## PUBLIC HEARING

# STATE OF CALIFORNIA

### NATURAL RESOURCES AGENCY

In the Matter of:

PROPOSED CEQA GUIDELINE

AMENDMENTS FOR GREENHOUSE

GAS EMISSIONS(SB 97)

)

RONALD REAGAN STATE BUILDING

300 SOUTH SPRING STREET

AUDITORIUM

LOS ANGELES, CALIFORNIA

THURSDAY, AUGUST 20, 2009

1:02 P.M.

JAMES F. PETERS, CSR, RPR CERTIFIED SHORTHAND REPORTER LICENSE NUMBER 10063

ii

## APPEARANCES

### PANEL

Mr. Kirk Miller, General Counsel

Mr. Chris Calfee, Special Counsel

 $\operatorname{Mr.}$  Ian Peterson, Assistant Planner, Office of Planning and Research

## ALSO PRESENT

Ms. Hilda Geese

Ms. Sandra Genis, Planning Resources

 $\operatorname{Mr.}$  Patrick Griffith, California Wastewater Climate Change Working Group

Ms. Jocelyn Thompson, Alston & Bird

Mr. Victor Yamada, Southern California Edison

iii

# INDEX

| INDEX                                     | PAGE |
|---|------|
| Opening remarks by General Counsel Miller | 1    |
| Remarks by Special Counsel Calfee         | 3    |
| Ms. Genis                                 | 6    |
| Ms. Thompson                              | 11   |
| Mr. Griffith                              | 15   |
| Mr. Yamada                                | 17   |
| Ms. Genis                                 | 25   |
| Ms. Geese                                 | 27   |
| Closing remarks by Special Counsel Calfee | 28   |
| Adjournment                               | 28   |
| Reporter's Certificate                    | 29   |
|   |      |

| 1 | 1 | PR | 0 | CE: | ED | I | 1G | S |
|---|---|----|---|-----|----|---|----|---|
|   |   |    |   |     |    |   |    |   |

- 2 GENERAL COUNSEL MILLER: Good afternoon, ladies
- 3 and gentlemen. Thank you for coming. My name is Kirk
- 4 Miller. I'm General Counsel at the California Natural
- 5 Resources Agency, and I just have a few thoughts as we
- 6 move into this meeting.
- 7 This is the second such public forum we have
- 8 held. The first one was earlier this week in Sacramento.
- 9 It was so well received there, I see that we have some
- 10 repeat attenders for the meeting down here, so, you know,
- 11 that it's going to be very special.
- 12 The guidelines that are the subject of this
- 13 meeting were developed initially by the Governor's Office
- 14 of Planning and Research. We worked very closely with
- 15 that office in the development of these guidelines. I
- 16 would just like to acknowledge Terry Roberts, who's in
- 17 back, who led that effort for OPR for approximately the
- 18 past 12 months or so prior to the guidelines coming over
- 19 to Resources.
- 20 OPR was diligent in getting broad-scale public
- 21 input along the way. It was more informal than our own,
- 22 which follows the rule-making procedure, but also involved
- 23 public hearings, and publication of draft guidelines along
- 24 the way. These final guidelines were final -- subject to
- 25 public input were published on July 3rd and are the

- 1 subject of today's meeting.
- The CEQA quidelines are part of the Governor's
- 3 coordinated policy effort to reduce greenhouse gas
- 4 emissions. They're the first of their type, and they're
- 5 intended to provide input into that reduction at all
- 6 levels of government. Obviously, these will be
- 7 implemented at the local government level.
- 8 As you read and comment and think about them, do
- 9 remember that this is essentially CEQA greenhouse gas
- 10 guidelines 1.0. That's true for a couple of reasons.
- 11 One, is it that it's the first effort, and there's not
- 12 perhaps quite as much science to date as we would like in
- 13 attacking this problem.
- 14 And two, the law itself contemplates that we will
- 15 be revisiting all our guidelines, including these every
- 16 two years.
- 17 We very much thank you for coming today to offer
- 18 your thoughts about them, as well as those -- either
- 19 perhaps some of you here or others who have submitted
- 20 written comments already. And there is still an
- 21 opportunity to do that through the end of next week.
- 22 With that thought, let me introduce Chris Calfee.
- 23 Chris is Special Counsel to the Resources Agency, and has
- 24 had particular responsibility for preparing these
- 25 guidelines with OPR. And Ian Peterson who is a planner

