	California Energy Commission DOCKETED 11-AFC-2
	TN # 2904
STATUS CONFERENCE	NOV. 21 2012
BEFORE THE	
ENERGY RESOURCES CONSERVATION AND DEVELOPMENT	
COMMISSION OF THE STATE OF CALIFORNIA	
In the Matter of the:) Application for Certification) for the Hidden Hills Solar) Electric Generating System))	
CALIFORNIA ENERGY COMMISSION	
HEARING ROOM A	
1516 NINTH STREET	
SACRAMENTO, CALIFORNIA	
THURSDAY, NOVEMBER 15, 2012	
9:30 a.m.	

Reported by: Rebecca Hudson Contract No. 170-09-002

COMMITTEE MEMBERS PRESENT

Karen Douglas, Presiding Member Carla Peterman, Associate Member

HEARING OFFICER, ADVISERS PRESENT

Kenneth Celli, Hearing Officer

Eileen Allen, Commissioners' Technical Adviser

Jim Bartridge, Adviser to Commissioner Peterman

Galen Lemei, Adviser to Commissioner Douglas

CEC STAFF PRESENT

Mike Monasmith, Senior Project Manager

Richard Ratliff, Staff Counsel

OFFICE OF THE PUBLIC ADVISER

Jennifer Jennings, Public Adviser

APPLICANT

Bradley Brownlow, Environmental Attorney (via WebEx) BrightSource Energy

John Carrier, Project Manager CH2MHill

Jeff Harris, Attorney Ellison, Schneider, and Harris, LLP

Clay Jensen, Senior Director of Project Development BrightSource Energy

Gary Kazio, Assistant Project Development Manager BrightSource Energy

Susan Strachan, Environmental Project Manager Strachan Consulting, LLC

INTERVENORS

Ileene Anderson (via WebEx) Center for Biological Diversity

Richard Arnold (via WebEx)

Cindy MacDonald (via WebEx)

Jack Prichett (via WebEx) Old Spanish Trail Association

Scott Smith (via WebEx) Old Spanish Trail Association

Jon William Zellhoefer

ALSO PRESENT

Dana Crom County of Inyo

Jonathan Fong (via WebEx)

Laura Murphy (via WebEx)

Karen Parker (via WebEx)

William Ross (via WebEx) Counsel for Southern Inyo Fire Protection District

Jim Stroh (via WebEx)

iv INDEX Page 1. Call to Order 1 2. Report from Applicant, Staff, Intervenors 4 and Interested Agencies regarding the status of the Hidden Hills Solar Electric Generating System AFC Applicant б Staff 12 Intervenor Zellhoefer 14 Intervenor Center for Biological Diversity 15 Intervenor Old Spanish Trail Association 15 Intervenor MacDonald 16 Intervenor Arnold 24 30 County of Inyo 3. Public Comment 39 4. Adjourn 41 42 Certificate of Reporter

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PROCEEDINGS

9:32 a.m.

3 PRESIDING MEMBER DOUGLAS: Good morning everybody. 4 This is Commissioner Karen Douglas. I want to welcome you 5 to the status conference for the Hidden Hills Solar Energy Generation Systems Project. I am the Presiding Member of 6 7 this Committee. Carla Peterman, who will be joining us in 8 just a couple of minutes, is the associate member of the Committee. To my right is my adviser, Galen Laimei; to my 9 10 left, our Hearing Officer Ken Celli. Commissioner Peterman 11 will sit to his left, and then left of her is Jim Bartridge, her adviser, and Eileen Allen. She is the technical adviser 12 13 to the Commissioners for siting matters. 14 At this point, let me ask staff -- or applicant, 15 if you can introduce yourselves. 16 MR. HARRIS: Good morning. This is Jeff Harris of 17 Ellison, Schneider, and Harris on behalf of the applicant. 18 MR. JENSEN: Clay Jensen, the BrightSource Energy 19 project manager. In the audience with us today we also have John Carrier, the CH2MHill consultant to BrightSource, and 20 21 Gary Kazio, the assistant project manager, also with

22 BrightSource.

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PRESIDING MEMBER DOUGLAS: Thank you. Staff?
 MR. RATLIFF: Yeah, Dick Ratliff, counsel for
 staff, and with me is Mike Monasmith, the project manager

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for staff. 1 2 PRESIDING MEMBER DOUGLAS: Thank you. Now let's 3 go to the intervenors beginning with the intervenors in the 4 room. Mr. Zellhoefer? MR. ZELLHOEFER: Jon Zellhoefer, intervenor for 5 б Tecopa. PRESIDING MEMBER DOUGLAS: Thank you. Okay, let's 7 8 go to the intervenors on the phone. I'll just call your names: Lisa Belenky or Ileene Anderson? Are you on the 9 10 line? 11 MS. ANDERSON: Yes. This is Ileene Anderson. I'm 12 representing the Center today. 13 PRESIDING MEMBER DOUGLAS: Thank you. Jack 14 Prichett, Old Spanish Trail Association? 15 MR. PRICHETT: Yes, I'm on the line. 16 PRESIDING MEMBER DOUGLAS: Thank you. Cindy 17 MacDonald? 18 MS. MacDONALD: Yes, I am here. Thank you. 19 PRESIDING MEMBER DOUGLAS: Thank you. Richard 20 Arnold? 21 (No response.) 22 PRESIDING MEMBER DOUGLAS: The public adviser, 23 Jennifer Jennings, is here. Jennifer, have you heard from 24 Richard Arnold? 25 MS. JENNINGS: Yes. I believe he will be trying

to attend. I will give him a call now. 1 2 PRESIDING MEMBER DOUGLAS: Thank you. All right, 3 let's go to public agencies now. Are there any 4 representatives of Native American tribes in the room or on 5 the phone? 6 (No response.) 7 PRESIDING MEMBER DOUGLAS: Let's see here. Inyo 8 County? 9 MS. CROM: Dana Crom, deputy county counsel for 10 the County of Inyo. 11 PRESIDING MEMBER DOUGLAS: Thank you. Welcome. 12 Any other federal, state, or local agencies represented from 13 California or Nevada? 14 (No response.) 15 PRESIDING MEMBER DOUGLAS: All right, and I 16 already introduced the public advisers. We've been joined 17 by Commissioner Peterman. So with that, I will turn this 18 over to the Hearing Officer. 19 HEARING OFFICER CELLI: Thank you. Good morning, 20 everybody. Thank you, Commissioners. Welcome. This is a 21 status conference on the proposed Hidden Hills Solar Energy 22 Systems, which we will be calling "Hidden Hills," which I 23 abbreviated "HHSEGS" in most of my written work. This was 24 scheduled in a Notice dated September 27, 2012. That Notice 25 is sitting on the table in the foyer here. We also have it

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online. You can get it at the Hidden Hills webpage on the
 Energy Commission's website.

