

Regulatory Update: Draft DEER Resolution E-5082



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JULY 23, 2020

Overview of E-5802

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- Transition from DEER to eTRM
 - Background
 - Transition Plan
 - ✦ Phase 1
 - ✦ Phase 2
 - Goal
 - Kudos
- Other Cal TF Directives
- Other Items to Note
- Due Date for Comments; Expected Date for Final Resolution

Background

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- DEER started by CEC in 1990s
 - Broad stakeholder collaborative contributed to measure parameter development

- DEER transitioned to CPUC in 2006 – 2008

Since the 2006 – 2008 portfolio cycle, many technological advances have occurred in the database space, and we seek to now modernize the architecture of the DEER and workpaper project archives to create a truly relational database that can be searched, referenced and updated more efficiently and reliably. (p. 6)

Transition Plan

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CPUC Staff is developing a multi-year transition plan to progressively transition DEER and workpaper systems to a software platform . . . called the electronic Technical Reference Manual (eTRM). (p. 6 – 7)

Transition Plan

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eTRM will be “**conditional**” **Datasource of Record** until CPUC’s Phase 1 and Phase 2 requirements are met.

- Phase 1 (eTRM meets User Requirements):
*Phase 1 establishes that the **eTRM reflects official ex ante data** and displays current approved ex ante measure data for statewide measures and will be completed by **Q3, 2020**. (p. 7)*
- Phase 2 (eTRM meets CPUC Needs): Phase 2 covers:
Enhancements necessary for the eTRM to meet the Deemed Data Standard. (p.7)
 - ❑ Integration with CEDARs and CET
 - ❑ Build out of CPUC “User Role” that will allow CPUC review of WP in eTRM instead of WPA
 - ❑ Support tables maintained in eTRM instead of EAdB by CPUC consultants
 - ❑ Other CPUC requirements
 - ❑ Starts: later in 2020, must be completed by June 2021

Goal

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*Once all activities under Phase 1 and Phase 2 are satisfactorily completed, the CPUC will remove the “conditional” status and adopt the **eTRM as the official database of record.** (p.11)*

Also:

- ❑ WPA retired
- ❑ DEER archived

Kudos

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The eTRM resulted from a multi-year, highly collaborative effort involving:

- Cal TF Members
- Cal TF PAC
- Utilities, both IOUs and POUUs
- Two regulatory agencies: CPUC and CEC
 - Both staff and their consultants
- SBW & OMBU
- Cal TF Staff
- Outside experts who volunteered their time

Other Directives to Cal TF

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Add program tracking and evaluation requirements to the deemed workpaper template. A number of EM&V reports expressed issues with obtaining the data needed to effectively evaluate upstream and midstream programs. ... To systematically capture data needed, add a “Program Tracking Data and Evaluation Requirements” section to the deemed workpaper template, and CPUC Staff will work with the Cal TF, PAs, and evaluation staff to develop the specification. (p.16)

Other Directives to Cal TF

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- eTRM already has a field “Data Collection Requirements”

 TAKE ASSIGNMENT | You have a role in this measure and are permitted to make edits.

SWHC020-01 CPUC APPROVAL

Mar 4, 2020 5:39 AM



Version History

Air Cooled Chiller

CHARACTERIZATION

SUPPORTING DATA

CALCULATIONS

PERMUTATIONS

Table of Contents

Technology Summary	Electric Savings (kWh)	Base Case Labor Cost (\$/Unit)
Measure Case Description	Peak Electric Demand Reduction (kW)	Measure Case Labor Cost (\$/Unit)
Base Case Description	Gas Savings (Therms)	Net-to-Gross
Code Requirements	Life Cycle	Gross Savings Installation Adjustment (GSIA)
Program Requirements	Base Case Material Cost (\$/Unit)	Non-Energy Impacts
Program Exclusions	Measure Case Material Cost (\$/Unit)	DEER Differences Analysis
Data Collection Requirements		

- Savings & Cost methodology guidelines reiterate this need:
 - Savings Guideline 3: Document influential parameters for sensitivity analysis
 - Savings Guideline 7: Identify inputs that should be collected through programs
 - Cost Guideline 11: Define data to be collected during implementation
 - Cost Recommendation: Integrate Data Needs into eTRM / Leverage eTRM to Support Measure Update Planning / EM&V

Other Items to Note

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- Methodology updates
 - e.g. Load Shapes
- Error corrections
 - e.g. Interactive Effects Tables
- Measure-level parameter changes based on EM&V studies
 - Several measure-level NTG value changes
 - Both directions – some will increase, some will decrease cost effectiveness

Comments and Final Resolution

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- Comments on draft resolution due by August 12, 2020
- Final resolution expected by August 27, 2020