1 has also been instrumental in developing the rules that

- 2 you'll be commenting on today.
- 3 Thank you.
- 4 SPECIAL COUNSEL CALFEE: Thank you, Kirk.
- 5 Welcome, everyone. Thank you for coming here to our
- 6 second hearing. Again, this is the hearing on the Natural
- 7 Resources Agency's SB 97 CEQA guidelines. If you're here
- 8 for another hearing, find that other hearing.
- 9 You probably notice near the back entrance there
- 10 are speaker cards and comment cards. If you do intend to
- 11 speak, please do fill out a speaker card and give that
- 12 card to Ian Peterson, he will be calling the speakers up
- 13 later on in this hearing.
- 14 The purpose of today's hearing really is to hear
- 15 your verbal comments on these guidelines. The Resources
- 16 Agency published these draft guidelines on July 3rd and
- 17 we've been in a public comment period since that time. As
- 18 Kirk mentioned, the comment period has been extended to
- 19 next week. Next week tomorrow, so that's -- not tomorrow.
- 20 A week from today. So August 27th is the comment
- 21 deadline.
- 22 But this hearing is everyone's opportunity to
- 23 give a verbal comment on these guidelines. Just a few
- 24 words on the Resources Agency's rule-making process. Once
- 25 the comment period closes, the Resources Agency will

- 1 review and consider all of the comments that have been
- 2 received, so that's written comments, and all comments
- 3 made at today's hearing and the hearing in Sacramento on
- 4 Tuesday.
- 5 After reviewing and considering those comments,
- 6 the Resources Agency will develop responses. And those
- 7 responses could either be revisions to the proposed
- 8 language or an explanation of why the revision wouldn't be
- 9 appropriate.
- 10 If the proposed guidelines language is revised,
- 11 that revision will be made public for additional review
- 12 and public comment. At the end of that process, once all
- 13 comments are considered and responded to, the Secretary
- 14 for the Resources Agency will consider whether to adopt
- 15 the guidelines as proposed.
- On the procedure for today's hearing, again, if
- 17 you could give your speaker cards to Ian Peterson, he will
- 18 be calling up speakers in the order received. Because the
- 19 Resources Agency will be developing written responses to
- 20 comments, we won't be providing responses in this forum,
- 21 so we really won't be able to provide immediate feedback
- 22 or answer questions in this forum, but do look out for
- 23 them in the Final Statement of Reasons.
- We might ask you clarifying questions, however,
- 25 just to make sure that we fully understand your comment.

1 In order to accommodate everyone, which I do believe we'll

- 2 be able to do today, we will impose a five minute time
- 3 limit. But if after everyone's had a chance to speak, if
- 4 you still have more you would like to say, there will be
- 5 an additional opportunity.
- 6 And again, the comment period has been extended
- 7 to next week, so you can also supplement with written
- 8 comments.
- 9 Just a few housekeeping matters, the restrooms
- 10 are back into the lobby and on the -- near the elevators
- 11 on that side of the building. Emergency exits are right
- 12 behind you and to your left.
- 13 If you would, take a moment right now to mute or
- 14 turn off your cell phones, that would be appreciated. Are
- 15 there any questions on the process or procedure for
- 16 today's hearing?
- 17 I think Kirk has something he would like to say.
- 18 GENERAL COUNSEL MILLER: I just want to be sure
- 19 that everyone is able to hear throughout the room, is that
- 20 the case?
- 21 And if there should be a problem hearing the
- 22 speakers, if you'd let us know, we'll turn the volume up
- 23 so that you're not frustrated by straining to hear someone
- 24 speak.
- 25 ASSISTANT PLANNER PETERSON: Well, I think with

1 that, if you have any speaker cards, please pass them to

- 2 the left and I will collect them right down here. And I
- 3 think we can open it up for public comment.
- 4 Don't be shy. Well, I think we did have one
- 5 person beat you.
- I believe it is Sandra?
- 7 MS. THOMPSON: No, but Sandra can go first if she
- 8 wants to.
- 9 ASSISTANT PLANNER PETERSON: And please announce
- 10 your name and the organization you're with.
- 11 MS. GENIS: Sandra Genis. I am an independent
- 12 planning consultant, Sandra Genis, Planning Resources.
- 13 I'm also on the Board of a number of environmental
- 14 nonprofit groups.
- We have to look at what the bill requires. The
- 16 bill directs OPR to develop mitigations for the -- or
- 17 greenhouse gases and the effects of greenhouse gases. You
- 18 were directed to develop methodologies or set standards or
- 19 develop thresholds or whatever.
- 20 And in that regard, these guidelines are somewhat
- 21 disappointing. For one thing, we're not seeing any of the
- 22 effects of greenhouse gases. For example, rising sea
- 23 level; how do you place your structures; what about
- 24 coastal armature; increased flood peaks; once again,
- 25 placement of structures, do we need additional flood