The purpose of today's conference is to hear from the parties regarding the status of the Hidden Hills Solar Energy Generating System's AFC and to resolve any procedural issues as well as to resolve the scheduling of future events in this proceeding.

As far as what we are going to do today, the FSA 9 was originally due out on October 19, 2012. I know there 10 were some correspondence back and forth regarding some 11 delays. The Committee would like to know what the status of 12 the FSA is.

13 We will hear from the parties in the following 14 order: first, from the applicant, who will summarize their 15 view of the case status and scheduling, followed by staff, 16 followed by Intervenor Zellhoefer, then the Center for Biological Diversity, followed by the Old Spanish Trail 17 18 Association, then Cindy MacDonald, and finally, Richard 19 Arnold, which is the order in which the parties intervened. 20 We will then provide an opportunity for general public 21 comment at the close of this status conference. Now, attached to the status conference dated 22 23 September 27th -- I'm sorry, attached to the Notice of the status conference dated September 27, 2012, was a draft 24

25 proposed schedule for HHSEGS. And the reason I included the

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draft schedule was to show all of the parties the order in 1 2 which the milestone events must take place before the Energy 3 Commission can make a decision on the AFC so that all the 4 parties could meaningfully participate in discussions 5 regarding the schedule. The finalized schedule will be incorporated in the pending Notice of Prehearing Conference 6 and Evidentiary Hearings that will issue, along with a new 7 8 scheduling order, after the FSA is published.

9 Now, at the last status conference, which we held 10 on August 16, 2012, the parties indicated that the remaining 11 unresolved, and I am saying in quotes "unresolved subject 12 areas," were Biological Resources, Cultural Resources, Land 13 Use, Socioeconomics, Visual, I'm going to say Soil and Water 14 -- I know you have split it up into Water Supply and Surface 15 Hydrology, but water issues, Transmission Systems 16 Engineering, Alternatives, and Growth-Inducing Impacts.

17 So, the Committee is interested in knowing if any 18 of these issues -- if any of these areas have been resolved. 19 I would add to that list Override Evidence because it appears, based on my reading of the PSA anyway, that there 20 21 may be significant impacts or LORS issues that may be 22 immitigable or irreconcilable and, if so, the parties will 23 need to make a record regarding the benefits of the Hidden Hills project vis-à-vis other prudent and feasible 24 25 alternatives as well as public necessity and convenience or

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1 not, or the converse. We will not schedule a separate 2 hearing to work out the Override Evidence. So when we put 3 out the evidence we are going to want to have the whole 4 thing at the evidentiary hearing.

5 So the Committee would like to hear from the 6 parties regarding the status of these previously-designated 7 unresolved matters as well. So with that, let's go first to 8 applicant, Mr. Harris.

9 MR. HARRIS: Good morning. I appreciate the 10 opportunity to be here again. Love these status 11 conferences. I'll keep it short this time.

I think it is a good opportunity for us to kind of give you our view of where we think the case is. There are several indicators out there that we want to talk about of where we think the case is headed, and to give you our bottom-line of where we think things ought to proceed.

Several pieces of new information are out there. Some of it has been around for a while, but I think there are at least kind of critical pieces of information we want to talk about. Those inform where we think the case is and where we would like to see the schedule go. So, let me start with that.

The Final Staff Assessment for this project is not out, but the Preliminary Staff Assessment for the Rio Mesa case is. We think that is probably a pretty decent

indicator of where the Final Staff Assessment is headed in 1 2 this proceeding. Obviously, separate proceedings, separate 3 facts, but a pretty good indicator. That PSA has some 4 pretty interesting findings and some wholly new information 5 to us too. Most notably, the Appendix Bio 1, which deals with the staff's view on the flux issue. It's really --6 even though it is not in this proceeding, it has kind of 7 8 been our first opportunity to see the staff's view of the flux issue that has been talked about quite a bit. 9

We, frankly, have some concerns about that 10 11 analysis. I don't want to be confrontational, but we have 12 some concerns about whether that analysis is correct. We 13 think it's wrong in a lot of respects, but further dialogue, 14 I think, is going to help us with the staff and the other 15 parties to figure out exactly how the staff reached the 16 conclusions they did. Get the lawyers out of the room, let the experts kind of talk to each other about that. 17

18 But it is very concerning to us that that sets a 19 level that's, I think, at two-and-a-half, which, if you --20 two-and-a-half kilowatts per meter squared, which, just for an analogy's sake, two kilowatts per meter squared is sort 21 22 of like skiing on a sunny day. So, it is a very low 23 threshold. One that gives us a lot of concern and, frankly, one that we think, with some discussions between the 24 25 parties, we might be able to reach a better understanding of

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1 how they got to where they are.

Now, that is preliminary for RMS -- that's not final for us, but having a similar finding come out without having a chance to talk to staff, I think, would be not in anybody's best interest. So, we are very concerned about some of the information we are seeing with the Rio Mesa PSA. So, that is sort of issue set number one.

8 Issue set number two, also related to flux, again, 9 we had an information exchange on November 1st, and that was 10 sort of our most immediate reaction to the information we 11 were seeing for the first time in the Rio Mesa PSA. That 12 information exchange really involved two sets of documents.

13 First, we basically gave people, again, copies of 14 our prior filings on the avian and the flux issues, and we 15 thought it was important to remind folks that there is a 16 substantial record out there. There are so many filings in this case that sometimes it is easier just to get a packet 17 18 of that information. So we put together a packet of the 19 information that we had filed prior and gave that to the parties at that time, and it was filed and served -- or, it 20 21 was referenced, I'm sorry.

The second set of information is what I would call supplemental information, and it really is more real-world experience. You know, if I had to characterize the concerns we have right now, we think there is a lot of good, realworld evidence about power tower technology and the potential effects on avian species, and we think that that real-world experience very much supports the positions you are hearing from the applicant.

