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CALIFORNIA ENERGY COMMISSION

In the Matter of:

2017 IEPR Lead Commissioner Workshop  
On Proposed Guideline Topics for  
Publicly-Owned Utilities'  
Integrated Resource Plans

Docket No.  
17-IEPR-07

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CALIFORNIA ENERGY COMMISSION

ART ROSENFELD HEARING ROOM

1516 NINTH STREET

SACRAMENTO, CALIFORNIA

THURSDAY, FEBRUARY 23, 2017

2:00 P.M.

Reported by  
Kent Odell

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P R O C E E D I N G S

FEBRUARY 23, 2017 2:00 P.M.

MS. RAITT: Good afternoon. Welcome to today's IEPR commissioner workshop on publicly-owned utilities for integrated resource planning. I'm Heather Raitt, the IEPR Program Manager.

Just I'll quickly go over housekeeping items.

If there's an emergency please follow staff to evacuate the building diagonal and across the street to Roosevelt Park.

Today's workshop is being broadcast through our WebEx conferencing system and parties should be aware that you're being recorded. We'll post the audio recording on the Commission's website in a couple of days and a transcript in a few weeks.

At the end of the workshop we will have an opportunity for public comments and we'll limit comments to three minutes per person. And when it comes time to comment you can just come to the center and identify yourself to the court reporter, please, in the room.

For WebEx participants, you can use your "Raise your Hand" function to let our coordinator know you would like to make a comment.

1           And I think that's it.

2           And public comments we request are due on  
3 March 9th and the notice for the workshop provides  
4 all the information for submitting comments.

5           Commissioner.

6           CHAIR WEISENMILLER: Thank you, everyone,  
7 welcome back. Obviously, this morning we were  
8 dealing with general questions of translating 350  
9 into greenhouse gas goals. As I indicated this  
10 morning, obviously the integrated resource plans are  
11 planning exercises to look at your potential tools  
12 to meet the requirements to basically reduce  
13 greenhouse gas emissions, and we talked a lot this  
14 morning about the relationship between the scoping  
15 plan, you know, both the Energy Commission and the  
16 PUC processes and how we really need to worry about  
17 consistency across those.

18           Now having said that, we now get to the  
19 next stage on the discussion, which is we need to  
20 come up with some sort of guidelines, instructions  
21 so that basically marching through the IRP process  
22 we can actually make sense out of your filings, so  
23 this afternoon's conversation will sort of work  
24 through that issue.

25           Obviously, we will go through the staff

1 presentation and then start with some questions from  
2 folks, and then move on to public comments.

3 MS. RAITT: So our speaker today is Garry  
4 O'Neill-Mariscal from Energy Commission staff.

5 MR. MARISCAL: Good afternoon,  
6 Commissioner, public. Thank you guys for joining us  
7 this afternoon. I wanted to send a special thanks  
8 to Heather and her team for hosting two workshops  
9 for us today. I know that was a tremendous effort  
10 them, and I thank you.

11 So before I begin I wanted to just make one  
12 thing clear that came up in a conference call we had  
13 with some of the POUs yesterday, that I just wanted  
14 to make clear that this is a staff proposal and  
15 we're looking for comments and information on how we  
16 can make this proposal better before we draft our  
17 guidelines. I just wanted to make sure that  
18 everybody was aware of that.

19 Under SB350 Energy Commission has some  
20 roles and responsibilities that were given to us.  
21 Some of these roles include developing these  
22 guidelines to govern the IRP process for POUs. We  
23 also have roles for submitting any recommendations  
24 for any deficiencies we find in the plans. So there  
25 are some other roles and responsibilities that are

1 implied by these, such as data collection and  
2 analysis of the IRPs themselves.

3 Under the statute there are 15, 16 POU  
4 that would be subject to these IRP requirements.  
5 Missing from this list is San Francisco, we heard in  
6 the last -- in this morning's workshop that they may  
7 actually be still considered a POU and a CCA, so  
8 that will be something that we will have to talk  
9 about going forward.

10 We have held one direct IRP workshop and  
11 then two separate very targeted workshops on  
12 transportation electrification and POU renewables.  
13 Those workshops are up on the screen. We have used  
14 the comments from these workshops to build this  
15 staff proposal, and hopefully we have been  
16 responsive to a lot of the things we've heard.

17 So the SB350 requirements for POU include  
18 a GHG emissions target by 2030 that needs to be set,  
19 which we were talking about this morning, and then a  
20 procurement of 50% renewables by 2030, as well as  
21 some subcategories built into the law.

22 In this slide we have a snapshot of current  
23 zero or low carbon non-renewable resources that POU  
24 are currently procuring. This gives us an idea of  
25 what work still needs to be done to meet the



1 overarching goals of SB 350, which is to reduce the  
2 carbon footprint of the POUs.

3           So some of the requirements of SB 350 that  
4 we have looked at when we were drafting the staff  
5 discussion paper were that POUs need to address the  
6 energy efficiency and demand response programs,  
7 energy storage, transportation electrification,  
8 resource adequacy, and system and local reliability.  
9 Some of these topics will need to be addressed  
10 directly or some of them need to be provided to us  
11 in some sort of a narrative format, which we will  
12 provide guidance on in the guidelines.

13           The staff paper was our first attempt at  
14 drafting language that we would hope to move over  
15 into the guidelines in a couple of months, and some  
16 of the guiding principles we used when we were  
17 putting together the staff paper was that POUs are  
18 different from a lot of the IOUs and they're  
19 different from themselves. It's a diverse group of  
20 utilities and we want to make sure we recognize  
21 that.

22           We also recognize that we need to be able  
23 to aggregate the data that is submitted with the  
24 IRPs so that we can analyze and report to the  
25 Legislature on the progress of POUs going forward

1 and what they are actually planning.

2           One of the other more important things that  
3 we are taking a look at is how to leverage existing  
4 data requirements, data collection reports that the  
5 POUs are already submitting to the Energy  
6 Commission. We are strongly encouraged by law to  
7 take a look at these things and how to align those  
8 with the Integrated Energy Policy Report timeline.

9           So this is a brief overview of our staff  
10 proposal. It says proposed guidelines on here but  
11 this is an overview of our staff proposed discussion  
12 paper. I'll go over specifically each of these  
13 points.

14           The discussion paper was split into four  
15 topic areas. The first topic area identified some  
16 of the more administrative things; when the report  
17 should be due to the Energy Commission, some of our  
18 legal standards, dates that were actually carried in  
19 from the law itself which cannot be changed.

20           Some of the things that we have proposed is  
21 when the POUs actually submit the IRPs to the Energy  
22 Commission. That is something that is not addressed  
23 by the law and we recognize that there may be things  
24 that need to be changed after the board adopts an  
25 IRP. At this time the Energy Commission is

1 proposing a July 31, 2019 date for the first IRPs  
2 submitted to the Energy Commission.

3           Within the guidelines themselves we will  
4 also have information about requesting  
5 confidentiality. These will fall within the Energy  
6 Commission confidentiality regulations. There  
7 shouldn't be much different there from other  
8 confidentiality requests that we have.

9           One of the things Energy Commission staff  
10 will need to is review the IRPs for completeness and  
11 identify any deficiencies, and we will be developing  
12 in the guidelines a process for review and  
13 discussion with the POUs. At this time we're  
14 proposing the requests for response to those  
15 comments or requests for more information be  
16 responded to us or presented back to us within 30  
17 days of that request.

