

Update on Cal TF Business Plan Objectives



CALIFORNIA
TECHNICAL FORUM

ANNETTE BEITEL
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2015 Business Plan Goals

- Review selected workpapers
- Develop crosscutting technical position papers
- Memorialize DEER, other ex ante methods
- Review POU TRM
- Facilitate statewide coordination
- Release 2015 RFQ
- Develop 2016 Work Plan
- Second Year Review



This Presentation:

- Progress on 2015 Goals
- Other metrics of success:
 - Is Cal TF really making a difference?
 - Ex ante consultant feedback on initial Cal TF WPs
- Looking Back: First Year Report
- Looking Ahead: 2016 and Beyond

Update on Measure Review



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Approved in 2015

- 3P measure:
 - ❑ Clothes Washer Recycling
- Already under ED review:
 - ❑ LED Panels
 - ❑ LED Retrofit Kits
 - ❑ Advanced Power Strips
 - ✦ Res.
 - ✦ Comm.

Forthcoming in 2015

- Ductless Heat Pumps
- Residential HVAC Quality Installation
- RPP
 - ❑ Six measures
- LED Tubes
- Laminar Aerators
- VRF

Cal TF Staff Observations re: WP



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- Need more statewide coordination/consistency
- WP developers propose optimistic initial estimates
- More Cal TF staff QA/QC and due diligence needed than originally expected
- WP developers need to have duty to disclose all research, explain why some discarded
- Cal TF input results in:
 - ❑ Less bias
 - ❑ Identification of other resources/studies
 - ❑ Fuller technical vetting/considerations
 - ❑ Better overall WPs

Ex Ante Team Feedback on Cal TF WPs



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- Ex ante team (CPUC consultants) have reviewed three “Cal TF WPs”
 - Cal TF staff analyzed feedback from CPUC ex ante consultants
 - ✦ Including early feedback on one additional measure that is just starting Cal TF review process
- Observations and conclusions:
 - Ex ante team comments don’t indicate poor quality of technical work, but other issues that must be addressed systemically

Update on Crosscutting Work: Other Ongoing Subcommittees



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- Ex Ante Alternatives
 - In-depth discussion later in meeting
- Ex Ante Development Guidelines
 - Leveraging: SCE WP Guidelines, TRM Research, PG&E Disposition Review
- POU TRM Review/DEER Documentation
 - Reviewing approximately 10 measures
 - ✦ High level conclusions will be most valuable outcome
- Savings Below Code
 - End Product: 2 - 3 “To Code” Measure Characterizations
 - ✦ Under consideration: MF Windows, MF Boilers/Furnaces, commercial HVAC measure, industrial compressed air)
- HVAC Residential Quality Installation
 - Workpaper expected before end of 2015

First Year Review

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- First Year Report
 - Accomplishments relative to 2014 Business Plan goals
 - Qualitative survey of inaugural TF Members
 - ✦ Table categorizes comments and addresses suggestions
 - ✦ TF Comments: Positive, satisfied, hopeful, objective
- Also developing high level metrics for success
 - Tracking Influence
 - ✦ Communications matrix used to document formal and informal exchanges with all stakeholders
 - ✦ Methodical tracking of references to Cal TF work in regulatory proceedings, other forums
 - Reduces CPUC time/process – **NO!!!**
 - ✦ **At best, Cal TF will only make minor difference under current structure/process**
 - ✦ **Need to move to “Ex Ante Alternative”**

Proposed Topics for 2016 Business Plan

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- Implement development of Ex Ante Alternative
 - Structure: “Electronic TRM”
 - Process: Implement best practices
 - Content: Clear content guidelines and switch to EnergyPlus
- Analyze current challenges/best practices for Custom Project review process
 - Identify actionable improvements
- Continue
 - New Measure review, including more challenging measures
 - ✦ Water-Energy Nexus
 - ✦ Statewide measure coordination

Proposed Topics for 2016 Business Plan

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- Crosscutting subcommittee topics
 - Validation of ex ante values through:
 - ✦ Closer integration with EM&V (“early EM&V”)
 - ✦ AML-enabled EM&V (e.g. Energy Savvy)
 - ✦ DOE Building Performance Database
 - ✦ Other ideas
 - Continue to refine/document Ex Ante Value Development Guidelines
 - ✦ Develop “best in class” approaches
 - Policy on when and how to include “non-cost-effective” measures