

Transcript of the Proceedings of:

PUBLIC MEETING

IN RE: DIABLO CANYON DECOMMISSIONING ENGAGEMENT PANEL MEETING

May 22, 2024



I M A G I N E
R E P O R T I N G

DIABLO CANYON DECOMMISSIONING ENGAGEMENT PANEL

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MR. SEVERANCE: Welcome to the meeting.

Chuck Anders was going to lead off with some points, but he's gathering himself for the moment. We are going to introduce ourselves briefly as members of the DCDEP panel. We have a number of -- of new members today as well that are attending this meeting for the first time that I'll be introducing, and I should do that now.

I want to first acknowledge that Will Almas has recently left the Diablo Canyon Decommissioning Engagement Panel, and we want to thank him for his years of service and his contributions which have included participating in National Committee for long term storage and proposals that have gone to congress in the last six months.

Linda Vanasupa is a recent member, and I would like to let her introduce herself.

MS. VANASUPA: Can you hear me? All right. Hi, I'm Linda Vanasupa, I'm an emeritus professor from Cal Poly in materials engineering and a resident of San Luis for 30 some years. I'm glad to be here, and I

1 hope to be of service and a good listener. I guess
2 that's about it.

3 MR. SEVERANCE: Also, I should recognize that
4 Tom Jones, who's long participated in our meetings, has
5 been officially -- has become an ex officio member of
6 the panel. He is not with us today with business in
7 Washington D.C.

8 MR. JONES: I'm here, Bruce.

9 MR. SEVERANCE: Oh, you're here? Oh.

10 MR. JONES: Yeah, and I'm not an ex officio.
11 I'm PG&E's representative. I can see you.

12 MR. SEVERANCE: Yeah, yeah, Tom is watching
13 us. So I'm sorry, I understood you weren't able to make
14 it.

15 And then Dave Houghton is another new member,
16 and I'd like to turn it over to him to introduce
17 himself.

18 MR. HOUGHTON: Hi, my name's Dave Houghton, I
19 am a practicing engineer, registered in civil and
20 mechanical. I teach about halftime at Cal Poly in the
21 civil engineering department, and a resident of San Luis
22 Obispo and definitely an interested party. I'll leave
23 it at that for now.

24 MR. SEVERANCE: Okay. Susan Strachan is also
25 an ex officio member and is unable to attend in person

1 today, but she's attending by Zoom. She is a
2 representative with the county building and planning
3 department and has been a real contribution to the panel
4 over the last couple of months, so she is attending by
5 Zoom this evening.

6 Have I missed anyone? I don't believe I have.

7 Chuck, do you want to cover the points you
8 were going to cover previously?

9 MR. ANDERS: Yeah. Just thank you, Bruce, for
10 starting the meeting. This is -- my name is
11 Chuck Anders. I'm the facilitator of the Diablo Canyon
12 Decommissioning Engagement Panel, and this is the 28th
13 meeting of the engagement panel since its inception in
14 May of 2018. This is an in-person and webinar format
15 meeting, so we have folks here in person and we also
16 have people participating via Zoom. I want to remind
17 everybody that the agenda, the presentations, and the
18 resource documents are available at the panel's website,
19 which is Diablo Canyon Panel dot org, and that's all I
20 have, Bruce. I'll turn it over for the safety briefing.

21 Dylan, you want to do the safety orientation?

22 MR. GEORGE: Good evening, everybody, thank
23 you for being here. My name is Dylan George with the
24 Diablo Canyon Public Policy Team. A quick safety
25 overview. First of all, restrooms, right there through

1 that door. The emergency exit is going to be right
2 through this door, that's where the stairs are so in
3 case the elevators are inoperable. We have with us
4 today Mitch Stump from the Diablo Canyon Fire
5 Department, he'll be here for medical standby, any
6 medical emergencies. We have Officer Leyva from
7 Atascadero P.D. here to protect us, and I think that
8 just about covers the safety moments, so thanks for
9 being here.

10 MR. SEVERANCE: Thank you.

11 So we turn it over now to Tom Jones presenting
12 on the repurposing of PG&E's Parcel P facilities.
13 Several key points that I should mention as Tom takes
14 over here is that a number of things have -- have
15 transpired in the last year. There have been three
16 other meetings that addressed repurposing of Parcel P
17 assets and those occurred in -- two occurred in 2018 and
18 one in 2021. As many already know, in the last year,
19 SB 846 has put continued operation of Diablo Canyon
20 front and center, and there are a number of other
21 concurrent activities, probably most importantly is the
22 offshore leases that have been sold for about
23 \$700 million worth of offshore wind leaseholds and
24 continued planning through offshore wind, which does
25 create some competition for transmission capacity

1 assets. PG&E has also applied for a 20-year extension
2 of their operating license, which is in excess of the
3 five-year extension that the State of California had
4 originally sought, but that's what they consider to be
5 standard procedure with the NRC.

6 Tom, do you want to take it from here?

7 MR. JONES: Thanks, Bruce, for that
8 introduction.

9 So good evening, everyone. I'm Tom Jones, I'm
10 the senior director of regulatory environmental and
11 repurposing for Pacific Gas and Electric Company for our
12 nuclear assets, including Diablo Canyon, and our team
13 with you tonight also supports Humboldt Bay and many of
14 those activities.

15 If we can go to the first slide, please, I'm
16 going to orient folks on the lands and where Parcel P
17 is.

18 Thank you. So Parcel P is about in the
19 center. There's an arrow going to it, and it's just to
20 the right of the north arrow on the map, right off the
21 Pacific Ocean. It's nearly in the middle of the
22 properties that PG&E either has control of or ownership
23 of. So from north Avila Beach, from the front gate,
24 it's very near the Port San Luis Harbor District
25 facilities. We either lease or control those properties

1 all the way up to Montana de Oro State Park. About in
2 the center is Parcel P.

3 That's got different zoning, which is very
4 important for repurposing, and I know Ms. Strachan will
5 talk about that a little bit later tonight, but it's
6 zoned public facilities, so it's very permissive for
7 things like institutions. Think college campus, think
8 power plants, things like that that generally serve the
9 public, and so that's about 750 acres in that area.
10 It's more than just Parcel P, but we shorthand it for
11 Parcel P, because there's another parcel to the north
12 where a portion of it is in our nuclear regulatory
13 commission license.

14 So if we can go to the next slide, we'll zoom
15 in on Parcel P shorthand, and you'll see a red outline.
16 So if we can go to the next slide, slide two, please.

17 MR. ANDERS: We have a little technical issue,
18 so give us one moment, please.

19 MR. JONES: There it is. Thank you.

20 So this is an area that's in PG&E's licensed
21 boundary for the nuclear regulatory commission. So
22 ultimately, Diablo Canyon will decommission, we don't
23 know when that is now, but the projects and things we're
24 looking for will happen in this area. And so if we can
25 go to the next slide, I'll talk about some of the

1 jurisdictions, and so it's the same image, but you'll
2 see some shading. That's the area where the NRC -- it's
3 like a diagonal pinstripe, that's the area where the NRC
4 has exclusive jurisdiction for nuclear and safety
5 issues. You'll see a yellow line bifurcating that red
6 section, and that's the coastal zone. So then we have
7 two different jurisdictional matters there. The area
8 just to the right and above that yellow zone, that's the
9 exclusive jurisdiction of the county of San Luis Obispo,
10 so they have all the rights for any permitting
11 activities that are discretionary in that area. And
12 then the area to the left that's green, that's in both
13 San Luis Obispo county's local coastal program, which is
14 approved by the coastal commission, but it's subject to
15 appeal to the coastal commission.

16 And then there are areas, if you look at the
17 Marina area in the lower left around the red outline,
18 those are areas called original jurisdiction where the
19 California Coastal Commission has exclusive jurisdiction
20 for building permits, but we're also the tenant in those
21 areas of the California State Land's Commission.

22 So a lot of moving parts, but one of the key
23 takeaways is PG&E can't act unilaterally for what's
24 going to happen on these areas, and a lot of the topics
25 for decommissioning require discretionary approvals from

1 these various regulators at different periods of time.

2 And if we can go to the next slide, really
3 setting up for tonight, this is an image from the north
4 looking south, and we chose this image for a couple of
5 reasons. One, when it comes to offshore wind, there's a
6 number of discussions that are going on, including
7 "could the Diablo marina or port, which is in the upper
8 right corner here, serve as some sort of support
9 facility for those efforts?" And then on the lower left
10 of the image, what you see are the two transmission
11 yards, one's 500 kV, 500 kilovolts, and the other's a
12 230 kV yard.

13 So the question becomes will that make sense
14 or not for an interconnection agreement? There is no
15 specific project yet, and you're going to hear more from
16 Cal ISO tonight about what things could look like in the
17 region should offshore wind move ahead.

18 The last thing I'll tell you is with a little
19 bit of the uncertainty now about how long the power
20 plant will continue to operate, we've started talking to
21 some interested parties about co-use. There's nothing
22 necessarily that precludes us from having some people
23 join some of the facilities while we're still operating.
24 So when we think about that, think of it as a warm hand
25 offer, cooperation of some facilities. There's been

1 nothing formal. If there are assets that are
2 encumbered, we'd have to go to the Public Utilities
3 Commission for approval. But those conversations have
4 shifted from "when you leave the facility" to "when
5 you're there, could we still use them?" So we're very
6 flexible in our approach to that; we're not trying to
7 close down opportunities but keep them open.

8 And the last thing, and the panel gets a lot
9 of credit for this, is one of our biggest repurposing
10 considerations is to repurpose the marina and the
11 breakwater. And that saves customers about
12 \$400 million, and it gives California a new public
13 harbor rather than if we remove it, those assets would
14 actually also have to go to Arizona, and so that's quite
15 costly, that results in about an additional 32,000 truck
16 trips over the course of several years through Avila.
17 We think that's not a desired outcome, and the EIR
18 contemplates repurposing as well, so Ms. Strachan can
19 talk about that.

20 But wanted to give you the lay of the land.
21 We've had a couple of repurposing conversations before,
22 including several years ago at Atascadero City Hall, so
23 that's a nice coincidence, but all this information is
24 available online, and what's not listed on there is
25 there's also a bona fide way for parties to express

1 interest and then go through due diligence process. So
2 anyone watching today or rebroadcasting, there is an
3 email address we'll put up later on about how folks can
4 make inquiry. And with that, Bruce, I'll hand it back
5 to you.

6 MR. SEVERANCE: Thank you, Tom. If you don't
7 mind, I wanted to ask, you'd mentioned that you thought
8 PG&E could be flexible about the transition in terms of
9 facilitating offshore wind. Do you -- are you
10 suggesting that you think that the cove could be used as
11 a support for offshore wind simultaneous to continued
12 operation and that other infrastructure could also fall
13 under that category?

14 MR. JONES: It could. It depends on the size
15 of the vessel they'd like to use. Our harbor's about
16 30, 32 feet deep. Some of the vessels they use for crew
17 and maintenance are larger than what our harbor can
18 accommodate, but there are also smaller chase vehicles
19 and more frequent vehicles, or more frequent vessels
20 that would go out to the station should a project come
21 online. So we're very willing to do that. We've also
22 discussed could there be marine research activities with
23 the CSU system, both Cal Poly and broader? And the CSU
24 system's staff from Long Beach that look at their
25 capital planning resources have toured the facility with

1 that of one of the many possibilities in mind.

