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CALIFORNIA ENERGY COMMISSION

COMMITTEE CONFERENCE AND CLOSED SESSION

In the Matter of:)	Docket No. 20-SPPE-01
)	
Application for Small Power)	COMMITTEE CONFERENCE
Plan Exemption for the:)	AND RELATED ORDERS
Great Oaks South Backup)	Re: Great Oaks South
Generating Facility)	Backup Generating
)	Facility
)	

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

COMMITTEE CONFERENCE AND CLOSED SESSION

REMOTE

MONDAY, JULY 13, 2020

1:32 P.M.

Reported by: Peter Petty

APPEARANCES

COMMISSIONERS PRESENT:

Commissioner Karen Douglas, Presiding Member Chair David Hochschild, Associate Member

CEC STAFF PRESENT:

Susan Cochran, Hearing Officer
Kourtney Vaccaro, Advisor to Commissioner Douglas
Eli Harland, Advisor to Commissioner Douglas
Le-Quyen Nguyen, Advisor to Chair Hochschild
John Hilliard, Technical Advisor to the Commission on Siting
Matters
Lisa Worrall, Project Manager
Lisa DeCarlo, Staff Counsel
Jared Babula
Steven Kerr
Rosemary Avalos, Public Advisor's Office
Cody Goldthrite, Secretariat

APPLICANT:

Scott Galati, Esq. Masoud Zafaripour, SV1, LLC

PUBLIC AGENCIES:

Pippin Mader, California Air Resources Board (CARB) Jakub Zielkiewicz, Bay Area Quality Management District (BAAQMND) Meenaxi Raval, City of San Jose

PUBLIC COMMENT:

Jakub Zielkiewicz, Bay Area Quality Management District

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- 2 JULY 13, 2020 1:32 P.M.
- 3 COMMISSIONER DOUGLAS: So this is the Committee
- 4 Conference Regarding the Application for Small Power Plant
- 5 Exemption for the Great Oaks South Backup Generating
- 6 Facility.
- 7 The California Energy Commission has assigned a
- 8 committee of two commissioners to conduct these proceedings.
- 9 I'm Karen Douglas, the presiding member of this committee.
- 10 Chair David Hochschild is the associate member of this
- 11 Committee. We are all participating remotely today using
- 12 Zoom.
- I would like to introduce some of the people in
- 14 attendance today. So Chair Hochschild we just heard has
- 15 joined us in the Zoom meeting. My advisor Kourtney Vaccaro
- 16 is here as well as Eli Harland who is also my advisor. And
- 17 Le-Quyen Nguyen, advisor to Chair Hochschild, is here. John
- 18 Hilliard is the technical advisor to the Commission on Siting
- 19 Members, Siting Matters. And Susan Cochran is the hearing
- 20 officer for this event.
- 21 I would also like to introduce the Public Advisor's
- 22 Office represented by Rosemary Avalos.
- 23 At this point, I'd like to ask the parties to please
- 24 introduce themselves and their representatives, starting with
- 25 the Applicant.

- 1 MR. GALATI: Good morning, Commissioner Douglas and
- 2 Chair Hochschild. This is Scott Galati. I am representing
- 3 SV1 which is a division of Equinix.
- 4 On the phone that will be speaking later today is
- 5 Masoud Zafaripour and he is a project manager of the Great
- 6 Oaks South project. And he can introduce himself again when
- 7 it's his time for his presentation.
- 8 COMMISSIONER DOUGLAS: Thank you.
- 9 And now staff, could you introduce yourselves,
- 10 please.
- 11 MS. WORRALL: Yes. I am Lisa Worrall and I am the
- 12 project manager for the Great Oaks South Backup Generating
- 13 Facility.
- 14 And I have -- I think I have two of my staff
- 15 attorneys on the line if they want to introduce themselves.
- MS. DECARLO: Thanks, Lisa.
- 17 This is Lisa DeCarlo, Energy Commission staff
- 18 counsel. I'm filling in for Kerry Willis while she's out.
- 19 And with us as well is Jared Babula who's also filling in in
- 20 the ACC position for Kerry.
- 21 COMMISSIONER DOUGLAS: Great. Thank you very much,
- 22 Ms. DeCarlo.
- 23 At this point, I invite any public agencies to
- 24 introduce themselves. And let me just start by asking, are
- 25 there any federal government agency on the phone? Or any

- 1 state government agency representatives not including the
- 2 Energy Commission?
- 3 HEARING OFFICER COCHRAN: Cody, it looks as though we
- 4 have some folks who've raised their hand. They may be trying
- 5 to respond to Commissioner Douglas. Can you authorize them
- 6 to speak? I see a --
- 7 MR. GOLDTHRITE: They are authorized to speak.
- 8 HEARING OFFICER COCHRAN: Okay.
- 9 MS. RAVAL: Good afternoon, everybody in the
- 10 Commission. I'm the staff of CEC. My name is Meenaxi Raval,
- 11 I'm a supervisor with (indiscernible) with the city of San
- 12 Jose. And from city's end, I'll be managing this project.
- 13 COMMISSIONER DOUGLAS: Thank you very much. And for
- 14 the benefit of the court reporter, if you could spell your
- 15 name, that would be really helpful.
- MS. RAVAL: Absolutely. M-E-E-N-A-X-I. And my last
- 17 name is spelled Raval, R-A-V-A-L.
- 18 COMMISSIONER DOUGLAS: Thank you.
- MS. RAVAL: Thank you.
- 20 COMMISSIONER DOUGLAS: Other public agencies on
- 21 this -- participating today?
- MR. ZIELKIEWICZ: Hi, this is Jakub Zielkiewicz from
- 23 the Bay Area Air Quality Management District.
- 24 COMMISSIONER DOUGLAS: All right. Thank you.
- 25 HEARING OFFICER COCHRAN: Again, Mr. Zielkiewicz, if

- 1 you could spell your name for the court reporter, that would
- 2 be very helpful.
- 3 MR. ZIELKIEWICZ: Of course. Jakub is spelled
- 4 J-A-K-U-B, for boy. Zielkiewicz, is spelled, Z, for Zebra,
- 5 I-E-L-K-I-E-W-I-C, for Charlie, Z, for Zebra. Thank you.
- 6 HEARING OFFICER COCHRAN: Thank you.
- 7 COMMISSIONER DOUGLAS: Thank you.
- 8 Any other public agencies? So local agencies, Native
- 9 American tribes, federal or state agencies.
- 10 MR. MADER: This is Pippin Mader from the California
- 11 Air Resources Board.
- 12 COMMISSIONER DOUGLAS: Great. Thank you for joining
- 13 us today.
- MR. MADER: Thanks for having us.
- 15 COMMISSIONER DOUGLAS: Absolutely.
- 16 Anybody else?
- 17 All right. Chair Hochschild, do you have any opening
- 18 remarks?
- 19 CHAIR HOCHSCHILD: I do not. Thanks.
- 20 COMMISSIONER DOUGLAS: Absolutely.
- 21 So I will now turn the proceedings over to Susan
- 22 Cochran, the hearing officer, who will handle this event to
- 23 discuss small power plant exemptions, generally, and then to
- 24 lead a discussion about the Great Oaks South Backup
- 25 Generating Facility application for a small power plant

- 1 exemption.
- 2 So go ahead, Susan.
- 3 HEARING OFFICER COCHRAN: Thank you very much.
- 4 Good afternoon. As Commissioner Douglas stated, my
- 5 name is Susan Cochran and I am the hearing -- I'm a hearing
- 6 officer who will be handling this event to discuss the Great
- 7 Oaks South Power -- sorry, the Great Oaks South Backup
- 8 Generating Facility application.
- 9 I'm a hearing officer with the California Energy
- 10 Commission which I will refer to as the CEC from here on out.
- 11 The hearing officer who is actually assigned to this case,
- 12 Rebecca Westmore, is unable to join with us today so I will
- 13 be acting on her behalf.
- 14 The function of the hearing officer is to assist the
- 15 Committee and the CEC in conducting hearings on applications
- 16 and in preparing documents such as orders, notices, and
- 17 decisions.
- On March 19, 2020, SV1, LLC a whole subsidiary of
- 19 Equinix, LLC, filed an application for a small power plant
- 20 exemption, SPPE, for the Great Oaks South Backup Generating
- 21 Facility. I'm going to refer to that as an application.
- The purpose of the Great Oaks South Backup Generating
- 23 Facility is to provide an uninterruptible power supply for
- 24 the Great Oaks South Data Center in San Jose, California.
- 25 The Applicant purposes to build 36 three-megawatt generators

- 1 to support the demand of each of the three buildings making
- 2 up the data center and three 0.5 megawatt generators to
- 3 support life safety. There will be one of those at each of
- 4 the three buildings. The Applicant has estimated the total
- 5 demand of the data center buildings is 99 megawatts.
- 6 The CEC created an electronic docket, 20-SPPE-01 for
- 7 the application. The CEC has appointed two of its members,
- 8 Commissioner Karen Douglas and Chair David Hochschild who
- 9 introduced themselves to you today as a committee to conduct
- 10 proceedings on this application.
- 11 Notice of today's committee conference was posted on
- 12 July 2, 2020. The notice for today's conference and other
- 13 documents related to this application for exemption are
- 14 available on the CEC's website in the electronic docket for
- 15 this proceeding. The PowerPoint presentations you will see
- 16 today will be filed in the docket over the next couple of
- 17 days.
- 18 Before we proceed, I want to discuss some
- 19 housekeeping issues. Consistent with Governor Newsom's
- 20 Executive Orders N-25-20 and N-29-20 and the recommendations
- 21 from the California Department of Health to encourage
- 22 physical distancing to slow the spread of COVID-19, we are
- 23 conducting this committee conference remotely using Zoom. We
- 24 have set this Zoom meeting up so that most participants will
- 25 not be able to mute and unmute themselves to speak. You may

- 1 still mute your phone by pressing star 6. You should be able
- 2 to hear the meeting.
- 3 There's a court reporter taking down all of the
- 4 comments made and questions asked today. I therefore must
- 5 ask that only one person speak at a time. If you would like
- 6 to be recognized, please use the raise hand feature as
- 7 someone has already done during the course of this committee
- 8 conference already. If you're on your phone, press star 9 to
- 9 raise your hand. If you have muted your phone by pressing
- 10 star 6, please be sure to unmute yourself by pressing star 6
- 11 again.
- 12 The raise your hand feature creates a list of
- 13 speakers based on the time when your hand was raised. We
- 14 will call on you in that order. I will review these
- 15 directions again before we start the public comment period.
- 16 Please identify yourself before you speak. As you
- 17 saw already, we've already asked folks to say and spell their
- 18 name slowly. That is important for me and for the court
- 19 reporter. If you do not identify yourself, either the court
- 20 reporter or I may interrupt you to ask you to do so to ensure
- 21 that we have a complete and accurate record of this committee
- 22 conference.
- 23 If you run into any difficulties, please contact the
- 24 Public Advisor's Office or visit the Zoom help center. The
- 25 contact information for both of these is on page 5 of the

