Cal TF Custom Subcommittee Meeting #16

CALIFORNIA
TECHNICAL FORUM

FEBRUARY 7, 2024

Agenda & Goals

- **Meeting Agenda**
  - ❑ Updates – 15 min
  - ❑ CPUC CPR Continuous Improvement Initiative – 30 min
  - ❑ Cal TF Custom Rulebook Approach – 30 min
  - ❑ Custom Measure Characterization Update – 15 min

- **Meeting Goals**
  - ❑ Share relevant updates with stakeholders
  - ❑ Inform stakeholders of CPUC CPR Initiative, collaboration efforts
    - ✖ Brainstorm Success Metrics
  - ❑ Brief Subcommittee members on Custom Rulebook Plans
  - ❑ Brief Subcommittee members on Boiler Add-On CMC

Quick Updates

- NMEC Draft Rulebook Workshop – Jan 30
  - ❑ Comments due Feb 29

- CPR Continuous Improvement Initiative
  - ❑ Upcoming Q1 Stakeholder Meeting

- CPUC PFS Working Group

- CPUC Lighting Working Group

Update: ISP White Paper

Cal TF website: https://www.caltf.org/tf-meeting-materials

MEETING MATERIALS & NOTES

ISP White Paper - Revised Drafts

ISP White Paper v2.0 (**PDF** | **Word** | **Redline**)

ISP Research Memo Paper v2.0 (**PDF** | **Word** | **Redline**)

- Revised ISP White Paper

- Key changes:
  - ❑ Reordered recommendations
  - ❑ Rec #5 – two options:
    - ✖ Tiered Baseline Approach: Remove the Informal ISP Study Requirement for All Custom Measures Below Threshold
    - ✖ Eliminate Informal ISP Requirements for All Custom Measures
  - ❑ Rec #5 – Set threshold at $100k (payment based) OR 1,000 MWh / 100,000 Therms (savings based)

- Next Steps
  - ❑ Stakeholder poll on options (tbd)
  - ❑ Final comments by Wed, Feb 21
  - ❑ Present for TF / PAC Affirmation at March Meetings

Update: ISP White Paper

#	Current Practice	Recommendation
1	ISP Guidance is Complex, Unclear, and Inconsistently Interpreted; Supplemental Guidance and Clarifications Are Not Consistently Accessible to Stakeholders	**Update, Clarify, and Simplify ISP Guidance**, and Provide Means for Ongoing Updates, Clarifications, and Training – incorporate into Custom Rulebook
2	Incomplete and Out-of-Date Central Repository and Limited Accessibility of Market-Based and Other ISP Studies and Baselines	Create a **Central, Public, Searchable Database** of Market-Based ISP Studies and Approved Baselines with Key Data Including Date of Issuance, Applicability, and Effective Dates
3	No Consistent Format or Data in ISP Studies	Establish **Consistent Format and Data Requirements for ISP Studies** to Clarify Baseline Definition and Applicability
4	No Coordinated, Public Planning Process for Market-Based ISP Studies	Develop Statewide Market-Based **ISP Study Public Planning Process**
5	Most Informal ISP studies exceed the cost of the custom project incentive	**Remove the Informal ISP Study Requirement** for All Custom Measures **Or** for Custom Measures Smaller Than 1000 MWh or 100,000 Therms or With Customer/ Implementer Payments Less Than $100,000 (Tiered Baseline Approach)

2/7/2024

- Goal: **All baseline data in one place**, up-to-date, accessible, easy to use

- Summary of ISP Documentation.xlsx
  - ❑ Catalog of ISP-related documents Cal TF Staff has collected
  - ❑ Sources: CAEnergyGuidance.com, CEDARS, CPUC Staff

- Looking for input on:
  - ❑ Any additional Industry Standard Practice documentation that should be included in Baseline Database (e.g., E.g., missing ISP Study Reports, Final CPUC Disposition on ISP Study)

CPUC CPR Initiative

- **CPR Continuous Improvement Initiative**
  - [Announced Jan 24](#)
  - Facilitated by CPUC Staff / DNV
  - Transparent and open improvement process
  - Half-day in-person workshop in Q1 2024 (mid/late March)

- **Primary Goals**
  - Increase the value of the CPR process to ratepayers
  - Continue to position the CPR as a guidance process for programs as they continue to evolve

- **Secondary Goals**
  - Assessing internal/external barriers and addressing those barriers to enhance the CPR process
  - Providing quick and real-time feedback to PAs on projects
  - Updating and expanding CPUC guidance where needed
  - Updating tools and processes to review projects more efficiently and minimize the need for supplementary data requests