2 MR. SEVERANCE: Thank you, appreciate that
3 feedback. All right.

4 MR. ANDERS: Thank you, Bruce. Thank you,
5 Tom.

6 Kara, you have a question.

7 MS. WOODRUFF: I do. Can you hear me okay?

8 Tom, thank you for your presentation. I
9 understand in talking to some of the offshore wind
10 leaseholders that in addition to tying in to the grid by
11 way of those kV yards, they might also need on-land like
12 support structures for that, and they could be as large
13 as eight to ten acres, and if there's three
14 leaseholders, that could be, you know, as many as
15 30 acres. I'm wondering, do you think that that sort of
16 land use could be accommodated on Parcel P while Diablo
17 is still running or how does that look to you?

18 MR. JONES: We need to see a footprint, so is
19 it possible? Yes. The zoning is there, the LCP
20 supports it, but we haven't seen a design of any project
21 yet. They're still very, very early in those stages,
22 and we've also seen differing amounts of the onshore,
23 the terrestrial requirements for when offshore wind
24 makes landing. I think a speaker later, Jeff, might be
25 able to touch on some of those things from Cal ISO

1 today. So it's a qualified possible answer, right, we
2 don't know the project or the requirements yet and how
3 that would interact or not with both decommissioning
4 plans and operational plans.

5 MS. WOODRUFF: Okay, thank you. One follow-up
6 question. So there's six gigawatts available,
7 transmission capacity, at Diablo, and I think
8 Diablo Canyon uses about 2.2, which leaves about 3.8
9 free. How do you see Diablo's operations working with
10 offshore wind when I understand the full build out of
11 offshore wind is somewhere around six gigawatts, or how
12 would you envision that -- those two operations
13 coexisting, if at all?

14 MR. JONES: It's a very hypothetical question.
15 That build out will take a significant amount of time.
16 I don't know how to phase it yet because, again, there's
17 no project to look at, but again, I think our expert
18 speaker from Cal ISO might have some answers for that as
19 well this evening. Very hypothetical at this point, no
20 answers on the project, the size, or how they intend to
21 make interconnection.

22 MS. WOODRUFF: Okay, thank you.

23 MR. SEVERANCE: I believe Dave Houghton has a
24 question.

25 MR. ANDERS: Sir, Dave, Michael was next and

1 then you. So raise your hand and then we'll call the
2 panelists in the order of their comments.

3 Turn your mic on, Michael.

4 MR. SEVERANCE: The button needs to be up.

5 MR. LUCAS: How about that?

6 Okay. Thank you, Tom.

7 The issue in Morro Bay right now concerns the
8 nature of the battery farm that's being discussed there.
9 Does something like that fit in to the possible re-use
10 in Parcel P?

11 MR. JONES: It certainly can. The zoning's
12 there, and we submitted 11 scenarios as part of our
13 environmental impact report and coastal development
14 application, and one of those scenarios has an
15 illustration that depicts energy storage -- an energy
16 storage facility, I think it's scenario three. And what
17 you see is essentially the parking lots that are already
18 leveled converted to large battery fields. And we show
19 also taking advantage of the port to bring them in,
20 things like that. So that is one of the scenarios that
21 we've just hypothetically considered, and it would be
22 permissible with the zoning, it could take advantage of
23 some of the infrastructure that's at the location.

24 MR. ANDERS: Thank you, Michael, Tom.

25 Dave, one last question for Tom before we move

1 on.

2 MR. HOUGHTON: Yeah, Tom, do you think that
3 security considerations could be handled with co-use?

4 MR. JONES: Could you repeat the question,
5 please?

6 MR. HOUGHTON: Do you think that security
7 considerations, which are significant out there, could
8 be handled with a co-use scenario where you had other
9 operators on site doing things, having to move through,
10 et cetera?

11 MR. JONES: Certainly and easily. In fact,
12 there is another offshore wind terminal on the east
13 coast that's co-located with the nuclear facility, so we
14 wouldn't be breaking any new ground in how a nuclear
15 power plant and port activities co-exist. And the
16 second part is we give a great advantage to them,
17 because it's a secure facility where we can control
18 access. And we badge folks, and we do co-use right now.
19 You might not think of it, but we have several cattle
20 operations out on the ranches, and those ranchers have
21 badges so that they can go through our front gate. Now,
22 they have different levels of access, but that's
23 something we would do. And when we grant those badges,
24 those employees of the other company not only would be
25 subject to that employee's background check but ours.

1 MR. ANDERS: Great, thank you, Tom. Thank
2 you, Dave.

3 Linda, do you have a quick question?

4 MS. SEELEY: Yeah. Are you finished? Is Tom
5 finished with his presentation now?

6 MR. ANDERS: Yes.

7 MS. SEELEY: Oh, I thought that we were going
8 to talk a little bit about what would -- what are the
9 plans of PG&E because you've applied for a 20-year
10 license extension, and there isn't enough space on the
11 current slab to accommodate 20 years. Are you planning
12 on keeping the waste in the pools for 20 years, is that
13 right? And also, that was one question. Another
14 question is I know that you applied for a 20-year
15 license extension but you -- but I'd like you to, if you
16 would, please, disabuse the public of -- of a meme
17 that's going around now, which is that you can only
18 apply for a 20-year license extension. According to NRC
19 rules, you can apply for as long as an extension as you
20 desire, given it has a couple of -- it will be issued
21 for a fixed period of time, which is the sum of the
22 additional amount of time beyond the expiration of the
23 operating license or combined license not to exceed 20
24 years that is requested in a renewal application plus
25 the remaining number of years on the operating license

1 or combined license currently in effect.

2 There's a meme -- there's -- people in this
3 community believe that you have to apply for a 20-year
4 license, that is not true. Number 2, what about the
5 waste? I thought we were talking about that tonight.

6 MR. ANDERS: Thank you, Linda. No, that's
7 actually somewhat off topic as it relates to repurposing
8 of Parcel P. But Tom, maybe you can quickly respond to
9 Linda's question, and then we can move on.

10 MR. JONES: Yes. So SB 846 required the
11 utility to give a report on the storage capacities at
12 Diablo Canyon. There's over 60 years of capacity with
13 the built environment at the facility today, 40 years of
14 operation on the ISFSI and exceeding 20 years in the
15 pools. We don't know how long we'll ultimately run for,
16 because we're running at the behest of the state to
17 address energy shortage issues. So, we have applied for
18 a 20-year license, that's all the NRC has ever granted.
19 You accurately quote the regulatory frame work. It says
20 up to 20, but all license renewals in the United States,
21 there's been over 30 of them, are for 20 years. The
22 regulator has never evaluated one shorter. They have
23 granted licenses for 20, and people haven't operated
24 that duration, like Oyster Creek, they applied for 20,
25 they operated approximately 10 years in their license

1 extension period.

2 So all the environmental and safety analysis
3 will look at what is required for 20 years. The state,
4 however, controls how long we operate with three
5 mechanisms. The state is in charge of the once through
6 cooling policy, through the regional and state water
7 boards, the state is in charge of the power of the
8 pursestrings or our regulated utility, and the state is
9 in charge of whether or not we enjoy a lease in the
10 people's waters off the coastline where our intake and
11 discharge structures are. So SB 846 calls for five
12 years, we talked to policy leaders at several agencies
13 and said if you need us for five years and a day, we
14 can't do it for you. We can apply for 20 and you can
15 still use those three control mechanisms to inform how
16 long the power plant operates to meet the energy needs
17 of California. So that's why we've applied for 20, and
18 right now, the enacting legislation and findings by
19 agencies is for five years.

20 MR. ANDERS: Thank you, Tom. Thank you,
21 Linda.

22 Let's move on to our next topic, and that is
23 the Parcel P re-use concepts identified in the draft
24 environmental impact report for Diablo Decommissioning.
25 That was prepared by San Luis Obispo County, and our

1 speaker tonight is Susan Strachan. Susan is an
2 ex officio member of the panel and just -- this is her
3 first meeting as an ex officio member. She's also
4 planning division manager for environmental at the
5 San Luis County Department of Planning and Building.
6 And as I mentioned, Susan was in charge of the
7 preparation of the draft environmental impact statement
8 or report.

9 So Susan, are you available online?

10 MS. STRACHAN: I am ready to go.

11 MR. ANDERS: Go for it.

12 MS. STRACHAN: Okay, thank you. If I can get
13 the next slide, please.

14 Thank you. So I'm going to talk a little bit
15 tonight about something that we included in the
16 environmental impact report. We have a section which is
17 called potential re-use concepts, and this is for
18 Parcel P. Again, it's in our draft decommissioning EIR,
19 which was issued in July 2023, and it was a section that
20 we included for informational purposes only, evaluating
21 just some concepts of what could happen or could be done
22 at the site at Parcel P. There was no analysis of the
23 concepts, there's no decision making that will be made
24 on the concepts, it was just provided for informational
25 purposes. Next slide, please.

1 So the information was developed, or the
2 concepts were developed based on information from
3 several different sources. We had took information from
4 the Diablo Canyon Decommissioning Engagement Panel
5 strategic plan; friends of Diablo Canyon lands had a
6 document referred to as a conservation frame work,
7 information came from there; PG&E, I think Tom had
8 mentioned, had put together some repurposing and re-use
9 concepts, and you'll see some figures from that in just
10 a bit. Reach, which is the organization that's our
11 county's economic development partner, they had several
12 activities from which we drew ideas on the concepts; and
13 then lastly, we took information from the scoping
14 process for the environmental impact report. Next
15 slide.

16 So the draft EIR described eight potential
17 re-use concepts, and they're listed here. What I'm
18 going to do is just go through each -- each one, and
19 again, I just have to reiterate, these were just
20 concepts just provided for -- for information. Next
21 slide.

22 Okay, so the first one is referred to as a
23 clean tech innovation park. And what I want to point
24 out on this slide is up at the top corner, or at the top
25 of the slide where you see the -- the lines, the

1 transmission lines basically leaving at this site and
2 the two blue pools transmission lines are coming from
3 PG&E's 500 kV switch yard, there's other lines coming
4 from the 230 kV switch yard, that's going to be
5 post-decommissioning, that PG&E owner-controlled area.
6 So again, the two switch yards are there, the dry cask
7 storage is there, the ISFSI, and that area will remain
8 under PG&E controlled.

9 So when we're talking about the concepts,
10 we're talking about the colored areas, the different
11 colored areas within the 750 acre site which is
12 identified in red. So under the clean tech innovation
13 park, it's a mixed use park, and it consists of clean
14 energy research and development, and that was slated
15 that that could be located in orange where the turbine
16 building is and the domes are. It has a marina
17 component for blue economic activity, and that's where
18 the -- the royal blue is down at the intake cove; a
19 Chumash community center which is identified in navy;
20 and then expansion of the existing desalination plant,
21 which is located in light blue. And then the larger
22 area in green is where the thought could be that that
23 could be potentially when -- when onshore wind
24 development. And under this concept, it would be -- the
25 thought was that it would be managed by Cal Poly. Next

1 slide.