5 So, we were able to get ourselves -- to get our hands on some information from an existing facility called 6 the -- how do we say it? We say GEMA Solar. G-E-M-A. 7 Ι 8 guess the "G" is an "H" - GEMA Solar in Spain. We provided, at that information exchange, really, four primary 9 10 documents. The most important one is a statement or an affidavit from a gentleman -- a doctor we now refer to as 11 "Dr. P." The name is very long, and my Spanish is very 12 13 horrible. So, he didn't do me the favor of being "Dr. Bibliotec." (Laughter.) So, I won't try to pronounce 14 his name, but we've kind of shortened it to "Dr. P." 15 There 16 is an affidavit from him. His charge has been an independent charge from the Spanish authorities to take a 17 look at the GEMA Solar facility. His affidavit says, 18 19 basically, to date, he hasn't seen any dead or injured birds. So, it is new information that had to be translated 20 21 and is available to staff. 22 We also have two other reports on that same 23 facility, again, that were translated and made available at this data exchange on the 1^{st} of November -- 11/1, yes. 24

The fourth piece was the SEDC facility - a forty-

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one-day survey of avian mortality at the BrightSource 1 2 facility in Israel, and, again, we think those findings are 3 very important. So, it was some additional real-world 4 experience that we felt was very informative to the staff 5 and the parties and that was exchanged, as I said, just, I guess, two weeks ago today between the parties. So, that is 6 kind of the third set of good information that we've 7 8 provided.

9 The last thing that sort of piqued our interest, too, is that staff did promulgate a Data Request Set 3 on 10 11 avian issues. I would characterize this more as a 12 supplemental information request. The information that they 13 are asking about is really a follow-up on the avian workshop that took place on August 8th. I think staff's interest 14 15 here is getting some more detailed information on the information that was presented at the August 8th avian 16 workshop. We did have the slides that were presented; staff 17 18 is asking for some backup information. We have a concern 19 about a couple of the questions that were asked there, but, by and large, it really is about a report that we are 20 generating. We are going to provide that report; it is in 21 22 process. The need for additional time and objections notice 23 is due, actually, today. We will be filing on a couple of those concerns we have, but we are going to be answering the 24 25 substantive questions, and, attaching to that response, a

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report that will summarize the information that Gary Santolo 1 put together and presented on August 8th. So, we think that 2 3 is good information and we think it will also inform the 4 parties very well on the status of the case. Those issues 5 really are, again, the avian issues that we're focused on more than anything else. So, we think staff ought to have a 6 little bit of time to look at the Data Response Set 3. 7 8 That's really the only outstanding piece of information and, in our defense, I think it's not really outstanding; it is 9 10 more supplemental to what we did in August. But, I think 11 the staff is right to ask for it, and we are happy to 12 provide it.

13 So, that is sort of the one thing that is outstanding. We also hope, though, that staff will use the 14 15 time that is being provided to finalize that report. То 16 actually spend some serious time with the other information we've given them, the stuff that was the subject of the data 17 18 exchange on 11/1, and then sit down and talk with us and see 19 if we can workshop through some of these issues because we would prefer not have a Final Staff Assessment where there 20 21 is a miscommunication. I'm not going to say that staff is 22 wrong, necessarily, but we think there may be communication issues on this flux issue that we'd like to work out and 23 give them an opportunity to incorporate into their document. 24 25 So, I think where we're headed is getting those

data responses in as soon as possible, and then we would 1 2 like to see a data response and issues resolution workshop 3 set for early December. I think we kind of batted around December 5th as a day for a data response and issues 4 5 resolution workshop, and then see the publication of the Final Staff Assessment as soon as reasonable thereafter. 6 That may end up being mid-December. If the lights go on on 7 8 some of these issues, and staff says, "we need a little more time to make some other changes and tweaks to our document," 9 10 which, I understand, is pretty much largely complete, we 11 would be willing to have discussions about that as well. 12 But, kind of, in our mind, we are looking at, I think, a 13 12/5 issues workshop, and probably two weeks later, looking at probably 12/17 for the Final Staff Assessment 14 15 publication. 16 HEARING OFFICER CELLI: Thank you, Mr. Harris. 17 Mr. Ratliff, please. 18 MR. RATLIFF: Dick Ratliff, counsel for staff. 19 The Final Staff Assessment is not "largely complete" - it is complete, and was complete as of last week, which is not to 20 21 say it's perfect. It is not, and documents of this nature 22 never are, but it is complete. 23 Having said that, the applicant has suggested that

24 it would be useful to have further dialogue on the issues, 25 particularly of solar flux, before we publish the document;

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and we think that that would be useful. We have recently 1 2 given them the model that we used for calculating or 3 estimating the effect of solar flux on birds, and they have 4 recently given us new reports from projects in Israel and 5 Spain regarding avian mortality. We have those and are looking at those. 6 We think it would be useful to have a further 7 8 dialogue at a workshop on this, and they have suggested they want to do so. So, we would like to defer the publication 9 10 of the FSA until we've had an opportunity to do that. 11 HEARING OFFICER CELLI: Does that December 17th 12 date sound about right to you? 13 MR. RATLIFF: I'm sorry, December 17th for 14 publication or --15 HEARING OFFICER CELLI: Yes. 16 MR. RATLIFF: Presumably. I suppose so, unless --17 I mean, the applicant has suggested that, and I think 18 Mr. Harris has just argued that there is a problem with 19 staff's analysis. We don't know that that's true. They haven't indicated what the problem is with any specificity; 20 but, if they do, we want to know about it. It would 21 22 certainly be useful to us to know, if we have made a 23 mistake, what the mistake is. So, if, in fact, we have, in 24 some manner, analyzed the problem incorrectly, assuming that 25 they indicate what that problem is and we agree with them,

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we would want to, of course, remedy it, and I assume we
 could do that by December 17th.

HEARING OFFICER CELLI: Thank you. Let me ask Mr.
Zellhoefer, any comments regarding the status of this case?
It is good to see you. This is the first time you've been
to one of our status conferences. Last I saw you was at the
informational hearing down in Tecopa.