- 1 notice for today's committee conference.
- 2 Before I move on, are there any questions?
- 3 Seeing none, I'm now going to move on to the
- 4 substance of today's conference.
- 5 The purpose of today's committee conference is to
- 6 review the current status of the proceeding to provide the
- 7 public with an overview of the process by which the CEC will
- 8 consider the application to hear more about the project and
- 9 its features and to develop a schedule.
- Next slide, please.
- 11 At today's conference, first I will give an overview
- 12 describing a small power plant exemption, again, known as an
- 13 SPPE. And then I'll outline some of the rules applicable to
- 14 CEC proceedings. After I give that overview, the CEC's
- 15 Public Advisor's Office will discuss opportunities for public
- 16 participation in this proceeding.
- 17 Following the Public Advisor's Office, we will hear
- 18 from the Applicant about the application. CEC staff will
- 19 then discuss their role in reviewing the application.
- Next slide, please.
- 21 Following staff's presentation as stated in the
- 22 agenda for today, the Committee and the parties will discuss
- 23 a schedule and any other topics regarding the application.
- 24 There will then be an opportunity for public comment. The
- 25 Committee has also given notice that it may hold a closed

- 1 session. We will decide whether that is necessary after we
- 2 have heard from everyone.
- 3 After all of that, we will then adjourn the meeting.
- 4 Next slide, please.
- 5 The CEC was created in 1974 with the passage of the
- 6 Warren-Alquist Act. Under that law, the CEC has the
- 7 exclusive authority to consider and ultimately approve or
- 8 deny applications for the construction and operation of
- 9 thermal power plants that will generate 50 megawatts or more
- 10 of electricity.
- 11 The Warren-Alquist Act allows builders of thermal
- 12 power plants that will generate from 50 to 100 megawatts to
- 13 apply to the CEC for an exemption from this exclusive
- 14 jurisdiction if the proposed project meets certain criteria.
- 15 This exemption is known as the SPPE.
- Next slide, please.
- 17 To grant an SPPE, the Warren-Alquist Act states that
- 18 the CEC must make three separate and distinct determination.
- 19 First, that the proposed power plant has a generating
- 20 capacity of no more than 100 megawatts. Second, that no
- 21 substantial adverse impact on the environment will result
- 22 from the construction or operation of the power plant. And
- 23 third, that no substantial adverse impact on energy resources
- 24 will result from the construction or operation of the power
- 25 plant.

1	Next	slide,	please.

- 2 In addition to meeting the requirements under the
- 3 Warren-Alquist Act, the CEC must also analyze an SPPE
- 4 application under the California Environmental Quality Act,
- 5 otherwise known as CEQA. The CEC is the CEQA lead agency and
- 6 considers the whole of the action. For the application for
- 7 the Great Oaks South Backup Generating Facility, the whole of
- 8 the action means not just the backup generators but also the
- 9 entire data center complex that the backup generators support
- 10 and includes other project features such as landscape. When
- 11 I occasionally refer to the project today, I'm referring to
- 12 the backup generators, the data center, and the other project
- 13 features.
- 14 It is important to note that if the CEC decides to
- 15 grant the application, that decision would not constitute
- 16 project approval. Instead, upon being granted, an exemption
- 17 from the CEC's power plant licensing process, the project
- 18 owner would then seek permit and licenses that are required
- 19 from other local agencies. For this project, that would be
- 20 without limitation, the city of San Jose and the Bay Area Air
- 21 Quality Management District. These agencies will also
- 22 conduct any other necessary environmental analysis as
- 23 responsible agencies under CEQA.
- Next slide, please.
- Consideration of an SPPE begins with the filing of an

- 1 application. The application for the Great Oaks South Backup
- 2 Generating Facility SPPE was filed with the CEC on March 19,
- 3 2020. Staff is currently asking for additional information
- 4 about the application. We refer to these as data request for
- 5 discovery. Staff uses this information to prepare an
- 6 environmental review document that includes information
- 7 necessary under both CEQA and the Warren-Alquist Act for the
- 8 Committee and the CEC to decide whether to approve or deny
- 9 the SPPE.
- Next slide, please.
- 11 After the staff has completed its analysis, and staff
- 12 will talk more about its process later on, the next step is
- 13 consideration by the Committee and ultimately the CEC. In
- 14 this review, the CEC used an adjudicative process. The
- 15 Committee will ultimately hold an evidentiary hearing, like a
- 16 trial, where it will receive evidence from the parties and
- 17 comments from the public about whether to grant or to deny
- 18 the SPPE.
- 19 After the evidentiary hearing is complete, the
- 20 Committee will prepare its proposed decision. The proposed
- 21 decision will include the Committee's analysis of the project
- 22 under both the Warren-Alguist Act and CEQA. That decision is
- 23 based solely on evidence contained in the hearing record.
- Next slide, please.
- 25 Following the drafting of the Committee proposed

- 1 decision, the Committee proposed decision is then considered
- 2 by the CEC at a public meeting. At that public meeting, the
- 3 CEC will ultimately decide whether to adopt, modify, or
- 4 reject the Committee's proposed decision. Notice of all of
- 5 these events, the evidentiary hearing, and the business
- 6 meeting where the Committee proposed decision will be
- 7 considered will be provided.
- 8 Next slide, please.
- 9 In all SPPE proceedings there are at least two
- 10 parties, the applicant requesting the exemption and CEC
- 11 staff. Other people in organizations can become parties to a
- 12 proceeding. The Public Advisor's Office will describe what
- 13 intervening means in just a few moments.
- Next slide, please.
- 15 Because we use an adjudicative process, the CEC's
- 16 regulations and state law require that we ensure a fair
- 17 process for everyone who participates in this proceeding.
- 18 The CEC's ultimate decision will be based solely on evidence
- 19 contained in the record. One way we ensure a fair process --
- 20 (Whereupon the Hearing Officer's audio feed is corrupted)
- 21 CHAIR HOCHSCHILD: Susan, you may want to try --
- 22 HEARING OFFICER COCHRAN: Sorry, my --
- CHAIR HOCHSCHILD: Yeah, you may want to try to go to
- 24 audio only if you have --
- 25 HEARING OFFICER COCHRAN: Okay. I shouldn't, but I

- 1 am apparently. Hold on just one second.
- Okay. Let's try that.
- 3 CHAIR HOCHSCHILD: Yeah, much better.
- 4 HEARING OFFICER COCHRAN: Thank you. It just winked,
- 5 I thought it was -- it just winked on my end. Sorry.
- 6 Anyway, so as I was saying, the ex parte rule states
- 7 that parties to a proceeding and interested persons outside
- 8 the CEC, that is the general public, are prohibited from
- 9 communicating with presiding officers about anything that may
- 10 be in controversy or dispute unless notice is given to allow
- 11 an opportunity for all other parties to participate in that
- 12 communication or the communication is in a writing shared
- 13 with the public and the parties.
- Next slide, please.
- Obviously, the first thing we have to define is
- 16 communications. Prohibited communications include voicemail
- 17 messages, text messages, e-mails, letters, telephone calls,
- 18 and in-person discussions. Essentially, any form of
- 19 communication.
- Next slide, please.
- 21 The next topic is presiding officers. In this
- 22 proceeding, the presiding officers are members -- are the
- 23 members of this Committee, both Commissioner Douglas and
- 24 Chair Hochschild, as well as the three other members of the
- 25 CEC.

1	Presiding officers also include the hearing officers
2	which are Rebecca Westmore and Ralph Lee. Ex parte
3	communications are also prohibited with individuals assisting
4	these presiding officers which in this proceeding includes
5	anyone serving as an advisor to the commissioners and any
6	attorney or other experts assisting the Committee or
7	commissioners with this proceeding.
8	Next slide, please.
9	Today's conference is one of several public events
10	that will extend over the next several months. At these
11	events, members of the public can provide comment on the
12	project.
13	I'd now like to invite Rosemary Avalos from the
14	Public Advisor's Office to present how it can help members of
15	the public participate in meetings and hearings about the
16	application. Once the Public Advisor has completed her
17	presentation, we'll move on to Applicant's presentation.
18	Ms. Avalos.

- MS. AVALOS: Thank you, Susan.
- Yes, my name is Rosemary Avalos and I'm an outreach
- 21 specialist in the Public Advisor's Office. This is the
- 22 Public Advisor's presentation for today's Great Oak South
- 23 Center committee conference.
- Next slide, please.
- 25 I'll start by explaining a little bit about the CEC's

- 1 Public Advisor. The Public Advisor's role is mandated by
- 2 statute in the Warren-Alquist Act. The Public Advisor must
- 3 be a licensed attorney who is nominated by the Energy
- 4 Commission and appointed by the governor for a three-year
- 5 term. The Public Advisor's duties and tasks include helping
- 6 the public to understand Commission processes, recommending
- 7 to the Commission approaches to engage the public,
- 8 identifying missing stakeholders and helping conduct outreach
- 9 to them.
- In summary, I'm here today to help inform members of
- 11 the public about how to navigate and participate in the small
- 12 power plant exemption proceeding. Generally, state
- 13 proceedings may seem like a long windy path that can generate
- 14 confusion, but the CEC's Public Advisor's Office is here to
- 15 provide quidance.
- Next slide, please.
- 17 The key takeaway from this presentation is that the
- 18 CEC values public participation and wants to hear from an
- 19 array of stakeholders with different perspectives because
- 20 having a robust record helps the Committee make a thoroughly
- 21 informed decision.
- 22 At the National Academy for Science, Engineering, and
- 23 Medicine have concluded, public participation includes the
- 24 quality of agency decisions about the environment. Raw
- 25 manage public involvement also increases the legitimacy of