- 1 control methods; reduced availability of waters.
- I've seen EIRs where they say, yeah, you know,
- 3 we're going to -- they do a great analysis of greenhouse
- 4 gases being generated, and then the next section acts like
- 5 we're going to have the same old water supply we
- 6 anticipated, you know, in 2002.
- 7 Another major factor is stress on habitat, in
- 8 particular areas for retreat of habitat as the existing
- 9 habitat becomes flooded whether the rising sea level or
- 10 flooding.
- 11 Within that, there are other changes that seem to
- 12 go beyond. For one thing, the additional plans that were
- 13 suggested as being used in cumulative impact analysis,
- 14 there's -- I find annoyingly redundant, the blue print
- 15 plans.
- Well, if you look in the codes, Health and Safety
- 17 Code, in one place, says well, the regional blueprint plan
- 18 is whatever California Department of Business, Housing,
- 19 and Finance says it is.
- 20 And then there's a couple of other definitions
- 21 where they say, well, it includes RTP, it includes
- 22 regional housing, but it's kind of vague and amorphous.
- 23 There are no standards for adoption of the plans really.
- 24 It's too ooey.
- 25 And the same thing applies to the greenhouse

- 1 plans that are detailed in the proposed guidelines.
- 2 However, they say they may include certain things and they
- 3 may be adopted in a public hearing. But on the other
- 4 hand, they may not be. They may be adopted in a smoke
- 5 filled tent by a couple of guys. They may be adopted and
- 6 put together by the summer intern that you'll never see
- 7 again and has only had two years of college.
- 8 And then going on, I think certain parts of the
- 9 checklist were very helpful, the proposed changes. And I
- 10 particularly liked the first paragraph, because I do see
- 11 an awful lot of EIRs where people say, "That's the State
- 12 standard for significance, "when we know it's not.
- 13 So that was very helpful to have that
- 14 clarification. However, I have particular concerns about
- 15 the checklist changes in the area of transportation. I
- 16 suggest that you consult with CalTrans on that, because
- 17 they don't seem to reflect a real transportation,
- 18 planning, or traffic engineering viewpoint.
- 19 And they also -- as the first one has changed,
- 20 we're looking at merely a -- anything that goes over
- 21 capacity. But as we know, in CEQA, everything is
- 22 incremental. There's case law up the yin yang, San
- 23 Francisco Residence for Responsible Growth, Kings county
- 24 and whatnot. And this says it's not significant till you
- 25 are at that environmental point of no return. And as we

1 know, if we wait till then, we're going to have, as they

- 2 say, havoc in every aspect of the urban environment.
- 3 So we really need to maintain the existing standards where
- 4 each incremental change does its fare share, because
- 5 otherwise what happens is everybody needs to do their fair
- 6 share, and then it's done as opposed to waiting till the
- 7 end.
- And as we know, all mitigation must be
- 9 proportional to the impact. So if you're the straw that
- 10 breaks the camel's back, it's only one straw, so how could
- 11 you be expected to mitigate the entire problem. So that
- 12 particular guideline should not be changed.
- 13 And I also would suggest that you not change the
- 14 guidelines regarding in the checklist regarding parking.
- 15 Because while I was able to take the metro rail here, I
- 16 took the blue line and the red line or whatever it's
- 17 called, light rail. Most areas of California you can't do
- 18 that.
- 19 ASSISTANT PLANNER PETERSON: I apologize, you
- 20 have about one minute.
- 21 MS. GENIS: And so eliminating that, number one,
- 22 I know these are just suggested checklists, but they do
- 23 carry a certain degree of weight. And by eliminating
- 24 that, you're kind of taking it off the table. And I see
- 25 that as problematic, because that is -- anybody who has

- 1 worked in a city planning department knows, that that
- 2 parking is warned that it's one of the biggest issues.
- 3 And so to really eliminate that doesn't make sense.
- And in addition, you're probably going to
- 5 increase your greenhouse gases, while people just cruise
- 6 around looking for parking. So that's a problem.
- 7 I do agree with the other addition where a
- 8 threshold developed by others can be used, if they're
- 9 supported by evidence in the record. And that's so
- 10 important, because I see thresholds all over the place and
- 11 it's just cause all the other kids are doing it, but
- 12 there's no real evidence in the record.
- 13 So thank you for that.
- 14 Thank you.
- 15 ASSISTANT PLANNER PETERSON: Thank you. And I
- 16 think we have four comment cards. If anyone else who's
- 17 come in late -- we will check the mike, because it may not
- 18 have been turned on.
- 19 But if there's any other late comers who would
- 20 like to submit some comments, we also have comment sheet
- 21 cards you can fill out. Those will do just as well.
- I guess the mike wasn't turned on.
- 23 GENERAL COUNSEL MILLER: I assume this makes a
- 24 difference? It is in the on position now.
- MS. GENIS: Oh, it wasn't?