2 There's a cup -- two different concepts
3 dealing with recreation. The first one is campground
4 and cabins and this is -- this would be moderate
5 intensity recreation. So it would have cabins which are
6 located in purple over at the bottom right hand corner,
7 hike and camping which is located above that in red,
8 tent camping which is over by the intake cove in
9 magenta, RV camping in yellow, and then a marina which
10 is where the intake cove is. Next slide.

11 And the second recreation option is a resort
12 hotel, and this would be much higher intensity use. So
13 there'd be potentially a lodge, which would be in pink,
14 the cabins in purple, canyon yurts over in the red, the
15 amphitheater, which is like a teal color or green color
16 would be over where the existing firing range is located
17 now, I thought that was a clever -- clever location.
18 There'd be restaurant, general store, and then
19 conference rooms. So again, much recreation but at a
20 much higher intensity than say the camping. Next slide.

21 So here's the energy storage option, and this
22 is the one that -- that Tom was mentioning. Under
23 this -- this concept, the -- whatever storage option
24 would be used, it would interconnect to the 230 and/or
25 500 kV switch yards, and it would be located in green,

1 so that bulk -- basically the bulk of the power plant
2 site. And storage options that were included in the EIR
3 are battery storage, liquified air, and mechanical
4 gravity energy storage. Next slide.

5 And then we also have energy resource --
6 research, and this would be a professional and student
7 research collaboration on clean energy sources, and the
8 buildings basically would be used for the colored areas
9 that you see would be used for different research,
10 offices and labs, and then conference rooms. Next
11 slide.

12 And then we have institutional uses, and these
13 uses could include a variety of different options:
14 hospital, mental health treatment center, veterans'
15 affairs facility, coast guard training, national oceanic
16 atmospheric administration facility, or a vocational
17 training center, and any of these buildings identified
18 could be used for a variety of those different uses.
19 Next slide.

20 And then the last concepts, I don't have
21 figures that correspond with these, so I grouped them
22 together, but one of them would be cultural and historic
23 preservation, and under that concept, a portion of the
24 site would be transferred to the Native American
25 community for preservation of archeological sites, the

1 site could also be used for meetings or ceremonies,
2 other activities such as those. Another concept is
3 upgrading the existing desalination plant and installing
4 a conveyance pipeline to provide water -- fresh water
5 for SLO county.

6 And then the last one, we've talked about
7 earlier, is infrastructure for central -- for the
8 Morro Bay wind energy area in terms of operation and
9 maintenance-type facilities. There have been several
10 studies that did identify Diablo Canyon as a potential
11 O&M-type facility, and so that's another concept that
12 could be included.

13 So those are all the concepts that are
14 included in the EIR. There's more information, it goes
15 into much more detail describing each of these. It's
16 actually in section 8 of the draft, and I,
17 unfortunately, didn't write the website down, but if you
18 go to the county planning and building web page and
19 click under active projects, and you can just scroll
20 down and the entire EIR can be accessed from that --
21 that web page. And that concludes my presentation.

22 MR. ANDERS: Thank you, Susan. I just want to
23 mention that I know these slides are kind of hard to see
24 right now for people. However, tomorrow, all of these
25 slides will be available on the panel's website, and you

1 can download them and view them right online at your
2 leisure, and that website is Diablo Canyon Panel dot
3 org, and there's also a link to the SLO county's
4 environmental impact report on that page also.

5 So anyone have any questions, quick questions?
6 Yes, Michael and then Patrick.

7 MR. LUCAS: Hi, Susan. Can you tell us what
8 the status of the EIR is and what the calendar for that
9 looks like at this point?

10 MS. STRACHAN: Yeah, so we're in -- we've been
11 responding to comments that we've received. I have to
12 say we have slowed down, given input from PG&E and where
13 things are with regard to extended operations, but at
14 this point, we're shooting for the end of the year when
15 the final EIR would be issued.

16 MR. ANDERS: Thank you, Michael.
17 Patrick?

18 MR. LEMIEUX: I thank you, Susan. I'm
19 wondering if the concepts that you presented are
20 mutually exclusive or can be piecewise combined? For
21 example, is the continued operation of the desalination
22 plant contingent on these other uses that you've
23 presented not happening?

24 MS. STRACHAN: There's nothing that went that
25 far in detail. They were just different -- literally

1 different concepts to give ideas of the types of
2 activities that could occur post-decommissioning. So
3 there's that -- if I didn't mention desal in one of
4 them, that doesn't mean it couldn't be there.

5 MR. ANDERS: Thank you.

6 Oh, Scott, thank you.

7 MR. LATHROP: Thanks, Chuck.

8 Susan, thank you for the presentation, very
9 informative. I just have a -- just to make sure I
10 understand, these concepts were created by the county,
11 is that correct, or by the applicant?

12 MS. STRACHAN: They were created by several
13 different sources. Ultimately by the county, by Aspen,
14 with our input, but at one of those first slides that I
15 showed, where it had -- you know, we took information
16 from the strategic plan, different sources, and
17 collectively came up with these concepts, but it did
18 also include information provided by the PG&E, the
19 figures were provided by PG&E.

20 MR. LATHROP: Okay. And also, all these
21 concepts are all based on the plant being
22 decommissioned, meaning that there's -- several of the
23 buildings would have to be removed in order to move
24 forward on any of these types of concepts, and so it's
25 my understanding we'll also have a presentation tonight

1 from GO-Biz that will be focusing in on doing a similar
2 thing for Parcel P going forward; is that correct? I
3 believe that that's the situation, and will the county
4 participate with that as far as kind of a lead on those
5 concepts or is that strictly going to be some third
6 party out there that they award a contract to to come up
7 with those concepts?

8 MS. STRACHAN: I think we should defer to
9 Dayna -- excuse me, sorry, Danna, Danna Stroud from
10 GO-Biz and how -- how they plan to move forward.

11 MR. LATHROP: Okay, because the way I see it
12 is that this is great information, but with the plant
13 going forward for the next five years and potentially
14 even longer, these are kind of like set aside, there's
15 going to be some kind of combination or some other --
16 something thought of moving forward in the short term in
17 order to look at that co-use aspect. Not a question.

18 MR. ANDERS: Thank you.

19 All right, thank you, Susan. I appreciate
20 your presentation and take care. Susan, any final
21 comments?

22 MS. STRACHAN: No, that's it. Thank you for
23 the opportunity to talk to you.

24 MR. ANDERS: Thank you.

25 All right. Let's move on to the next -- we'll

1 have the opportunity for public comment later in the
2 agenda. So at that time, you'll have the opportunity to
3 speak, sir. Thank you.

4 All right, our next agenda topic is offshore
5 wind and Parcel P. As Bruce mentioned, offshore wind is
6 potentially in the community's horizon, and we have
7 three excellent speakers to speak to that tonight. Our
8 first speaker -- and we'll have an opportunity for
9 questions and answers at the end of the three
10 presentations, so if the panel members could jot down
11 any questions you might have during their presentations,
12 our speakers should be available to discuss those at the
13 end of this segment.

14 The first speaker is on offshore wind
15 projects, Matthew Blazek, he's with the Bureau of Ocean
16 Energy Management, and Matthew is a renewable energy
17 specialist at BOEM, the Pacific region, and he's the
18 lead for future offshore wind lease planning in
19 California.

20 Matthew, thank you for being with us tonight.
21 Go ahead with your comments.

22 MR. BLAZEK: Certainly, you're welcome, and
23 thank you for having me. I appreciate the opportunity
24 to speak on BOEM's behalf. So as Chuck mentioned, my
25 name's Matthew Blazek, and I'm a renewable energy

1 specialist here at the BOEM Pacific region, and I'm
2 going to talk to you a little bit about our lease
3 planning processes and activities. Next slide, please.

4 Okay, so this slide here just quickly touches
5 upon BOEM's mission, which is to manage the development
6 of the U.S. Outer Continental Shelf, and specifically,
7 we're managing the energy, mineral, and geological
8 resources, and we do this in an environmentally and
9 economically responsible way. Our jurisdiction, at
10 least for our Pacific regional office, is on the US west
11 coast, and that is basically California, Oregon,
12 Washington, Hawaii, and the Pacific territories, and
13 this is the Outer Continental Shelf which extends from 3
14 to at least 200 nautical miles offshore.

15 However, our jurisdiction does not include
16 national marine sanctuaries or other marine-protected
17 areas. You'll see those that are not within our
18 jurisdiction kind of outlined in red there. Next slide,
19 please.

20 So this line here is just a very
21 oversimplified schematic of the basic components of a
22 floating offshore wind farm. So first, on the left, in
23 federal waters, the floating offshore wind turbines
24 would operate in various arrays that will be determined
25 by the lessees, and these are anchored by mooring lines

1 to the sea floor. Next, in the middle there, you'll see
2 that these turbines, as they generate and transmit wind
3 energy, they send that to floating offshore substations
4 via transmission cables. And then finally towards the
5 right, there will be additional transmission cables that
6 connect these floating offshore substations to onshore
7 electrical systems which are located in the state and
8 local jurisdictions to deliver power. Next slide,
9 please.

10 So this is just a diagram of how we get to
11 possible wind farms, at least on the BOEM authorization
12 process. So this chart shows the BOEM wind energy
13 authorization process broken down into four phases. And
14 as hopefully you can see, it sounds like you might have
15 some trouble seeing slides, but each phase ranges from
16 one to five years, and so it is a long time from
17 planning to a potential construction of an offshore wind
18 farm. So during each phase, BOEM coordinates and
19 consults with tribal, federal, state, and local farmers,
20 and there are multiple stages of an environmental review
21 and public opportunities for comment.

22 So I'll start quickly to describe each of
23 these phases. So the first one there you see kind of in
24 blue, this is the planning and analysis phase, and in
25 this phase, BOEM establishes an intergovernmental

1 renewable energy task force, it publishes a call for
2 information and nominations, as well as an area
3 identification memo, it also conducts an environmental
4 review, such as what you may have seen recently with
5 BOEM's Morro Bay and Humboldt environmental assessments.
6 This phase lasts about one and a half to two years.

7 The next phase, kind of moving along, is
8 typically one to two years, and this includes the
9 publication of leasing notices, conducting an auction,
10 and lease issuance if companies secure hybrids, and then
11 from those companies that do basically win the auction
12 or win the high bids, they acquire the leases at that
13 auction, and then they enter the site assessment phase,
14 so that third column. And in this phase, it can take up
15 to five years but maybe shorter.

16 So here in California, leaseholders or lessees
17 submit communication plans, survey plans, and site
18 assessment plans that go into review. After BOEM
19 reviews and after lessees get proper permits from all
20 the different federal and state agencies, they can then
21 begin their site characterization surveys. If you're
22 not familiar with it, this is the phase that some
23 current lessees are in for Morro Bay and Humboldt.

24 Finally, the last column on the right, we have
25 the construction and operations phase which includes

1 lessees submitting a construction and operations plan,
2 or what we call a COP, as well as a facility design
3 report, fabrication and installation report,
4 decommissioning plan, so on and so forth. The
5 construction operations phase also includes multiple
6 environmental and technical reviews, monitoring and
7 recording as well as permitting from many state and
8 federal agencies.

9 And lastly, after the lessees get approvals
10 and permits, especially approvals on its COP, only then
11 can they begin constructing an offshore wind farm. Next
12 slide, please.