- 1 decisions in the eyes of those discussed by them which makes
- 2 it more likely that the decision will be implemented
- 3 effectively.
- 4 Please know that the Public Advisor functions as a
- 5 bridge between the CEC and the public to help ensure any
- 6 stakeholder or member of the public can participate
- 7 meaningfully in the CEC's proceedings such as today.
- 8 Our staff has a lot of experience to answer questions
- 9 and we can access the Commission's subject matter experts
- 10 when we don't have immediate answers. Please don't hesitate
- 11 to contact us with any questions for guidance.
- Next slide, please.
- 13 The CEC conducts significant outreach from beginning
- 14 to end of every proceeding to ensure we cast a wide net to
- 15 inform the public and stakeholders. Staff, the committee for
- 16 this proceeding, and the Public Advisor's Office taken on
- 17 various responsibilities to conduct outreach. Some of the
- 18 key outreach conducted has been mailing of the notice of
- 19 receipt to residents and property owners within 1,000 feet of
- 20 the project site, California Native American tribes
- 21 associated with the project area, and others.
- This notice is important because it notifies people
- 23 that the proceeding is beginning and it informs people about
- 24 signing up for the LISTSERV to ensure that they receive
- 25 future notices. Please note that the full mailing list will

- 1 be published in the Environmental Assessment document.
- 2 The notice of this committee conference was mailed to
- 3 residents and property owners within 1,000 feet of the
- 4 project site, e-mailed to parties to the proceeding and
- 5 LISTSERV. And I should note that all notices are also filed
- 6 in the docket.
- 7 Because we are very diligent at the CEC, additional
- 8 outreach was conducted to notify about this proceeding. We
- 9 outreached to the following types of stakeholders via
- 10 mailing, e-mail, and phone. Went to local state and electric
- 11 representatives, air and water district officials, park and
- 12 rec department, community faith organizations, environmental
- 13 and social justice advocates, health groups, libraries,
- 14 schools, school districts, religious organizations, chambers
- 15 of commerce, trade associations, and labor groups.
- Next slide. Next slide, please.
- 17 There are two ways to participate in SPPE
- 18 proceedings. One is informal as a member of the public like
- 19 you would in any other CEC event, or formal as an intervener.
- 20 This proceeding will consist of various types of events we
- 21 encourage you to attend in order to participate in the
- 22 proceedings. In every event, such as today's committee
- 23 conference, time will be carved out specifically for public
- 24 comment and that is your opportunity to speak to the issues.
- 25 I'd like to emphasize that the CEC has recently

- 1 converted to using Zoom as its main platform for holding
- 2 events online and provide instructions in its notices on how
- 3 to participate. Zoom allows for people to join online and by
- 4 phone.
- 5 Aside from providing verbal comments during event,
- 6 you can also provide comments in writing to the Public
- 7 Advisor and she will relate the main points on your behalf.
- 8 Finally, you may also submit written comments through our
- 9 docket system to be included in the record.
- Next slide, please.
- 11 The formal approach to participate in SPPE
- 12 proceedings is to become an intervenor. An intervenor is a
- 13 person or group that is a party to the proceeding. Like any
- 14 other party to the proceeding, an intervenor may present
- 15 evidence and witnesses, object to other parties' evidence,
- 16 cross-examine other witnesses, and file motions.
- In order to become an intervenor, you must file a
- 18 petition to intervene. We emphasize that even if you --
- 19 (Whereupon the audio cuts off)
- MS. AVALOS: Okay. Can you hear me now? Hello?
- 21 Okay.
- In order to become an intervenor, you must file a
- 23 petition to intervene. We emphasize that even if you are not
- 24 sure whether you want to become an intervener or even if you
- 25 do not end up participating at all in the proceeding, it is

- 1 important to go ahead and file so that you don't miss key
- 2 deadlines and opportunities to engage.
- 3 Anyone may file a petition. And to be crystal clear,
- 4 you do not need to be an attorney or have legal
- 5 representation in order to file a petition. Also, there is
- 6 not a specific --
- 7 (Whereupon the audio cuts out)
- 8 MS. AVALOS: You know, it has to do with the phone.
- 9 So I'll start again.
- 10 Anyone may file a petition. And to be crystal clear,
- 11 you do not need to be an attorney or have legal
- 12 representation in order to file a petition. Also, there is
- 13 not a specific form to fill out, but you must include the
- 14 required information in the petition you file. For example,
- 15 the petition must identify grounds for intervention,
- 16 position, and interest of the petitioner, and the extent to
- 17 which the petitioner desires to participate in the
- 18 proceedings. The petition must be filed in the docket and
- 19 include the docket number.
- Next slide, please.
- 21 Whether you decide to engage in the proceeding as a
- 22 member of the public or an intervenor, we highly recommend
- 23 you go to the Great Oaks South Data Center project page to
- 24 obtain the most current information about the proceedings.
- 25 Here's the web -- what the webpage looks like. The red arrow

- 1 points to the link where you can submit electronic comments.
- 2 The blue arrow points to the e-filing link which is the
- 3 preferred pathway for staff and parties to the proceeding to
- 4 submit material.
- 5 The gold arrow points to the docket log links. The
- 6 docket log is the repository for documents filed by parties
- 7 to the proceeding by staff and for public comment. It's
- 8 where you'll find all materials submitted for this
- 9 proceeding.
- The green arrow is the section where you'll sign up
- 11 for the Great Oaks South Data Center LISTSERV. Signing up
- 12 for the LISTSERV is very important. It is a lifeline to the
- 13 proceeding. We'll go over the steps to sign up on the next
- 14 slide.
- If you need assistance with any of these processes,
- 16 contact the Public Advisor's Office. This webpage also
- 17 contains contact information for the Public Advisor's Office
- 18 and contact information for staff who can answer more
- 19 questions about the Great Oaks South proceeding.
- Next slide, please.
- 21 Signing up with the proceeding's LISTSERV is a
- 22 voluntary procedure. We highly recommend it because it is
- 23 the most efficient way to receive the most current
- 24 information about the proceeding, including alerts about what
- 25 is happening in the proceeding and notification about

- 1 material that has been docketed.
- 2 Signing up with the LISTSERV is a quick process.
- 3 First you'll go to the project webpage noted here and shown
- 4 in the previous slide. Scroll down to the box that looks
- 5 like this, one entitled "Subscribe Great Oaks South Data
- 6 Center LISTSERV." Enter your first and last name along with
- 7 your e-mail and click send. You'll immediately receive an
- 8 automated e-mail from the CEC asking you to complete your
- 9 subscription. Please be on the lookout for this e-mail
- 10 because you won't be able to join without responding to it.
- 11 You'll have 24 hours to confirm your subscription. If you do
- 12 this successfully, you'll then receive e-mail notification
- 13 that your subscription was accepted and you'll begin to
- 14 receive material for this proceeding.
- Next slide, please.
- 16 Today is the first committee conference for this
- 17 proceeding and the schedule with specific deadlines for the
- 18 rest of this proceeding is forthcoming. You'll be able to
- 19 find the schedule on our webpages and you'll be notified of
- 20 the schedules via the LISTSERV if you are subscribed.
- 21 We want to emphasize a few significant opportunities
- 22 you'll have to participate. First is the publication of the
- 23 CEC Staff Environmental Assessment document. CEQA allows for
- 24 a public review and comment period on staff environmental
- 25 assessment document. This is a period during which staff

- 1 will prepare a proposed mitigated negative declaration based
- 2 upon the assessment of potential environmental impacts
- 3 outlined in the staff's initial study.
- 4 Staff will respond to the comments and questions in
- 5 the proposed decision. If necessary, a workshop may be held
- 6 to address only unresolved issues. The prehearing conference
- 7 and evidentiary hearing are other opportunities. Subsequent
- 8 to the environmental assessment is a prehearing conference
- 9 followed by an evidentiary hearing. The prehearing
- 10 conference is a public forum where the Committee will assess
- 11 the parties (indiscernible) for the evidentiary hearing.
- 12 Public comment will be taken.
- 13 The evidentiary hearing is an administrative
- 14 adjudicatory proceeding to receive evidence into the formal
- 15 record from parties. Members of the public may present
- 16 comments at the evidentiary hearing that become part of the
- 17 hearing record.
- 18 Committee proposed decision. After the evidentiary
- 19 hearing concludes, the Committee issues a proposed decision
- 20 which provides the findings under both the CEQA and Warren-
- 21 Alquist Act about whether the project will have significant
- 22 environmental or energy impacts and the proposed decision
- 23 sets forth the recommendation for this project of whether or
- 24 not to grant an exemption on the CEC's certification process.
- 25 Commission decision at business meeting. Toward the

- 1 end of the proceeding, the Commission will decide on whether
- 2 to approve or deny the proposed decision during a regularly
- 3 scheduled CEC business meeting. Public comment will also be
- 4 accepted and considered prior to the vote of the
- 5 commissioners.
- 6 Next slide, please.
- 7 Here is contact information for the Public Advisor's
- 8 office. The best way to communicate with us during the
- 9 shelter in place period is via e-mail at
- 10 publicadvisor@energy.ca.gov. I'd also like to note that by
- 11 the end of this week, we'll post this presentation through
- 12 our online docket system for public access.
- 13 Thank you. And now I'll hand the mic back to Hearing
- 14 Officer Susan Cochran.
- 15 HEARING OFFICER COCHRAN: Thank you, Ms. Avalos, for
- 16 your presentation.
- 17 I'd now like to invite the Applicant to present an
- 18 overview of the Great Oaks South SPPE application.
- MR. GALATI: Ms. Hearing Officer, that would be for
- 20 Masoud. Now would be the time to unmute yourself and go
- 21 ahead and give your presentation. Thank you, Masoud.
- MR. ZAFARIPOUR: Yeah, thank you.
- Good afternoon, Commissioner and the staff. Thank
- 24 you for holding this meeting.
- I have prepared some files for to introduce Equinix

- 1 but unfortunately, due to the confidentiality, they could not
- 2 resolve it in time. So I'm just going to speak about Equinix
- 3 and then we get to the files that you have in front of you.
- 4 So just quickly talking about Equinix. You know, the
- 5 company was established in 1998 by Al Avery and Jay Adelson.
- 6 Our Equinix name stands for equality, neutrality,
- 7 interexchange. Our trademark represents a stronghold place
- 8 where assets are guarded and interconnected. We are neutral
- 9 to all telecom companies that are interested to establish
- 10 their footprints in our IBX's international business
- 11 exchange.
- Our success is rooted in three core strengths that
- 13 centers around Equinix customers. Equinix customers are at
- 14 the center of everything that Equinix does. So first
- 15 strengths are ecosystem that consists of neutrality
- 16 interconnection with more than 370,000. And then our network
- 17 and cloud strategic hops.
- Our global reach is unprecedented, be 211 data
- 19 centers through five continents that allows us a significant
- 20 scale to manage the volume. And then consistency for
- 21 customers.
- Our next strength is service excellent. Quality of
- 23 the data centers and outstanding services that we provide to
- 24 our customers. A close relationship with our customers and
- 25 maintaining a personal excellence that's world class and