1 GENERAL COUNSEL MILLER: Can you hear better in

- 2 the back now?
- 3 Thank you.
- 4 ASSISTANT PLANNER PETERSON: Also, if you have
- 5 additional comments, because we cut you off at five
- 6 minutes, I think we can have an extra two minutes after
- 7 we're done with the cards. We may be able to fit you in.
- 8 So if I'm not mistaken it should be Jocelyn
- 9 Thompson, Alston and Bird.
- 10 MS. THOMPSON: Yes. Thank you, Jocelyn Thompson,
- 11 Alston & Bird.
- 12 First, I want to thank the Resources Agency, as
- 13 well as OPR, which I know started this effort. I
- 14 appreciate the fact that the proposed guidelines
- 15 acknowledge the discretion that remains with the lead
- 16 agencies. These are guidelines rather than mandates, and
- 17 they are urging the lead agencies to fulfill their
- 18 responsibilities without handcuffing them a certain way.
- 19 I think that's appropriate and consistent with CEQA.
- 20 So that's my overall comment.
- 21 And then I have questions on three of the
- 22 changes. They aren't necessarily greenhouse gas specific.
- 23 They seem to be ones that are a little bit broader than
- 24 that, though I'm sure they have implications for the
- 25 climate change as well.

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1 The first is in 15064.7, thresholds of
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- 2 significance. And actually this is the topic that the
- 3 last speaker ended with, which is one lead agency relying
- 4 on or -- what does it specifically say? "Considering
- 5 thresholds adopted by another agency," so long as it's
- 6 supported by -- so long as their decision is supported by
- 7 substantial evidence. And that decision appears to be the
- 8 decision of the lead agency.
- 9 I'm not clear what you're saying. Are you saying
- 10 that the lead agency needs to document why it's relying on
- 11 someone else's standard? For example, a county considers
- 12 the Air Resources Board to be expert in a particular
- 13 topic, and therefore that is why it is relying on the
- 14 standard? Or are you saying that the lead agency needs to
- 15 seek out all of the substantial evidence that's supported
- 16 the expert agency's decision? Okay, it's not clear to me
- 17 which way that's going.
- 18 One could be efficient and I think rational and
- 19 the other could be really burdensome, not only with
- 20 climate change standards, but with all other standards
- 21 that might work that way.
- 22 My second question comes out of 15093, Statement
- 23 of Overriding Considerations, Subsection D, "When an
- 24 agency makes a Statement of Overriding Considerations, the
- 25 agency may consider adverse environmental effects in the

1 context of regionwide or statewide environmental

- 2 benefits."
- 3 I don't know why this is being proposed. I don't
- 4 know what we're trying to fix or what we're trying to add
- 5 that's not already here. In A, they already say that the
- 6 override is a balancing of a whole bunch of factors,
- 7 including ones that aren't even named. Any other benefits
- 8 can balance up against the environmental impacts as well.
- 9 Whereas, in D, we seem to be narrowing things.
- 10 We're saying you have an adverse environmental effect and
- 11 can you balance it against a regionwide or statewide
- 12 environmental benefit. Well, there can be regionwide and
- 13 statewide non-environmental benefits that are important,
- 14 so it shouldn't just be limited to environmental benefits.
- 15 And in addition, I'm not sure why we're speaking
- 16 regionwide and statewide. I think that already goes
- 17 without saying that you can balance any number of things,
- 18 and there could be cross-border benefits that could be
- 19 taken into account and justify an override as well. I
- 20 don't think CEQA has precluded that in the past. So I
- 21 think this is a subsection, I can't figure out its
- 22 mission, and it seems to be limiting more than helping or
- 23 guiding.
- 24 My last question comes out of Appendix F, the
- 25 Energy Conservation Appendix. This appendix is basically