18           Continuing on in Topic 1. We are proposing  
19 a four-year update of the IRPs. This was we were  
20 looking at a four-year update cycle to coincide with  
21 our IEPR related activities.

22           One of the things that we noted when we  
23 were talking about setting a four-year reporting  
24 requirement was that this actually aligns well with  
25 existing reporting requirements that the POUs

1 already do, and I'll go into that a little bit  
2 further.

3 A couple slides down.

4 The other thing we were proposing is that  
5 the analysis that supports the IRP be undertaken  
6 within the two years prior to the analysis being  
7 submitted to the Energy Commission. This is the  
8 idea behind this is that we want to make sure the  
9 data that is being used to conduct the IRP is not --  
10 and I'm going to use air quotes -- "old" and we want  
11 to make sure that it's fresh.

12 And then the planning horizon for the IRP  
13 we have suggested that the planning horizon go  
14 through 2030 to match up with the GHG reduction  
15 goals and the RPS.

16 So back onto the four-year reporting cycle  
17 that we had suggested. The Energy Commission is  
18 attempting to leverage and coordinate IRP data  
19 collection with other POU reporting requirements.  
20 As the first stage of this staff looked at the  
21 timing of developing and submitting IRPs with other  
22 legislative mandated reports such as the energy  
23 efficiency potential study and the energy storage  
24 report, which we believe would feed directly into an  
25 -- could potentially feed directly into the IRP.

1           Also, staff noted that the IEPR resource  
2 plans are due by biennially to the Energy Commission  
3 and the reporting requirements under that are going  
4 to be very similar to the reporting requirements  
5 that we would see under an IRP, the type of data  
6 that we would need to analyze the IRP.

7           So on the screen here we've got the dates  
8 for the energy efficiency potential study and when  
9 the energy storage reports are due.

10           And so this is kind of a comparison of the  
11 two options of a four-year staff proposal and then  
12 the five-year alternative.

13           What we see here is that there would only  
14 be two years under a five-year alternative that  
15 would coordinate with the IEPR resource plans, and  
16 if we use a two-year freshness on the data that  
17 feeds into the IRP, there wouldn't be much  
18 coordination with the energy efficiency potential  
19 study and there would not be much coordination with  
20 the energy storage report.

21           One of the other things that we noted is  
22 that many POU's are already meeting or exceeding this  
23 four-year frequency. We found that 11 affected POU's  
24 already develop IRP type documents more frequently.

25           And because the IRPs will be used to inform

1 policy makers, having a quadrennial reporting  
2 framework will work well with the IEPR, which is the  
3 Energy Commission's primary report to the Governor  
4 and the Legislature.

5 So the next topic we have is data  
6 reporting.

7 Staff is proposing standardized reporting  
8 requirements under the IRPs. Standardized reporting  
9 is necessary to allow staff to compile and report on  
10 POU IRPs to policy makers. Staff are proposing that  
11 these following four tables be provided with the  
12 IRPs and submitted to the Energy Commission.

13 The first two tables should be pretty  
14 familiar. These are based off of the IEPR supply  
15 forms and should be very similar.

16 The bottom two tables represent compliance  
17 with the RPS and the GHG accounting table. These  
18 are two additional requirements under the IRP that  
19 we need to take a look at.

20 RPS compliance table would provide  
21 information to track existing and planned renewable  
22 procurement and REC transactions through the study  
23 period. This is a forward looking table and it's  
24 not intended to track historic RPS compliance in any  
25 way.

1           The GHG emissions accounting table is also  
2 intended as an accounting table for the particular  
3 IRP scenario that is submitted to the Energy  
4 Commission and its various measures. The purpose of  
5 this table is to inform on the trajectory of the  
6 emission reductions and demonstrate how the scenario  
7 will achieve individual utility emissions targets.

8           Topic 3 of the paper went over reliability,  
9 storage, and distributed generation. These are the  
10 types of information that we would expect to see  
11 within the IRP. We will be providing guidance on  
12 what we would like the IRP to address and to what  
13 extent. We would also provide guidance on what we  
14 would expect actual data reported to the Energy  
15 Commission and what can be just provided as far as a  
16 narrative format.

17           On Topic 4 goes over demand size resources.  
18 Within this, in addition to the elements for  
19 electricity demand identified and the data reporting  
20 there should also be a discussion about the demand  
21 forecast. This discussion should include things  
22 that are expected to affect the demand forecast such  
23 as economic conditions, demographic changes and  
24 demand side resources that are expected to be  
25 deployed. Also included in forecasts should be

1 impacts from transportation electrification, energy  
2 efficiency and other demand response programs.

3 One of the things I would note on this page  
4 is that as part of the guidance POU's are encouraged  
5 to make use of the 2017 IEPR transportation energy  
6 demand forecast as part of their planning efforts.

7 So in Topic 5 we have other IRP content.

8 In order to facilitate aggregation of  
9 resource plans to check for overall state progress  
10 on energy policy goals, staff is proposing that POU's  
11 use the following standardized input assumptions.

12 Some of the following are what we are proposing in  
13 the staff paper.

14 We are proposing that POU's use standard GHG  
15 emission costs, light duty plug-in electric vehicle  
16 GHG emission savings and associated electric loads  
17 per vehicle. The same forecast for light duty plug-  
18 in electric vehicle deployed through 2030. A GHG  
19 emissions intensity for existing supply resources  
20 other than utility owned resources. GHG emissions  
21 intensity for traded energy. Load forecasts for  
22 regions outside the under the influence service  
23 territories. And transmission import and export  
24 constraints. And ISO transmission access charges.

25 Staff is proposing that we would prepare a



1 lot of this information and post it on our website  
2 for POU's to use.

3 One additional thing that is covered on  
4 this slide is that staff is proposing that at least  
5 one scenario within the IRP process be developed in  
6 which the POU meets or achieves the GHG reduction  
7 goals for that POU.

8 Risks and uncertainties pertinent to a  
9 particular POU and submitted scenario should be at a  
10 minimum be discussed. POU's are also encouraged to  
11 perform additional scenario analysis and/or  
12 sensitivity analysis to assess the risks and  
13 alternatives. But at a minimum the IRP submitted  
14 must contain at least one scenario that achieve the  
15 utility's specific targets.

16 And in Topic 4 we discussed demand side  
17 resources.

18 Other outstanding issues. So there are  
19 four topics that are being handled outside of the  
20 guidelines development that we wanted to go over,  
21 and we touch on it in the discussion paper.

22 One of the topics is the GHG emission  
23 reduction targets that we were talking about in the  
24 presentation or the morning workshop. That process  
25 will be handled outside of the guidelines

1 development.

2           The ARB is working with the Energy  
3 Commission and state to develop a statewide and  
4 economy wide GHG reduction targets. These targets  
5 will be used to inform what the POU specific targets  
6 will be.

7           Energy efficiency targets will be handled  
8 which will address the doubling of the energy  
9 efficiency within SB 350 will be handled separately  
10 in a separate proceeding at the Energy Commission  
11 through an IEPR process.

12           RPS guidebook updates will be handled also  
13 through a separate process within the Energy  
14 Commission, including updates to POU regulations.