8 MR. ZELLHOEFER: That is correct. It's good to be here. It's good to see all your faces. I would comment 9 10 that the FSA is very important to me as an intervenor and, I 11 suspect, it's going to be as comprehensive and as lengthy as 12 the PSA was. I do understand that there are some issues in 13 certain sections of the FSA. I would ask, however, that 14 those parts of the FSA that are not in dispute be released 15 immediately, so that we, the public, and specifically me, as 16 an intervenor, can start to read through what, I suspect, will be close to 1,200 pages of data. 17

18 As you know, on November 21st, it is currently 19 scheduled for the intervenors to have made their first responses. Well, that clearly cannot happen, okay? But, on 20 21 the other hand, if an avian flux issue needs to be resolved, 22 I would suspect that that is no more than ten percent of the 23 FSA, and I would ask the Commissioners to go ahead and authorize staff to release that part of the FSA which is not 24 25 in dispute. Thank you.

HEARING OFFICER CELLI: Thank you. Thank you for 1 2 your comments. 3 Ileene Anderson, if you have a comment, please speak up. 4 5 MS. ANDERSON: Yeah, I don't have any comments at 6 this time. 7 HEARING OFFICER CELLI: Okay, thank you. Thank 8 you for tuning in. 9 The Old Spanish Trail Association, I have Jack 10 Prichett or Scott Smith. Jack, you are the official 11 intervenor. Are you on the phone? 12 MR. PRICHETT: I don't have any comments right 13 now. I haven't made up my mind on what Mr. Zellhoefer just said, but Scott Smith is on the line and I think Scott has a 14 15 comment. 16 HEARING OFFICER CELLI: Okay, thank you. MR. PRICHETT: Or he is on the computer. 17 18 HEARING OFFICER CELLI: Let me make sure he isn't 19 muted. 20 MR. PRICHETT: Okay. 21 HEARING OFFICER CELLI: Mr. Smith, can you -- go 22 ahead. 23 MR. SMITH: Yes, I can hear you. Well, my main concern is that we're putting this right into the middle of 24 25 the -- for a lot of research, right into the middle of the

Christmas season. That seems kind of unfair. I think we 1 2 need to postpone it some time until after the first of the 3 year. 4 HEARING OFFICER CELLI: Okay. 5 MR. SMITH: Our response time. HEARING OFFICER CELLI: Right. Well, I just want 6 7 to make clear that, schedule-wise, all bets are off right 8 now, because we can't really formulate a schedule when there's no FSA published. So, I think, de facto, we are in 9 January already anyway, based on what we've heard so far 10 11 this morning. 12 MR. SMITH: Okay. I just wanted to make sure that 13 was spoken. 14 HEARING OFFICER CELLI: Thank you. Anything further, Mr. Prichett? 15 16 MR. PRICHETT: No. 17 HEARING OFFICER CELLI: Okay. Thank you very 18 much. Let's hear from Intervenor Cindy MacDonald. 19 MS. MacDONALD: Okay, well, as usual, I've got 20 some extensive comments. I wanted to bring up some issues 21 that actually address two different subject matters, but they kind of interrelate. 22 23 What these two subject matters are, the primary 24 one is I have not been able to find any avenue to discuss 25 the operations of these -- of the proposed facility, the

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1 design, the reliability, the efficiency. Now, I have
2 submitted extensive comments on these as early as March of
3 this year.

In August, I contacted the EPA because I have some serious questions regarding the mirror-washing specifically. In late August, I asked about having a workshop that would actually address operations. That was one of the subjects, and I was basically told the only one that staff was considering was yet another biological workshop, but no workshop occurred.

11 Then in -- let's see -- on October 30th, I 12 received a notice about an informational meeting between the 13 applicant and staff regarding this flux issue, and I 14 expressed concern that this was not publicly noticed; in 15 fact, there was, like, a two-day notice in it. I received 16 no response on that. I did attend the informational exchange meeting, and was basically told that all the 17 18 questions about the flux issue would be better addressed at 19 a workshop, and it was recommended that I attend the Rio 20 Mesa workshop on Biological Resources that occurred 21 yesterday. 22 So, I put together some questions for that and

attended that, and they started to close the biological section without any discussion on flux, so I tried to get a conversation going about that because, obviously, 1 everybody's mentioned this is an issue. Then I was told 2 that, "no, we weren't going to do it at this workshop, but 3 maybe we might do a workshop later."

At that time, because I started going over the Rio Mesa website, I found out that they finally had had a workshop on facility design, reliability, output, et cetera, on the 29th for Rio Mesa.

HEARING OFFICER CELLI: The 29th of what month? 8 9 MS. MacDONALD: October, I'm sorry. October 29th. 10 All right, so, because there has been, like, no access to 11 the Hidden Hills project for this, but I have already missed 12 the workshop, but I went back and listened to the WebEx 13 recording, and was thinking, well, maybe I can get some information here; however, I found out that, even if I would 14 15 have had advance notice, I would have never noticed, because 16 the agenda for that workshop that told the public that these topics were going to be covered wasn't even posted at the 17 18 start of the workshop. So, even if I would have had advance 19 notice and I would have been looking at the website, I 20 wouldn't have even known the workshop contained those 21 issues.

Those issues were blown through so fast, it was less than a minute in any one. Any comments, they were addressed right at the start of the meeting, and that was the end of it. I 've went back, I've looked through every one of the Hidden Hills workshops, and not one time, out of fourteen workshops, has there been any schedule for operations, facility design, reliability, efficiency, output, anything. There has been no [inaudible] to discuss the issues, some of the issues that I've raised in March, and I'm really concerned about that.

8 Everybody keeps acting like this kind of facility, 9 this utilities facility, is cut-and-dried. The PSA had 10 almost no analysis whatsoever of the facility design, 11 reliability, efficiency, everything. The Rio Mesa PSA was 12 almost an identical carbon copy.

This is not a facility that has any utility-scale proven performance anywhere in the world. The closest thing we've got is a six-megawatt facility in Israel where, yesterday, I could not even get a definitive answer from a BrightSource representative on the acreage that comprises this facility; and yet, this is the basis that we are launching from six megawatts to five hundred megawatts.

In the Rio Mesa case, they were going for 750 megawatts. So, the fact that nobody is even looking at the designs, or giving a critical eye towards how this thing actually operates, not having any vehicle or form to even try to discuss it or get additional information is of serious concern to me, and I do not understand how a Final

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Staff Assessment can come out without any of this
 information.