1 telling people, and always has been, that you need to go

- 2 out and consider whether this is an efficiently designed
- 3 project, so it uses as little energy as is cost effective
- 4 and appropriate for that type of project, or that specific
- 5 project.
- And then we have this sentence tagged on, "A lead
- 7 agency may consider the extent to which an energy source
- 8 serving the project has already undergone environmental
- 9 review that adequately analyzed and mitigated the effects
- 10 of energy production."
- 11 That's a completely different question. It's
- 12 something completely different than what this appendix has
- 13 been aimed at in the past. So, for example, it doesn't
- 14 matter that the new powerplant is the best that you could
- 15 possibly build and has mitigated a hundred percent.
- 16 That's good, but that doesn't tell us whether the new
- 17 proposed project is designed from an environmentally --
- 18 I'm sorry, energy efficient perspective, because you want
- 19 to make sure that each project is well designed, so that
- 20 it draws as little as possible from that well-designed,
- 21 well-mitigated powerplant, so that we can accommodate more
- 22 growth, more activity, in an environmentally sound manner.
- 23 So I think this is misplaced.
- 24 And that's the end of my comments.
- 25 ASSISTANT PLANNER PETERSON: Thank you very much.

1 Patrick Griffith, Los Angeles County Sanitation

- 2 District.
- 3 Pat Griffith, Los Angeles County Sanitation
- 4 Districts.
- 5 MR. GRIFFITH: I'll introduce myself.
- 6 Yeah. Good afternoon. My name is Patrick
- 7 Griffith and I work for L.A. County Sanitation Districts.
- 8 And today I'm speaking on another alphabet soup, which is
- 9 the California Wastewater Climate Change Group. And that
- 10 group is a State coalition of wastewater treatment
- 11 agencies that treat about 90 percent of the state's
- 12 wastewater, municipal wastewater, in California.
- 13 And we just want to highlight one of our concerns
- 14 with the -- I guess, with the whole process. It's more
- 15 than just the work that you are doing with regards to CEQA
- 16 and climate change.
- 17 And we feel that any greenhouse gas proposal, be
- 18 it a regulation or what you're doing with CEQA, should
- 19 distinguish between anthropogenic emissions versus those
- 20 emissions that are derived from activities that mimic the
- 21 short-term carbon cycle. So for example, direct carbon
- 22 dioxide emissions from renewable fuels or biomass, biogas
- 23 and carbon dioxide from municipal wastewater treatment
- 24 plants are all recognized by the IPCC and EPA as being
- 25 part of the short-term carbon cycle. And again, I'm only

- 1 talking about the CO2 part of it.
- 2 And we are concerned that from what we've been
- 3 watching with the CEQA significant thresholds that are in
- 4 the process of being developed, and some that have been
- 5 approved, by different air district boards, et cetera,
- 6 that there's no distinction being made between use of
- 7 fossil fuel versus the use of a carbon neutral fuel, when
- 8 you're comparing your emissions to some bright line
- 9 threshold for example.
- 10 And our concern is that if there's no distinction
- 11 made between these two, then the combustion of a renewable
- 12 fuel could falsely trigger a determination of
- 13 significance. And I don't know if that's really your
- 14 intent or not. And we feel that to discourage the use of
- 15 renewable fuels in that way is akin to reversing all the
- 16 energies that the State and federal initiatives are doing
- 17 to promote green energy and the green economy and to
- 18 reduce greenhouse gases, because these renewables are
- 19 meant to replace a lot of fossil fuels that are in use
- 20 today.
- 21 And just reading in the CEQA guidelines, it seems
- 22 that lead agencies must reach a significance determination
- 23 if the incremental emissions or contributions are
- 24 cumulatively considerable. But in the case of these
- 25 renewables, the CO2 part of it doesn't change. The

1 atmospheric -- well, what's happening is it takes CO2 from

- 2 the atmosphere and it gets pulled in by some plants or
- 3 algae or whatever, and then it gets utilized someway. And
- 4 then that same carbon is returned back to the atmosphere.
- 5 So there's no direct physical change to the atmosphere.
- 6 The net change is zero.
- 7 So we ask the Resources Agency to advise lead
- 8 agencies when considering cumulative impacts that carbon
- 9 dioxide emissions, derived from renewable fuels and
- 10 biomass and biogas, and such carbon emitted from other
- 11 sources that mimic the short-term carbon cycle that is in
- 12 nature, that these be considered not cumulatively
- 13 considerable under CEQA.
- 14 And moreover, we ask that the Resources Agency
- 15 should advise that these emissions are not -- should not
- 16 be considered in any bright line significance threshold.
- 17 And we will follow up my statements with a letter that
- 18 will be explaining in a few more details.
- 19 Thank you.
- 20 ASSISTANT PLANNER PETERSON: Thank you. We look
- 21 forward to your letter.
- I think that's all the speaker cards that we
- 23 have, unless there was -- do we have another one?
- 24 Any other speaker cards?
- MR. YAMADA: I gave you my card from Southern