- 1 consistent accounts for our continents. Our brand shows the
- 2 pride and Equinix's uniqueness.
- 3 Talking about some of the Equinix competitive
- 4 advantages. As I've said, Equinix is in five continents, is
- 5 a multibillion dollar company in 26 countries, 55 metros. We
- 6 operate based on six-nine of nines of reliability. We have
- 7 more than 370,000 interconnections which includes the cross
- 8 connects which allows the companies to connect with each
- 9 other. We have more than 8,000 employees, 9700 customers,
- 10 2900 cloud and IT companies. Sixty percent of our revenues
- 11 are based on recurring revenues. We have \$26 billion of
- 12 invested capital, and we have had 69 quarters of continuance
- 13 growth.
- 14 And talk about some of the customers that are inside
- 15 our data center. Microsoft, Amazon, I'm sure Burger King,
- 16 Morgan Stanley, Bloomberg, Oracle, and just Netflix, the name
- 17 goes on. Name goes on.
- 18 So this was my brief discussion about Equinix. Let's
- 19 move on to the presentation that you have in front of you.
- Next page, please.
- 21 So this is the rendering of how the future building
- 22 is going to look like when it's completed and built. These
- 23 views are taken from different street. The view on the
- 24 right-hand side shows the view from the -- of the building
- 25 from Great Oaks Boulevard. And the view on the left-hand

- 1 side shows the view from the Via Del Oro.
- Next slide, please.
- 3 This shows the site layout for the three buildings
- 4 Equinix is intending to build. Three buildings, you know,
- 5 SV12, 18, and 19. And the views that are on the upper-hand
- 6 corner and the lower-hand corner and left and right are taken
- 7 from the different angles from each street. So the view on
- 8 the upper right-hand side is from the corner of Via Del Oro
- 9 and the Great Oaks Boulevard. The view on the bottom right-
- 10 hand side is from the Great Oaks Boulevard. The view on the
- 11 upper left-hand side is taken from the San Ignacio and Via
- 12 Del Oro. And the view on the bottom is from the San Ignacio
- 13 road.
- 14 The generating yards are to the located to the north
- 15 and south of each building. If you look at the SV12, you
- 16 will see the yards, generating yards on the north side of the
- 17 property which across from the Via Del Oro. And then the
- 18 other yard is on the south of the property. And the same for
- 19 the other two buildings, SV18 and SV19 which are on the north
- 20 and south of each property.
- Okay. If you go to the next one, please.
- 22 So project description as has been communicated.
- 23 There are a Great Oaks South property confirmation consists
- 24 of three new two-story buildings on an 18-acre site. Our
- 25 total gross square footage is 547,000. A total electrical

- 1 demand of 99 megawatts. Our site is located within three
- 2 streets, Via Del Oro to the north, Great Oaks South to the
- 3 east, and San Ignacio to the west. And we have an empty lot
- 4 on the south, south of the property.
- 5 And the surrounding development consists of one or
- 6 two stories modern offices, you know, which consists of
- 7 buildings constructed of stucco, steel, and reflective glass
- 8 windows.
- 9 So Great Oaks South property data center will be
- 10 constructed in three phases starting with SV12, then 18 and
- 11 19. That's the present sequence. Each building will consist
- 12 of 12, 3.25 megawatts of generator and one .5 megawatts
- 13 dedicated for life safety.
- Generators as was discussed is going to be located in
- 15 two generator yards to the north and south of the building.
- 16 The west side plan that was submitted, the west side plan has
- 17 been submitted to the city of San Jose. The original SUP
- 18 building that was approved in February 2017 also included the
- 19 Initial Study and Mitigated Negative Declaration, and also
- 20 MMRP. SUP and the environmental studies included backup
- 21 generation facility. A copy of the MMRP report was submitted
- 22 to the Commission.
- The original SUP that was approved by the city of San
- 24 Jose included 63 megawatts of generation capacity with
- 25 570,000 square feet, gross square feet. And as was stated in

- 1 the beginning of this page, we have reduced the square
- 2 footage to 547,000.
- 3 It's our understanding that the city intends to rely
- 4 on the environmental analysis that Commission will perform to
- 5 supplement the reviews and approval of the Great Oaks Data
- 6 Center, Great Oaks South Data Center. Expectations is that
- 7 the city will complete their review of the building site plan
- 8 elevation and materials and aesthetics and then wait for CEC
- 9 approval.
- Next slide, please.
- 11 Proposed modification of the Great Oaks Data Center
- 12 that resulted from optimizing the Great Oaks South for its
- 13 customers include replacing the 21, 3-megawatt generators,
- 14 part of the SUP with 36, 3.25-megawatt generators in 30 plus
- 15 6 configuration. Meaning that six generators are designated
- 16 as backup. We only will -- we will only operate 30
- 17 generators at a time max. Adding three .5 megawatts life
- 18 safety emergency generators, one per building. Total
- 19 generation demand for each building will be 33 megawatts.
- 20 Electrical distribution includes medium wattage
- 21 switchgear, low wattage switchgear, UPSs, ASTSs, and
- 22 distribution cabling that will interconnect the six
- 23 generation yards to their respective buildings.
- The Great Oaks South Backup Generating Facility will
- 25 only be operated for maintenance, testing, and only during

- 1 emergency utility outages. It is our experience that outside
- 2 of very limited maintenance hours, Great Oaks South Data
- 3 Center will rarely use backup generators due to high
- 4 reliability of PG&E electrical grid.
- 5 So therefore the Great Oaks South backup generating
- 6 facility main purpose is for safety net and assurance for our
- 7 customers. The main purpose of the global -- sorry, Great
- 8 Oaks South Backup Generator Facility will be to provide
- 9 sufficient power to meet the demand of the data centers
- 10 during a power outage and to maintain power to servers that
- 11 are housed in our data centers.
- 12 The Great Oaks South Data Center load is based on
- 13 fully loaded buildings and ASHRAE hottest design day
- 14 temperature which is possible, but extremely unlikely. It's
- 15 just under 99 megawatts, below the SPPE threshold. So it's
- 16 therefore expected that our actual load, electrical demand
- 17 load will be much lower than 99 megawatts.
- 18 And as previously communicated to the Commission, we
- 19 have adapted the air cool chillers versus the water cool
- 20 chillers that resulted in measured domestic water consumption
- 21 reduction down to 3.36 acre feet per year.
- 22 Thank you. That's my -- end of my presentation.
- 23 HEARING OFFICER COCHRAN: Thank you for that.
- We will now turn to staff's presentation on its
- 25 review of the SPPE.

- 1 MS. WORRALL: Okay. Sorry. I'm right here.
- 2 HEARING OFFICER COCHRAN: That's okay.
- 3 MS. WORRALL: It's windows and windows, I'm used to
- 4 having two computer screens. I miss my two computer screens
- 5 desperately.
- 6 Okay. So this is Lisa Worrall, project manager for
- 7 the Great Oaks South Backup Generating Facility.
- 8 And so I just want to say good afternoon to everyone,
- 9 especially Chair Hochschild, Commissioner Douglas, and
- 10 Hearing Officer Cochran.
- 11 Staff has issued three data requests. The first set
- 12 was on April $7^{\rm th}$, the second on April $16^{\rm th}$, and the third was
- 13 May 18th. And staff has received responses to Set 2 on
- 14 May 18th and Set 3 on June 24th. And then we received
- 15 supplemental responses to Set 2 on June 30th.
- And we hadn't received responses on Set 1. It was
- 17 initially filed to another project specific to the Walsh Data
- 18 Center and so it hasn't actually been filed as of yet
- 19 specific to the Great Oaks South Backup Generating Facility.
- 20 But based on the Applicant's responses to staff's issues, ID,
- 21 status, and proposed schedule memo, they anticipate filing
- 22 by -- the responses to Set 1 by July 17th. So we anticipate
- 23 that to occur.
- 24 And the Data Requests Set 2, Applicant's responses
- 25 are not complete at this point. We have a couple of

- 1 questions that are still not completely responded to.
- 2 Question Number 4 regarding ground level impact analysis for
- 3 criteria pollutants. And this is, you know, air quality.
- 4 And we had sent an e-mail to the Applicant specifying we wish
- 5 to have the emissions modeling, the emissions modeling
- 6 conducted in a manner that captured the overlapping periods.
- 7 So when you have the first data center in operations but
- 8 you're constructing the second data center. So you're kind
- 9 of representing, you know, a more worst case scenario and
- 10 something that actually would occur based on the Applicant's
- 11 presented schedule of construction and operation of the
- 12 facilities.
- 13 And then when we have both the first two data centers
- 14 operational and then we bring in the third one for
- 15 construction, we wanted to capture that. And so as more of a
- 16 tweak of, you know, when you run the analysis, can you run it
- 17 just to capture the overlapping periods.
- 18 And then Number 49, this is also from Set 2, we
- 19 haven't received all of the supporting information. Some of
- 20 the copies of the records search and reports haven't been
- 21 received as yet. We did receive some but not in completion.
- 22 And then the other one I think I understand is fairly
- 23 difficult to do and we've also tried to talk to contacts with
- 24 Pacific Gas & Electric.
- Number 58, the one-line diagram of how, you know, how

- 1 the lines would connect. I'm not a transmission expert, so I
- 2 leave that to my transmission folks.
- 3 And then Set 3, there's going to be a revised health
- 4 risk assessment. And that we understand based on the
- 5 Applicant's response to our memo on the 7^{th} , that we are
- 6 receiving that on July 17th. There were some things that
- 7 needed to be explained or corrected in that health risk
- 8 assessment.
- 9 And so then we've also identified several issues
- 10 that, you know, we have concerns about that will kind of need
- 11 to be resolved before we can move along and publish our
- 12 environmental document because there could be potential
- 13 impacts that we -- that may not get analyzed. So we want to
- 14 make sure we do that. And one of these is quite a difficult
- 15 situation and it relates to transmission lines.
- 16 The Applicant had said in his response to Data
- 17 Request Set 2 in Number 62 that in the future reconductoring
- 18 or line rerate of the two 115 kilovolt lines supplying the
- 19 Santa Teresa Substation may be required for each line to meet
- 20 the full demand of the data center independently.
- 21 And this idea that, okay, a reconductor or a rerate
- 22 may need to be done. Rerate is I'm told from my transmission
- 23 engineers, it's more of a clerical thing, it's not a big
- 24 deal. The reconductor, on the other hand, if that were
- 25 needing to be done, that could definitely have some potential