13 So this slide here just shows you, we kind of
14 went through that process, or at least part of it, this
15 wind energy authorization process here in California.
16 So in December of 2022, there was an auction for five
17 lease areas, two in Northern California and three in
18 Central, which we'll kind of see in that map to the
19 right, and this ended up generating \$757 million in
20 winning bids that went to the US Treasury. So the five
21 lessees that are currently active are in the California
22 coast or offshore California are RWE and California
23 North Floating which are Northern California, and then
24 for Central California we have Equinor, Golden State
25 Wind and Invenergy. Next slide, please.

1 So as mentioned, the phase that we're at now
2 with these lessees in California are that site
3 assessment phase, which includes lessees submitting
4 communication plans, survey plans, progress reports, and
5 site assessment plans. There are three required
6 communication plans, Native American tribal, agency, and
7 fisheries that they must submit, and lessees are also
8 required to submit those progress reports every six
9 months to document the types of engagement that have
10 taken place as well as the actions that they have
11 embarked upon to communicate with tribes and
12 stakeholders. Next slide, please.

13 So where do they go from here currently? So
14 at first, from the current lessees or current leases,
15 all lessees have submitted those agency and fisheries
16 communication plans, and the three central coast lessees
17 have finalized a joint Native American tribal
18 communication plan. All these communication plans are
19 live and can be updated any time, and they can be found
20 on the lessees' websites as well as BOEM has links to
21 their websites as well on BOEM's website.

22 For survey plans, three lessees have submitted
23 these and one lessee, Equinor in Central California, has
24 started surveys recently within their lease area. All
25 lessees have also submitted semiannual progress reports,

1 which is also posted on BOEM's website, if anybody is
2 interested to view those.

3 Finally, for the current lessees, BOEM is
4 preparing a programmatic environmental impact statement
5 for the Morro Bay and Humboldt east areas, and this will
6 identify and analyze programmatic avoidance,
7 minimization, mitigation, and module measures if lessees
8 submit those future construction and operation plans or
9 COP's.

10 The record or decision from this PEIS will not
11 approve any activities and site specific environmental
12 analyses, and consultations will still occur at that COP
13 review stage in that next phase. Generally, if a COP
14 proposes activities not captured by this PEIS, then
15 future deep analyses on the COP will address those
16 unique activities.

17 As for future California leasing areas, you
18 may or may not have heard, the Department of Interior
19 announced recently a new five-year offshore wind leasing
20 schedule and has California around 2 slated for 2028.
21 In the meantime, BOEM is continuing to collaborate with
22 the State of California and we're eagerly awaiting the
23 finalization of the State's draft AB 525 strategic plan.
24 BOEM will also continue to conduct average with tribes
25 and collect data via our partnership with NOAA's

1 National Centers for Coastal Ocean Science, or NCCOS,
2 team that we have here. Next slide.

3 I know there's some interest of what could
4 potentially happen in the Diablo Canyon area. So first,
5 I wanted to touch upon a transmission here and BOEM's
6 involvement. So first, a transmission mainly falls
7 under the State of California's jurisdiction, which I
8 believe there's a presentation from Cal ISO after this
9 that may help to inform a little bit more about what's
10 going on there. However, BOEM is still contributing to
11 transmission planning, and we do that through
12 collaborative efforts with some federal and state
13 partners.

14 So for instance, Department of Energy and BOEM
15 are developing transmission recommendations for the west
16 coast through a convening series called West Coast
17 Offshore Wind Transmission Series, and basically, these
18 are convening meetings under four different tracks, and
19 they are public, tribal nation, state, and technical.
20 Meetings have already been held for each track, and
21 currently BOEM is planning a next round of convening
22 meetings.

23 In addition, BOEM also includes cable
24 easements for transmission lines when we issue offshore
25 wind leases. However, the number, type, and location of

1 cables are determined later by lessees in that
2 construction and operations phase. Cables cannot be
3 built or utilized until lessees prepare a COP which is
4 then approved by BOEM. Next slide, please.

5 I believe Mr. Jones talked about some
6 potential port opportunities as well as the previous
7 speaker before me, so I want to touch upon some
8 potential port developments as they relate to offshore
9 wind, which the panel may be interested in. So BOEM has
10 funded multiple studies recently that assess existing
11 California ports for their potential to support a future
12 floating offshore wind industry to meet the State's
13 goals of 25 gigawatts of offshore wind energy by 2045.

14 In addition, a feasibility analysis was
15 conducted to determine the estimated cost and time lines
16 to upgrade existing ports to meet offshore wind
17 requirements. These sites have helped to inform the
18 State of California land's AB 525 port readiness plan as
19 well as the State of California's AB 525 strategic plan.
20 In addition, these studies helped to inform the
21 Department of Energy's NREL, or National Renewable
22 Energy Lab, study who made a port study that looked at
23 similar requirements, but not just California, it looked
24 at the entire US west coast. Next slide, please.

25 So before I get into the summary of the

1 results from these studies, just wanted to kind of
2 highlight the types of offshore wind ports. There are
3 more than three, but these are the three main ones. So
4 the main ones are staging and integration,
5 manufacturing/fabrication, and then operation
6 maintenance sites. So first, that top one, staging and
7 integration sites are generally the largest and most
8 expensive of all offshore wind ports, and that's because
9 these allow for offshore wind components to be stored
10 and assembled into turbines before they're towed out to
11 sea.

12 The middle one there, manufacturing and
13 fabrication ports, this is where raw materials for
14 different offshore wind turbine components are stored
15 and where those individual components are created before
16 they go to the staging and integration site.

17 And then finally, operation maintenance ports
18 are usually the smallest of the port types, and these
19 support the ongoing maintenance of offshore turbines
20 after they've been constructed. So here you might see
21 maintenance crews, vessels, and spare parts being based
22 here. Next slide, please.

23 So this might be a little small, and I
24 apologize if it's hard to read. Again, these slides
25 will be available later as well. But this table

1 basically shows the port assessment results for 17
2 existing California ports that were studied, and to the
3 right, you'll see kind of three columns with the traffic
4 light color system there, and so those that are
5 highlighted in red or yellow were deemed less suitable
6 candidates for the three port types, whereas green were
7 deemed more suitable. So I tried my best to, hopefully
8 you can see it, highlight. You'll see in the light blue
9 box, there is the Diablo Canyon Power Plant area, and
10 this has been deemed as a potential candidate for an
11 operation and maintenance type port.

12 Just the conclusion from these studies show
13 that overall the port assessment that BOEM funded found
14 that California does have enough potential port sites to
15 meet California's 2045 deployment target for 25
16 gigawatts. However, there's a big however, offshore
17 wind port sites require substantial amount of investment
18 to upgrade and improve the existing infrastructure to
19 serve the offshore wind industry. Next slide, please.

20 So just kind of zooming in a little bit, I
21 know, again, Diablo Canyon is of interest here, so just
22 going to highlight mainly that operation and maintenance
23 ports types. So typically, it costs 0 to \$50 million
24 for every two acres to retrofit or upgrade ports to meet
25 the needs of an offshore wind industry, and for

1 operation and maintenance port sites, the time lines for
2 permitting can be four to seven years and construction
3 can be three years. I know all this sounds expensive
4 and a long time, but this is actually the quickest and
5 the cheapest compared to the other port types.

6 So for Diablo Canyon specifically, you'll see
7 it again kind of highlighted in the light blue box, it
8 does have a potential to cost up to \$10 million and take
9 seven to ten years for permitting and construction to
10 upgrade that area to an operation and maintenance type
11 port. Again, this is what the studies found. And just
12 some notes on what was included in these costs and time
13 lines, it did include demolition for existing structures
14 or features, such as a wharf or buildings on site, and
15 also, there was some outreach done with Diablo Canyon
16 Power Plant when they did these studies, and it was
17 found that two to ten acres of onshore area is available
18 but may not be directly adjacent to the pier.

19 And then as far as the wharf goes, the
20 Diablo Canyon Power Plant may be able to accommodate a
21 crew transfer vessel, which is part of the operation and
22 maintenance, and based on this third frame structure,
23 there can be docks that are 150 feet long for that
24 vessel. The existing wide depth at the site is greater
25 than 12 feet, so it can accommodate a CTE, so judging is

1 not required, which is how we -- the reason why the
2 costs were a little bit cheaper there. So again, this
3 is just an example, nothing has been determined with
4 regards to which existing ports from California will be
5 used for offshore wind purposes. There's still many
6 discussions between a plethora of state, federal
7 agencies, tribal partners, and stakeholders to help
8 figure that out. So more to come on that, but I realize
9 I threw a lot of information at you, and so I appreciate
10 you standing through the -- my presentation here, and I
11 look forward to any questions you have. Thank you.

12 MR. ANDERS: Thank you, Matt, and I appreciate
13 you sticking around to the end of this topic, this
14 segment for questions.

15 Matt had discussed the question of
16 transmission capacity and the State of California's
17 responsible for onshore transmission capacity and
18 planning, and we're fortunate to have with us tonight
19 Jeff Billinton who's with the California Independent
20 System Operators, otherwise known as Cal ISO or CalSO,
21 and Jeff is the director of transmission infrastructure
22 planning at Cal ISO. So Jeff, we appreciate your being
23 here.

24 MR. BILLINTON: Yeah, and I appreciate it, in
25 terms of being able to present and talk to you today.

1 In regards to the slides, if you want to bring up the
2 slides. I only have a few, and we can talk and then
3 kind of get some questions and answers. But if you go
4 to the next slide, just kind of give you a little
5 preface as to -- with our transmission planning. We
6 deal with a collaborative with the California Public
7 Utilities Commission and the California Energy
8 Commission. Back in 2022, we updated a memorandum of
9 understanding in December of 2022 to really do a number
10 of things, and if you look at the four kind of
11 components that are in here, it's to try to tighten the
12 linkages between our planning and the resource planning
13 and transmission planning as well as the procurement and
14 the interconnection processes for resources connecting
15 to the transmission system. And so that was to try
16 to -- try to bring that so that basically we're aligning
17 tightening in those processes, throughout this stage,
18 and the offshore wind is a component as we look at it,
19 and in particular with the CEC, they're responsible for
20 the load forecasting within the state, and that load
21 forecasting is consistent between the resource planning
22 that the CPUC does to develop their integrated resource
23 plan or they -- if you've heard from their IRP, and we
24 utilize that in our -- in our transmission planning, as
25 well as we use the -- the portfolios that are provided

1 by the -- the Public Utilities Commission through their
2 integrated resource planning in our transmission line to
3 determine what are the transmission needs, what
4 transmission needs we've built to accommodate that plan
5 which is -- is also, as we look aligned, in terms of to
6 meet the state goals, kind of through the SP 100
7 process. So that's -- that gives just kind of context
8 of kind of the inputs to our planning and then we go
9 through the end -- our annual transmission planning
10 process and determine what those needs are and then seek
11 approval from -- from the ISO's board for the projects
12 that we recommend and in the case of this year's cycle,
13 I'll be presenting tomorrow at the ISO's Board of
14 Governors meeting, the transmission plan, which is what
15 is identified for approval or recommended for approval.
16 If you want to go to the next slide.

