

November 2018 PAC Meeting



ANNETTE BEITEL

Agenda

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- Introductions & Overview
- 2018 Goals Progress
- Proposed 2019 Business Plan
 - ACT: PAC members to provide comment on proposed plan
- Closing

2018 Business Plan Goals

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1. Seek PAC Consensus then Regulatory Review of draft **Statewide New Measure Development and Review Process**
2. Fulfill CPUC directives to Cal TF for **Low-Income Measures**
3. Facilitate Statewide Coordination of IOU and POU **Measure Updates, Revisions, and Additions**
4. Administer **Electronic TRM (eTRM) Development**
5. Complete **Measure Consolidation**
6. Develop and Execute Path for **Regulatory Approval of the eTRM**
7. Develop **Crosscutting Technical Position Papers** related to Business Plan Objectives
8. Update the Cal TF **Operations Manual**; Develop Cal TF **Charter**
9. Release **RFQ for Technical Forum Members** (if needed)
10. Develop 2019 Cal TF **Business Plan**

Goal 1: Statewide New Measure Development & Review Process



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- Seek PAC Consensus (to the extent possible) then Regulatory Review (if necessary for implementation) of draft **Statewide New Measure Development and Review Process** developed through the TF in 2017.
 - Complete by Q2 pending PAC input
- Goal Progress:
 - Cal TF staff modified to focus on 3P WP only.
 - Presented at the September Cal TF meeting
 - Circulated to IOU Staff for review
 - Plan not to proceed until IOU, POU, CPUC Staff, and new EAR Team consensus on approach.

Goal 2: Low Income Measures

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- Fulfill CPUC directives to Cal TF for **Low-Income Measures** (D.16-11-022, p. 398)
- Goal Progress:
 - IOU EM&V teams manage evaluation each program cycle
 - Presentation to Cal TF:
 - ✦ ESA evaluation methods and the current use of evaluation results to establish deemed measures for the low-income program
 - ✦ To recruit low-income subcommittee members
 - Likely outcome of the Cal TF Low-income Subcommittee in 2019: a TPP with a recommendation to CPUC ED on how to address deemed measures within the low-income program.

Goal 3: Coordination of Measure Updates

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- **Facilitate Statewide Coordination** of IOU and POU Measure Updates, Revisions, and Additions
 - ❑ Coordinate monthly review and updates to statewide measure list.
 - ❑ Post updated list on Cal TF website monthly.
- **Goal Progress:**
 - ❑ Provided the monthly report for update to IOU and POU measure developers on the first Monday of each month
 - ❑ Hosted a monthly meeting to review and discuss all posted updates with designated leads from the CA IOUs and POUs
 - ❑ PG&E utilized the output from the reports and the feedback from the monthly meetings to develop the required Phase 2 report
 - ✦ Phase 2 report submitted to the Work Paper Archive (WPA) at the CPUC each month
 - ❑ All Phase 2 monthly reports housed on the SCE Energy Management Online Application website

Goal 4: eTRM Development

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- Administer **Electronic TRM (eTRM) Development.**
- eTRM Phase 1 Development complete
 - no later than seven (7) months after eTRM contract execution
- First 75 Measures entered into eTRM
 - seven (7) months after eTRM contract execution
- eTRM testing and acceptance for Phase 1
 - eight (8) months after eTRM contract execution
- eTRM Phase 2 development
 - ten (10) months after eTRM contract execution
- eTRM testing and acceptance for Phase 2
 - eleven (11) months after eTRM contract execution
- **eTRM training**
 - three (3) in Northern California, three (3) in Southern California
 - twelve (12) months after eTRM contract execution
- Documentation (Draft for Comment)
 - Data Dictionary – three (3) months after eTRM contract execution.
 - **User Guide – seven (7) months after eTRM contract execution.**
 - **System Administrator Guide – ten (10) months after eTRM contract execution.**

“This is going to make our lives a lot easier” ~ CPUC Staff

Goal 5: Measure Consolidation

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- **Complete Measure Consolidation**

- ❑ Q1: 15 measures consolidated
- ❑ Q2: 25 measures consolidated
- ❑ Q3: 55 measures consolidated
- ❑ Q4: up to 55 measures consolidated

- **Goal Progress:**

- ❑ Q1: 15 measures by end of March
- ❑ Q2: 25 measures by end of June
- ❑ Q3: 32 measures by end of September
 - ✦ NOTE: Completed measures that IOUs had ready for consolidation.
- ❑ Remaining and future work