3 If anybody's aware of the comments that I 4 submitted about the -- when I challenged the Great Basin 5 Unified Air Pollution Control District's final determination б of requirements, I wrote an extensive section about the mirror-washing machines. This is one of the things that I 7 8 have continued to try to pursue. As it stands, we have no information on what they look like, how they perform, how 9 10 many mirrors do they clean, how much water do they use. 11 There has been conflicting information presented about 12 whether they are cleaning them with air or water. I can't 13 figure out how they determine their vehicle miles travelled that was the source of how they calculated their emissions. 14

There is one sentence in the Boiler Optimization Plan that discusses the seasonal scrubbers. We don't know how many those are, or when they operate, how much extra water, or anything. From what I've seen, BrightSource has changed -- or the applicant has changed the number of mirror-washing -- or workers associated with it at least twice.

So, the reason I'm bringing this up, the two points is one, I wanted to kind of show what public participation was like in trying to get answers to this, and how it has not been around. But the second thing is I

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wanted to show, I am seriously considering filing a motion 1 2 for an additional data request on facilities design, on the mirror-washing machines, because if those mirrors are not 3 4 clean, then they will significantly degrade the performance 5 of the plant. Nobody's asking any questions of what that means and I just don't understand how we can have a 6 7 renewable facility based on heat input that comes from 8 mirrors, with no idea how they will get clean or what the performance levels are. 9

10 So, I wanted to give the Committee a heads-up that 11 I want to file a Motion for Good Cause to get some 12 information on how this facility works, and the designs, and 13 its output. If necessary, since they are discussing possibly 14 another workshop, to please include something, at least 15 once, in this process that addresses some of these issues. 16 All right, that's the first thing.

17 The second thing is I think the flux thing is a 18 very big deal and I am fully supportive of analyzing that as 19 much as possible. While the applicant spoke of the Spanish study, the GEMA Solar facility, the applicant is presenting 20 the Spanish study like it is, you know, boots on the ground, 21 22 we haven't seen any dead birds, this is real-world kind of 23 information. But, when you actually look at the study, you find out that there was only two surveys done at the site 24 25 once operations began: once in July for ninety minutes, and

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once in August for an hour. In both those times, that's when the doctors -- or the study participants were allowed on the site, giving plenty of time to clean the site up in case there was actually more going on than what we are aware of. It really isn't a study.

So I am very supportive of doing a flux workshop.
With respect to Mr. Zellhoefer's -- I'm getting the static
again.

9 HEARING OFFICER CELLI: You broke up just a little10 bit. If you would start over again, please.

11 MS. MacDONALD: I am supportive of releasing 12 portions of the FSA early if, because it is so large, if 13 staff believes that those are taken care of. But any 14 portions that have to do with operations, facility, design, 15 reliability, efficiency, all of those things, I still don't 16 think there's any information -- there's been nothing done 17 on them. So, you know, maybe some sections that they feel 18 are complete, that there is no challenge on that will give 19 people more time to review because it has been so extensive. But, I would not like to see it published without, at 20 least, an attempt to address some of these questions. Like 21 22 I said, I'm going to file a motion to request some of this 23 information. Hopefully, the Committee will understand why it is so important. 24

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At this point, I think that's it. With the status

1 with regards to the other disciplines, we really haven't had 2 any additional workshops, we haven't seen an FSA, so I would 3 have to say I stand where I stood at our last status 4 conference, basically, waiting to see what information is 5 available at this point. Thank you.

6 HEARING OFFICER CELLI: Well, thank you, 7 Ms. MacDonald, and you've certainly put all of the parties 8 on notice on what the issues you think are important. I remember actually reading that section about the mirror-9 10 washing and the amount of water, and the amount of time it 11 would take, and the number of machines, and I thought that your points were well taken. But, again, this is all going 12 13 to be -- probably end up being hashed out in the evidentiary hearing as evidence. So, we will hear that evidence and so 14 15 I appreciate your being on top of this. I think you have been really an exemplary intervenor. You've really rolled 16 up your sleeves and gotten into the nitty-gritty of the 17 18 issues here. I think that that's fantastic. So, thank you 19 for that. We --

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MS. MacDONALD: Thank you.

HEARING OFFICER CELLI: I just want to point out, though, that none of us have seen -- well, none of us. Other than staff, none of us have seen the FSA yet, and so maybe a lot of these questions might get resolved in the FSA itself, and I am heartened to hear that there is this December 5th workshop. I encourage you, Ms. MacDonald, to
 take full advantage of that. I'm sure you will.

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MS. MacDONALD: You know I will.

HEARING OFFICER CELLI: Yes. So, thank you very
much. We have one more intervenor. I see Richard Arnold,
you are on the phone, so good morning, Mr. Arnold. We are
interested in your thoughts on the status of the FSA or on
anything this morning. Go ahead.

9 MR. ARNOLD: Yes. Thanks for the opportunity. I 10 am really pleased to become an intervenor on this project 11 and, of course, obviously, like many folks, am anxious to 12 see the Final Staff Assessment.

13 I am a little bit distressed that it keeps on 14 being delayed, but maybe in some respects that is a good 15 thing because, I think, there are a lot of concerns with 16 even trying to consider the project. Mine probably focus more on a lot of the cultural resources, the cultural issues 17 18 per se, on the various cultural landscapes that are included 19 that we see through a native lens or through American Indian 20 eyes.

Moreover, you know, I know there has been extensive work that's been done on the ethnographic portion of the -- the ethnographic portion you're trying to include into the FSA. We are really anxious to see that and, that said, I think that one of the concerns, obviously, is that 1 it accurately reflects and is being considered under CEQA, 2 the completeness and accuracy of the information. So we 3 don't -- we want to make sure that nothing gets left out or 4 inadvertently is omitted.

5 So while the project is, you know, being obviously б looked at in the Pahrumph area, we are concerned with the 7 far-reaching cultural implications, because some of the 8 landscapes that were described and are described in the ethnographic report -- I mean, they talk about some of the 9 10 strong cultural landscapes that are integral to our native 11 culture. As such, with the Salt Song Trail, that not only 12 affects the Pahrumph Paiute tribe, but all Southern Paiute 13 people from many surrounding states - California, Arizona, Utah, and Nevada - we want to make sure that these things 14 15 are -- remain integral to the evaluation process.

16 The other thing that I want to say is that I know, 17 and I think we all know, that, as with all these different 18 projects, there's a lot of politics that are involved and 19 things can be politically charged. I am just really hoping, and going down on the record, that we want to make sure that 20 21 those don't become the drivers of the process here; that we 22 want to make sure that we are being representative 23 appropriately, all the information is being presented 24 accurately, and that it is being evaluated thoroughly in the 25 process.

