



Agenda

California Technical Forum (Cal TF)

Meeting #24: Technical Forum (TF)

September 22nd, 2016

9:30 am – 3:30 pm

Pacific Energy Center

San Francisco

VoIP or Dial +1 (872) 240-3212, Access code 201-806-597

<https://global.gotomeeting.com/join/201806597>

Time	Agenda Item	Discussion Leader(s)
9:30 am – 9:45 am	Opening	Annette Beitel, Cal TF Facilitator
9:45 am – 11:15 am	Statewide Smart Thermostat Device Measure <ul style="list-style-type: none"> • Overview of draft WP • Update on new data • Responses to feedback from Cal TF • SoCalGas disposition on Smart Thermostat; applicability ACT: Feedback on draft WP prior to submission to CPUC Staff for Early Consultation Process.	Jeff Gleeson, Aaron Berndt, Michael Blasnik, Nest Labs
11:15 – 11:20	Stretch break	
11:20 – 12:30	High Performance Circulator Pump: Final WP <ul style="list-style-type: none"> • Overview of WP • Responses to feedback from Cal TF • Responses to feedback from Technical Reviewers ACT: Cal TF affirmation of Final WP, conditional on EAR Team feedback	Jessica Morrison, Stephen Putnam, Grundfos Corporation
12:30 – 1:15	Lunch	
1:15 – 1:30	Q-Sync <ul style="list-style-type: none"> • Staff Feedback, next steps 	Ed Reynoso, SDG&E
1:30 – 2:15 pm	Interior LED Parking Garage/Exterior LED Billboard WP Measures <ul style="list-style-type: none"> • Garage Luminaire LEDs <ul style="list-style-type: none"> ◦ Staff comments on WP (ROB) • Garage Luminaire LEDs (ER) 	Martin Vu, RMS Consulting



	<ul style="list-style-type: none"> ○ Cal TF recommended proceeding with ER ○ SCE Products does not want to allocate funds to do study absent clarity on what study requirements are • Billboard LED <ul style="list-style-type: none"> ○ Present Survey results ○ How should they be used to establish second baseline for ER? • Issues for TF Consideration <ul style="list-style-type: none"> ○ Develop approach to meeting “preponderance of evidence” standard for ER/Early Replacement ○ Develop approach for deemed measure studies generally, incl. <ul style="list-style-type: none"> ▪ Start with ISP low rigor ▪ Proposed adaptation for deemed <p>ACT: Does Cal TF Want To Develop Proposal for “Preponderance of Evidence” for Deemed Measures?</p>	
2:30 – 3:20	WRR Methodology vs. Lumen Range for A-Lamps	Alina Zohrabian, PG&E
3:20 – 3:30	Close <ul style="list-style-type: none"> • “Next Steps” Memo • Final Decision – Cal TF Possible Roles • Update: New Measure Review Process • TPPs – Upcoming • RTF Baseline Work 	Annette Beitel

Meeting Materials

- Presentations:
 - Statewide Smart Thermostat Device Measure Workpaper (WP)
 - High Performance Circulator Pump WP
 - Interior LED Parking Garage/Exterior LED Billboard WP Measures
 - WRR Methodology vs. Lumen Range for A-Lamps
- Documents
 - Draft Workpaper: Statewide Smart Thermostat Device Measure
 - Full Measure Cost and IMC Analysis (Excel)
 - Calculation of Baseline Adjustment Factor (Excel)
 - Final Workpaper: High Performance Circulator Pump (Conditional on Staff Feedback)



- Attachment: Measure Cost Calculation
- CPUC, Energy Division Comments: “PMS Fan Motor Assemblies for Refrigerated Case Evaporators: Additional EAR Team Thoughts on Program Development.” (August 26, 2016)
- Documents Relating To Savings Calcs for A Lamps
 - Savings Calcs for A-Lamps Under WRR vs. Lumen Range (Excel)
 - Study: Navigant Consulting, California LED Workpaper Update Study, Final Report (August 28, 2015) (Reference No. 169396)
 - Study: TRC, Memorandum on LED Baseline Assumptions (August 25, 2016)