Final Guideline Document Deemed Modeled Measures

CALIFORNIA
TECHNICAL FORUM
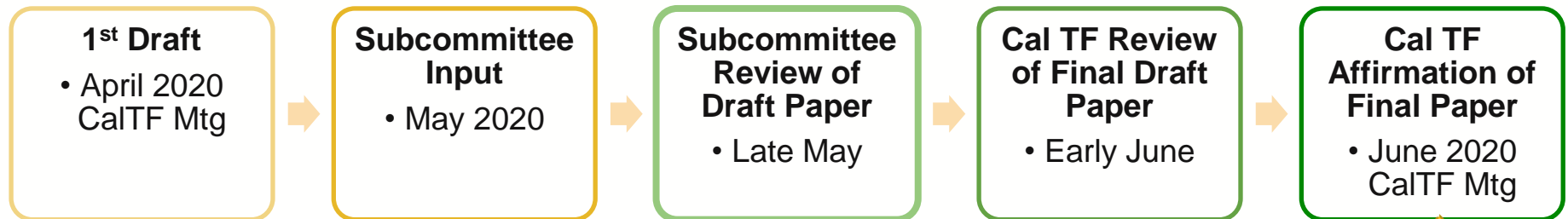
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Overview

- Goal
  - ❑ CalTF Affirmation of Deemed Modeled Savings Methodology Template
- Value
  - ❑ As new measures are being submitted or existing measures are being resubmitted, provide the up-front guidance on specifically for modeled measures:
    - ✕ DEER Modeled
    - ✕ DEER Modified
    - ✕ IOU Modeled
- Action

1st Draft	**Subcommittee Input**	**Subcommittee Review of Draft Paper**	**Cal TF Review of Final Draft Paper**	**Cal TF Affirmation of Final Paper**
• April 2020 CalTF Mtg	• May 2020	• Late May	• Early June	• June 2020 CalTF Mtg

Overview

- Energy Savings (kWh)
  - Overview
  - Baseline Energy Use Simulation
  - Measure Case Use Simulation
  - Calculation of Unit Energy Savings
  - Inputs and Assumptions
- Peak Electric Demand Reduction (kW)
- Gas Savings (therms)

eTRM
best in class

California
Statewide
Deemed
Measures

Measure Characterization Template

VERSION 1.0
Last Updated October 22, 2018

Explanation of Sections

- Overview
  - Provide brief description on how the savings were derived
  - Specify model software and version used for the analysis
  - Show (through tables) which models were generated
    - **R236** Insert citation for the simulation model files
- Baseline Energy Use Simulation
  - Describe modifications made to the prototypes
  - Describe the modeling parameters changing from the base to the measure case
- Measure Case Energy Use Simulation
  - Describe modifications implemented for the measure case simulations with respect to the baseline model
- Calculation of Unit Energy Savings (UES)
  - Documents the methodology for calculating savings from modeled results
    - Explains if weights are used to calculate the savings
    - Explains normalization
    - Explains if additional scaling is needed
- Inputs and Assumptions
  - Provides references for each input and assumption
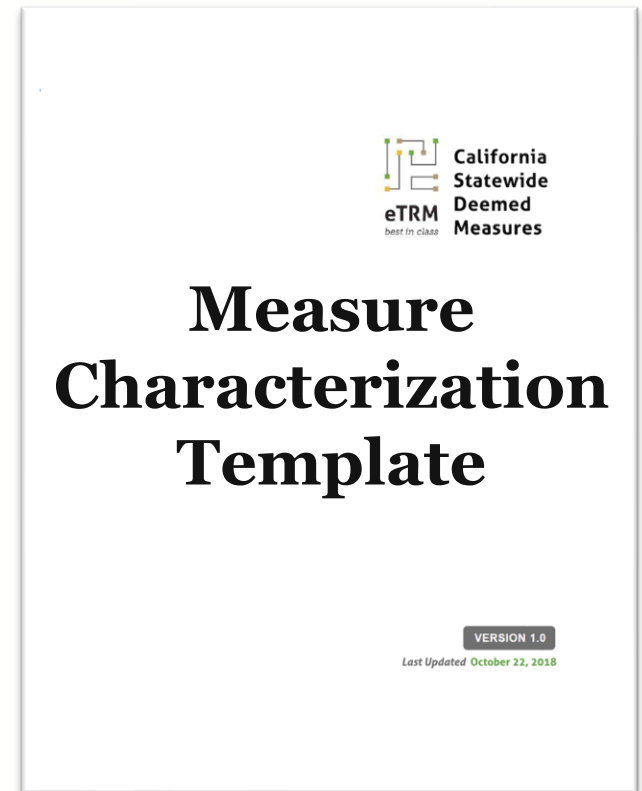   - **R236** Calculation file
    - **R236** Weighting file
    - **R236** Weather files

Changes based upon comments are included as blue text or Track Changes.

- Seek Cal TF Affirmation

- Operationalize the template by including it in the Measure Characterization Template

- Seek CPUC Staff feedback and make further adjustments after Staff feedback

Located at: *http://www.caltf.org/tools*