- 1 impacts that we would need to analyze such as if you need
- 2 to -- you need to have a, you know, a bigger line, and you
- 3 need to string it and you pull it and maybe you need
- 4 helicopters, right, because sometimes that is done. We've
- 5 done some transmission line work for the CPUC in terms of the
- 6 environmental documents. So we're getting really familiar
- 7 with that, at least our environmental team. And the -- or
- 8 sometimes you need to take a new tower, use a new tower
- 9 because of the type of line that's needing to be used.
- 10 The main idea is that this reconductoring or rerating
- 11 may need to be done in order to for the -- each of the lines
- 12 to be able to handle the full demand of the data center
- 13 independently. And so this is PG&E pulling down either of
- 14 the two 115 kV lines for maintenance and that's done we think
- 15 maybe once a year. We still are working with PG&E trying to
- 16 figure this out.
- We have a great contact at PG&E who's been very
- 18 helpful and we're still kind of working with her. It was
- 19 actually a contact, Jennifer Goncalves, and she's kind of the
- 20 local person in the local service center. And we got that
- 21 name from the environmental document that was done by the
- 22 city. So, you know, we're not proud, we'll take names from
- 23 wherever.
- 24 So the thing is is you pull these lines down. If the
- 25 line that remains in service can't supply say full buildout

- 1 of the project and then you need to kick on your generators.
- 2 While this is kind of a situation, it's not an emergency
- 3 situation, it's a situation where PG&E's pulled their line
- 4 out for maintenance purposes. And knowing the extent of
- 5 reconductoring work that needs to be done if it needs to be
- 6 done. So there's a study that needs to be done where we
- 7 understand we're still working on this.
- 8 And so this is a -- this is something that we would
- 9 need to have a full stop on it. We need to know either it's
- 10 going to be -- has to be reconducted or it's a rerate, one or
- 11 the other, and then we can go from there. If it's a rerate,
- 12 well, gosh, great. We're secure, we're safe, and we don't
- 13 need to analyze anymore. But if it's a reconductoring,
- 14 that's a different story and that adds some time.
- 15 Air quality and public health concerns and issues
- 16 that we've identified, we understand that the -- the
- 17 Applicant is using a Tier 2 engines and currently as proposed
- 18 does not include diesel particulate filters. And I don't
- 19 want to mix this up, but the Applicant needs to demonstrate
- 20 how the project would be consistent with the Bay Area Air
- 21 Quality Management District Regulation 2, Rule 5. And this
- 22 requires the Applicant to use the best available control
- 23 technology for toxins to any new or modified source of toxic
- 24 contaminants where the source would result in a cancer risk
- 25 greater than 1 -- 1.0 in a million and/or chronic hazard

- 1 index greater than .20.
- 2 The current health risk assessment and the Applicant
- 3 is actually updating, revising them as I spoke about earlier
- 4 July 17th. It underestimated -- staff contends that it
- 5 underestimated the health risks of the project during both
- 6 project construction and readiness and testing and
- 7 maintenance. And so staff had kind of found that if the HRA
- 8 was done correctly based on the project as it's designed with
- 9 a Tier 2, no DPF filters, the cancer risk of the project
- 10 during readiness, testing, and maintenance would exceed the
- 11 BAAQMD, or B-A-A-Q-M-D, significant threshold of 10 in a
- 12 million causing significant health risks of impacts without
- 13 mitigation.
- Now mitigation -- possible mitigation could be using
- 15 DPS, you know, your diesel particulate filters or reducing
- 16 the currently proposed 20 hours of readiness and testing and
- 17 maintenance per year for the engine.
- And we also have, just so you know, we have Air
- 19 Quality staff listening in. We have -- we have Gerry Bemis
- 20 and we have Wenjun Quian. We have also Mr. Geoff Lesh.
- 21 But the staff has proposed -- the proposed design
- 22 measures that the Applicant have provided which was part of
- 23 the previous application, part of the previous environmental
- 24 document said that they would add exhaust control measures --
- 25 hold on, am I misunderstanding this? Yeah, PD1. Add exhaust

- 1 control measures -- oh, staff would add exhaust control
- 2 measures that requires Tier 3 or better construction
- 3 equipment. And this would be consistent with the assumptions
- 4 that the Applicant used in estimating construction emissions.
- 5 So in their construction emission estimate.
- 6 So the staff is proposing to add these Tier 3 or
- 7 better construction equipment requirement to existing PD AQ-
- 8 1. The other -- the other number PD proposed design measure
- 9 AQ-2 currently as written, it is written consistent to --
- 10 with the original document and it limits the testing and
- 11 maintenance of the originally proposed 21 generators to 356
- 12 hours per year. So now we're up to 39 generators. So, you
- 13 know, needs to be some kind of clerical change, obviously.
- So you need to revise -- need to revise consistent
- 15 with the proposed 39 generators and if the Applicant decides
- 16 because of the HRA to limit the hours of readiness and
- 17 testing, then you would want to -- you could also change that
- 18 in AQ-2 at that time. And once staff receives any
- 19 outstanding data responses from the Applicant, they can
- 20 review these -- the PD AQ-2 and AQ-1 and see if there is any
- 21 other changes that need to be made to those measures.
- 22 And the last item of concern staff has and this may
- 23 not be, you know, as insurmountable as anything. The
- 24 Applicant I know has paid the nitrogen deposition fee.
- 25 However when you calculate it up, that actually only covers

- 1 the mobile source emissions, it wasn't actually calculated
- 2 for the non -- it wasn't actually calculated for the point
- 3 source emissions. The point source emissions being the
- 4 generators, you know. And the mobile, of course, being the
- 5 vehicles, you know, the workers' vehicles and the commuters.
- 6 So mitigation measures, staff actually calculated out
- 7 the point source emissions what they would be and they're
- 8 working on mitigation measures to capture those. And it will
- 9 mirror -- the mitigation measure will mirror previous
- 10 mitigation measures that staff has proposed for these
- 11 nitrogen deposition impacts on other similar projects.
- 12 They're going to work with the U.S. Fish and Wildlife Service
- 13 and the Applicant and make sure that the appropriate
- 14 mitigation is incorporated into the project to mitigate
- 15 potentially cumulatively considerable impacts to federally
- 16 listed species and other special status species that are
- 17 affected by nitrogen deposition.
- 18 And then staff has proposed a schedule which you saw
- 19 in the -- our memo. And last we're at committee conference
- 20 the 13th. We still have some outstanding data responses that
- 21 we're receiving and so looking forward to July 17th and then
- 22 we can kind of go from there.
- 23 And if anyone has any questions, go ahead. Oh, and
- 24 of course I've got Gerry Bemis and I've got Wenjn Quian,
- 25 Geoff Lesh all on the line in case you questions for them

- 1 too.
- 2 HEARING OFFICER COCHRAN: Thank you, Ms. Worrall.
- 3 MS. WORRALL: Uh-huh.
- 4 HEARING OFFICER COCHRAN: At this point, we're now
- 5 going to move on to the discussion of issues with the staff
- 6 and Applicant.
- 7 In the notice for today's committee conferences,
- 8 Ms. Worrall indicated, we directed staff to file an Issues
- 9 Identification Report, Status Report, and Proposed Staff
- 10 Schedule. Staff timely filed that requested document on
- 11 July 7, 2020.
- 12 The notice also ordered that the Applicant file a
- 13 response to staff's Issues Identification Report, Status
- 14 Report, and Proposed Schedule. The Applicant timely filed
- 15 its response on July 10, 2020. We thank staff and Applicant
- 16 for filing these documents in the time requested.
- Ms. Worrall, you just spent a lot of time talking
- 18 about the outstanding data request that you have exchanged
- 19 with the Applicant. Discovery would generally close 60 days
- 20 after the filing of the Application. For this case, that
- 21 would be May 20 -- May 18, 2020.
- MS. WORRALL: Uh-huh.
- 23 HEARING OFFICER COCHRAN: Do you anticipate needing
- 24 to file additional requests after receiving the answers from
- 25 the Applicant? Have you given any thought to how long

- 1 additional discovery might take?
- MS. WORRALL: About how long? I think there may be,
- 3 I think staff in reading them, they may have additional
- 4 questions. I certainly -- I think this -- the absence of the
- 5 transmission line information whether we need to reconduct or
- 6 rerate is something that -- it's -- from what it sounded like
- 7 to me is it sounded like there was a load study that needs to
- 8 be done. And we haven't had a chance to kind of, you know,
- 9 talk with Ms. Goncalves and say, you know, well, how long did
- 10 that take? Who does that? You know, and just try to get to
- 11 understand okay, so how can we get this done? You know, what
- 12 needs to occur? How long does it take is a big one.
- And so I -- that's something that I think -- I think
- 14 that's something depending upon how long it does take to get
- 15 the load study. And what its results may yield, if it's a
- 16 reconductoring, as long as they can -- as long as PG&E can
- 17 explain what they are for reconductoring. I mean, that's --
- 18 that could take some time. And depending upon the length of
- 19 reconductoring. And I don't think there's been any kind of a
- 20 load study or, you know, done in that area. And that's what
- 21 I understand needs to be done.
- So I -- it's hard to know --
- 23 HEARING OFFICER COCHRAN: Well, let me -- let me
- 24 interject and let me see maybe Mr. Galati or Mr. Zafaripour
- 25 can shed some light on this.