15           And then GHG emissions intensity. So the  
16 power source disclosure program under AB1110  
17 requires that the utilities submit GHG emissions  
18 along with the procured energy under the power  
19 source disclosure program.

20           And the emissions intensity, there are  
21 questions about what emissions intensities will be  
22 used. We will be working with the renewable energy  
23 division to make sure that we are coordinated with  
24 whatever GHG emissions accounting is used under the  
25 power source disclosure program will be used or

1 provided as guidance within the IRP document.

2           So as next steps, comments on the  
3 discussion paper are due March 9th. We want to  
4 apologize for getting the discussion paper out so  
5 late for this workshop. I know that most people  
6 haven't had a chance to fully digest the information  
7 within there, but we would hope that you can have  
8 time to review and provide comments by March 9th on  
9 the document.

10           On April 6th we expect a staff workshop on  
11 the GHG targets discussed this morning.

12           In May we expect a Commission workshop on  
13 our draft guidelines. This will be a second time  
14 for you to weigh in on what we are actually thinking  
15 will be in the guidelines themselves, and be the  
16 first time for you to review and provide comment on  
17 those.

18           In July we expect to be able to adopt final  
19 POU IRP guidelines.

20           This would lead into a January 1st and  
21 January 31st dates for adopting and submitting the  
22 IRPs to the Energy Commission.

23           With that, I would like to open it up to  
24 the dais for any comments or questions.

25           CHAIR WEISENMILLER: On the last next

1 steps, first why don't you just remind people of  
2 when 350 has a requirement for getting the first  
3 IRPs through.

4 MR. MARISCAL: The first IRPs are due to be  
5 adopted by the POU's on January 1st, 2019, and we are  
6 proposing that they be submitted to the Energy  
7 Commission by January 31st.

8 CHAIR WEISENMILLER: And what I wanted to  
9 do next was, since the paper did go out late and,  
10 but I mean, typically what happens is the written --  
11 for the utilities to go back, run their comments  
12 through management, etcetera, they tend to be more  
13 reflected in the written comments as opposed to the  
14 verbal comments at the workshop, but I thought it  
15 would make sense to invite the POU's up and just have  
16 the opportunity for them to ask questions of you  
17 about the presentation and the paper so that we can  
18 at least try to clarify any misunderstandings before  
19 they get to actually writing up their written  
20 comments.

21 So anyone that has questions, come on up.

22 MR. TUTT: Good afternoon. It feels like  
23 déjà vu all over again.

24 CHAIR WEISENMILLER: Yeah, but this part  
25 does include that you get to ask questions, so

1 smaller audience and less time to prepare. So,  
2 anyway.

3 MR. TUTT: I guess in terms of questions,  
4 one question I had was will the IRPs that are  
5 submitted replace conceptually the RPS procurement  
6 plans that are in the RPS regulations right now? I  
7 know those aren't updated on a regular basis but it  
8 seems like conceptually they have the same function.  
9 I was wondering if there's any official notice of  
10 that.

11 MR. MARISCAL: Officially we haven't taken  
12 a look at that, but that is definitely something  
13 that we could take a look at and see what overlap  
14 there would be between the reporting requirements.

15 CHAIR WEISENMILLER: Yeah, one of our goals  
16 is to minimize overlapping of reporting  
17 requirements, so if there's a way that this can feed  
18 into that or vice versa that makes a lot of sense.

19 MR. TUTT: Okay. And then there's some  
20 discussion about covering ramping flexibility  
21 resources or ramping flexibility in the document,  
22 and I just wanted to confirm that that ramping  
23 flexibility stuff isn't part of the capacity table.  
24 Maybe it's a narrative description or something else  
25 of that sort?

1 MR. VIDAVER: This is Dave Vidaver, Energy  
2 Commission staff. I think we're anticipating that  
3 you provide an indication that the portfolio you  
4 develop has sufficient dispatchable capacity that  
5 can move quickly enough to meet whatever resulting  
6 that load shape comes out of the set of renewables  
7 that each of you is to put in your portfolio and all  
8 the other hydro and other dispatchable resources you  
9 have.

10 So I think it's an open discussion as to  
11 how rigorous the amount of data that you'd be asked  
12 to provide, but whether that would have to be the  
13 extent to which that would have to be quantitative  
14 and look at maybe two periods in the year during  
15 which your ramping requirements are kind of high, or  
16 whether it could be satisfied by a narrative.

17 My guess is it would depend on the utility.  
18 Some utilities really won't have any kind of problem  
19 and could demonstrate that with some kind of stacked  
20 graph which shows we're not going to have any real  
21 problems, and others might have a harder time  
22 convincing us that the portfolio they're proposing  
23 is going to accomplish a task.

24 Does that address your question or just  
25 confuse you more?

1           MR. TUTT:   Probably halfway in between  
2 those two.

3           MR. VIDAVER:   Any input you provide us  
4 between now and the time we develop draft guidelines  
5 regarding what you and the POUs individually and  
6 collectively feel would be appropriations and doable  
7 would be greatly appreciated.

8           MR. TUTT:   Okay.   There's a part in the  
9 document that talks about looking at local  
10 reliability issues out to 2030.   I'm probably beyond  
11 my expertise here, but my understanding is that  
12 usually that kind of resource adequacy question is  
13 looked at in a much shorter time horizon.   I'm  
14 wondering if you really intend that.

15           MR. VIDAVER:   Local resource adequacy  
16 requirements as imposed by the ISO and the CPUC are  
17 composed on a year-end basis, but they're looked at  
18 over a much longer timeframe.   That's how the CPUC  
19 does long-term procurement, for example.   So we  
20 would like the same sort of look by the utilities.

21                       We have transmission constrained areas  
22 which are going to prevent us from reducing or  
23 eliminating gas fired capacity in certain areas  
24 we're going to result in must run constraints which  
25 are going to limit our ability to reduce gas fired

1 generation in these areas. Here are some of the  
2 transmission considerations that we've looked at in  
3 the past or are currently considering.

4 We're not going to ask, I don't believe,  
5 for you to say exactly how you're going to solve  
6 these constraints or whether or not it's economic to  
7 come up with a transmission solution or not, but  
8 just to discuss some sort of more generally.

9 MR. TUTT: Okay. I had a question or two  
10 about the transportation aspects of this.

11 I think, Garry, in your presentation you  
12 said that a forecast of transportation  
13 electrification would be made available for POUs to  
14 use, but I think in the document it says POUs should  
15 use the state's transportation electrification  
16 forecast, and I'm wondering if that's an option,  
17 because many of us have our own forecasts of our own  
18 transportation electrification that we would  
19 probably prefer using in our IRPs.

20 MR. MARISCAL: That's a good comment. I  
21 would just strongly urge you when you're reading the  
22 discussion paper to read the entire thing as a staff  
23 proposal despite the language. If you believe that  
24 you have a better forecast to use, please submit  
25 that written comments and make sure that it gets



1 addressed in the guidelines.

2 MR. TUTT: Okay. I think there was another  
3 transportation question I had. We're supposed to be  
4 looking at providing information about the number  
5 and type of electric vehicles. And what kind of  
6 detail do you mean by type, is it Tesla?

