

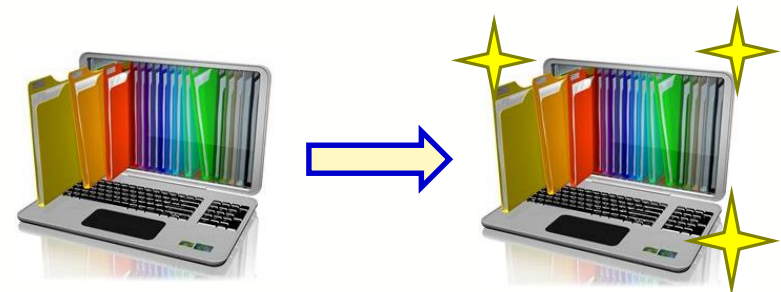
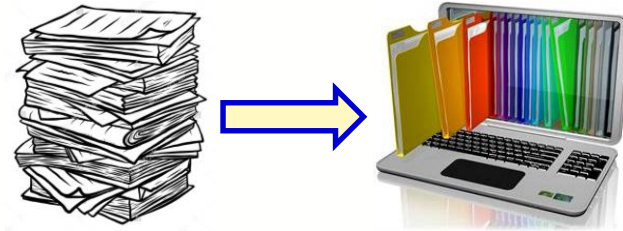
TPP 9

Deemed Measure Updates



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JULY 2018

- Results from 11 Subcommittees
 - Stage 1: Consolidated measures
 - ✦ *Completed in 2017-18*
 - Stage 2: Measures updates/enhancements
 - ✦ *Identified*
 - ✦ Measure specific issues
 - ✦ Global issues



Regulatory Context: Timeline

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- Original Cal TF Proposal
 - Submit all consolidated measures for CPUC approval in 2018 (with no updates, changes or enhancements)
 - Submit “Stage 2” issues in 2019 for CPUC consideration
- Revised Proposed Regulatory Approval Timeline

Date	Action
September 2018	Submit 3 – 4 measures for review as to “form”
October – December 2018	Submit 8 – 10 consolidated measures per month for approval
December 2018	Revisit pace of measure submission/review
January – July 2019	Monthly measure submission by technology category
August 2019	Staff review of consolidated measures complete

- *Proposed January 1, 2020 Effective Date for all Statewide Measures?*

Regulatory Context: Stage 2 Issues

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Options for seeking CPUC Staff review of Stage 2 Issues

- ❑ Option 1: Consolidated measures should only be submitted with required updates (dispositions, CPUC guidance, DEER, etc.)
- ❑ Option 2: Submitted consolidated measures should include all required and proposed updates
- ❑ Option 3: Consolidated measures should only be submitted with required updates but IOU proposed updates should be concurrently submitted in a separate “white paper” for Staff consideration

Open Question – Further discussion needed with Staff/others

Partial List: Deemed Measure Updates/Enhancements

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● Partial list

□ Measure specific issues

- ✦ *Base and Measure case updates (FS)*
- ✦ *30% disposition supporting data (FS)*
- ✦ *Display case base case changing with DOE Rulemaking (CR)*
- ✦ *Grocery prototype review (CR)*
- ✦ *Pump EUL data support (WP)*
- ✦ *Pump overhaul disposition savings methodology update (WP)*
- ✦ *DEER vs calculated approach (AP)*
- ✦ *Calculation: Methodology, review hours of use, interactive effects (LG)*
- ✦ *Cost: Review/update (LG)*
- ✦ *Baseline: Existing conditions opportunity (LG)*
- ✦ *Permutation collapse (LG)*

□ Global issues

- ✦ *Early Retirement data requirements*
- ✦ *Interactive Effects (16 CZ / 16 values)*
- ✦ *Effective Useful Life for Retrofit Add-On measures*
- ✦ *Cost updates / methodology*
- ✦ *Review Load Shapes / Impact Shapes*
 - *Peak demand updates*
- ✦ *Better integrate Water / Energy Nexus*
- ✦ *Fuel switching analysis*
- ✦ *Better integrate GHG*
- ✦ *Use of Data Requirements section*
- ✦ *Stale or sub-optimal parameter support (tracked in eTRM reference library)*

TPP 9 Goals/Use

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- Goal of TPP 9
 - ❑ Create list of all “Stage 2” issues (Cal TF, IOU, POU)
 - ❑ Propose solution(s) for each issue
 - ❑ Propose framework for prioritizing
- Use of TPP 9
 - ❑ Educate broad range of stakeholders on state of CA deemed measures
 - ❑ Build consensus on how to address, how to prioritize and who should do work to improve/update deemed measures
- TPP 9 will need to be a “living document”

Next Steps

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- Cal TF Staff creates “strawman” TPP 9 based on prior Cal TF discussions (subcommittees, full TF meetings, etc.)
- Present at next Cal TF meeting
- Create Cal TF subcommittee to refine
 - ❑ Concurrently seeking input from IOUs/POUs to ensure list is comprehensive
- Present final “Ver. 1.0” to Cal TF in December meeting – we will *not* be seeking Cal TF “affirmation” as issues will be too numerous and complex
 - ❑ Will seek affirmation on discrete “Stage 2” issues prior to incorporating into measures as updates (either as measures or “white papers”)