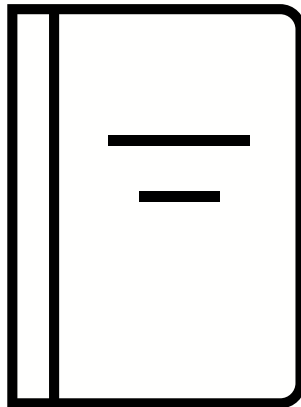- **Collaboration with Cal TF Custom Initiative**

Success Metrics – what metrics, milestones, or other indicators can stakeholders use to assess progress? What are realistic timelines for change?

- Near Term

- Long Term

Custom Rulebook

- Custom Rulebook
  - ❑ Single, accessible, organized, clear, up-to-date, easy-to-understand, easy-to-navigate source for all custom rules
  - ❑ Incorporate all new/updated rules through the Custom Rulebook
  - ❑ Regular, transparent update process
  - ❑ Establish as Rulebook for measure/project development, technical review, Ex Ante Review, and Ex Post Evaluation

Key Contents
- Definitions & Rules
- Project Development Cycle
- Data/Documentation Requirements
- Review Processes
- References
- Templates
- Maintenance Process/Schedule

Custom Rulebook

- **Consolidation**
  - ❑ All custom rules, guidance, requirements in one place
  - ❑ Minimize "clicks"
  - ❑ Minimize potential for redundancy, conflicts

Document Type	includes policy of guidance	PII Flag	Public	Available
CA Legislation	Yes	n/a	Yes	Yes
CPUC Decisions and Resolutions	Yes	n/a	Yes	Yes
CPR Public Tracker	Yes	n/a	Yes	Yes
CPUC Guidance Document	Yes	n/a	Yes	Partial
CPUC Guidance Memo	Yes	n/a	Yes	Partial
CPUC Pilot Document	Yes	n/a	Yes	Partial
Market-Based ISP Study	Yes	n/a	Yes	Partial
CPR Dispositions (redacted)	Yes	n/a	Yes	Partial
PA-Specific Resources	Yes	n/a	Partial	Partial
Informal ISP Study (with CPUC Disposition)	Yes	may include PII	Partial	No
Early Opinion	Yes	may include PII	Partial	No
CPR Dispositions	Yes	may include PII	No	No
CPUC/PA Meetings; Bi-weekly meeting notes	Yes	may include PII	No	No
Deemed Documentation	Maybe	n/a	Yes	Yes
Evaluation Report	Maybe	may include PII	Partial	Partial
CPUC Ad Hoc Communication	Maybe	may include PII	No	No
CPUC Publication	No	n/a	Yes	Yes
Efficiency Savings and Performance Incentive (ESPI) Memos	No	n/a	Yes	Yes
CPUC White Paper	No	n/a	Yes	Partial
Stakeholder Working Group Materials	No	n/a	Partial	Partial
PA Memos	No	n/a	Partial	Partial
Custom Tool Archive (CTA)	No	n/a	No	No

Formal Policy Documents

Custom Rulebook

Baseline Database

Templates

Custom Rulebook

- **Approach**

Develop Draft Rulebook – Q1

- Consolidate/organize policy, guidance, rules in one place
- Categorize policy, guidance, practice
- Identify/address clarification needs, conflicts

Crowdsource Stakeholder Input – Q1/Q2

- Clarification needs
- Rules that may be problematic
- Format, navigability, maintenance process

Collaborate & Resolve – Q2

- Collaborate with stakeholder to clarify, resolve conflicts, address barriers

Custom Measures

- **2024 Custom Measure Packages (CMPs)**
  - Final drafts
    - Pump Systems
    - Boiler Plant Measures
  - Active Working Groups
    - Non-Res New Construction Individual Systems
    - Multi-Family Whole Building
    - Compressed Air Systems

- **Meeting Goal**
  - **Updates on progress**
  - **Stakeholder interest in working groups**

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February CMPs Updates

- [CMC template](#) posted to SharePoint
  - ❑ Streamlined narratives
  - ❑ Adjusted sections for flow

- Final working group draft CMPs
  - ❑ [Steam Boiler Plant Measures](#)
  - ❑ [Pumping Systems](#)

- Biweekly working groups in progress
  - ❑ Non-Residential New Construction Individual Systems
    - ✦ Next meeting: Wednesday 2/14 @11AM
  - ❑ Multi-Family Whole Building
    - ✦ Next meeting: Monday 2/12 @ 3PM