7 MR. VIDAVER: Working with ARB and the  
8 Public Utilities Commission staff we've developed a  
9 spreadsheet based tool which allows the utilities to  
10 choose the number of light duty electric vehicles  
11 that they are assume are deployed through 2030, and  
12 using assumptions we provide about the operating  
13 characteristics of electric vehicles and the  
14 composition of the fleet which is used to create a  
15 composite vehicle.

16 The tool has just come out. I think you're  
17 welcome if we divide the electric vehicle fleet into  
18 three different types of vehicles with a unique set  
19 of operating characteristics that are combined to  
20 create a composite vehicle and associated GHG  
21 emissions savings per vehicle deployed.

22 If you're in the city of Palo Alto and you  
23 think your vehicle fleet's going to be 97 percent  
24 Teslas, you're welcome to go in and change that set  
25 of default assumptions that we've put in place.

1           If a utility does go in and change the  
2 assumptions we've got in place, they just need to  
3 explain why they've done that, and between now and  
4 the time the final guidelines are put together we'd  
5 be happy to hear any comments you might have about  
6 the accuracy of that forecast of what the composite  
7 fleet's going to look like.

8           MR. TUTT: All right. Thank you. I think  
9 the last comment or question I have is about some of  
10 the standardized inputs.

11           As an example, light duty plug-in electric  
12 vehicle GHG savings, I don't know if that's a net or  
13 a gross number. I think it might be different in  
14 different service territories. GHG emissions  
15 intensity might be different in different service  
16 territories. There's just a lot of questions about  
17 how much should be standardized here in my mind.

18           MR. VIDAVER: Would you like a response to  
19 that? We generally agree with you. The emissions  
20 intensity, the marginal energy that's needed to fuel  
21 the electric vehicle fleet is entirely up to the  
22 utility, however they estimate the emissions  
23 associated with marginal generation is entirely up  
24 to them, we wouldn't presume to prescribe that.

25           Regarding emissions intensities of either

1 specific resources or trade energy, we think we're  
2 on pretty solid ground in knowing what those numbers  
3 are based on historical data, much of it from ARB,  
4 and we're going to propose data sources and  
5 associated values and you'll get those with the  
6 draft guidelines and have a chance to comment on  
7 them then.

8 MR. TUTT: Okay.

9 MR. COLDWELL: So just a quick comment. So  
10 let me start by saying Commissioner Scott sends her  
11 regrets for not being able to attend this  
12 afternoon's workshop but as the lead Commissioner on  
13 transportation she's really interested in the  
14 transportation electrification piece of the IRPs, so  
15 kind of as a follow-up to the comment that you made  
16 a minute ago about using your own transportation  
17 electrification forecast, we'd be hopeful that you'd  
18 be willing to submit that into our IEPR process so  
19 we can learn from that.

20 MR. TUTT: Certainly I think we would be  
21 willing and open to doing that. It's usually part  
22 of our demand forecast, but if it's hidden in there  
23 in a way that's difficult to parse out, I'm sure  
24 we'd be willing to provide a separate document.

25 MR. BERG: This is Tim Berg from Imperial

1 Irrigation District. I would second a lot of the  
2 comments that SMUD made, especially around the  
3 detailed inputs and the level of detail that are  
4 required in the inputs.

5 We do have an existing integrated resource  
6 planning process that we do today, and that process  
7 represents the demographics of our region and  
8 localized inputs for localized requirements from our  
9 governing board and how those match up and align  
10 with these where we'll be providing lots of comments  
11 like the details around the electrification of  
12 vehicles.

13 And that leads to another question of the  
14 flexibility in the resource plans of the type of  
15 resources to meet the greenhouse gases. We had  
16 created an IIDEA plan already that looks at our RPS  
17 requirements and our GHG based upon the old targets,  
18 and we're right there at 2030.

19 Now we're having to redo the plans to  
20 figure out how we meet the changing targets, and  
21 then that means a whole reevaluation of the  
22 resources in the plans to meet those multiple  
23 targets.

24 So we'll be giving a lot of comments back  
25 on the flexibility that we think is required to

1 reflect the local demographics of our region. As  
2 you know, we have a lot of disadvantaged customers  
3 in the IID service territory, so some of the things  
4 that seem apparent and simple in other regions  
5 aren't apparent and simple for us and we need the  
6 flexibility.

7 CHAIR WEISENMILLER: I'm just going to  
8 remind people, I think (inaudible) is probably the  
9 only one here besides myself who is here in the  
10 biennial report I think is number two, but anyway, I  
11 had the opportunity to work at the Commission at the  
12 time and (inaudible) about a year on the assumptions  
13 saying they just didn't make any sense. And a  
14 couple years later I was helping LADWP do the  
15 strategic plan, and so what were you thinking?  
16 Well, we just didn't take it seriously, we just  
17 filled it out. We thought you guys wouldn't take  
18 our stuff seriously either and we're sorry you  
19 wasted so much time demonstrating what we filed made  
20 no sense.

21 So bottom line is take your filing  
22 seriously, although I realize there will be  
23 variations on a local level.

24 MR. BERG: Right.

25 MR. TUTT: And Chair Weisenmiller, we

1 certainly will be taking these filings seriously.

2 MR. BERG: Very seriously, yes.

3 MR. TUTT: And in large part because we're  
4 first going to have to present them to our governing  
5 boards and have those bodies adopt them. Not that  
6 we don't take you seriously, but that's clearly  
7 something we take seriously.

8 MR. BERG: And I would echo that, like I  
9 already did. Our local responsibility to our local  
10 governing board.

11 CHAIR WEISENMILLER: No, that's good. I  
12 mean, this is going to be a challenge to transform,  
13 obviously, how all of us do business, and probably  
14 the challenge over the next couple years is getting  
15 the IRP process right and coordinated across the  
16 three agencies on that. So again, thanks for your  
17 participation in our efforts moving forward.

18 MR. LESCH: Scott Lesch, Riverside Public  
19 Utilities. I wanted to come back to the ramping  
20 requirements discussion.

21 For those of us who are in the ISO and are  
22 smaller POU's, at least compared to SMUD or LADWP or  
23 IID that's a balancing authority, how do you want us  
24 to try to address some of these questions and to  
25 what extent are you working with the ISO to

1 identify, for example, forecasts of future FRACMU  
2 costs of integration costs, because we really don't  
3 have that information available to us.

4 MR. VIDAVER: We're not working with the  
5 ISO to develop forward looking estimates of FRACMU  
6 costs. I don't believe staff envisions your  
7 analysis of the ramping needs or flexible capacity  
8 needs created by your portfolio to necessarily  
9 warrant a 8,760 hour strip of your net load.

10 But on the other hand, you are going to  
11 develop a renewable portfolio. In all likelihood  
12 it's going to have a lot of solar in it. Your  
13 customers are going to be putting solar on their  
14 rooftops and your load shape and your net load shape  
15 are going to change substantially over the next 13  
16 years, perhaps. I would argue that it's likely.

17 This means that the requirement the ISO  
18 imposes on Riverside to provide flexible capacity,  
19 which you are well aware of the criteria they use, I  
20 think it's reasonable to assume that they will base  
21 their requirements for your provision of flexible  
22 capacity on the same drivers and same methodology  
23 and you might have 20 percent more solar energy on  
24 your system than you do today, so that's going to  
25 change your obligations to provide flexible

1 capacity.