- 1 California Edison.
- 2 ASSISTANT PLANNER PETERSON: It somehow
- 3 disappeared. I apologize. Come on up. Thank you.
- 4 MR. YAMADA: Thank you. Victor Yamada with
- 5 Southern California Edison.
- 6 To start off with, Southern California Edison,
- 7 along with San Diego Gas and Electric, Pacific Gas and
- 8 Electric and Independent Energy Producers Association
- 9 provided previously consistent comments to the Agency.
- 10 And these were submitted on January 27th.
- 11 Take a quick note that the three utilities
- 12 represented serve approximately 70 percent of the
- 13 electrical customers in California. So we therefore play
- 14 an integral role in California's energy and low carbon
- 15 future.
- 16 Let me just take a few minutes to highlight our
- 17 previously submitted comments.
- 18 As an overview, we appreciate the importance of
- 19 California's greenhouse gas reduction goals, as written in
- 20 AB 32, and in the subsequent AB 32 CARB scoping plan. Of
- 21 note, the scoping plan includes GHG reduction measures
- 22 shown in a cumulative net reduction from baseline year for
- 23 the electricity sector. We also appreciate that
- 24 California law SB 97 now requires lead agencies to
- 25 consider greenhouse gas emissions under CEQA.

1 We pointed out that the electricity sector is a

- 2 unique one. The electricity sector's operations of the
- 3 entire grid, as a whole, and its policy compliance
- 4 directly govern what the cumulative GHG emissions are.
- 5 Also, the electricity sector's operations must be
- 6 consistent with regulatory regimes that exist or will
- 7 exist in the future. A key example is compliance with GHG
- 8 implementation measures as they're included in the AB 32
- 9 scoping plan and as that's carried forward to regulations.
- 10 We've submitted some changes to the proposed
- 11 guideline amendments that we feel will be more explicitly
- 12 appropriate to take into account the need to analyze the
- 13 effects of the electricity sector projects in the context
- 14 of dynamics of the whole electricity system.
- 15 Let me expand on three points. Number one,
- 16 the -- as I touched on before, the electricity sector
- 17 development poses a unique challenge. The electric grid
- 18 operates as a single machine that's coordinated by system
- 19 operators in real time. The system is dispatched, meaning
- 20 that it's ordered to operate by a system operator by a
- 21 State system operator to meet consumer demand as a whole.
- 22 That dispatch is what governs the operation of
- 23 the individual powerplants and in turn governs the amount
- 24 of greenhouse gas emissions that are associated with the
- 25 operation of the electric grid. When the individual

1 generating units don't operate, there's obviously a

- 2 reduction in GHG emissions.
- Another subpoint, generally powerplants are
- 4 dispatched based on their efficiencies. More efficient
- 5 units typically have lower costs, lower emissions, and
- 6 thus are run more often.
- 7 A majority, if not all, of the new projects that
- 8 are being proposed today, with Best Available Control
- 9 Technologies, would be placed in service with the
- 10 understanding that they would displace less efficient
- 11 higher emitting powerplants in the dispatch order.
- 12 Another subpoint, policy planning plays an
- 13 integral role in the amount of GHGs that are emitted
- 14 during the operation of the electricity grid. The system
- 15 operates according to a well defined and mandated state
- 16 loading order. The order was created by the California
- 17 Energy Action Plan and it guides procurement of
- 18 electricity by the utilities.
- 19 The objectives of the order are to ensure that
- 20 the State's electrical system is developed in a cost
- 21 effective manner and in the interest of the consumers and
- 22 the environment.
- 23 The priorities that are established in the
- 24 loading order are, first, energy efficiency and other
- 25 demand-sided resources followed by renewable energy,

1 distributed generation, combined heat and power systems,

- 2 and finally conventional generation.
- 3 Implementation of the State's loading order will
- 4 lead to a substantial systemwide reduction in GHG
- 5 emissions. Analyses have been undertaken and referred to
- 6 in the CPUC and the CEC's final recommendations to the
- 7 CARB, to the Air Resources Board, on GHG regulatory
- 8 strategies to demonstrate that there will be substantial
- 9 cumulative reductions in GHG emissions by 2020.
- 10 ASSISTANT PLANNER PETERSON: You have about one
- 11 minute.
- MR. YAMADA: I'm sorry, one minute?
- ASSISTANT PLANNER PETERSON: Yes.
- 14 MR. YAMADA: As the State pursues more aggressive
- 15 renewable energy goals, renewable powerplants are being
- 16 proposed in significant numbers.
- To support these renewables to some of these,
- 18 many of these are remotely located and have variable
- 19 operating characteristics, such as wind and solar. The
- 20 State will require, what are called, dispatchable units,
- 21 which are relatively clean fossil generators that support
- 22 flexible combined cycle and peaking units.
- 23 The need for these flexible clean fossil
- 24 generating units are therefore directly linked to the
- 25 State's implementation of the aggressive GHG goal to the