17 This just -- this just highlights really the
18 offshore wind that is in the resource portfolios that
19 are provided to us for us to do our transmission
20 planning. This is just the offshore wind I've got here.
21 There's a total of -- by 2035, I believe the numbers are
22 on 85 gigawatt across the state, they were planning for
23 a variety of different resource types, be it solar or
24 storage wind, out-of-state wind, the offshore wind, too,
25 that's identified geothermal for those purposes.

1 But this is just the -- the offshore wind and
2 it has both the -- the central coast, so the Morro Bay
3 call area and as was described by Matthew in terms of as
4 to the two call areas that have been designated,
5 Morro Bay and then Humboldt up in the north coast, and
6 then Del Norte and Cape Mendocino are potential or
7 hypothetical areas in the northern area that we were
8 looking at as potential to -- to look and plan, and
9 those are only in the sensitivity or when we've done our
10 20-year outlook to look at the transmission needs but --
11 and the 20 years for informational lot for us to -- to
12 move forward with.

13 And so if we look at the Morro Bay area, in
14 the base portfolio for this year, which is the shaded
15 blue in the middle, 23/24 TPP, in that base portfolio is
16 3,000 megawatts to 3,100, we did look at a sensitivity
17 up to about 50, 5,300, and the 20-year outlook was
18 looking at 5,400. There has been and the developers
19 have indicated the potential could be larger for the
20 three call areas off Morro Bay, but these are the
21 amounts that the CPUC has identified in their integrated
22 resource plans, and like I said, the 3,100 is -- is what
23 we're planning for in the -- right now in the Morro Bay.
24 I'll talk about it in a few slides, some of the
25 potential and capabilities that we've done in studies.

1 And then the Humboldt area, this is the first
2 year that we've had in the base portfolio, capacity
3 identified, and so we -- we seek to -- to recommend
4 transmission approvals based upon the needs that we find
5 in that base portfolio, and so for the north coast --
6 and then if you -- that's one difference between north
7 coast and the central coast. So the Humboldt area and
8 the Morro Bay area, in the Morro Bay area, you have the
9 Diablo Power Plant that is existing with three 500 kV
10 lines that connect back to the system. In the Humboldt
11 area, you're looking at in terms of a system that is
12 supplied by two 115 kV lines and connected with the
13 60 kV system and a load that it's serving in the
14 150 megawatt area, and that's what the transmission was
15 designed for.

16 And so in this year's portfolio, we're
17 recommending for transmission development up to the
18 Humboldt area to connect the grid for the 1.6 gigawatt
19 as well as be flexible to be able to expand and grow in
20 time, and that's what we'll be recommending in -- or
21 I'll be presenting to the board tomorrow, recommending
22 for approval.

23 Now, in the -- in the Morro Bay area, and like
24 we indicated, that there is transmission capacity with
25 the 500 kV lines that were built for the -- the Diablo

1 Power Station and those requirements. And if you'd go
2 to the next slide.

3 When we did the analysis -- we started doing
4 analysis in the offshore really in the starting of
5 transmission, was the first sensitivity that was
6 provided for us to assess, reason the 21/22 transmission
7 planning process, and what we determined was there could
8 be an aggregate of 5.3 gigawatt of resource in the area.
9 And so depending upon the -- the Diablo Power Plant,
10 that would vary in terms of from what the existing is
11 and then how much wind could be identified or could
12 be -- could be integrated into that system. And it's
13 looking at connecting to 500 kV system, the 230 and the
14 500 kV in the area are not interconnected together, and
15 the T30 supplies loads in the area as well as there's
16 other resources that are connected to it being solar and
17 other interconnection existing and interconnection
18 queues.

19 And so what we looked at is can all the
20 generation connect to Diablo or is there a need up kind
21 of by the Morro Bay area for an additional 500 kV
22 interconnection? One or all could interconnect to there
23 as an alternative. And then the other thing, and the
24 diagram on the right really looks at if we're to go
25 above the 5.3 gigawatt or the capability of the 230 kV

1 system, we would need additional transmission, and that
2 would be really from the Diablo up to the Moss Landing
3 with a DC link, because the distances, DC length from
4 Diablo down into the LA basin, or an additional 500 kV
5 line from Diablo to -- to the gates of the station, that
6 goes through that area.

7 And so that's -- that's again, if we're going
8 to be looking at kind of at a high level, the
9 interconnection and then if and what the transmission
10 capabilities are, and if the capacities grow beyond or
11 if the Diablo was to -- to stay for a longer time
12 period, we would need additional transmission to be able
13 to accommodate wind, and based on the base portfolio,
14 three gigawatt in Diablo would be right in that area as
15 to being able to what could be accommodated. But to go
16 beyond that with offshore wind and Diablo or to go
17 beyond the 5.3 with -- with the offshore wind would
18 require further transmission enhancements. And so if we
19 go to the next slide.

20 This really just illustrates the same, and as
21 we're looking at the wind interconnection, it's just
22 kind of showing is it all interconnected at Diablo. If
23 we had further resources or were split where some of it
24 came to the new substation, some to Diablo, we could
25 accommodate probably approximately up to the

1 2,500 megawatt. If we wanted to connect all of the
2 resources at a new station and not Diablo, that would
3 result in basically needing up a transmission line to
4 connect back to Diablo so that you have access to those
5 two lines plus the existing one line to -- to gates so
6 that you have the basically transmission capacity to
7 evacuate the power out of the area in there. So that's
8 the main and what I was going to talk about. Now, I
9 know there's questions with regards to the
10 interconnection. I'm not sure if -- if Divya will be
11 touching on those as well but -- and it was a question
12 in the discussions that -- that Tom was relaying to.

13 This is looking at the transmission system and
14 what the requirements are. You can see on the lines
15 where they're saying from -- really coming from the
16 generator to the Diablo substation. That's a very
17 simplistic look at it, and it all depends upon what
18 the -- what the developer of the wind farm and how
19 they -- they develop their wind farm and the cables that
20 are -- come to shore. And there's really three options
21 that that would have. One would be coming in from
22 500 kV from the offshore wind and the floating
23 substation that was -- that was kind of indicating in
24 Matthew's substation. Well, when it comes on to shore,
25 it's going to need to come on land and have a

1 transition, and there will be a need for a station, even
2 if it's just the 500, because as they bring that 500 and
3 the distance is what -- I'm trying to put it in terms
4 of, as we look at it, as the voltage rises on
5 underground cables, that's one of the things with 500
6 and limitations on distances or our capabilities and the
7 limited underground on land for 500 kV utilization is
8 that there will be a need for like a what's called a
9 reactor station to be able to bring the voltage down
10 before it's interconnected into the substation.

11 And so that's one if it's needed, so it would
12 probably be the smaller of any of the ones if needed for
13 as it comes on land. Some of the developers look at
14 coming with a lower voltage cable, and say it's around
15 287 kV, so as the cables come onshore and then come in,
16 there will be a need for a substation to basically
17 terminate those lines, they need transformers to
18 transform that from 287 to 500 and then interconnect
19 into the -- the say the Diablo station.

20 And if there's -- if there is -- if they were
21 to look at using HVDC, and these are all designed to
22 carry based upon the distance that they are, the
23 capacity, and also technologies, because there isn't all
24 of the floating, with the floating, the floating
25 platforms and what we call dynamic cables so that it

1 basically can move with the floating, especially at the
2 high voltages and capabilities. But if they come with
3 an HVDC, they would have an HVDC converter at the
4 floating platform, it would come on land and that HVDC
5 would need a converter station to take it from the HVDC,
6 convert that HVDC to an AC stepped up to 500 kV to
7 interconnect. And the numbers that were identified
8 for -- for what those facilities being -- being the size
9 or the acreages would probably be in the range of -- for
10 the AC being of the 500 or a lower voltage that has the
11 transformer needs being in the five to ten-acre range,
12 and from talking to HVDC manufacturers, if it's an HVDC,
13 it is roughly in the -- in the 12-acre range, like
14 700 feet by 700 feet being the size of what that
15 converter station would be required.

16 So that's as we look at it and so as we're
17 planning and -- and -- and some of the information
18 for -- for the inter -- the connection component to get
19 from the wind farm on land where it comes to the
20 substation which is identified as -- as connecting to
21 the grid and then how we're planning kind of the grid
22 itself in the area, depending upon the capacities
23 that -- that develop, and in particular that are planned
24 for through the -- the CPUC's interconnection, or the
25 IERP, for that purpose.

1 So with that, I'll leave it there and then go
2 to the next presentation, and if there are any
3 questions, I'll be around to be able to answer them at
4 the end. And the next slide just is my contact
5 information.

6 MR. ANDERS: Thank you, Jeff.

7 Can we hold our questions until the end? We
8 are running a little late. And then --

9 MS. WOODRUFF: I know, but I think that there
10 is a lot of confusion about that presentation, and I
11 just wanted to clarify so that I understand what Jeff is
12 saying.

13 Are you saying that there is 5.4 gigawatts
14 available transmission capacity for offshore wind if
15 Diablo closes, is that a summary or did I get that
16 wrong?

17 MR. BILLINTON: That's correct. That's
18 correct.

19 MS. WOODRUFF: Thank you.

20 MS. SEELEY: And one more --

21 MR. ANDERS: Go ahead, Linda.

22 MS. SEELEY: -- quick question. Can you
23 please tell us the difference between a sensitivity
24 portfolio and a base portfolio just in like a couple of
25 words? I don't understand what that means.

1 MR. BILLINTON: Sensitivity portfolio is
2 provided to us by the CPUC for informational to help
3 them in the development of their resource planning and
4 what are some of the needs. And the base portfolio is
5 what we will -- if there's needs that are identified for
6 transmission upgrades based upon the base portfolio,
7 we'll determine what that need is, develop the
8 alternatives and make a recommendation. Our
9 recommendation, we take to our board of governors for
10 approval, and then from there, the bid development of
11 those facilities kind of go through the process of --
12 of -- depending upon how to be incumbent utility or
13 under certain specific criteria that we have, we go for
14 competitive solicitation for somebody to build those
15 facilities.

16 MS. SEELEY: Thank you.

17 MR. ANDERS: All right. Thank you, Jeff. And
18 again, we appreciate you hanging in there until after
19 the next presentation for any questions.

20 Our next presenter and last presenter on this
21 segment of offshore wind is -- the topic is onshore
22 infrastructure requirements, and we're fortunate to have
23 with us Dr. Divya Chandrashekhara, which I know I
24 pronounced that incorrectly. She is otherwise known, I
25 understand, as Dr. D. And Dr. D is a senior lead

1 specialist at Orsted, which is a Danish company, with
2 over 15 years experience with offshore wind and
3 renewable energy systems.

4 Dr. D, are you online?

5 MS. KURTHAKOTI: Yes. Can you see me and can
6 you hear me?

7 MR. ANDERS: Yes, we can, thank you for being
8 here.

9 MS. KURTHAKOTI: You're welcome. Thank you so
10 much for that introduction, and really happy to be here.

11 I think I got a great segue from Jeff from the
12 previous presentation. So what I would be focusing is
13 what we've done in offshore wind development in the
14 Atlantic coast, so certainly you won't hear anything
15 about floating structures, which is going to be very
16 interesting in the west coast. In the east coast, we
17 have fixed bottom, so definitely something very
18 different. But with that in mind, I think on the
19 terrestrial or the land site, you wouldn't see so much
20 of a difference, I would imagine, when it comes to
21 offshore wind development for the land infrastructure.
22 If you could go to the next slide, please.

