

eTRM – New Deemed Measures/Solutions



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Overview

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- Utility and 3P New Measures (2018, 2019)
- New IOU Measures - 2018
- Possible New Deemed Measures/Solutions?
- Cal TF suggestions?
- Future of deemed measures . . . ?

Utility and 3P New Measures

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Utility

- 2018 New Measures (next slide)
- 2019
 - Currently, no consistent approach for tracking new measures (past 30 – 60 days)
 - “SW New Measure List”

3P

- 2019 – Utility 3P program solicitations?

Should there be more structured and collaborative approach to identifying new deemed measures and new deemed measure opportunities?

New Measure Development Process

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New measure development *process* used to be (almost insurmountable) challenge

Current State

- Statewide Template
- Statewide QA QC Guidelines
- “Deemed Rulebook”
- Experienced and collaborative CPUC staff and reviewers

New IOU Measures - 2018

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SCE

- Refrigerated Chef Basis

PG&E

- Low Horsepower Motor Upgrade
- Commercial Boiler Water Heating Control System
- Under Counter Type Commercial Dishwasher
- New Water Pump

SCG

- Dual Set Point Boiler Control for MF Space Heating
- Res HW Heater Control, wifi
- Commercial Underfired Broilers
- Ceiling Insulation
- Res Ozone Laundry
- Wall insulation
- Residential NG Fireplace Insert
- Electric Ignition Retrofit for Res Wall Furnace Pilot
- Commercial Packaged Condensing Furnace
- Tub Spout Diverter

Possible New Deemed Measures/Solutions

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- “Hybrid” measures
 - Address EUL and baseline issues through on-site data collection
- Behavioral/Data Driven
 - “Nudging” customers through real time information, education and small incentives
 - Other evidence-based approaches
- Deemed Savings for “Systems” of Measures
 - HVAC systems
 - Lighting systems
- Dusting off old “Deemed Measures”
 - Using *customer* and new *site* characteristics to establish new opportunities
 - Adders: NEBs, GHG, etc.
- “Repair Indefinitely”
- Custom Workpapers (reduce custom cost and uncertainty)

The Future of Deemed Measures?

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- Do deemed measures have a future? They should. . .
 - Too many distinctions that don't matter (thousands of permutations that are not statistically different)
 - Too few distinctions that do matter – measures can have significantly different values depending on customer characteristics and where they are installed
 - Must deemed measures be widgets? Or are other solutions that provide reasonably replicable solutions allowable?
- Expanding the conversation & widening the net . . .
 - CAEEC, CEDMC, other jurisdictions, national labs, ???
- Other needs to improve new measure development
 - Central tracking, intake/screening, and development