2 I don't think we're asking for a detailed  
3 sophisticated analysis of it, but it's going to --  
4 the very fact that 20 percent more of your energy  
5 might be provided by solar resources means your need  
6 for flexible ramping capacity is going to increase.

7 We would like you to discuss how the extent  
8 to which the renewable portfolio you're looking at  
9 is going to impact your need for these complimentary  
10 dispatchable resources.

11 MR. LESCH: Well, I would agree with that.  
12 I mean, I would like to discuss that too, but I need  
13 to know the costs that are associated with that, and  
14 that's not explicitly obvious to me.

15 MR. VIDAVER: Nor is it obvious to us. If  
16 you had a crystal ball, you would look at all the  
17 costs and their trajectories for everything from  
18 transmission to renewables to energy efficiency to  
19 gas fired capacity and new gas fired capacity and  
20 develop some kind of optimal portfolio, but as a  
21 planner you have to make assumptions about what the  
22 future is likely to look like.

23 We would rather you make those cost  
24 assumptions yourself rather than our telling you  
25 what they're going to be. If you would like us to



1 provide some input or recommend a source for cost  
2 estimates and forecasts, we could help you, but I  
3 don't think it's necessarily our responsibility to  
4 tell you we've just heard comments that -- you don't  
5 want us to be too prescriptive about inputs and now  
6 you're turning around and telling us you really need  
7 this input. I understand the difficulties and  
8 frustrations and we'll be happy to try and help you.

9 MR. LESCH: Yeah, I'm sorry, I didn't mean  
10 to imply that if that's the way you took it. What  
11 I'm asking is what will be acceptable to the CEC in  
12 an IRP submitted by a mid-sized POU that's not a  
13 balancing authority?

14 Yes, we can take a guess at what we think  
15 those costs might be. If we state that and lay out  
16 what we're doing, is that acceptable, because I  
17 don't --

18 MS. JONES: I think that's going to be  
19 acceptable, and I think what the staff would propose  
20 is to work with you. A lot of this we can't specify  
21 in guidelines but we would be happy to work with you  
22 to figure out what meets the intent of what's in the  
23 guidelines. So in some cases it's going to be  
24 narrative, in some cases there'll be some  
25 quantification of it.

1 Dave has a very detailed understanding of  
2 the system and so when he's explaining things, don't  
3 take it as you need to have that level of  
4 description of your system.

5 MR. LESCH: Okay. Thank you. I appreciate  
6 that.

7 CHAIR WEISENMILLER: And actually in terms  
8 of your written comments, if people want to  
9 distinguish between what might be necessary here for  
10 a balancing authority as opposed to someone else,  
11 that's, again, certainly comments on that area would  
12 be welcome.

13 MR. LESCH: Thank you. I will do that. And  
14 in fact, I'd follow up on that and say that it's  
15 quite likely that for the larger POUs, particularly  
16 ones that run balancing authorities, they'll be  
17 prepared to bring a lot of their own assumptions and  
18 inputs in and we'll appreciate the opportunity to do  
19 that. And for some of us who don't have that, we're  
20 going to be looking more to the CEC for guidance on  
21 what would you like us to use here.

22 Thank you.

23 I did have one other follow-up question, if  
24 I could, and I know there's going to be a lot of  
25 process where these things continue to get fleshed

1 out, but right now the proposal would be when you're  
2 reviewing the IRP, if you find deficiencies, you're  
3 going to, I guess, send it back to us and ask us to  
4 correct those deficiencies.

5 I'm curious as to what is going to  
6 constitute a deficiency in our case, because there's  
7 some things like if we don't supply data that you're  
8 asking for that we have, obviously that's clear to  
9 us, we need to do that. But if we cannot perform  
10 some of the modeling that is being talked about in  
11 this document, is that going to be deemed a  
12 deficiency?

13 MS. JONES: My speculation at this point is  
14 it depends on the utility and whether you do  
15 modeling. If you don't do modeling, then we would  
16 expect something different from you. So I think we  
17 will probably have to have additional discussions on  
18 what constitute deficiencies. We didn't flesh that  
19 out in this white paper and so suggestions and  
20 comments on it would be very helpful.

21 MR. LESCH: Okay. Thank you.

22 MR. WYNNE: Thank you. Good afternoon. My  
23 name's Justin Wynne. I'm here on behalf of the  
24 California Municipal Utilities Association. So just  
25 one quick initial point.

1           I understand there's some confusing  
2 statutory language, but I do not believe that the  
3 IRPs can replace the procurement plan for the RPS  
4 process. We have alternating three- and four-year  
5 compliance periods, and one, just when the statutory  
6 requirements change utilities need to update their  
7 procurement plans to adopt new excess procurement  
8 rules or anything like that, and so they need the  
9 flexibility to adopt new procurement plans without  
10 this significant lead-in time and they need to be  
11 able to do it at any point.

12           Additionally, like optional compliance  
13 measures, sometimes that needs to be adopted through  
14 a procurement plan, and so I don't think that the  
15 IRP can replace that. I think the procurement plan  
16 will obviously feed into the IRP and I think that's  
17 the appropriate way to do it, but I think they  
18 should be viewed as completely independent.

19           MS. JONES: And that's how we've proposed  
20 to view them.

21           MR. WYNNE: So one of the things that I  
22 think maybe this would be helpful just because we're  
23 still digesting this document and maybe in a follow-  
24 up conversation with staff, but I think it would be  
25 helpful to identify what in here is new information

1 that isn't already being reported in another place  
2 so that we can have a handle on what the  
3 significance of the new reporting requirements will  
4 be in here. I don't know if that's clearly spelled  
5 out or not.

6 MS. JONES: I think the one thing that  
7 would be new is the GHG reporting, which you don't  
8 do, so it would be the GHG associated with your  
9 portfolio. I would expect that the renewables  
10 information would be stuff that you would have  
11 through your procurement plan.

12 The other two tables are pretty much built  
13 off of the existing supply plans that you file every  
14 two years, so I think with the exception of that, I  
15 think that's the only new piece of data.

16 MR. WYNNE: Thank you. And just one thing  
17 as I'm going through and trying to understand some  
18 of the assumptions about the GHG assumptions that  
19 are being proposed in here. Have you considered how  
20 firmed and shaped transactions will be addressed and  
21 whether that would be assumed to have a zero GHG  
22 emissions associated with that?

23 MS. JONES: That's a good topic and we  
24 would like to hear your suggestions on how to handle  
25 it at this point. We don't have a specific

1 proposal.

2 MR. WYNNE: And then just one other.

3 I think in the discussion about the energy  
4 efficiency targets, so I think that from my initial  
5 take on this, I think it's important if the  
6 assumptions in here are to have value in predicting  
7 for planning purposes about the actions the utility  
8 needs to take, it needs to be clear that the energy  
9 efficiency assumptions are based off of the  
10 realistic expectations. And given that the doubling  
11 targets may assume actions by third parties that you  
12 can't necessarily reliability on, I think that  
13 that's one of the core issues that for this to have  
14 value it needs to be based off of realistic  
15 expectations about what will actually be achieved.

16 MS. JONES: And we agree with that.  
17 Actions that are taken by others that you don't have  
18 control over aren't things that we want to  
19 necessarily have reported. We're interested in the  
20 programs that you're investing in.