Really, I guess that will conclude my statements 1 2 with one last thought. I also agree - I just wanted, kind 3 of, to go down on the record with this, is that with the 4 continuous delays on getting the FSA, that it probably would 5 be helpful to start releasing some of the information that would be helpful. So, 1,200 pages is a lot of information 6 7 for everybody to absorb and I would support that notion. 8 Again, I am just kind of anxious to see the final results of the FSA once it hits the streets. 9

HEARING OFFICER CELLI: Thank you, Mr. Arnold. 10 Ι have a question for you. Now, again, since the FSA hasn't 11 come out, we haven't seen it yet, but I did read the PSA 12 13 cultural section, and the appendix, and the ethnographic 14 study, and, I think, there were sections in there that 15 described certain information as being seasonal, in that 16 there were certain areas that were sort of prohibited from being spoken of during certain periods of the year. 17 I am 18 wondering whether this delay would actually open the window 19 up on staff, perhaps, being able to get that information? 20 MR. ARNOLD: Well, great question. I guess to answer the question pointedly, is that yes, definitely, 21 22 there is information and there are taboos on certain 23 information, discussing those types of things during various 24 seasons. Wintertime is typically one season in which 25 information can be shared. That said, it makes it

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1 difficult, depending upon what the tenor of the questions,
2 the information that is needed. That would be helpful, you
3 know, how that would be perceived by all the people who are
4 participatory in the process, the native people.

5 So, I think that, yes, it could potentially lend some more information, but it makes it a little bit 6 difficult in that, if we are asking for additional 7 8 information, we want to make sure that everything that we said thus far that is in there, with the exception of 9 10 certain information which has been redacted purposefully, 11 because of some of the cultural implications, we want to make sure that the previous information is thoroughly 12 13 considered, included into the FSA and into the analysis, as with any additional information. 14

So, I hope that answers your question.

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16 HEARING OFFICER CELLI: That does absolutely. The 17 one other question I had was, if it turns out that we have 18 evidentiary hearings in January or February, let's just say anywhere from January 1st through the last day of February, 19 and would it be -- is that a period of time during which 20 21 some of these topics could be discussed, perhaps by you, 22 during the evidentiary hearing?

23 MR. ARNOLD: Well, I guess it would, again, depend 24 upon certain cultural indicators. So, I can't tell you when 25 we are going to hear the first dove, when it makes its

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There are certain cultural indicators that I can't 1 sound. 2 predict - nobody can predict - that we know that there are 3 generally certain times when we can expect things to happen, and we'll watch for those, because some of those seasonal 4 5 things depend upon human -- well, not human nature, but nature. We have to look at that, and then secondly, I guess 6 7 it depends upon the nature and specificity of some of the 8 information that would be needed. I guess the best analogy is that, while we have given you a lot of information 9 10 already, we'll give you the lock, but we won't give you the 11 combination. That kind of thing. So we're not going to go 12 into a great deal on some of the things, but we'll try to 13 respond to the questions as best we can, and yet, that was part of my intention of becoming an intervenor, to share the 14 15 cultural insight that I know that is also accepted and used 16 by other Southern Paiute people, and, moreover, supported by the other Southern Paiute tribes -- all the other Southern 17 18 Paiute tribes.

HEARING OFFICER CELLI: Well, I greatly appreciate that. I'm trying very hard to be sensitive to these sort of cultural, new ideas to me, and I certainly don't mean to be offensive. What we are trying to do here is have a process where all the parties can speak freely, get all the information that we need so the Commission can make the right decision about this power plant.

MR. ARNOLD: I respect that and I appreciate the 1 2 comments. Again, I just would respectfully submit that, while I hear the words, I also know that there is a lot of 3 4 politics and money behind the project that potentially could 5 cloud some judgment. 6 HEARING OFFICER CELLI: Well, we are grateful for 7 your participation and glad you are aboard. Thank you. 8 Anything further, Mr. Arnold? 9 MR. ARNOLD: No, I think that will wrap it up at 10 this point. 11 HEARING OFFICER CELLI: Thank you very much for 12 your comments. 13 So, we've now heard, just this first go-round -- I don't even know if it is productive at this time to even 14 15 talk about schedule, because I think that all of the parties 16 now have seen what I show as a skeleton of what the schedule is going to look like. All of those relative intervals that 17 18 are in the third column are just going to move up, along 19 with whatever the trigger date is, and, of course, the trigger date is the FSA. So, I just want to make sure 20 21 everybody understands that that is the way I intend to put 22 together the schedule; that whenever the FSA comes out, we 23 will have a date, and we will work off of that date. 24 Anything --25 MS. MacDONALD: Mr. Celli?

1 HEARING OFFICER CELLI: Go ahead. Who is
2 speaking?

3 MS. MacDONALD: Yeah, I'm sorry. I raised my hand 4 because I forgot to address this issue of -- if you are 5 talking about tentatively releasing the FSA on December б 17th, I also agree with Scott that that is right during the Christmas season. When you look at that in relation to your 7 8 schedule, starting with the applicant, within two weeks of testimony, that's going to force us all to scramble to try 9 10 to read that information during Christmas. I do think that 11 is unfair and I would like to make note that, rather than December 17th, perhaps January 1st, so that we can actually 12 13 have a Christmas. Thank you. That was it.

HEARING OFFICER CELLI: Thank you. I'm taking the liberty to speak for the Committee and say that this Committee has no intention of ruining anybody's holiday or New Year's. (Laughter.) So, we will certainly do what we can to accommodate everybody's holidays because we have holidays too, hopefully, so thank you.

20 Now, Ms. Crom, I see that you're here. We'd just 21 like to hear from the County of Inyo on any of these issues 22 as long as we have you.

MS. CROM: Well, I would have to join the request by Mr. Zellhoefer. You know, from a selfish point, most of the sections that are applicable to Inyo County, I don't

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believe, are at issue, with respect -- at least as to the
 pending workshop, or the potential workshop.

Then, also, as the Hearing Officer is aware, I will be leaving the state on the 19th, so I would really like to be able to read this before I embark on my Christmas vacation.

7 I do also have to agree with Cindy MacDonald, that if this does come out on the 17th, setting the timelines 8 that have been proposed when we thought that this FSA was 9 10 going to come out in September would be, basically, requiring everybody to draft their testimony over the 11 Christmas and New Year's holiday. I don't think that's fair 12 13 and I think that we should be setting those dates in 14 January.