- 1 MS. WORRALL: All right.
- 2 MR. GALATI: Yes. Thank you. This is Scott Galati.
- 3 Sorry about this, Commissioner. I think what you're
- 4 seeing happen is what happens on every project but we're
- 5 doing it in a public setting in front of you. And so we're
- 6 making sausage. So sorry that it doesn't look nice. This
- 7 happens all the time.
- 8 I'm learning things from what Ms. Worrall is saying
- 9 here that I'd be happy to discuss in the staff workshop, I
- 10 think that this can be worked out.
- I would like to just point out a couple of things.
- 12 First of all, with request to data request, we are working
- 13 diligently on them. Remember that Mr. Zafaripour has said in
- 14 his presentation is we changed the project. Staff had some
- 15 concerns about the amount of water that we were using even
- 16 though it was consistent with what the city of San Jose and
- 17 the Water District said they could supply us. We changed the
- 18 entire system. That took some time. So we reduced from
- 19 several hundred acre feet per year down to 3 acre feet per
- 20 year. That took some time. The Applicant did that on their
- 21 own. This takes away resources sometimes from answering data
- 22 requests when you're redesigning the project.
- In addition on the air quality, we are trying to
- 24 accommodate staff. We'd just like to point out that staff
- 25 requests on how we do the remodeling is inconsistent with the

- 1 other three projects in which we did the modeling the exact
- 2 same way. But rather than object to it, we're trying to help
- 3 and trying to take into account what staff has learned. We
- 4 agree that we should redo this remodeling and we're doing it.
- 5 So I didn't want to you to leave the impression that this
- 6 Applicant is not working diligently after what Ms. Worrall
- 7 had said in responding to the data request.
- 8 The first data request was one that wasn't relevant,
- 9 was not -- it was an issue that had come up on an earlier
- 10 project answered here. It's no longer an issue. We'll
- 11 respond to that. I thought that that one was going to be
- 12 withdrawn.
- I just wanted to let the Committee know that if staff
- 14 has additional questions on the items that have taken us a
- 15 little longer to provide to them, I will not object to the
- 16 fact that discovery has been closed. We've established that
- 17 kind of working relationship for years now and be happy to
- 18 entertain additional questions about the questions about the
- 19 answers that we're providing that we're providing a little
- 20 later.
- 21 With respect to the derating and the reconductoring,
- 22 I think that staff is treating the project more like a power
- 23 plant where that -- those lines are necessary to serve.
- 24 They're not necessary to serve for us. The question was
- 25 could each line support the facility entirely by itself? We

- 1 don't need that to occur. We can take power from both lines,
- 2 that's how we are being designed.
- In addition, it's very important to know is as -- as
- 4 you heard in Mr. Zafaripour's presentation, the project is
- 5 going to be built over time. Phase 1 is SV12. Phase 2 might
- 6 be SV18 or 19, I think that's the current schedule. That may
- 7 be several years out. So to ask PG&E to do a study today to
- 8 serve the facility as if it were fully loaded, all three
- 9 buildings and that simultaneously it was the hottest day of
- 10 the year for the whole year, that is what would possibly
- 11 produce a rerating or reconductoring in the future if we
- 12 required either line to support us independently.
- So I think we take that offline, talk with Staff
- 14 about it. We know Mr. -- Ms. Goncalves as well. And I think
- 15 that it would be great if we set up a workshop to discuss
- 16 this because I think there's some confusion on this issue.
- 17 We stand ready to continue to work with staff.
- 18 With respect to the Bay Area Air Quality Management
- 19 District standards, we will meet those standards. How we
- 20 currently meet those standards is not with a diesel
- 21 particulate filter but by reducing the maintenance and
- 22 testing hours such that our emissions do not trigger any of
- 23 those threshold. We can't propose what that condition is
- 24 until we finish the remodeling. But we will be rewriting the
- 25 condition to require a limited amount and a fixed cap on

- 1 maintenance and testing.
- 2 So that's -- so there are two ways to mitigate. You
- 3 can put on something that reduces the emissions or you can
- 4 just never generate the emissions. We chose the latter.
- 5 So I do believe that nothing I heard today is
- 6 insurmountable or should affect our schedule and that's why
- 7 we agreed with staff schedule that 30 days after we provide
- 8 the rest of the information that staff needs, that they can
- 9 produce their initial study mitigating negative depth and we
- 10 can move forward. Thank you for that.
- 11 HEARING OFFICER COCHRAN: Thank you, Mr. Galati.
- I had a follow-up question based on the last comment
- 13 you made about the diesel particulate filter. And instead of
- 14 the filter, you're talking about limiting the hours for
- 15 testing. I believe you said 20 hours.
- 16 Is that reflected in a project feature or has that
- 17 been incorporated --
- 18 MR. GALATI: Yes.
- 19 HEARING OFFICER COCHRAN: -- into the project?
- MR. GALATI: Correct, it has been.
- 21 HEARING OFFICER COCHRAN: Okay.
- MR. GALATI: And what we'll be doing is revising the
- 23 number that we limit that in as a project design measure once
- 24 we finish the modeling the way staff asked us to do because
- 25 we think the number needs to change.

- 1 HEARING OFFICER COCHRAN: Okay. And again, obviously
- 2 the reason that I'm asking some of these questions is because
- 3 one of the purposes or one of the products that you'll be
- 4 seeing coming out of this conference is a scheduling order to
- 5 give folks an idea of when they can expect some of the
- 6 documents and events that we've described today. For
- 7 example, when staff might prepare its environmental review
- 8 document. The initial study, whatever environmental review
- 9 document looks like. And in addition, then, obviously the
- 10 Committee-led events like the evidentiary hearing and the
- 11 preparation of the Committee proposed decision.
- To that end, Mr. Galati, you also just mentioned or
- 13 Mr. Zafaripour did in his presentation that one of the three
- 14 data center buildings is already under construction. Do I
- 15 understand that correctly?
- MR. GALATI: No, that's not correct.
- MR. ZAFARIPOUR: That's not -- that's not correct.
- 18 HEARING OFFICER COCHRAN: Okay. Okay. So what is
- 19 happening at the project site right now?
- MR. GALATI: Nothing. We have not submitted -- this
- 21 project does have approval to build the prior facility which
- 22 we have now modified but we have not submitted for any
- 23 permits to begin building under that -- under that old
- 24 approval. We've modified the project, we're coming to the
- 25 Commission, and then we'll go back to the city of San Jose

- 1 and only after the city of San Jose does its review, we'll be
- 2 asking for building permits.
- 3 HEARING OFFICER COCHRAN: Okay. Thank you.
- 4 MR. GALATI: What we are doing, though, madam --
- 5 Hearing Officer, what we are doing is we are working with the
- 6 city in reviewing the project so that we can be ready to go
- 7 when the Commission is done.
- 8 HEARING OFFICER COCHRAN: Understood. I was just
- 9 confused because I had thought that I had read, like I said,
- 10 that construction was underway on I believe that's GO12. The
- 11 Building Number 12. So.
- 12 One other question I have before we really dive -- I
- 13 had a couple of more questions before we really dive into
- 14 schedule and that is, are there environmental justice
- 15 communities near the project site? And if so, can you please
- 16 describe them including their distance from the project?
- MS. WORRALL: This is Lisa Worrall. I wish I was
- 18 doing environmental justice as well because that's my
- 19 wheelhouse. But I'm the PM and so it's hard to do it all.
- Our environmental justice woman isn't on but Steven
- 21 Kerr, I don't know if he's unmuted. He's my supervisor and
- 22 he usually knows all as does Eric Knight.
- I would say there are environmental justice
- 24 communities because it's pretty hard not to find one. It
- 25 really -- yeah, it's pretty hard not to find one.

- 1 We have residences within 500 feet of the linears.
- 2 If I'm getting myself correct. See, I'm managing two
- 3 projects at once and they're fairly similar.
- 4 (Indiscernible). Yes.
- 5 HEARING OFFICER COCHRAN: And by the linears, you're
- 6 referring to the lines that we've talked about --
- 7 MS. WORRALL: Right.
- 8 HEARING OFFICER COCHRAN: -- having to either be
- 9 reconductored --
- MS. WORRALL: No.
- 11 HEARING OFFICER COCHRAN: -- or studied or something
- 12 else?
- MS. WORRALL: No. These are like -- where is my
- 14 project description. I think the sewer -- is a sewer line,
- 15 electrical lines. I know there are electrical lines. There
- 16 are several utility lines that are going to be constructed.
- 17 I believe.
- 18 Scott?
- 19 HEARING OFFICER COCHRAN: Mr. Kerr --
- MR. GALATI: Yes.
- 21 HEARING OFFICER COCHRAN: -- is on the line.
- MS. WORRALL: Oh, Mr. Kerr, yes. I'm getting both my
- 23 projects confused sometimes.
- 24 HEARING OFFICER COCHRAN: Mister --
- MR. GALATI: Madam Hearing Officer, this is Scott

- 1 Galati --
- 2 HEARING OFFICER COCHRAN: Thank you.
- 3 MR. GALATI: -- the linear that Ms. Worrall was
- 4 referring to deal with buried electrical utilities that come
- 5 from the sanitary substation to serve the project.
- 6 HEARING OFFICER COCHRAN: Okay. Thank you.
- 7 MS. WORRALL: But I did know we have residents across
- 8 the street and they've been notified and they've been
- 9 notified in English, Vietnamese, and in Spanish. And we've
- 10 produced notices in the newspaper. I just got my last two
- 11 confirmations, they were -- I'll docket them today. They
- 12 came out on July 10th.
- I know our environmental staff will be doing an
- 14 environmental justice evaluation and look into the
- 15 CalEnviroScreen and whether or not there's any disadvantaged
- 16 communities within the -- within a six-mile radius which I
- 17 believe there are.
- 18 Steven Kerr, are you on the line at all?
- 19 MR. KERR: Yes, I'm here. This is Steve Kerr.
- 20 MS. WORRALL: I think better memory than I do on
- 21 this.
- MR. KERR: I'm looking for the latest EJ maps and I
- 23 don't see them in our shared file here yet. Those sections
- 24 are still being drafted and prepared by staff and so I don't
- 25 have the detailed breakdown yet under my review of what the

- 1 EJ populations in the area, where they're kind of
- 2 concentrated.
- 3 But there is some more residences around this area,
- 4 it's not particularly remote.
- 5 MS. WORRALL: No, that's true, it isn't.
- 6 HEARING OFFICER COCHRAN: Okay.
- 7 MS. WORRALL: I think we're kind of the closest
- 8 within residents. When I think about the other previous data
- 9 centers that we have encountered, it's been -- those have
- 10 been more in industrial business areas. Here we've got
- 11 residents. And so that's also why I looked at language to
- 12 determine what languages we should translate because we can't
- 13 assume that everyone, you know, is comfortable reading
- 14 English. And, you know, this is highly technical
- 15 information. You know.
- 16 HEARING OFFICER COCHRAN: Thank you. Much
- 17 appreciated.
- MS. WORRALL: Sure.
- 19 HEARING OFFICER COCHRAN: One final substantive
- 20 question is what other --
- MS. WORRALL: Go ahead.
- 22 HEARING OFFICER COCHRAN: What other technologies are
- 23 available that could provide uninterruptable power to data
- 24 centers or other facilities similar to data centers? Has
- 25 staff researched other data centers or facilities that are

