	May-16	May-23	May-30	Jun-6	Jun-13	Jun-20	Jun-27	Jul-4	Jul-11	Jul-18	Jul-25	Aug-1	Aug-8	Aug-15	Aug-22	Aug-29	Sep-5	Sep-12	Sep-19	Sep-26	Oct-3	Oct-10	Oct-17	Oct-24	Oct-31
Development		S13					S14			Extra Hours		Mini sprint							S15				S16			Extra Hours					
Stakeholder demo																															
Integration testing (OMBU)																															
Release acceptance																															
Production launch																															

# New Measure Development Process

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- Measure Screening Committee voting members are appointed by organization leads
- New measures under development will be brought to Cal TF Members\* for input and affirmation
  - Affirmation votes are consensus driven where we ask for those “for” and “against”



(see TPP-11 for details of process)

# Leveraging the eTRM for Custom

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## Improvement Opportunity Areas

Overarching

Workflow Process

Project Submittal Quality

## Benefits

Cost Savings

Time Savings

Transparency

Standardization

Stakeholder Engagement &  
Customer Experience

## Outcomes

Reduced stakeholder  
frustration

Better project quality

Reduced time/cost for  
ex ante and ex post  
reviewers

Higher/broader  
implementer  
participation

Higher program  
throughput and  
savings

Custom eTRM Memo on website: <http://www.caltf.org/tf-meeting-materials>

# Custom Next Steps

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- Engineering
  - Collect custom tools/data requirements
  - Review/standardize through Cal TF subcommittees
- eTRM Updates
  - Refine enhancements to eTRM so custom tools can be uploaded, and later possibly customer projects
- Ongoing Stakeholder Input
  - Continue to solicit input/comment from key stakeholders to develop/refine potential eTRM Custom Solutions

*What tools do you have that can be recommended for Statewide Semi-Deemed measures?*

# TF Meeting Schedule

Date	Location
July 27, 2022	Online webinar / teleconference
August 25, 2022	Online webinar / teleconference
September 22, 2022	Online webinar / teleconference
October 27, 2022	Online webinar / teleconference
November 17, 2022	Online webinar / teleconference
December 15, 2022	Online webinar / teleconference

# Thank you!

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- Your contribution as TF members will help shape the California clean energy industry to be more **technically robust, transparent & collaborative.**
- Contact us anytime with questions/suggestions:

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