15 Obviously, you know, the county is continuing to 16 work with the applicant. We are hoping to have some sort of resolution to our issues; but, at this point, we do not. 17 For that reason, what the county really needs to know is 18 when is that date for intervention. For that reason, I 19 would be asking that we do set, at least, some sort of a 20 21 tentative schedule or set a drop-dead date, so that I have 22 something to go back to discuss with my board so we 23 understand when that date is. That would be very helpful, from the county's perspective, in moving ahead. 24 25 HEARING OFFICER CELLI: I appreciate that. Let me

ask you -- let me just say a couple of things. As you've 1 2 seen over these many months, a schedule is a very, very 3 tough animal to tame in these proceedings and I have come --4 the temptation is always there to put out a schedule and 5 say, "This is etched in stone. This is the way we're going These are the dates and this is what's going to 6 to have it. happen." Inevitably, this sort of thing, unforeseeable 7 circumstances come up. 8

9 Until we have an FSA in our hot little hands, I am 10 disinclined to put out any kind of schedule because the next 11 thing will come up, and then the next thing will come up. 12 In this case, this one seems to be generated from applicant, 13 who is typically the party who has the gun to everybody's 14 head going "come on, come on, come on," and rushing 15 everybody. In this case, applicant is requesting more time 16 for more deliberation and this seems quite reasonable.

So, what I'm telling you is, I'm sorry to say, 17 18 that I will probably be leaving you in the dark for a bit 19 longer because we can't really say. What I can tell you is 20 this, our regs say the last day to intervene is thirty days 21 prior to the hearing or the date of the prehearing 22 conference, whichever is earlier. In this case, I always 23 put the last day to intervene in a scheduling order, and I'm certainly not going to put a day to intervene that has 24 25 already lapsed in a scheduling order.

So, you will have some time to make that decision, 1 2 and so that, hopefully, won't be a problem for you. I am 3 interested, when you say that you haven't resolved issues 4 with -- between county and applicant, what in -- without 5 getting into the nuts and bolts, if you can just give me the general areas of what needs to be resolved. 6 MS. CROM: We have not resolved the socioeconomic 7 8 impact issues, including entering into any sales and use tax 9 agreement. We also are -- we are processing a general plan 10 application and a rezoning plan application, but we have not 11 resolved the roads issues. 12 HEARING OFFICER CELLI: The roads? 13 MS. CROM: Yes. 14 HEARING OFFICER CELLI: What? The rededication roads or the abandonment --15 16 MS. CROM: It would be the abandonment of public 17 Those are issues that are still outstanding. roads. We 18 have had some discussions on the sales and use tax 19 agreement, and at this point, I don't think the parties are 20 in agreement. 21 HEARING OFFICER CELLI: You have to appreciate how far you've come though. This is actually kind of good news. 22 23 When you say "we have outstanding matters to resolve," the 24 last laundry list we had was quite a bit longer, so it 25 sounds like you've made quite a bit of progress.

MS. CROM: Well, those are the only two things 1 2 we've made any progress on, so all the other things on the 3 list are still there. The sales and use tax would only 4 address a portion of the socioeconomic impacts to the 5 county. What we are moving ahead with is the general plan amendment and the rezoning, so that is in progress. Of 6 7 course, it's -- you know, the timing of that is conditioned 8 on these proceedings, since we will need to rely on the environmental document. 9

HEARING OFFICER CELLI: Well, I appreciate that. Part of the problem with a parsing out of an FSA has to do with comments, comment periods. It is already "herding cats" just to get comments on time when you put out a single FSA, rather than bifurcating, and then you get different comment periods. It starts getting pretty hairy and difficult to manage.

17 MS. CROM: I understand that and I think what I am 18 hearing from the commenters is that, if the Committee is 19 going to start the clock running after the holidays, notwithstanding, maybe, a December 17th release date, then, 20 I think, that that would give everybody plenty of time to 21 22 review it, enjoy their holiday, and still meet the 23 relatively short timeframes for filing of testimony and addressing intervention issues. 24 25 HEARING OFFICER CELLI: Right. So, a lot is

hinging on the productivity of this workshop coming up in
 December, and what staff and applicant and the parties can
 accomplish therein, and whether there needs to be another
 workshop afterwards.

MS. CROM: I agree.

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MR. RATLIFF: Mr. Celli, if I may? HEARING OFFICER CELLI: Yes, please.

8 MR. RATLIFF: The intervention of the county, 9 should it occur, is not, as sometimes occurs, someone coming 10 to the party late. The county has been active throughout 11 the proceeding, and to intervene late in the proceeding, I 12 don't think it would prejudice, or be seen to prejudice, the 13 proceeding in any manner. I'm only saying that the staff 14 would support the county's intervention, should it occur, whenever it occurs prior to hearing. I don't think it is 15 16 going to be a problem for the proceeding if they intervene later than parties, I think, should ordinarily become 17 18 parties, because they have participated and are fully versed 19 on the issues.

The second thing I would say is that staff is opposed to bifurcating, as we say, the document. We don't want to publish parts of it and not other parts of it for two reasons. We've done this in the past and it has always led to complications, and, I would say, it hasn't ever, at least in my knowledge, ever really shortened the overall

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1 task, but it has made it more confusing.

I think secondarily, related to that, is that here you have a number of disputed topics currently, and the analyses, many of them, are somewhat interrelated. That particularly is true of Biological Resources, which cuts right into the Water area and somewhat cuts into the Cultural Resources area as well.

8 I think it is much better to have the entire 9 document available as an integrated whole than to publish it 10 with a very large gap in the middle that has those kinds of 11 interrelated aspects. So, we think it would be improvident 12 to publish it in two pieces like that.

13 We think it would be preferable just, not to say BrightSource is the "Grinch that Stole Christmas," but to 14 15 let people have more time on the other end to prepare for 16 the hearings, because it is a big document and it covers a number of issues. I don't know, for instance, if 17 18 Ms. MacDonald's issues are adequately covered, but they 19 should be, and we would like to make sure that the parties 20 have time to do the testimony that they want to do in those 21 areas.

HEARING OFFICER CELLI: Thank you. So, what we'll do next is turn it back over to the -- so, thank you for those comments, and again, everything seems to be hinging on the publication date of the FSA. We'll see what happens and bear in mind the holidays. It looks like we are spilling
 into next year, Mr. Harris, for scheduling. I don't get the
 sense that applicant has any real heartburn about that.
 Let's hear from the applicant.