1 expansion of clean renewable generation. These gas units

- 2 are crucial to ensure grid reliability as the State brings
- 3 on more of these renewable activities.
- 4 Again, importantly both the new relatively clean
- 5 gas-fired units, and renewable facilities collectively
- 6 will displace the emissions of existing powerplants,
- 7 resulting in a net overall reduction in GHG emissions
- 8 associated with the operation of their electrical system
- 9 in California.
- 10 In the --
- 11 ASSISTANT PLANNER PETERSON: I apologize for
- 12 that. You need to wrap up.
- 13 MR. YAMADA: -- we can't afford by a lead agency
- 14 when they need to evaluate these systems.
- 15 ASSISTANT PLANNER PETERSON: I just like to be
- 16 consistent up here.
- 17 MR. YAMADA: Yes.
- 18 ASSISTANT PLANNER PETERSON: If there aren't any
- 19 other speakers, we could go for another minute.
- 20 GENERAL COUNSEL MILLER: I think we can
- 21 accommodate him.
- MR. YAMADA: Otherwise, I'll come back.
- 23 GENERAL COUNSEL MILLER: Go ahead.
- MR. YAMADA: Let me repeat my last sentence.
- 25 These system aspects must be accounted for by lead

- 1 agencies when they valuate these facilities.
- 2 My second large point, the need to analyze system
- 3 GHG emissions the lead agencies must fully inform the
- 4 public.
- 5 Our primary concern with the proposed guideline
- 6 amendments, as they're put on the paper now, is the need
- 7 to clearly provide for analysis of GHG emissions from new
- 8 projects in the electrical sector in the context of the
- 9 entire electricity system.
- 10 The amendment should be clarified to the lead
- 11 agencies to consider a project's impact and accommodation
- 12 with past, present or future projects and activities. Our
- 13 position is consistent with the fact that GHG emissions
- 14 should be evaluated in the context of cumulative effects.
- 15 My last major point, the SB 97 amendments could
- 16 be counterproductive by frustrating the State's renewable
- 17 portfolio standard. We're concerned that lead agencies
- 18 could incorrectly believe that they must provide
- 19 mitigation on projects that are, in fact, having a
- 20 significant benefit to the system from a GHG perspective.
- 21 For example, as I touched on before, these
- 22 dispatchable generating units designed to serve the peak
- 23 load in conjunction with the variable renewable resources,
- 24 are needed to maintain the overall electricity grid
- 25 reliability.

1 If these plants aren't analyzed in the context of

- 2 the total system situation, they could be considered as
- 3 incremental increasing emissions.
- 4 To conclude, as I said before, we've submitted
- 5 previous specific changes that we suggest to the Agency.
- 6 And again, these are geared for accommodating analysis of
- 7 GHG emissions on a systemic non-incremental basis.
- 8 And again, we also thank the Resources Agency and
- 9 the Office of Planning and Research for all the hard work
- 10 and what you'll be doing in the future.
- 11 Thanks.
- 12 GENERAL COUNSEL MILLER: Thank you. If I could
- 13 follow up with a question.
- MR. YAMADA: Sure.
- 15 GENERAL COUNSEL MILLER: I understand that you
- 16 have submitted specific language. It may be difficult for
- 17 you to speak off the top of your head to a technical
- 18 submission. But if you're able to do so, could you
- 19 comment more specifically on the change you would seek
- 20 that you believe would better accommodate the argument
- 21 that you would like to be in a position to make two local
- 22 agencies in connection with the consideration of new
- 23 powerplants of the type you've described.
- 24 MR. YAMADA: It is a difficult refinement. I'm
- 25 going to beg off, because we are considering -- as you