21 MR. WYNNE: Thanks. And just one final  
22 question.

23 So I see transportation electrification is  
24 called out in here. Is there an expectation about  
25 how fuel substitution for end uses would be

1 addressed in the IRP?

2 MS. JONES: We don't have a proposal at  
3 this point, so we would love to hear your comments  
4 on it. We know it's an issue.

5 MR. WYNNE: Thank you.

6 MS. DeRIVI: Tanya DeRivi with SCPA. Some  
7 of my questions were already asked.

8 One I had a question for staff on. From  
9 the April 18th workshop where the chair had asked  
10 about how to go about defining disadvantaged  
11 communities and then the comments we had submitted  
12 on May 19th, we had recommended that the CEC  
13 consider changes that local governing boards would  
14 make tailored to their communities. I noted in the  
15 introductory section that staff has recommended that  
16 we use the state defined Cal EPA information. Does  
17 that preclude local governing boards from tailoring  
18 definitions of disadvantaged communities  
19 appropriately?

20 MS. JONES: I don't think it precludes you  
21 from doing that. I think we were trying to be  
22 consistent with the SB 350 barriers report and its  
23 description of disadvantaged communities. But  
24 again, if you have better information, of course you  
25 have better information.

1 CHAIR WEISENMILLER: Yeah.

2 MS. JONES: And we'd like to have that.

3 CHAIR WEISENMILLER: But again, as I said  
4 in the barriers report, I encourage people to  
5 participate in Enviroscreen's update. I'm trying to  
6 avoid something that somehow the Energy Commission  
7 ends up with a different definition than the rest of  
8 the state, and I'm you'd probably be happier if you  
9 could convert Enviroscreen to match your criteria  
10 and the multiple approaches.

11 MS. DeRIVI: And then since it's the first  
12 bullet on the screen, had the March 19th comment  
13 deadline, since most of at least our SCPPA members  
14 didn't see this document until yesterday, and that  
15 an IRP does touch multiple divisions across a  
16 utility. Some of our utilities are very large and  
17 this touches many, many, many people. Is there any  
18 way to request an extension of that March 9th  
19 deadline?

20 CHAIR WEISENMILLER: How long?

21 MS. DeRIVI: Two weeks.

22 MS. JONES: We were thinking more like one  
23 week, but...

24 CHAIR WEISENMILLER: It's a long slot but  
25 it's important to get this piece right, so let's do



1 the two weeks.

2 I guess the other question would be whether  
3 it would make sense to have a webinar of some sort  
4 along the way so after you've done more digestion if  
5 you have more questions you can ask it. Again, I'd  
6 just as soon not have a lot of comments that are  
7 based upon mistaken understandings of where the  
8 staff's going.

9 MS. JONES: And we had a conference call  
10 with a number of the POUs earlier this week, and we  
11 will set up webexes or conference calls over the  
12 next few weeks to discuss a number of these issues  
13 as we get your comments in, so we're very happy to  
14 do that.

15 MS. DeRIVI: I would recommend since we're  
16 talking about this next week at least with the SCPPA  
17 members and eight of the sixteen POUs under the IRP  
18 are SCPPA members, we would be happy to discuss what  
19 the main topical issue areas they would like to get  
20 more clarification from once they've had a time to  
21 actually review a 37-page document and get back with  
22 staff on what topical webinar issues they would like  
23 to discuss with the rest. I'm assuming that the  
24 four NCPA members, SMUD and the IDs would probably  
25 also be willing to do that too if we could identify

1 those topics for discussion.

2 MS. JONES: That would be very helpful.

3 CHAIR WEISENMILLER: I think I sort of,  
4 again, there's obviously a tradeoff between webinars  
5 and phone calls. I have no idea whether anyone else  
6 is going to want to participate in the webinar but I  
7 have a bias toward public processes.

8 MR. WYNNE: Justin Wynne for CMUA. So I  
9 had one other question.

10 One of the code sections that is cross  
11 referenced to is Public Utilities Code Section  
12 454.52 -- I forget the subdivision, (f), which  
13 references the term "local communities." And the  
14 CPUC just sought comments on how that is defined in  
15 reference if it means disadvantaged communities or  
16 if it means something different. We did provide  
17 comments to the CPUC on that, but I don't recall  
18 seeing that term defined in here and I don't know if  
19 you've given a thought to how you define that terms.

20 CHAIR WEISENMILLER: And I don't see one of  
21 my attorneys up there but you might want to just  
22 file as part of your comments your comments you made  
23 to the PUC on that topic.

24 MS. JONES: We haven't thought about it  
25 yet.

1 MR. WYNNE: Okay. I was just seeking  
2 clarity. It isn't defined in here.

3 MS. JONES: It isn't defined there, no.

4 MR. TUTT: This is Tim Tutt from SMUD  
5 again. I had another question about the greenhouse  
6 gas accounting tables.

7 So Justin asked a little bit about how  
8 firmed and shaped might work. This document says  
9 that the estimates of GHG emissions that we file  
10 should be consistent with the values reported to the  
11 ARB under the MRR, and we do report those values but  
12 in many cases that doesn't really clearly reflect  
13 our carbon footprint.

14 One example, we can under the RPS use  
15 unbundled recs for up to ten percent of the  
16 obligation and there's no change in our GHG  
17 reporting to CARB based on that purchase of  
18 unbundled recs, but we certainly think of it as  
19 carbon free power when we're talking to our  
20 customers.

21 There's other examples of that kind of  
22 thing where the obligations reporting to CARB is  
23 significantly different from the carbon footprint we  
24 see for our retail customers.

25 MR. VIDAVER: I think, I'm not exactly

1 certain what part of the discussion paper you're  
2 quoting, but the consistency we were seeking was in  
3 terms of the emissions intensity of both specific  
4 generation resources and traded power, so if CARB  
5 has an emissions intensity for a specific  
6 carboniferous resource that a utility contracts  
7 with, the emissions intensity reported by the  
8 utility should match the value that CARB uses.

9           Similarly for traded power. CARB uses a  
10 value for imported power, emissions intensity for  
11 imported power. We would suggest that you use a  
12 similar emissions intensity in your reporting for  
13 market purchases. I think that was our intent.

14           In the GHG emission reporting let's use the  
15 unbundled recs as an example. You would report the  
16 forecasted purchase of unbundled recs and purchase  
17 of market power or firming and shaping power that  
18 had a carbon content. If that was broken out, we  
19 would know the value, assuming that the power  
20 purchased and used to firm and shape had a positive  
21 carbon value or a zero carbon value.

22           MR. TUTT: We'll work on it.

23           CHAIR WEISENMILLER: And actually, Tim, in  
24 your comments if there are areas where we need to be  
25 pulling in the ARB on a discussion on the

1 guidelines, also flag those.

2           Again, you know, we talk a lot about the  
3 energy intensity and, as you know, the ARB is much  
4 more mass balanced, so just as soon have this  
5 process basically all fit together.

6           MR. TUTT: Yeah. I mean, there potentially  
7 are areas where we'd at least want to discuss with  
8 the ARB how things are reported there and how they  
9 can be consistent or whether they can be thought of  
10 as inconsistent and that would be okay.