Goal 6: Regulatory Approval of eTRM

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- Develop and Execute **Path for Regulatory Approval of the eTRM.**
 - Develop regulatory path for CPUC approval of the eTRM (Q1 2018).
 - Work with PAC and TF members to execute regulatory path for approval of the eTRM. (Ongoing through 2018)
- Goal Progress:
 - March: Developed regulatory strategy, motion seeking eTRM as database of record, & communications plan
 - April: Presented to PAC
 - May: Commenced outreach on eTRM & regulatory path
 - July 9: ALJ Scoping memo for the remainder of current EE proceeding
 - ✦ Cal TF & DEER not included
 - ED staff has indicated that they don't have bandwidth to consider any additional items until early 2019
- Current Plan
 - CPUC Staff perspective
 - Is regulatory approval needed to use eTRM?
 - 2019 "Transition Plan" to replace "eTRM Work Plan"

Goal 7: Crosscutting TPPs

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- Develop **Crosscutting Technical Position Papers** related to Business Plan Objectives.
 - TF develops and approves at least one (1) crosscutting Technical Position Paper. (By December 2018)
- Goal Progress:
 - TPP 9 on Stage 2 issues developed in August
 - ✦ Objective to ensure that all stage 2 issues are prioritized and addressed
 - ✦ Consists of spreadsheet of Stage 2 Issues & cover document
 - ✦ Will not be put up for Cal TF affirmation
 - List will be a living document as stage 2 issues are refined, prioritized, and addressed

“Great resource for California, thanks so much.”

~ Ex Ante Review Team

Goal 8: Operations Manual & Charter

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- Update the Cal TF **Operations Manual**; Develop Cal TF **Charter**.
 - Operations Manual Updated and Cal TF Charter Created. (Complete in Q1)
- Goal Progress: Draft Charter & Operations Manual Update prepared in Q4 2017
- Next Steps
 - Can't proceed with Charter until we can get CPUC Staff/CEC feedback
 - We will not get CPUC staff feedback until new EAR Team has reviewed a few tranches of consolidated measures.

Goal 9: RFQ for TF Members

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- Release **RFQ for Technical Forum Members** (if needed).
 - Cal TF Staff releases TF Member RFQ and ensures timely selection of qualified technical experts. (As required)
- Goal Progress:
 - Goal was to keep Cal TF membership stable until measure consolidation review complete. (Q1 2019)
 - Cal TF would benefit from new members, will release RFQ in Q1 2019
 - ✦ Reviewers – range of PAC, Cal TF members, CPUC and CEC staff
 - ✦ New skills – for discussion. Would like more representation from SoCal

Goal 10: 2019 Business Plan

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- **Develop 2019 Cal TF Business Plan.**
 - Draft: October 15, 2018
 - Final: December 2018 PAC Meeting
- **Goal Progress:**
 - November 2019: Draft plan complete & circulated to PAC
 - December 2019: Plan will be put to PAC & TF for approval

Appendix: Measure Consolidation Status (as of January 2019)

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Measure Use Category	Total	Consolidated	Affirmed	Uploaded	Post-Upload QA/QC	Pre-submission	Complete / CPUC Submitted
Refrigeration	21	18	18	18	18	18	11
Food Service	16	15	15	15	15	15	11
Agriculture	7	7	7	2	2	2	0
Lighting	16	13	13	9	9	9	0
HVAC	52	41	0	0	0	0	0
Water Heating	23	23	23	19	19	19	0
Appliance or Plug Load	11	11	11	11	11	11	8
Building Envelope	3	3	3	0	0	0	0
Pools	3	3	3	0	0	0	0
Process	5	5	5	0	0	0	0
Miscellaneous	2	2	2	1	1	1	0
Totals:	159	141	100	75	75	75	30

Appendix:

Consolidated Measure Submission Schedule

Measure Use Category	# Measures	Submission Month
Food Service	~12	Oct
Commercial Refrigeration	~12	Nov
Appliance or Plug Load	~12	Dec
Food Service & Com Refrigeration	~13	Jan
Water Heating - Flow Restrictors	~7	Jan
Water Heating - Non-Flow Restrictors	~16	Feb
Agriculture	~7	Mar
Building Envelope	~4	Mar
Pools & Miscellaneous	~4	Mar
Process	~5	Mar
Lighting	~13+	Apr
HVAC - Residential	~19	May
HVAC - Commercial	~32	Jun

Final number of measures may vary for a variety of reasons.

End-goal is still planned for all submissions complete by Aug 2019.