



NOTES

California Technical Forum (Cal TF) Meeting 50: Technical Forum (TF)

July 25, 2019

1:00 p.m. – 3:15 p.m.

Teleconference Only

Time	Agenda Item	Discussion Leader(s)
1:00 – 1:15	Opening <ul style="list-style-type: none">• Updates	Tim Melloch, Cal TF Staff
1:15 – 2:00	Modeling Charrette <ul style="list-style-type: none">• Report out• Next Steps• October 2nd/3rd	Roger Baker, Cal TF Staff
2:00 – 2:45	eTRM Launch Plan <ul style="list-style-type: none">• Purpose• Overview• Next Steps	Jennifer Barnes, Cal TF Staff
2:45 – 3:00	New Measure Updates <ul style="list-style-type: none">• 2019 New Measure List• Process for Cal TF affirmation	Tim Melloch
3:00 – 3:15	Close Recap agreements & action items	Tim Melloch

Meeting Materials

- Presentation: Modeling Charrette Update
- Presentation: eTRM Launch Plan
- Presentation: New Measure Updates



I. Attendees

	<i>In-Person</i>	<i>Via Telephone</i>
<i>Cal TF Staff</i>		Jennifer Barnes Roger Baker Tim Melloch
<i>Cal TF Members</i>		Greg Barker, Energy Solutions Pierre Landry, retired SCE Larry Kotewa, Elevate Energy Doug Mahone, retired TRC Steven Long, Lockheed Martin Spencer Lipp, Lockheed Martin Armen Saiyan, LADWP George Beeler, AIM Martin Vu, RMS Tom Eckhart, ECONS Ed Reynoso, SDG&E Gary Fernstrom, retired PG&E Jay Madden, SCE Yeshpal Gupta, Lincus
<i>Non-TF Attendees</i>		Eric Merkt Jordon Christensen, CPUC Mallorie Gattie, Opinion Dynamics Jennifer Scheuerell, Sound Data Management Matt Mendoza, Bob Ramirez, DNV GL Jim Hanna, Energy Solutions Randy Kwok, PG&E Elisa Wall, 2050 Partners Nick Amy Reardon, CPUC Andreas Fergadiotti, SCE Lacey Tan, Frontier Energy Dave Hanna, Independent



I. Key Decisions and Action Items

The September meeting will not be in person but will likely be held as a teleconference.

II. Meeting Notes

Draft DEER Resolution Update

Presenter: Tim Melloch

Lacey Tan: What does it mean by “inadvertently left out”? Is there a list of these? I see that air sealing no longer has values in DEER.

Andres Fergadiotti: Responded to a question about the status of the Smart Thermostat workpaper

Randy Kwok: Mentioned that the refrigerant charge measure will eliminate savings associated with overcharging refrigerant

Jennifer Barnes: In the DEER Resolution webinar this morning, they indicated that the IOUs and CPUC will be working together to identify these measures to the list needs to be developed.

Bob Ramirez: That’s right.

Cal TF Modeling Charrette

Presenter: Roger Baker

Pierre Landry: I wasn’t at the charrette. Were there people there from the commercial customer sector? You talked about having a library of building models that people can check out. If I were a building owner, I’d be concerned about this.

Roger Baker: Haven’t gotten into the details yet. This was a suggestion by CEC. But privacy issues will definitely be a concern.

Pierre Landry: Were the IOU system planning people there. Talked about how these models could be used for other things, like modeling systems.

Roger Baker: don’t recall if the IOU people were from the system side. This was raised by Armen – their pilot is to bring EE and distribution planning under one roof.



Pierre Landry: If we want EE to be a resource, it's going to have to fit into their models. As I listen to your discussion, one big take away is clear roles and responsibilities. CEC and CPUC are going to make or break this. Any agreements on this?

Roger Baker: No, just having them in the same room is a good start.

Pierre Landry: We can do a lot of work on these but if nobody at the regulatory agencies use them then it's not worthwhile.

eTRM Launch Plan

Presenter: Jennifer Barnes

Lacey Tan: Any reason not to include non-IOU PAs.

Jennifer Barnes: No, they will be addressed in the launch plan, I just neglected to include them on my slide.

Steven Long: What about putting survey link from DEER page? On how people use DEER. How would you interface with DEER?

Pierre: You mentioned interface with EM&V people. A shame that they aren't program planners. So, you are going to end up with eTRM skill across the discipline. Any talk of developing a cottage industry around working in the eTRM? Do we want to keep an eye out for these people and query them?

Doug Mahone: I'm thinking about all the objections that could be thrown up by CPUC staff. I suspect that they will be variations of "we don't like to have change". Is there some way you can challenge them on this stuff. Thinking about "you don't sell features, you sell benefits". Lay out that these are the things that are impossible to do under DEER but easy to do with eTRM. Tailor it to the specific audience you are trying to educate so they can appreciate the benefits as they apply to them.

Jennifer Barnes: There is a long section in the launch plan laying out the justification for the eTRM across several dimensions, like IT, regulatory. But we should develop this into something shorter and presented in terms of benefits.

New Measures

Presenter: Tim Melloch



Gary Fernstrom: On the last 2, by my estimation, we've insulated every ceiling in the territory 3 or 4 times. We've done 30 years of ceiling insulation. I wonder what the remaining market is.

Jim Hanna: Do you see the IOUs submitting more measures in addition to these? Is it open or closed?

Tim: No, open. They've just said that they want to get these in by 1/1/2020.

Steven Long: Has there been any more discussion of a new avenue for introducing measures? For instance, third-party implementers.

Tim Melloch: Jennifer mentioned the workpaper improvement process that the CPUC is going to undertake later in the year.

Jennifer Barnes: And the IOUs are still open to leveraging the Cal TF to receive and review third-party work papers.

Tim Melloch: But the IOUs will still be on the hook via their ESPI scores.

Martin Vu: Did you talk about the ag bag house measure? Can you briefly describe that application?

Tim Melloch: This is a specific application. We had a generic ag fan measure but this will make it specific to a bag house. There's wide variety of customers who can use this. In the past, it was too general, so it is being rewritten to be more applicable to these.

Martin Vu: For ag dairy they have a lot of fans so I was wondering if this applied to that.

Tim Melloch: No, this is specific to bag houses.

Gary Fernstrom: No, this doesn't seem to be the cow comfort measure. This must be some other material movement type program.

Recap & Close

Presenter: Tim Melloch



The October Building Simulation Modeling workshop, which was a follow up to the May 31st Modeling Charrette, was intended to replace the September meeting. So, we intend to not meet again in person until October. At that time, we'll have new members. However, we may have another teleconference between now and then.

Gary Fernstrom: There's no substitute to meeting in person. But I find it's easier to engage in this teleconference than trying to call into an in-person meeting.

Pierre Landry: I agree. It goes back to the problem of the in person meeting not having good speakers.

Tom Eckhart: Having the new members at an in-person meeting makes sense. I agree that it was very easy to see and hear the presentation and discussion today.

Gary Fernstrom: As Jim said, you guys have done a tremendous job and have accomplished a lot.