- 1 using other technology to provide backup generation either
- 2 instead of or in conjunction with diesel fired backup
- 3 generators?
- 4 MS. WORRALL: Do you want to take that Steve or do
- 5 you want me to take that?
- It's really an Air Quality thing, I think. We've had
- 7 Air Quality staff, Gerry Bemis and I think Jackie Record,
- 8 Jacqueline Record have been talking with -- talking with the
- 9 USEPA and talking with this outfit Western States Oil and
- 10 they have renewable -- renewable diesel.
- 11 Where actually I've been working on a report, a
- 12 record of conversation, it's going through the management
- 13 chain, and docketing it for this project about the
- 14 availability of renewable diesel. And then a conversation
- 15 with the USEPA and looking at the use of credits, federal air
- 16 credits related to renewable -- renewable diesel that
- 17 actually reduces your cost.
- I know those conversations have happened. I don't
- 19 know, Steve, if you are privy or aware of anything.
- MR. KERR: The application includes a section of
- 21 alternative -- alternatives looked at by the Applicant which
- 22 they can discuss. At this point, we're reviewing the project
- 23 that's proposed to us for impacts. And if we find that there
- 24 are impacts that aren't mitigable, then that would kick it
- 25 out of the exemption process and there would be an

- 1 alternatives analysis done by staff.
- 2 But at this point we're still gathering information
- 3 and evaluating the impacts of the proposed project.
- 4 COMMISSIONER DOUGLAS: Mr. Galati, I see your hand is
- 5 raised. Did you have something you wanted to add to the
- 6 discussion?
- 7 MR. GALATI: Yes. We did prepare Section 5 which was
- 8 alternatives technology that we considered, it's in the
- 9 application. We were going to modify that based on what you
- 10 just asked us. We'd be happy to address renewable diesel and
- 11 we'd be happy to address fuel cells.
- 12 So we'll file that as a revised Section 5 and docket
- 13 that and I suspect we'll be able to do that in the next week
- 14 or so. Probably give me a couple of weeks to get that
- 15 reviewed and approved.
- And in addition, there is a Section 4.23 in the
- 17 application. Madam Hearing Officer, if you would like to
- 18 review that, that does have environmental justice evaluation,
- 19 I just was trying to submit in the attention here and I
- 20 couldn't tell you the results. So it is in 4.23, there are
- 21 maps there. It does not look to me like there are very many
- 22 environmental justice communities but there probably are
- 23 some.
- MS. WORRALL: I can actually share my screen, I found
- 25 our figure. And what's nice is it shows it's -- oh, host has

- 1 disabled it. No, I guess I can't. I don't know if you can
- 2 allow me to share my screen because I can bring up the
- 3 figure, our environmental justice figure. It shows we have
- 4 disadvantaged communities, you know, for the CalEnviroScreen,
- 5 it's off to the northwest of the project, but it's towards,
- 6 it kind of clips, it's right at the edge of the six-mile
- 7 radius.
- 8 And if you do disable it, I'll be happy to share it
- 9 with you.
- 10 HEARING OFFICER COCHRAN: I think that we'll --
- MS. WORRALL: See our document.
- 12 HEARING OFFICER COCHRAN: I think we'll see the
- 13 figure when you publish more. It was more just --
- MS. WORRALL: Okay.
- 15 HEARING OFFICER COCHRAN: -- to allow folks to know
- 16 that we do recognize that that can be an issue and that we
- 17 will be including that information in future documents.
- MS. WORRALL: Yes, definitely.
- 19 HEARING OFFICER COCHRAN: So thank you for that,
- 20 though.
- MS. WORRALL: Yes, of course.
- 22 HEARING OFFICER COCHRAN: So I now wanted to talk
- 23 schedule which is everybody's favorite topic. And I noticed
- 24 that in staff's proposed schedule, there are no actual dates
- 25 after today's committee conference. No firm dates, I'll say.

- 1 But staff does say that they believe that it is going
- 2 to take an estimated 30 days after final responses to all
- 3 data requests to prepare the Environmental Review Document.
- 4 And I specifically refer to it as an Environmental Review
- 5 Document because I understand you're still evaluating
- 6 impacts, et cetera, that may come from this project.
- 7 And I believe that the Applicant was in agreement
- 8 with that. So that's why I was wondering how much longer we
- 9 think this discovery completion is going to take. I know
- 10 Applicant has said that they will file certain documents by
- 11 July 17th. I don't know what other follow up is going to be
- 12 required after that. Especially -- and when will the
- 13 decision about this line survey reconductoring, et cetera,
- 14 when will that decision be made? And how will that be
- 15 communicated to the Committee?
- MS. WORRALL: Well, that can be communicated in a
- 17 memo very easily.
- 18 The -- that's something, you know, the line
- 19 discussion is something that we've been having ongoing with
- 20 Jennifer. And we are actually anticipating some information
- 21 back from her. And every so often I kind of check in with my
- 22 transmission engineers. And, you know, I think we wanted to
- 23 have a telephone call with her and just to be able to just
- 24 ask questions about timing. And darn, I wish I had done that
- 25 before. But you can't do everything all at once, evidently.

- 2 while we're waiting for the Applicant's responses hearing
- 3 that their responses are coming the 17th. You know, that's
- 4 great news because that's just great news.
- 5 Staff will need to take a look at I know our Air
- 6 Quality engineer will need to go over the emissions
- 7 calculations and the HRA and that takes a little bit of time.
- 8 And if they have any follow-up little bitty questions, you
- 9 know, we can always handle that.
- 10 But ideally, I mean, I think -- see, you know, I
- 11 can't -- I don't know about this line business. I --
- 12 HEARING OFFICER COCHRAN: Understood.
- MS. WORRALL: Yeah, it's hard because I asked the
- 14 engineers, look it, do we really need to have each line being
- 15 capable of handling the full load? And they said yes, and
- 16 they were explaining because if you -- if you pull a line
- 17 down and it's a hot, really hot day and you try to serve the
- 18 load to the data centers and you're already constructed them
- 19 all, right, because you know, we -- we're analyzing the whole
- 20 other project.
- 21 You know, it is three data centers, it is, you know,
- 22 39 -- well, 36 generators. If all 36 generators are
- 23 operating in order to serve the load because, you know, that
- 24 single line that's left can't handle the load, can't dish out
- 25 99 megs, which it sounds like it can because that's what the

- 1 Applicant said and, you know, we definitely got a larger load
- 2 than originally -- on the original project.
- 3 It seems like it's a big deal if they can't figure
- 4 out if they need to reconductor. I mean, you don't want to
- 5 have your air emissions going sky high. You know.
- 6 HEARING OFFICER COCHRAN: Okay. Yeah, thank you.
- 7 MR. ZAFARIPOUR: So if I may add.
- 8 MS. WORRALL: Yeah.
- 9 MR. ZAFARIPOUR: I think, you know --
- 10 HEARING OFFICER COCHRAN: Who's speaking, please?
- MR. ZAFARIPOUR: This is, sorry, this is Masoud
- 12 Zafairpour from --
- MS. WORRALL: Yes.
- 14 HEARING OFFICER COCHRAN: Thank you.
- 15 MR. ZAFARIPOUR: -- SV1. Yes. I think the discussion
- 16 around reconductoring. When we are talking about a project
- 17 that's long-range, you know, we're talking about seven, eight
- 18 years, I think at this point is that, you know, it's --
- 19 I don't think it will, you know, say much because, you know,
- 20 PG&E has committed they can serve us. And as a customer,
- 21 that's their, you know, as being a service provider, that's
- 22 their commitment to any customer.
- 23 So try to predict between now and eight years from
- 24 now if a reconductoring is required, I think that's -- is,
- 25 you know, difficult. I mean, they can -- anybody, I mean,

- 1 they can go and do all kinds of things, but things will
- 2 change between now and then. And I just want to be -- be
- 3 careful because they have told us they can, you know, meet
- 4 our requirement. And I'm sure between now and then, things
- 5 are going to change which they will adapt but try to say at
- 6 this point if it's a reconductoring is requirement -- is
- 7 required, I think it will be difficult.
- I mean, I just, you know, I don't think is going to
- 9 serve much because it just, we're going to build the first
- 10 building and they're going to come through to build the next
- 11 building and so on. So.
- 12 HEARING OFFICER COCHRAN: Okay. Masoud, thank you
- 13 very much.
- Mr. Galati, I see your hand raised again.
- 15 MR. GALATI: Yes, thank you. I think that what would
- 16 be very helpful is for us to have a workshop with staff with
- 17 PG&E. I think when the electrical engineers at PG&E and we
- 18 are all on the phone, it'll make it clear that reconductoring
- 19 is not required to be studied now. So I'd like that
- 20 opportunity and I think the only way to do that would be in a
- 21 workshop where we can -- the engineers can talk to each other
- 22 using the same language.
- 23 HEARING OFFICER COCHRAN: Okay. And I want to make
- 24 clear to people who may be listening in to this meeting that
- 25 those type of workshops are still public events and so

- 1 members of the public can also participate and hear the
- 2 exchange of information between staff and Applicant and PG&E.
- 3 So, Mr. Galati, I'm glad you perked up because I did
- 4 have a question for you. In terms of the deadline to
- 5 intervene, you're asking that it be the same day as the close
- 6 of the public comment period. And then you had some
- 7 additional conditions on intervening that I would like to
- 8 understand a little bit better.
- 9 Can you explain a little bit more some of these new
- 10 conditions you want on interveners?
- 11 MR. GALATI: Yeah. So the purpose here is to
- 12 reconcile the Energy Commission's often desire to do sort of
- 13 an AFC proceeding in handling these projects to also
- 14 reconcile that it is a CEQA proceeding.
- So in every project that I have been involved with on
- 16 data centers, the Applicant has been in 100 percent agreement
- 17 with the ISMND. So the staff ISMND that comes out is sort of
- 18 the document that you want to encourage people to comment on.
- 19 That is -- that is how we know if we have any disputes that
- 20 really take us to evidentiary hearing.
- It is, I think, unfair to have no -- people not make
- 22 comments on the ISMND which allows staff to respond to those
- 23 comments. Those -- that narrows the issues significantly and
- 24 therefore makes the evidentiary hearing to not be a long
- 25 lengthy thing about new issues that people are trying to

- 1 handle.
- 2 So to me what should happen is a person who is
- 3 especially an intervener would comment on the ISMND, they've
- 4 now read the ISMND, they've had it for 30 days, they know
- 5 they are -- want to intervene because they have disputes.
- 6 Petitioning to intervene at that time lets everybody know
- 7 that there are disputes with the ISMND that might have to go
- 8 to evidentiary hearing.
- 9 It would be great to know what those disputes are
- 10 which they are in the ISMND and in the public comment period.
- 11 Once those public comments in, staff could revise that and
- 12 then the person doesn't want to participate because it's been
- 13 resolved to their satisfaction, they certainly don't have to.
- But allowing somebody to intervene significantly
- 15 after the comment period, I think it ties staff's hands and
- 16 then it ties our hands to try to handle everything in the
- 17 framework of testimony which is a lot harder to do. So that
- 18 is why I don't think it puts an undue burden on interveners
- 19 because they can always file a request to have that date
- 20 moved based on good cause.
- 21 But if somebody doesn't know by the end of the public
- 22 comment period what they're objecting to in the ISMND,
- 23 they're probably not going to be a very effective intervener.
- 24 Certainly they can make public comment all throughout the
- 25 entire and participate informally up until the last hearing.