11           MS. BERLIN: This is Susie Berlin for NCPA  
12 and I had a couple overarching questions.

13           My first question is, is the switch, I  
14 guess, to tie this in directly with the IEPR, so in  
15 this docket when we first started talking about  
16 implementing this provision it was a separate  
17 docket, 16 (inaudible) and then there were a  
18 separate aspect of it. And I know that for the 2017  
19 IEPR within the scope is assessment of the various  
20 IRPs that are filed by the LSEs and the POUs.

21           But I'm wondering why there's not still a  
22 separate (inaudible) where we look at just putting  
23 together this plan, because the information that's  
24 submitted for the IEPR itself is not the only  
25 element here. You know, we still have the RPS

1 reporting, we still have the other reports, so I was  
2 wondering about what the shift was to link it so  
3 closely to that document.

4 CHAIR WEISENMILLER: It's a good question  
5 and one of the ones we're struggling with. As you  
6 know, we've been having at the business meeting  
7 reports because the 350 basically cuts across what  
8 I'll characterize as our various silos, you know, be  
9 it renewables, be it energy efficiency, and at the  
10 same point the IEPR is more of an opportunity for  
11 dialog back and forth.

12 So, again, I see the IEPR trying to more  
13 pull the threads together even though there can be  
14 very detailed stuff elsewhere, and certainly going  
15 forward, again, it's sort of an umbrella but we're  
16 sort of struggling with how to keep within the  
17 construct of me being basically trying to make sure  
18 that I'm coordinating with Commissioner Scott,  
19 Commissioner McAllister, Commissioner Hochschild,  
20 you know, how do we do that in a Bagley-Keene  
21 compliant fashion.

22 So we're trying to do all this in a very  
23 public process, but you certainly -- having  
24 hearings, we certainly picking it up at every  
25 business meeting to keep everyone tied together. So

1 it's a struggle, but as I said, it's basically  
2 trying to unite across different silos and different  
3 Commissioners in a way that's consistent with  
4 Bagley-Keene.

5 MS. JONES: I was just going to add that  
6 looking at SB 350, we have to report as part of the  
7 IEPR on POU progress, and so I think it makes sense  
8 to have it incorporated in the IEPR for that reason  
9 as well.

10 MS. BERLIN: Okay, thank you. Another  
11 question I have is, maybe this is something you're  
12 going to tell us you're looking for questions on,  
13 but can you tell us a little bit more about how you  
14 envision the interaction between MRR reporting,  
15 which ties into GHGs 1110 and the power source  
16 disclosure and how that fits in with the GHG  
17 reporting that's envisioned here, because it seems  
18 that there's a lot of different moving parts here.

19 CHAIR WEISENMILLER: There are moving  
20 parts, and frankly, the agencies are going to have  
21 to coordinate. As I said, certainly the reality is  
22 that under 350 we're coordinating -- the ARB  
23 certainly, as you know, has a lot more expertise on  
24 air quality regulation and compliance following.  
25 you know, it's pretty clear who is going to do the

1 clean power plant compliance filing, right?

2           So at the same time, as we go forward  
3 trying to figure out how to tie this together,  
4 particularly given our responsibilities and the  
5 legislation on power disclosure is certainly at  
6 least an interesting question.

7           But I think certainly suggestions on how to  
8 us and basically to the extent you're flagging  
9 issues where we need to make sure we're coordinating  
10 carefully with the ARB, and at the same time you can  
11 tell from this morning we're trying to make sure as  
12 much as we can that the PUC doesn't go in a totally  
13 different direction from where we're going, but it's  
14 not going to be easy.

15           MS. BERLIN: Thank you. This question I  
16 guess is directed for staff.

17           In a couple places you talk about  
18 decomposing the data. What's that going to entail?

19           MS. JONES: Just specify it. Just call it  
20 out. Maybe that was the wrong word to use. It's  
21 not a sophisticated decomposing, it's simply  
22 delineating it on the table. I think the two  
23 references are to the table and maybe one of them  
24 was on demand side resources. We wanted to have it  
25 split out by energy efficiency, demand response, the



1 different categories there. That's as sophisticated  
2 as we're getting.

3 MS. BERLIN: Okay. Thank you.

4 Another thing that I'm struggling with  
5 overall is the interaction between the energy  
6 efficiency targets and this morning's workshop, if  
7 you will. Where does that fall in? Where are we  
8 going to account for energy efficiency and how will  
9 that be above the line, below the line? That's just  
10 something that's going to remain a challenge.

11 CHAIR WEISENMILLER: I'll let my colleague.  
12 Actually, he's gone through some pretty detailed  
13 work plans on exactly how the energy efficiency part  
14 fits in, and again, the idea of saying the IRP is  
15 integrating across pieces, but certainly go ahead.

16 MR. EARLY: Yes, Mr. Chair.

17 MS. BERLIN: I'm sorry. So part of that  
18 question is then is it going to be specifically  
19 removed or at least part of it from the GHG target  
20 that's envisioned under the scoping plan? So it's  
21 kind of two parts.

22 MR. EARLY: Mr. Chair, Brian Early, I'm  
23 Commissioner McAllister's adviser, who also could  
24 not attend today, he's traveling.

25 So on the component of linking the energy

1 efficiency targets with the IRP process, I think our  
2 understanding is there's a separate sort of parallel  
3 process, and we really appreciate the cooperation  
4 and collaboration we've been having with you all on  
5 the process of establishing the SB 350 energy  
6 efficiency targets.

7           So the Energy Assessment Division is  
8 engaged right now, as we discussed in a January 23  
9 workshop, an analysis of the savings that we can  
10 expect to achieve from POU programs. So we're  
11 anticipating that a paper will be published prior to  
12 a June 19th workshop, and then that analysis will  
13 get folded into a September workshop.

14           So we're going to be syncing this up in a  
15 sense that whatever portion of the statewide  
16 doubling target that is assigned through that  
17 process to the POUs and the mechanism of the  
18 assigning the savings is going to be the work that  
19 you are all engaged with EAD in terms of analyzing  
20 your current potential goals study and figuring out  
21 what is a cost-effective and feasible target, which  
22 is going to be a part of that doubling target.

23           So whatever component of the doubling  
24 target is assigned to POUs, I would expect would be  
25 explicitly called out in your IRPs. So that's, in

1 my mind at least, the linkage between the two.

2 That's correct, yes.

3 CHAIR WEISENMILLER: Again, we've had like  
4 three workshops on that topic so far, energy  
5 efficiency doubling. And as he indicated, there are  
6 more like three left.

7 MR. EARLY: Yes.

8 MS. BERLIN: So going back to this  
9 morning's workshop then, the statewide doubling will  
10 be removed from the range that's anticipated when we  
11 look at the scoping plan target?

12 CHAIR WEISENMILLER: Well, I'm not sure if  
13 it's removed as much as built into the development  
14 of the greenhouse gas compliance. I think it was  
15 pretty clear from the ARB that that's part of what  
16 they've done in their assessment, and so we're  
17 trying to basically fill that in here.

18 But again, certainly on some of your  
19 questions we're certainly open or asking for  
20 suggestions coming forward.

21 I should flag we do have our attorney here  
22 now, Galen, so to the extent you have legal  
23 questions I'm sure he'd be happy to respond to legal  
24 questions.

25 MS. BERLIN: One final question, I think.

1           What's the turnaround time staff  
2 anticipates for review and assessment and providing  
3 a final determination of what you believe might be  
4 lacking in these deficiencies?