2024 CMPs

Phase 1	Phase 2 (Stagger Start)
• Non-residential new construction individual systems • Multi-Family whole building • Compressed air • Lighting	• Steam boiler distribution or HW boiler measures • Fuel substitution (Industrial) • Process refrigeration • Process cooling • HVAC controls • Site NMEC • Data centers

Email spencer.lipp@futee.biz or put a note in the chat to be in the working group

2/7/2024

Wrap-Up & Next Steps

- **Action Items**
  - ○ ISP White Paper commends by Feb 21
    - ✖ Email arlis.reynolds@futee.biz

- **Upcoming Meetings**
  - ○ 3/6 Custom Subcommittee Meeting
  - ○ 3/X CPUC CPR Continuous Improvement Initiative (tbd) (San Francisco)
  - ○ 3/28 March TF Meeting (Oakland)

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Create a Central, Public, Searchable Database of Market-Based ISP Studies and Approved Baselines

✓ makes key baseline data clear and accessible to stakeholders
✓ meets the requirements of E-4939[2]
✓ facilitates Step 1 of the baseline selection process.[3]

Cal TF is compiling all accessible ISP Studies and baseline determinations

Cal TF Staff requests any additional existing baseline data **by January 31, 2024** to complete the library of existing, published, applicable baseline data for future use.

BASELINE DATABASE

Source
Issue Date
Measure
Measure Identifier
MAT
Baseline
Effective Date
Expiration Date
CPUC Approval Status
TF Affirmation Status
Applicability
Update Triggers
Search Fields (Measure Category, Sector, End Use, Measure Code)

Baseline Database

Data Field	Description
Source	Source of baseline information (e.g., Market-Based Study, Informal ISP) including direct link to published source material
Issue Date	Date the baseline was issued (e.g., CPUC approval date or PA approval date for informal ISPs not selected for CPR)
Measure	Description of the measure for which the baseline was developed and is applicable
Measure Identifier	Statewide custom measure code (based on statewide custom measure code structure to be developed through the Cal TF in 2024)
MAT	Measure Application Type for which the baseline was developed and is applicable
Baseline	Description of the approved baseline
Effective Date	Date for which the baseline is effective
Expiration Date	Date through which the baseline is valid. Default to 5 years from the Effective Date and may be adjusted to shorter or longer effective period.
CPUC Approval Status	Indicates whether the baseline was reviewed, approved, or rejected by the CPUC
TF Affirmation Status	Indicates whether the baseline was reviewed and affirmed by the TF
Applicability	Description of the measures, MATs, customer/market segments, regions, etc. for which the study results are or are not applicable
Update Triggers	Description of triggers (e.g., code or other market changes) that may indicate a need to update the baseline
Search Fields	Data Tags to support search functions so stakeholders can easily find relevant baseline data (e.g., measure category, measure code, end use, sector)

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Establish Consistent Format and Data Requirements for ISP Studies to Clarify Baseline Definition and Applicability:

Adopt an ISP Study Summary Form that defines a common core data set--including effective date(s), applicability, and CPUC-approval status--and is required to be completed for all Market-Based IPS Studies going forward.

ISP Study Summary Form

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Study Information

Study Name	
Study Author	
Study Sponsor	
Study Complete Date	
TF Affirmation Date	
CPUC Approval Date	

Baseline Information

Measure Description	
Measure Identifier	
MAT	
Standard Practice Determination	
Effective Date	
Expiry Date	
Applicability	
Update Triggers	

Develop Statewide Market-Based ISP Study Public Planning Process

| Identify Baseline Research Needs | Prioritize Baseline Research | Select and Conduct Baseline Research | Research Standards, QA/QC Review, and Affirmation | CPUC Approval | Engage and Notify Stakeholders |

Tiered Baseline Approach

Remove the Informal ISP Study Requirement for Custom Measures With Customer Incentive Less Than $100,000 (Tiered Baseline Approach)

The proposed tiered baseline recommendation modifies the baseline selection process *when an Informal ISP Study would be triggered under the current practice* for measures with customer incentive less than $100,000 as follows:

- Where baselines are current, applicable, and public (i.e., in the Baseline Database), the measure should use those established baselines consistent with E-4939.

- If no existing, applicable baseline is published in the baseline database, use code or applicable regulatory requirement (e.g., AQMD requirements).

- If no code/applicable Requirements, use existing conditions.