1 might know, considering an additional set of comments to

- 2 speak exactly to that.
- 3 I think the language that you have presently
- 4 proposed is -- we think somewhat addresses it, but we
- 5 think there is refinement that could be more appropriate
- 6 as there's more explicit guidance on the topics that I've
- 7 touched on.
- 8 So I'm not dodging the question. I can't answer
- 9 that. But it's a good point that we're -- we, as a group,
- 10 are collecting our thoughts and we'll submit that within
- 11 the next few days.
- 12 SPECIAL COUNSEL CALFEE: Thank you for your
- 13 comments.
- 14 Is there anyone else who has not yet had a chance
- 15 to speak that would like to do so?
- 16 Is there anyone else who feels that they have
- 17 additional comments beyond the five minutes that they were
- 18 given that would like to continue to make comments?
- 19 There are a lot of people in this room.
- 20 (Laughter.)
- 21 SPECIAL COUNSEL CALFEE: None of you have --
- MS. GENIS: May I add one thing?
- 23 SPECIAL COUNSEL CALFEE: And when you come up,
- 24 could you identify yourself again.
- 25 MS. GENIS: Sandra Genis. In view of the fact

1 that SB 97 directs OPR to develop guidelines for the

- 2 mitigation of greenhouse gases and the effects of
- 3 greenhouse gases -- I talked about some of those
- 4 previously, rising sea level issues, placement of
- 5 structures, coastal armature, affects of sand and erosion,
- 6 and we need to buffer habitats and so forth. But as long
- 7 as we have -- I looked at the list. We have a lot of
- 8 people who are experts here, who probably could provide
- 9 some good ideas as to how to mitigate some of those
- 10 things, lack of water, reduced snowpack, increased peak
- 11 flooding.
- 12 And so I bet even people who didn't provide
- 13 written comments that didn't think of speaking, maybe
- 14 could use as sort of a workshop format, not to hijack the
- 15 meeting, but to come up with some of these mitigations.
- 16 MR. GRIFFITH: Can I ask a question of your
- 17 speaker?
- 18 THE REPORTER: Can he come forward?
- 19 MR. GRIFFITH: Did you mean adaptations or --
- 20 MS. GENIS: Well, if you read the law --
- 21 SPECIAL COUNSEL CALFEE: Actually, I'm sorry --
- MR. GRIFFITH: I'm out of order?
- 23 SPECIAL COUNSEL CALFEE: A little bit. A few
- 24 people did enter the room, and I do want to give them the
- 25 chance to speak if they choose.

1 Is there anyone else who would like a chance to

- 2 speak?
- 3 Seeing none, I do want to remind everyone that
- 4 our comment -- our written comment period does close next
- 5 week on August 27th. If there's anyone here that would
- 6 like to provide comments, there are comment cards
- 7 available where you can write out your comments.
- 8 MS. GEESE: Excuse me, will you have those on
- 9 your website --
- 10 THE REPORTER: Can she identify and come forward.
- MS. GEESE: -- at the end or at anytime at all
- 12 the comments.
- 13 THE REPORTER: Can she identify and come forward.
- 14 SPECIAL COUNSEL CALFEE: Would you mind
- 15 identifying yourself.
- MS. GEESE: No, I was just asking with -- my
- 17 questions was --
- 18 SPECIAL COUNSEL CALFEE: Can you please identify
- 19 yourself.
- 20 MS. GEESE: Hilda Geese. Just a citizen.
- 21 Will these comments be at any time on your
- 22 website?
- 23 SPECIAL COUNSEL CALFEE: Following the close of
- 24 the comment period, we will post comments.
- MS. GEESE: Okay, thanks.

MS. MASON: The answer to that question was yes,

1

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2 they'll be posted on the website, the comments or --
             SPECIAL COUNSEL CALFEE: That is correct. For
 3
 4 those who didn't hear, we will post the comments that we
 5 received following the close of the comment period. Those
 6 will be on our website.
             Are there any other questions as to process?
 8
             Seeing none, I do want to thank everyone again
   for coming out and for participating in this hearing. I
10 believe we're closed.
11
            Thank you.
            (Thereupon the California Natural Resources
12
13
             Agency public hearing adjourned at 1:43 p.m.)
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| 1  | CERTIFICATE OF REPORTER                                    |
|----|--|
| 2  | I, JAMES F. PETERS, a Certified Shorthand                  |
| 3  | Reporter of the State of California, and Registered        |
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| 5  | That I am a disinterested person herein; that the          |
| 6  | foregoing California Natural Resources Agency public       |
| 7  | hearing was reported in shorthand by me, James F. Peters,  |
| 8  | a Certified Shorthand Reporter of the State of California, |
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| 13 | way interested in the outcome of said hearing.             |
| 14 | IN WITNESS WHEREOF, I have hereunto set my hand            |
| 15 | this 24th day of August, 2009.                             |
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