- 1 But, you know, with intervention, I think that there
- 2 needs to be, you know, a little bit of responsibility on the
- 3 intervener to come in early. Even -- even Ms. Avalos, you
- 4 know, is encouraging people to come in early to the project.
- 5 You know, ideally, we'd like people to intervene now so that
- 6 we have an opportunity to do a workshop and have a
- 7 communication, exchange information instead of having to do
- 8 it in opening testimony and reply testimony in front of the
- 9 Committee. We think that's bad use of Committee time.
- 10 HEARING OFFICER COCHRAN: Okay. Thank you for that.
- 11 That helped. So that concludes --
- MR. GALATI: So like one thing for the record is that
- 13 is the first time I've ever agreed to staff's schedule and I
- 14 still didn't understand why that didn't resolve the issue.
- 15 HEARING OFFICER COCHRAN: Well, I still have
- 16 questions, that's my job.
- So I think that that completes the questions that
- 18 we've identified in the issues and topics that the Committee
- 19 has identified.
- Is there anything further from the parties that we
- 21 didn't talk about that we should have?
- MS. DECARLO: This Lisa DeCarlo for Energy Commission
- 23 staff.
- I just wanted to kind of piggyback on Scott's
- 25 discussion about the importance of having the intervener

- 1 filing date prior to or on the same day as comments are due
- 2 on CEQA document.
- But I'd also like to kind of part and parcel with
- 4 that is also ensuring that those who do intervene are held to
- 5 the same timeline established for filing of opening testimony
- 6 and reply testimony just to make sure everything's fair for
- 7 all the parties.
- 8 It is very difficult for staff when interveners are
- 9 provided a later date for their testimony which can sometimes
- 10 be just days prior to the evidentiary hearing. It's been a
- 11 hardship on staff to really try and turn around their kind of
- 12 analysis of what is contained in that file testimony in such
- 13 a short time.
- 14 HEARING OFFICER COCHRAN: Thank you, Ms. DeCarlo.
- 15 Anything else? Anyone else?
- Okay. So as I said, that concludes our discussion of
- 17 schedule, status, issues, and next steps.
- 18 We will now take public comment. So I told you at
- 19 the beginning that I would remind you of some of the ways
- 20 that you can participate in this hearing and review with you
- 21 again how Zoom operates.
- 22 Comments will be limited to three minutes per person.
- 23 If you are on your computer, use the raise hand feature to
- 24 let us know you'd like to comment. If you change your mind,
- 25 you can unraise your hand. We will call on you and open up

- 1 your line so that your -- so that you can make your comments.
- 2 For those on the phone, dial star 9 to raise your
- 3 hand. If you have muted yourself, press star 6 to unmute
- 4 your phone line. We will unmute your line from our end and
- 5 you'll be able to make your comments.
- 6 We will call on you in the order you raise your hand.
- 7 If you are on the phone, we will tell you your line is open
- 8 and call on you by reading off the last three numbers of your
- 9 phone number.
- 10 So at this time, is there anyone in the public who
- 11 would like to make a public comment?
- Mr. Goldthrite, I see BAAQMD Climate Protection
- 13 Section.
- MR. ZIELKIEWICZ: I'm sorry, this is Jakub
- 15 Zielkiewicz with the Bay Area Air Quality Management
- 16 District.
- 17 HEARING OFFICER COCHRAN: Thank you.
- MR. ZIELKIEWICZ: Do you want me to spell the name
- 19 again for the court reporter?
- 20 HEARING OFFICER COCHRAN: No, we got it the first
- 21 time. Thank you, Mr. Zielkiewicz.
- MR. KIELKIEWICZ: Perfect. Okay. Thank you to the
- 23 Committee and staff for hearing the Air District's comments
- 24 on the Proposed Great Oaks South Data Center.
- I think it's important to put the Proposed Great Oaks

- 1 South Data Center in the context of broader data center
- 2 developments specifically in the Bay Area.
- 3 The Air District is aware of more than 1.3 gigawatts
- 4 of likely diesel backup generation being planned at data
- 5 centers alone in the Bay Area. I'll say that again. So
- 6 we're aware of 1.3 gigawatts of likely diesel backup
- 7 generation being data centers alone in the Bay Area.
- 8 Many of these are -- have come or will likely be
- 9 coming through the CEC through the SPPE process. The volume
- 10 of backup diesel generation in general and specifically at
- 11 datacenters in the Bay Area is of great concern to the Air
- 12 District.
- 13 As you heard in the Applicant's presentation, the
- 14 Great Oaks South Data Center is proposing 99 megawatts of
- 15 diesel backup generation. Once these 36 diesel generators
- 16 are built and solved and operational, it's likely that
- 17 they'll be in existence for years to come also locking in the
- 18 associated greenhouse gas emissions.
- 19 The Air District does not view diesel generation at
- 20 this facility or in general to be part of the solution to the
- 21 state's climate goals including achieving carbon neutrality
- 22 no later than 2045 pursuant to Executive Order B-55-18.
- We appreciate CEC considering alternative solutions
- 24 to diesel backup generators for this project as a means to
- 25 demonstrate inconsistency with and achieving the state's goal

- 1 of carbon neutrality. Alternatives could include alternative
- 2 technologies, alternative fuels, or carbon offsets.
- 3 Alternative technologies are available and are currently in
- 4 use.
- 5 The California Air Resources Board recently released
- 6 the commercial backup generator technology clearinghouse
- 7 which identifies existing real and viable installations of
- 8 commercial backup power generation technologies including
- 9 alternatives to diesel.
- In addition, the Applicant over the past few years
- 11 has publicized the installation of 37 megawatts of fuel cells
- 12 at its data centers including data centers in San Jose. It's
- 13 unclear why this technology isn't being applied as part of
- 14 the Great Oaks South project design let alone mentioned as an
- 15 alternative in the SPPE application.
- In addition, alternative fuels should also be
- 17 considered renewable diesel as one potential option of which
- 18 there's ample supply. It's a drop-in fuel and relative to
- 19 conventional fossil diesel that achieves greenhouse gas
- 20 emissions and criteria pollutant reductions.
- 21 Lastly, where alternative technologies and
- 22 alternative fuels don't achieve carbon neutrality, the use of
- 23 carbon offsets should be considered to achieve the objective
- 24 of carbon neutrality.
- The Air District thanks the Committee for the

- 1 opportunity to comment today. We look forward to
- 2 collaborating with CEC on the Great Oaks South project in
- 3 identifying acceptable alternative solutions the proposed
- 4 diesel engines and in turn to contributing towards the goal
- 5 of carbon neutrality while improving air quality and public
- 6 health.
- 7 Thank you.
- 8 HEARING OFFICER COCHRAN: Thank you, Mr. Zielkiewicz.
- 9 I do not see any other raised hands. Does anyone
- 10 else wish to make a comment to the Committee?
- 11 Anyone else? Seeing none, I would ask Ms. Avalos if
- 12 you have received any written comments that need to be
- 13 relayed or related to the Committee?
- MS. AVALOS: Thank you, Susan.
- 15 No, the Public Advisors have not received any written
- 16 public comment. Thank you.
- 17 HEARING OFFICER COCHRAN: Commissioner Douglas and
- 18 Chair Hochschild, did you want to make any comments? And
- 19 also, do you feel it necessary to have a closed session?
- 20 COMMISSIONER DOUGLAS: So this is Commissioner
- 21 Douglas. I don't have any comments. I think it would be
- 22 helpful to have a brief closed session.
- 23 HEARING OFFICER COCHRAN: Say about 30 minutes,
- 24 maybe?
- 25 COMMISSIONER DOUGLAS: Chair Hochschild, does that

- sound all right to you? 2 CHAIR HOCHSCHILD: That sounds fine to me. Yep. 3 COMMISSIONER DOUGLAS: All right. Yes, about that. HEARING OFFICER COCHRAN: And then did Chair 4 5 Hochschild have any comments he wanted to make at this time? 6 CHAIR HOCHSCHILD: No additional comments. Thanks. 7 HEARING OFFICER COCHRAN: Okay. Thank you. 8 So as you just heard, the Committee will now adjourn 9 to a closed session in accordance with Government Code 10 Section 11126, subdivision (c)(3) which allows a state body, 11 including a delegated committee to hold a closed session to 12 deliberate on a decision to be reached in a proceeding a 13 state body was required to conduct by law. 14 We're going to return here even if we finish early. 15 For your convenience, we'll probably be back here about 16 quarter to four to report any actions or perhaps ask some 17 more additional questions that are raised during our 18 deliberations. 19 So with that, we're going to closed session. 20 (Off the record at 3:10 p.m.) 21 (On the record at 3:44 p.m.) 22 COMMISSIONER DOUGLAS: All right. So there's no 23 reportable action from the closed session. 24 Susan, anything you want to add?
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HEARING OFFICER COCHRAN: No, thank you.

25

1	COMMISSIONER DOUGLAS: All right. Absolutely.
2	Then we're I want to thank the parties and all the
3	participants today.
4	And with that, we're adjourned.
5	(Thereupon, the Hearing was adjourned at 3:45 p.m.)
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REPORTER'S CERTIFICATE

I do hereby certify that the testimony in the foregoing hearing was taken at the time and place therein stated; that the testimony of said witnesses were reported by me, a certified electronic court reporter and a disinterested person, and was under my supervision thereafter transcribed into typewriting.

And I further certify that I am not of counsel or attorney for either or any of the parties to said hearing nor in any way interested in the outcome of the cause named in said caption.

IN WITNESS WHEREOF, I have hereunto set my hand this 21st day of July, 2020.

PETER PETTY CER**D-493 Notary Public

TRANSCRIBER'S CERTIFICATE

I do hereby certify that the testimony in the foregoing hearing was taken at the time and place therein stated; that the testimony of said witnesses were transcribed by me, a certified transcriber.

And I further certify that I am not of counsel or attorney for either or any of the parties to said hearing nor in any way interested in the outcome of the cause named in said caption.

IN WITNESS WHEREOF, I have hereunto set my hand this 21st day of July, 2020.

Jill Jacoby

Certified Transcriber AAERT No. CERT**D-633