5 MR. HARRIS: Not the word I would have picked. б (Laughter.) I don't feel like we're stealing Christmas, by 7 the way. Speaking on behalf of the applicant, this is sort 8 of against the interests of the project manager here to have Christmas with his family, because if we were to follow the 9 10 current schedule and use those dates, the way it pencils out 11 in my mind is that we would file basically in the second 12 week of December or so, and the intervenors would be filing 13 their testimony on December 24th. I don't know that they 14 would be any happier about that day than after Christmas. It just kind of falls where it does. 15

16 I think it says a lot of the applicant here that staff is saying "we are ready to publish," and we're saying 17 18 "we think you need to hear a few more things." By the way, 19 we need the answers to the last data request that they put out. If they don't need that for the FSA, they can withdraw 20 I'd be fine with that result. Then I wouldn't have 21 it now. 22 to file any objections or file the documents. So, there are 23 still some data needs out there, and I think we're all going to benefit from this. It is absolutely against our own best 24 25 interest as well. That shows you how important it is that

1 we get it right.

HEARING OFFICER CELLI: Thank you. Let me just run around really quickly and see if there is anything further from staff before we go to public comment or Mr. Zellhoefer, anything further?

6 MR. ZELLHOEFER: I would just add that there was a 7 schedule. It's my understanding from the hearings today 8 that the FSA, as staff sees it, is ready to release. We'd all like to design the perfect building, but that is why 9 10 there are also evidentiary hearings that are part of this 11 procedure. I understand that the applicant would want to polish and buff everything as accurately as possible to not 12 13 raise any red flags, but a schedule is a schedule. The FSA 14 was due out a long time ago. It will never be perfect, and 15 I think we just have to bite the bullet and, if staff has it 16 ready, release it. Whatever needs to be corrected can be 17 corrected in the evidentiary hearings as they are typically 18 done. That's all.

HEARING OFFICER CELLI: Thank you for that comment. Let me ask next from Ileene Anderson. Do you have any further comment before we go to public comment?

MS. ANDERSON: My only comment would be, the more complete an FSA as possible would be best. That way, our comments are more focused on the issues that are outstanding and give us heartburn. I'd also like to say, avoidance of

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major deadlines during the late December holidays, I am 1 2 totally fine with that. 3 HEARING OFFICER CELLI: Thank you. Anything 4 further from Jack Prichett or Scott Smith regarding anything 5 before we go to public comment? Mr. Smith? 6 MR. SMITH: None from me. 7 HEARING OFFICER CELLI: All right. I don't know if Mr. Pritchett is still on. 8 9 (No response.) 10 HEARING OFFICER CELLI: We have Cindy MacDonald 11 next. Anything further? 12 MS. MacDONALD: I pretty much said what I wanted 13 to say. Thank you. 14 HEARING OFFICER CELLI: Thank you, and, finally, 15 Mr. Arnold, anything further? Richard Arnold? 16 MR. ARNOLD: No, I don't. I think I covered all 17 my points, thank you. 18 HEARING OFFICER CELLI: Thank you very much. 19 Okay, at this time, if nothing further from applicant, I'm 20 going to go to public comment. I'm going to ask 21 Ms. Jennings whether we have any members of the public in 22 the room here today. 23 MS, JENNINGS: No. 24 HEARING OFFICER CELLI: Okay, she says no, so I'm 25 going to go ahead and hear public comment on the phone.

Now, this is always an interesting process, so what I'd like 1 2 to do first is, I'm going to call on people who identified 3 themselves and typed in their names so I know who they are. 4 Then I'm going to put it out there for the people who 5 called in, and when I do that you will just have to speak up 6 and make your comment. 7 So, Bradley Brownlow, did you wish to make a 8 comment? 9 MR. BROWNLOW: No, thank you, sir. 10 HEARING OFFICER CELLI: Thank you. Jim Stroh is 11 on the computer without a telephone hookup. Some people are 12 just listening in. The same is true with Jonathan Fong. Ιf 13 you are just listening, that's fine, but if you did want to 14 make a comment, now would be the time to call in as we go 15 through. 16 Karen Parker, any comments? MS. PARKER: No. No comments. 17 18 HEARING OFFICER CELLI: Thank you. Just a 19 question, Karen Parker, are you on the telephone, or the computer, or both? 20 21 I'm on both. MS. PARKER: 22 HEARING OFFICER CELLI: Okay. Thank you. Call-in 23 Users 5, 6, and 7, if you would like to make a comment, 24 please speak up. You are all unmated, so go ahead and speak 25 up if you wish to make a comment, please do.

(No response.)

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HEARING OFFICER CELLI: Okay. Hearing none and
seeing nobody here, then I will return the gavel back to
Commissioner Douglas to adjourn.

5 PRESIDING MEMBER DOUGLAS: Thank you.6 Commissioner Peterman, any closing comments?

7 ASSOCIATE MEMBER PETERMAN: No, just to say I 8 appreciate the information that the parties have provided. 9 This has been very useful for me understanding the reasons 10 for the FSA delay and as well as hearing from the 11 intervenors. Mr. Zellhoefer, nice to finally do a face-to-12 face with you as well. Thank you for the opportunity.

13 PRESIDING MEMBER DOUGLAS: Thank you, Commissioner 14 Peterman. I'd like to join Commissioner Peterman in 15 thanking you for being here today. Mr. Zellhoefer, nice to 16 meet you in person. We will make sure we do not ruin anyone's Christmas. We will take some pains to do that. 17 Ι 18 hope that the workshop is productive. We'll look forward to 19 hearing what comes out of that and getting a fix on the date 20 for the FSA publication as soon as possible. So, thank you. 21 With that, we are adjourned.

(The Status Conference adjourned at 10:45 a.m.)

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CERTIFICATE OF REPORTER

I, REBECCA HUDSON, an Electronic Reporter and Transcriber, do hereby certify that I am a disinterested person herein; that I recorded the foregoing California Energy Commission Status Conference and thereafter transcribed it.

I further certify that I am not of counsel or attorney for any of the parties to said conference or in any way interested in the outcome of said conference.

IN WITNESS WHEREOF, I have hereunto set my hand this 17th day of November, 2012.

/s/ Rebecca R. Hudson REBECCA HUDSON