23 So I'll just give you a brief overview of what
24 an offshore wind farm layout would look like. And some
25 it took years about onshore work that's required for

1 developing offshore wind farm, and I'll show you a
2 little bit of an example of an offshore wind project we
3 completed in the northeast and that's in operation.
4 Again, I think I do want people to keep in mind that
5 every design is unique and the land requirement onshore
6 is going to be different based on the design you pick,
7 the type of transmission technology, the voltage of the
8 transmission technology, your substation design, is it
9 GIS or AIS. So it's going to be very dependent on
10 those.

11 I'll give you some indicative ideas, initial
12 ideas, but they're no means concrete ones. You start
13 going into the details, of course you could reduce
14 footprint by using a slightly different technology. So
15 if you'd move to the next slide, please.

16 So an offshore wind farm layout, typically you
17 would have the turbines in the water, you would see only
18 fixed bottom because it's the Atlantic region we are
19 building these, and you would have what we call RA
20 cables. RA cables are typically medium voltage, it's
21 about 66 kV. So we have an offshore substation which
22 basically scales up the voltage if it is HVAC, and the
23 export cable that comes out is 275 kV or high voltage.
24 In some designs, there have been 230 kV or 138 kV for a
25 small offshore wind farm.

1 Again, for the larger ones, around 700,
2 800 megawatts, you're typically looking at 275 kV export
3 cable. So the purpose of the offshore substation, if it
4 is an AC connected, it's mainly voltage scaling, and if
5 it is HVDC, the offshore substation is a rectifier
6 station. This is a voltage source converter-based
7 technology, and it would operate as a rectifier station,
8 and so far, most designs we've used 320 kV monopole HVDC
9 systems, so you would have a DC export cable of 320 kV
10 DC export cable coming out.

11 And typically, this export cable will -- will
12 do a beach landing or what we call as land fall, and
13 from there, there's a transition joint bay and we
14 connect another -- we connect the export cable going on
15 to the onshore substation. The onshore substation is
16 always required, mainly for voltage scaling. So if
17 you're coming at 275 and you're connecting it to a
18 500 kV or 345 kV system, you really need to scale the
19 voltage, and that's the transformer you put in, and
20 there are interconnection requirements or grid codes
21 that you have to meet, maybe you have to provide some
22 reactive power support to the grid. So those kinds of
23 ants -- or balance plant equipment would be placed in
24 the onshore substation.

25 In many cases, we have STATCOM's that provide

1 the dynamic watt capability for meeting the onshore
2 requirements, and in some designs, we've even had a
3 synchronous condenser because the grid short circuit was
4 really low and we had to put in a synchronous condenser
5 to strengthen the grid at the onshore POI. And in one
6 of the designs, we have actually a voltage source HVDC
7 converter, so we would have an inverter station onshore
8 coming in there. If you move to the next slide, please.

9 I think I don't see the next slide -- yeah,
10 thank you. So the export cable typically makes a land
11 fall, so from sea to shore, there's a transition, and
12 typically in the parking lot, we would have a transition
13 joint bay, and there we pull the cable out from the
14 beach area, and most often it's done via HDD, just to
15 minimize the impacts to the environmental -- minimize
16 the environmental impacts so that's -- if we don't do an
17 open cut in many cases.

18 And once it's pulled at the parking lot, at
19 the transition joint bay, we connect the cable that
20 would go to the onshore substation, this export cable
21 would go onshore, so if you move to the next screen,
22 please.

23 Yeah. So there's a transition joint bay, and
24 this export cable goes all the way onshore, and this
25 cable goes in public properties or our private right of

1 way. Again, it depends on the point of interconnection,
2 the local utility or transmission system to which you
3 want to connect to and where you can secure right of
4 way. And it could be several miles, 10's or 20 or in
5 some cases 30, 40 miles to get to the point of
6 interconnection or the local utility. So if you'd go to
7 the next slide.

8 Yeah, and again, here, once the export cable
9 comes in, there's an onshore substation, generally it's
10 located to close proximity to the local transmission
11 network, a utility most often, 230 kV or 500 kV or
12 138 -- 138 kV in some instances, local utility network,
13 and the onshore, the purpose of the onshore substation
14 is really is this export cable terminates in the onshore
15 substation, and if it is AC, then there's a transformer
16 here, so there would be voltage scaling, and also, there
17 would be additional balance of plant equipment that may
18 be necessary to ensure reliable operation, and you
19 connect it to the grid to ensure you can meet some of
20 the requirements that are laid out in your
21 interconnection agreement. So that is the purpose, and
22 as I said for AC connected onshore substations, we've
23 had synchronous condensers being put in there for some
24 of our projects, and for some of our projects, it's just
25 STATCOM. For some, we have a combination of synchronous

1 condenser and STATCOM. For HVDC connected project, the
2 onshore substation would house an inverter station, so
3 it goes from DC to AC, so 320 kV DC gets transformed to
4 the local utility transmissional voltage. And that's
5 really the purpose of this.

6 So from an acreage perspective, the acreage is
7 very variable. It depends on the onshore substation
8 design for -- because a lot of our projects are
9 intensely populated areas like New York City,
10 Long Island, their space is -- is -- I would say it's
11 very constrained, and in those cases, we use GIS or gas
12 insulated substation designs to reduce the footprint,
13 and we try to house most of the equipment in there. But
14 there are certain cases where it may not be feasible to
15 have GIS designs, and you may have to go in for AIS,
16 which would obviously increase the footprint.

17 And also, as you include additional balance of
18 plant equipment, like synchronous condensers, the
19 footprint obviously increases. For voltage source HVDC
20 converter station, again, it depends on the design. So
21 there are certain designs where you can house the
22 converter station vertically in land-constrained areas.
23 But there are also designs where you can comfortably fit
24 it in the space that you have. Again, there's a lot of
25 flexibility around that. And from the onshore

1 substation to the local transmission, most often, this
2 is a very short cable or a transmission line connecting
3 to the local utility, and the preference for this cable
4 or line preference is generally agreed upon with the
5 local utility. Next slide, please.

6 And again, this is just an example. So this
7 is south -- that's the south fork wind farm, one of the
8 first commercially operated offshore wind in the
9 Atlantic region and in the US. So this is a very small
10 138 kV -- sorry, 130 megawatt offshore wind, and we have
11 138 kV export cable, and if you see the substation,
12 which is -- so the export cable route is shown in blue
13 on your right hand side, the map that you see, and
14 there's an orange dot or -- with number 3 that states
15 it's a substation, that's the onshore substation that's
16 housed next to the utility substation. So if you see on
17 the visual map on to your left, the south fork wind
18 farm -- I'm sorry you may not be able to see the
19 markings, but it's on the very left, the substation, and
20 the control room is on the very left.

21 So I think this would be available eventually,
22 and this gives you an indication of how big the
23 substation could be, but again, this is a very small
24 offshore wind farm, and we have only a STATCOM that's
25 housed here, so there's minimum balance of plant

1 equipment, and it may not be fully indicative but gives
2 you an idea.

3 There are other projects, as I said, where we
4 have a voltage source converter, HVDC station on land,
5 and we have projects where we have HVAC with synchronous
6 condenser and STATCOM, so the footprint for those is
7 definitely larger than this.

8 So with that, I think if we move to the -- I
9 think next is the last slide. And the inland right of
10 way is very project and design specific. So it's
11 heavily dictated by the export cable rating, is it an
12 HVAC or a DC project and what is the rating, the voltage
13 rating of your export cable, and how much power you're
14 transmitting onshore. The substation itself or the
15 location of the substation is generally close to the
16 utility and the size of the onshore substation is
17 dependent, again, on the design.

18 Is it AC or is it DC design? And even there,
19 you have GIS, AIS, and AC. Most HVDC substations are
20 all GIS which give us GIS substations, so you don't see
21 that much of a difference, but again, it could be
22 vertical design where you have constraint space. And
23 the AC designs could be very different based on the
24 project needs, as I said, for balance of plant equipment
25 and the connection from onshore substation to the

1 utility is most often agreed upon by the local utility
2 and can be done either via a cable or a line. And the
3 right of way for these is not too much compared to the
4 export cable right of way. I think that was it, and I
5 would end my presentation there. Thank you.

6 MR. ANDERS: Thank you, Divya.

7 Now is an opportunity for questions. Does the
8 panel have any questions of any of the three speakers?

9 Michael and Patrick, Scott and Kara -- and
10 Bruce.

11 MR. LUCAS: I guess my -- thank you, all, for
12 the amazing presentations. I like the diagrammatic
13 nature of breaking this complex thing down.

14 I think so, yeah.

15 I guess this is for -- for Jeff. If I
16 understand your three diagrams right, the cabling is
17 coming in to the Diablo site or it's coming in to
18 Morro Bay or potentially it's coming in to both? And
19 all of those diagrams you showed, if it's coming in to
20 Morro Bay, it requires an additional substation
21 capacity, and that seems to be something that the doctor
22 showed in her presentation as required for any cabling
23 coming in. So I guess my question is is that correct,
24 that you're looking at a potential of those three
25 scenarios for it coming in to all Diablo, all Morro Bay,

1 or a combination of the two?

2 MR. BILLINTON: That's correct. And you're
3 right, with the -- Morro Bay would require a new 500 kV
4 substation that would connect into the Diablo to Gates
5 substation.

6 MR. LUCAS: And I guess the other thing, since
7 we're talking mostly about Diablo, I'm a Morro Bay
8 resident, so I'm very interested in what happens up in
9 Morro Bay, but the -- it looked like there was a factor
10 of -- I think it was your slide, a factor of about four
11 of the cost of going into Diablo versus Morro Bay, was
12 that your slide or was that Matthew's slide?

13 MR. BILLINTON: I think that was Matthew's
14 slide. We didn't -- I didn't have any of the costs
15 provided today. Because it would depend upon what the
16 technology and -- and from the wind farm to the area and
17 the distances difference between going from Morro Bay to
18 the wind farm or Diablo to the wind farms for those
19 purposes.

20 MR. LUCAS: Okay, so what you're saying is it
21 comes into Diablo, there's no additional transformer
22 capacity needed here, but if we go into Morro Bay, there
23 does have to be an additional transformer capacity?

24 MR. BILLINTON: Well, not transformer
25 capacity, because like I said, the site itself is

1 switching station capability to you'd need a new
2 switching station because there isn't -- there isn't on
3 that line and you can't just tap the line, you need a
4 switching station for like what's at Diablo for the --
5 for the offshore wind to connect. That's the
6 transmission grid component, and there is still,
7 depending upon the technology of the developer, land and
8 a substation needed, either for voltage control as Divya
9 indicated or if transformers of the voltage isn't 500 kV
10 and then there's a lower voltage that comes on, you
11 would need a -- an onland of the developers for
12 transformers, or if there's HVDC, you would need an HVDC
13 converter station to convert it from HVDC and then
14 interconnect it into the transmission system, which
15 would either be at Diablo existing substation or that
16 new substation we talked about up in the Morro Bay area.