5           MS. JONES: We haven't addressed it yet and  
6 we would like your suggestions on how to handle it.

7           MS. BERLIN: Thank you.

8           MR. BERG: I've got another question. Tim  
9 Berg at Imperial Irrigation District.

10           For the issue raised and then the receiving  
11 end of having to do a lot of compliance filings  
12 about the collaboration between agencies and the  
13 amount of duplication of effort that we have in many  
14 of our filings, is there any definite plan that's  
15 going to come forward from the agencies to say  
16 here's how we're going to collaborate in sharing  
17 data and reducing your duplicative reporting  
18 obligations?

19           CHAIR WEISENMILLER: We have actually had  
20 several meetings I think many of you have been at,  
21 and we have asked for specific examples, and so far  
22 we haven't gotten much. So anyway, that's certainly  
23 a goal and if you have specifics happy to hear it,  
24 but general is not going to get us very far.

25           Sure, come on up. Anyone else in the room

1 have questions? Please.

2 MR. CHANGUS: Just more of a comment on the  
3 last point is we have had a number of conversations  
4 about report streamlining, and a lot of that prior  
5 to IRP even was about what was already on the books  
6 and where is duplication, and there are some of us  
7 as well that recognize there's also going to be a  
8 great deal more expected going forward, and so I  
9 think, must the same as pulling together a whole  
10 bunch of things.

11 I think what we've been doing at NCPA as  
12 well as SCPPA is kind of more detailed of what are  
13 the existing requirements as well as what's the  
14 process of transmitting some of that data in which  
15 there may be some efficiencies in that.

16 But I do think that there's room to  
17 explore, I mean, really appreciate the motivation  
18 behind going to the four-year and trying to kind of  
19 build on some of that work. I think we probably  
20 need to take a closer look at what it actually means  
21 and well address that in written comments, but did  
22 want to recognize that we do appreciate the  
23 conversation Kevin Barker has been part of leading  
24 those conversations on the report streamlining but I  
25 think there are now some steps that we might be able

1 to propose and take.

2 CHAIR WEISENMILLER: That would be good.  
3 As you know, we've had the meetings. We are  
4 certainly always looking for ways to be more  
5 efficient.

6 MR. NEILL: Sean Neill, counsel for IID. I  
7 had a question on the paper on Page 25 on the  
8 standardized input assumptions, and specifically  
9 looking at load forecasts for regions outside the  
10 utility service territory. I was wondering if you  
11 could explain a little bit more what is meant by  
12 that, what the range is and what the inputs  
13 contemplated are.

14 MR. MARISCAL: I think what we intended was  
15 that you would use the Energy Commission's demand  
16 forecast for regions outside of your utility  
17 territory so that way there's a consistent and a  
18 standard input assumption to the modeling. That was  
19 simply what was meant by that.

20 MR. NEILL: Okay. Thank you.

21 MS. BERLIN: Could you repeat that answer?  
22 Sorry.

23 MR. MARISCAL: What was meant by the text  
24 was that you would use the California Energy Demand  
25 Forecast developed by the Energy Commission for

1 regions outside of your utility territory. That way  
2 there's standardize input assumptions within your  
3 modeling.

4 MS. BERLIN: Thank you.

5 MR. WILLIAMS: Matt Williams, California  
6 Air Resources Board. I had a few general comments.

7 So adopting guidelines as it could be  
8 encouraged beyond just, as it says in Slide 8,  
9 recognizing local planning goals, we need to ensure  
10 that transportation electrification programs align  
11 with other state goals and leverage existing state  
12 and local projects and funding, especially an  
13 example being IOUs in their proceeding with Energy  
14 Commission have stated that they intend to assist  
15 with in-progress Air Resources Board funded projects  
16 such as the I-710 electrification, as Edison works  
17 with the port to electrify there.

18 Also, adopting guidelines needs to  
19 encourage the inclusion of different technologies,  
20 especially medium and heavy duty.

21 In addition, we need to be seeking  
22 opportunities for alignment with these IOU projects.  
23 This is especially critical in urban areas like the  
24 south coast where projects are likely to cross  
25 utility boundaries.

1           And finally, we think that review of the  
2 IRPs should include Air Resources Board and PUC to  
3 ensure that the IRPs are sound and copacetic with  
4 ARB's and PUC's programs.

5           Thank you.

6           CHAIR WEISENMILLER: Any more comments or  
7 questions? Okay. Then any public comment? Then  
8 I'll turn it back to Heather to remind people of the  
9 various dates, and encourage parties and staff to  
10 work on -- oh, we have a blue card. Hang on.

11          Mr. Berg from IID?

12          MR. BERG: I think that blue card might be  
13 a duplication before we realized we'd be coming up  
14 here.

15          CHAIR WEISENMILLER: That was my guess but  
16 I wanted to double check.

17          MS. RAITT: So I think I heard that the  
18 comments were extended two weeks, so instead of  
19 March 9th it would go out to March 23rd. Is that  
20 what I heard?

21          CHAIR WEISENMILLER: Yes.

22          MS. RAITT: Okay. And so then I notice,  
23 because all the information for providing comments  
24 and we'll welcome them on March 23rd. And we'll put  
25 out a notice just so everybody's informed who may



1 have missed this workshop today.

2 MS. BERLIN: Susie Berlin. I'm sorry, I  
3 have one more question.

4 Justin mentioned earlier the CEC's recent  
5 ruling seeking additional comments on aspects of SB  
6 350 implementation on disadvantaged communities and  
7 some of the other provisions enhancing the bulk  
8 power system and the like.

9 I'm wondering to what extent the CEC is  
10 reviewing, participating, taking into account  
11 different definitions and terminology that's being  
12 used at the CPUC.

13 CHAIR WEISENMILLER: Well, my staff have  
14 been working closely with the PUC staff and also  
15 with the ARB. At some point I'm sure we'll get into  
16 the question of making sure that all parties in this  
17 proceeding have had adequate notice of anything in  
18 terms of the definitions or whatever, and at the  
19 same time presumably that gives you an opportunity  
20 to at least address the question of whether or not  
21 those definitions should be equally applicable to  
22 the POU's. But again, as I think Rajinder said this  
23 morning, certainly consistency is one of our goals  
24 across the agencies.

25 And coming back, I'd remind everyone as you

1 go through your comments, we had the discussion  
2 today, we saw Rajinder's timeline. We're looking at  
3 this timeline going forward and certainly  
4 harmonizing between the two where certainly the ARB  
5 process is going to be evolving. We're going to be  
6 kicking things off and we need some way at some  
7 point to true up between the two.

8 But again, obviously we're giving you a  
9 series of questions that we're certainly looking for  
10 input on. And to the extent that you think there  
11 are unresolved questions you want to flag, put them  
12 in the comments.

13 Any other public comments or questions?  
14 Anyone on the --

15 MS. RAITT: Nobody on Webex.

16 CHAIR WEISENMILLER: No one on Webex. So I  
17 think we're adjourned.

18 (Adjourned at 3:17 p.m.)

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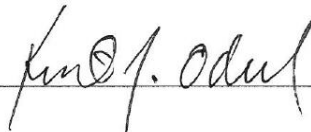
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A handwritten signature in cursive script, appearing to read "Kent Odell", is written over a horizontal line.


Kent Odell  
CER\*\*00548

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