17 MR. LUCAS: Okay. I guess the other question,
18 then, would be for Matthew, about that cost differential
19 with your port assessment. Was that just for the
20 maintenance and operation aspect of the project that
21 didn't have any onsite landing of the cabling and things
22 like that; is that correct?

23 MR. BLAZEK: No -- correct, I did not
24 talk about -- the port system does not talk about the
25 transmission. It was more just upgrading the ports in

1 general for like vessels and stuff, that operation and
2 maintenance aspect of the turbines themselves. I mean,
3 it could potentially, I don't recall it talking about
4 transmission in the study itself, like maintenance of
5 transmission lines, but that could be a factor. But it
6 wasn't -- yeah, I can't recall that.

7 MR. LUCAS: Since we're all ratepayers here,
8 one of the things that interests me, can you say in just
9 a short summary why there's such a four times difference
10 between Diablo and Morro Bay, what's the nature of the
11 cost difference there if it's that high?

12 MR. BLAZEK: I would have to check on
13 Morro Bay, but I want to say for Diablo, it was cheaper
14 because of judging not being involved or being necessary
15 for the port. Yeah, I'm not as brushed up on the
16 Morro Bay port, of why that might be more expensive.

17 MR. LUCAS: And from your point of view, did
18 that have a time issue, about the continuing operation,
19 whether it goes to Morro Bay or Diablo as to the
20 efficiency of the start-up and things like that?

21 MR. BLAZEK: No time frame, that's something
22 that occurred with the lessees and more so the State of
23 California figured that out after that site assessment
24 phase, so as Tom mentioned, the site assessment phase
25 could last up to five years. So, but, I mean, hopefully

1 those things are determined along the way, just so
2 that -- because it does take a long time for permitting
3 and then eventual construction for the port itself so --
4 but yeah, there's no set time frame, just ballparks.

5 MR. LUCAS: Thank you.

6 MR. ANDERS: Thank you, Michael. We have a
7 limited amount of time, and we have about five people
8 who want to ask questions. So I'd ask our panel members
9 and the speakers to be as concise as possible.

10 Patrick.

11 MR. LEMIEUX: Thank you. Thanks to all those
12 speakers as well. My question's for Matthew as well.
13 I'm still a little confused about the time line of the
14 offshore project. Two of your slides in particular, one
15 was for the authorization process which had the four
16 columns, and my understanding's now we're smack in the
17 middle of the site assessment phase, the lease haven't
18 been granted, which could take up to five years, so
19 we're about two years into that, so I'm expecting maybe
20 three more years max and then three years for
21 construction and operations. So that puts us at about
22 eight years from now, and that's basically planning and
23 paperwork, right, this is -- construction has not
24 started yet, and yet for the operation and maintenance
25 sites, which I assume has to happen at the same time

1 that the construction of the actual wind site takes
2 place, there's a four to seven-year permitting period
3 requirement there that you've got to -- has that
4 started, is this going on in parallel? Because you have
5 multiple paths there for that one as well, and they're
6 not going to -- these companies are not going to apply
7 for permits for multiple places at the same time I'm
8 assuming.

9 MR. BLAZEK: You are correct, things should be
10 happening hopefully simultaneously. As far as the BOEM
11 authorization process goes, they are in that site
12 assessment phase but they really just started the site
13 surveys, like Equinor's the only one so far, and that
14 was at the end of April, so it's really just for a few
15 weeks, and so they do have the ability or the bandwidth
16 to survey up to five years, and then they'll submit it
17 in conjunction of creating that construction operations
18 plan which then BOEM has to review, as well as they will
19 have to get permits from other agencies, so there is a
20 long time line that potentially could be there. But
21 they could be quicker, it just depends on how engaged --
22 like some lessees have submitted survey plans, others
23 have not, and so it just really depends on each lease.

24 And then on the other side, as far as the port
25 development goes and the time frames, I know the State

1 of California has been talking with all the different
2 authorities and stuff. Again, that's more on the
3 state's side, since it's onshore but -- but yeah, that
4 is something that they're looking at, assessing which
5 ports potentially these lessees could be transmitting
6 their transmission and power to as well as which ones
7 they could be using for the different types of offshore
8 wind ports. So I know like Long Beach and Humboldt got
9 some grants and they're trying to expand their ports for
10 more of a staging and integration. I haven't heard much
11 yet on manufacturing and fabrication as well as
12 operation and maintenance ports, but those hopefully are
13 being considered across the -- again, all of the
14 different stages in the industry as well.

15 MR. LEMIEUX: So in presentations that I've
16 heard from Invenergy and Equinor and Golden State, I was
17 left with the impression that they're expecting
18 construction to start by around 2030 to 35. Does that
19 jive with the time line you are predicting with these
20 various agencies as well?

21 MR. BLAZEK: That is the scenario. Again, it
22 kind of depends on how quickly they can get out there
23 with their surveys and how their surveys go and what
24 they find and again, how quickly they can develop those
25 construction operation plans and get those approved. So

1 that is within the realm of possibilities, yes.

2 MR. LEMIEUX: Thank you.

3 MR. ANDERS: Thank you, Patrick.

4 Scott, you had a question.

5 MR. LATHROP: Yes, I actually have five
6 questions, but they will be really quick.

7 First of all, my understanding is that there
8 needs to be some kind of offshore substation, whether
9 floating or I guess on the east coast it's fixed. I'm
10 just concerned or interested if anyone can answer this,
11 as far as what size that is? What is -- again, is it
12 square feet, is it acres, or what will be floating?
13 That would be one question.

14 Another question would be onshore, what is the
15 average size of the onshore station? And I understand
16 if we have three different contractors or vendors or
17 suppliers, it seems like we'll need three substations on
18 site, let's say on Parcel P somewhere?

19 And then I was also interested in the PEIS.
20 There was -- apparently, you're in the works of doing
21 the draft, and I was wondering about the time line, when
22 you will have -- public will have an opportunity to
23 weigh in on that?

24 And then as far as the marina, looking at it
25 becoming an O&M or either a construction port, I'm very

1 interested in the amount of trips in and out of the
2 marina. I'm assuming that someone would have an
3 estimate of what -- the normal number of trips in and
4 out of the marina. And those are the five.

5 MR. ANDERS: Anyone want to take on those
6 questions?

7 MR. BILLINTON: Well, I can touch, because I'm
8 on -- I'll start with the first one. The offshore,
9 again, will depend upon what is the technology they're
10 using to bring the power onto shore and -- and so you're
11 looking at the cables coming in, step-up transformers
12 from the cables from each of the wind farms that are
13 collected, and so you're probably looking in the same of
14 almost a ten-acre type in size, but depends upon how
15 much they can do also of the stacking of it and the
16 floating. Onshore, I think I mentioned in terms of
17 depending upon the technology coming in or what they're
18 using, it will range somewhere between probably 5 on the
19 lower end, which might be a bit small, up to about 12
20 acres for the HVDC converter station, so somewhere
21 between probably in that 5 to 12-acre range, depending
22 upon the technology. Now I'm trying to remember the
23 other questions that you had.

24 MR. LATHROP: I think the other one is for
25 BOEM as far as the time line for the PES.

1 MR. BILLINTON: Okay, good.

2 MR. BLAZEK: Yes, so for the PEIS, there -- so
3 we are -- have to follow by the Council of Environmental
4 Quality there at the White House, so their time lines
5 and new guidelines beneath the documents, and so I
6 believe it's two years from the notice of intent to the
7 release of the record and decision, and so there's not a
8 time line yet of when a draft will be published, but I
9 have heard through other -- that's not my realm at BOEM,
10 but I have heard through our sister office, the
11 environmental office at BOEM, that potentially in the
12 fall, we'll have a draft that people can look at and
13 provide public comment.

14 MR. LATHROP: Okay, and then the last question
15 relates to the number of trips in and out of the marina
16 for M and -- O&M or either construction.

17 MR. BLAZEK: Yes, so I was trying to quickly
18 look through the studies, it just talks about day trips
19 and multi-day trips, but it didn't talk about how many,
20 per se, but that's something that I can try and look
21 deeper into and get back to you on.

22 MR. LATHROP: Thank you.

23 MR. ANDERS: Thank you. Next question's from
24 Kara.

25 MS. WOODRUFF: Scott answered -- asked the

1 right questions, I'm good, thanks.

2 MR. ANDERS: Okay. Thank you.

3 Bruce, you had a question.

4 MR. SEVERANCE: Yeah, I -- this question I
5 think is directed to Jeff and when we heard from Tom at
6 PG&E, Tom Jones, earlier, he was saying that there was
7 approximately 3.8 gigawatts of capacity that would be
8 available, transmission capacity at Diablo Canyon, even
9 if continued operations occurred over a longer period of
10 time, and I wasn't sure if your 5.3 gigawatt figure
11 accounted for that. Could you give a break down of like
12 how much the 5.3 is -- capacity is existing at Morro Bay
13 versus how much would be existing at Diablo Canyon with
14 and without the scenario of continued operation?

15 MR. BILLINTON: Well, the 5.3 is based upon
16 looking at the three 500 kV lines that come into the
17 Diablo. That's how much offshore wind could be
18 accommodated, without Diablo. If Diablo is -- is in
19 operation, effectively take 5.3 minus what Diablo's
20 output is, so that puts you down to almost the
21 3-gigawatt range for what's available. If we're
22 connecting at Diablo, that's what that capability is.
23 If you're connecting all of it at that -- at creating a
24 new station, connecting the 500 at Morro Bay, I believe
25 it's in or around the 2,500, and to go up to the 5.3,

1 you would need another line from that new station back
2 to Diablo so as to have the same effective output from
3 the area. And so that's -- that's where that comes
4 from. I'm not sure where the 3.8 that Tom had
5 dropped -- you're referencing Tom had indicated, because
6 that's more than what the capability would be with
7 Diablo plus offshore wind.

8 MR. SEVERANCE: That's a good question. Do
9 you guys talk often?

10 MR. BILLINTON: We talk regularly. I don't
11 know where -- that number. These numbers, we've been
12 communicating since --

13 MR. JONES: I don't believe I said that number
14 or used a specific number, Mr. Severance.

15 MR. SEVERANCE: Okay. I'm sorry, can you
16 repeat that, Tom?

17 MR. JONES: I said I don't recall using such a
18 specific number and I'll try to defer some of this
19 specificity to Jeff by name in my answer.

20 MR. BILLINTON: Yeah.

21 MR. SEVERANCE: Okay. Yeah, I -- I took some
22 notes, I had 6 gigawatts and that there was
23 2.2 gigawatts of capacity at Diablo Canyon and there was
24 roughly a 3.8 gigawatt balance.

25 MR. BILLINTON: I think the 6 was referenced

1 by one of your panel members.

2 MR. SEVERANCE: Okay. So that was incorrect?

3 MR. JONES: That's correct, you are incorrect.

4 MR. BILLINTON: Yeah.

5 MR. SEVERANCE: All right, thank you.

6 MR. ANDERS: Thank you, Bruce.

7 Dave, you had a question?

8 MR. HOUGHTON: Most of my questions have been
9 addressed. I have a couple remaining. Marine preserves
10 and reserves, is there any consideration for the
11 offshore wind? And I'll direct that to Matthew at BOEM.

12 MR. BLAZEK: Just as far as siting goes?

13 MR. HOUGHTON: Yeah, is that a factor or
14 constrain, the placement of offshore wind for us --

15 MR. BLAZEK: Yes, so -- correct, so yes, so
16 marine-protected areas and other types of things like
17 bringing a national mine, that falls outside BOEM's
18 jurisdiction, so no, we cannot issue leases into those
19 areas, so that would be a constraint.

20 MR. HOUGHTON: Okay. And then there's lease
21 payments, you said that those go to the US Treasury. Is
22 that a lump sum or is that an ongoing thing as power is
23 generated over the years, and does any of that flow to
24 the state and/or the county?

25 MR. BLAZEK: Oh, I think what I was talking

1 about was the actual lease sale, it wasn't like
2 royalties or anything like that, like as ongoing. I
3 just put the -- for the lease sale itself, that money
4 that was generated went to the US Treasury.

5 MR. HOUGHTON: Okay. Tom, did you have
6 something to say about that?

7 MR. JONES: I did. That's for BOEM's
8 jurisdictional areas, there would be a lease required
9 through the California State Lands Commission from the
10 three miles into the inner cattle zone, and that would
11 be subject to negotiation and appraisal from the state.

12 MR. HOUGHTON: Okay, thanks.

13 Then a question for Dr. D. The onshore
14 substations that you were referring to, are those
15 enclosed or are they open air?

16 MS. KURTHAKOTI: So as I said, most of it that
17 we are building is GIS, so they are closed -- enclosed
18 substations and gas insulated. Again, the restriction
19 came from -- came because as you can imagine, in
20 New York City, getting to Long Island, the land is a
21 premium, so we just had to get it through. Having said
22 that, since you're discussing about retirements and
23 power plants, I think one of the things you really have
24 to keep in mind is contamination. So maybe even if you
25 have a large land area, it may be a lot more difficult

1 to use maybe because of contamination, so something to
2 keep in mind.

3 MR. HOUGHTON: Okay, thanks. And then last
4 question. So the footprint that you showed from the
5 east coast example, that was 130 megawatts. What we're
6 talking about here is potentially 10 to 40 times as
7 large as that. Does that footprint scale up with the
8 capacity or is it not linear?

9 MS. KURTHAKOTI: It's not linear. That's
10 where it gets a little tricky. So the scaling, the
11 transformer size is going to increase but it's not a
12 linear increase. The more challenging part is what
13 comes from the grid side, right. If you start including
14 balance of plant equipment, like as I said, for some
15 designs, we have a synchronous condenser, obviously the
16 footprint you would need is a lot more, and it has to be
17 in an area where it's accessible for O&M, so it depends
18 on a specific project design. I think it's most
19 standardized for HVDC. If you're looking at standard
20 ones, you can get those from Hitachi and Siemens. The
21 standard footprint --

22 MR. HOUGHTON: -- just to know that it's not
23 linear and we don't have something 40 times bigger than
24 what you showed, that's really what I wanted to know,
25 thanks.

1 MS. KURTHAKOTI: Yeah.

2 MR. ANDERS: Okay, thank you, Dave.

3 One last quick question, Kara, but we have to
4 move on.

5 MS. WOODRUFF: So I -- I guess I'm just asking
6 for confirmation from one of the speakers. PG&E has
7 applied for a 20-year license extension, but I think
8 it's fair to say that if offshore wind is fully built
9 out as planned for the long run, there is insufficient
10 transmission capacity at Diablo, so either Diablo would
11 have to close to accommodate space for wind or
12 additional transmission capacity would have to be
13 developed, that's correct, right?

14 MR. BILLINTON: If you were looking in terms
15 of with Diablo staying in service and one -- and the
16 integrated resource plans go beyond 3 gigawatt for the
17 offshore wind and that they currently are in our base
18 portfolios, then you would require some additional
19 transmission to effectively evaluate the power out of
20 that area to the grid. And those are the three
21 alternatives that we looked at in that one that I
22 identified as three different alternatives that would be
23 needed to expand beyond the five-point treaty aggregate
24 generating resource in that area.

25 MS. WOODRUFF: Thank you.

1 MR. ANDERS: Thank you, everyone. It is time
2 for a break. I want to thank Jeff, Matt, and Divya for
3 being excellent speakers and especially for staying with
4 us for those of you that are on eastern time zones. So
5 thank you all very much.

6 Before we take our break, I'd like to get an
7 idea of the number of public members that would like to
8 speak tonight. For those here in attendance, if anybody
9 wants to speak, hold up your hand.

10 Okay. And how about online, can you -- hold
11 on. For those online that would like to make a public
12 comment, could you please raise your hand on the Zoom
13 system.

14 Okay. We've got an idea of the number of
15 speakers that we'll have. The public comment period
16 will take place after our next speaker at approximately
17 8:15 to 8:30. So let's take a five-minute break right
18 now and reconvene at 7:50.

19 (Recess taken.)

20 MR. ANDERS: Let's reconvene the meeting and
21 proceed with our last speaker tonight. We're very
22 fortunate this evening to have Danna Stroud with us, she
23 represents the Governor's Office of Business and
24 Economic Development, or otherwise known as GO-Biz, and
25 she is the associate deputy director for community and

1 place-based solutions, and she's going to speak to us
2 tonight about GO-Biz's Senate Bill 846 Parcel P
3 repurposing analysis and funding.

4 Danna, are you with us tonight?

5 MS. STROUD: I am. Can you hear me?

6 MR. ANDERS: We sure can. Thank you for
7 joining us.

8 MS. STROUD: Great, thank you. And I will
9 apologize in advance if there is any background noise.
10 I am parked at a Shell gas station on I-5, and there's
11 traffic, so I apologize for any background noise. And
12 thank you for having me this evening, and apologies for
13 not being there in person. I live in Paso Robles, which
14 is just up the road from where you are tonight, but
15 unfortunately, I had a prior commitment to be in Merced
16 today, and so I'm working my way back to Paso Robles and
17 therein why I'm coming in virtually this evening.

18 I just want to provide a brief update on the
19 SB 846 and the GO-Biz portion of the funding that came
20 out of SB 846 specifically for a re-use economic
21 development strategy for Parcel P at Diablo Canyon Power
22 Plant. As you might recall, last fall, my senior
23 business adviser, Kaina Pereia, participated in your
24 meeting and provided a brief update at that time also.
25 And things have changed slightly since he visited you

1 last fall. So here we are in May, we've had some
2 staffing transitions that have created a bit of a
3 refocus for our team. Kaina has moved over to the
4 California work force development board, so that's --
5 with that transition, we've had a slight delay. But
6 here is what our strategy is for moving forward with our
7 economic development strategy and re-use for Parcel P.

8 Our intent as it stands currently is to
9 prepare an RFP and distribute for comment in late July,
10 early August. And when we say distribute for comment,
11 we certainly intend to route it at the
12 local/state/regional level for any input that we would
13 like to hear and receive from the community as it
14 relates to the scope of work that we would be proposing
15 in this RFP that we would then use to solicit proposals
16 for consultants to assist us in the development of this
17 plan.

18 So our current timeline is late July, early
19 August to distribute for public input. Following that,
20 we would receive that input, and then at the end of
21 August, early September, issue the RFP for solicitation
22 of proposals and review proposals and award and contract
23 with consultant October, early November, with kickoff to
24 begin as that contract is executed. That would put us
25 on about an 18 to 19-month window for completing this

1 work. Spring of '26 would be our target as the time
2 line for the funding that has been appropriated does
3 expire at the end of that fiscal year '26.

4 So our intent -- and I heard an earlier
5 question, I think panel member Scott Lathrop, you asked
6 a question about existing documents. Certainly, if you
7 recall, our director, Myers, was in the area last
8 winter, February of '23, along with CNRA secretary
9 Wade Crowfoot to participate in a series of
10 community-led meetings around the Diablo
11 decommissioning, and we received input there. But if
12 you recall, there were several reports and studies that
13 were referenced during that visit, and Susan Strachan,
14 in her draft EIR, referenced what some of those
15 documents are that we would intend to integrate into or
16 use as informational to help inform some structure
17 relative to the plan.

18 I would also just add that our intent is
19 certainly to use outside consulting sources, retaining
20 the services of an outside consultant, but GO-Biz would
21 be the project manager of it, and we would certainly
22 anticipate significant community engagement using much
23 of the groundwork that has already been completed in the
24 region by a variety of partners to, if you will, TF this
25 use, this final discussion around re-use.

1 We are also -- and we have been reassured to
2 date that the five million that was set aside for GO-Biz
3 to use, it will not be affected by the budget
4 considerations, and we will, you know, have that
5 reaffirmed as the legislation approves the budget
6 mid-June, and then we have the governor who will sign it
7 hopefully by July 1st. So that is our time line, that
8 is our intent, and unless something drastic happens
9 between now and June 15 or July 1, that's the schedule
10 that we will work from.

11 I did want to just reiterate, you saw Parcel P
12 slides earlier tonight, both in Susan's presentation and
13 in Tom's presentation, so you're fully aware of the --
14 the scope, if you will, that we're looking at. At the
15 same time, though, what we're considering with this is
16 the, if you will, kind of the -- the broader economic
17 footprint for the re-use opportunities and how the
18 potential re-use might fit into a community-led economic
19 growth leading to the well-paying jobs that we're
20 looking to identify and be located out there with the
21 potential re-use of Parcel P.

22 So we want to, through this process, ensure
23 that there is -- that the consideration for the re-use
24 aligns with many of the industry sectors that are being
25 identified as priority sectors in the greater central

1 coast region, and I think with all the information --
2 pre-work that has been done already and information that
3 is being shared, historical information that we can look
4 at, I feel very confident that we'll be able to identify
5 what those -- what the -- identify the alignment with
6 the industry sectors that are emerging in the central
7 coast.

8 So the focus is the community economic growth
9 along with well-paying jobs that come with that re-use,
10 and that's going to be a key part of the re-use
11 strategy. I don't have any other points to make at this
12 time, so I am happy to answer any questions that you
13 might have.

14 MR. ANDERS: Great, thank you, Danna.

15 Panel members, any questions? Yes, Linda and
16 Dena.

17 MS. VANASUPA: I just turned myself off.
18 Okay. This might be a very elementary question. How
19 does this analysis in funding, how does this account for
20 what I understand is the first right of refusal to the
21 native folks for the -- the I guess purchase of some of
22 the lands? Am I making sense?

23 MS. STROUD: Yeah, you are.

24 I -- I don't have a direct response to that.
25 I'm looking at my colleague at PG&E, if Tom has a

1 response to that, but I -- we are not in a position to
2 directly respond to that at this moment.

3 MR. JONES: Yeah, I think stepping back more
4 broadly, these strategies and recommendations aren't
5 binding and don't drive a forced action. The -- the
6 requirement you spoke about, Linda, is for utility-owned
7 properties, and Parcel P is not owned by the utility,
8 it's leased. It's owned by Eureka Energy and it's not
9 subject to the tribal policy, so that tribal policy is
10 required on first route refusal for things like the
11 energy education center and all of the properties that
12 are to the north. When I showed that original map as
13 slide one tonight on my presentation, I didn't go over
14 this, but everything outlined in gold is owned by the
15 utility, and then everything in the sea foam green is
16 owned by that unregulated affiliate called
17 Eureka Energy, so they're different.

18 Unfortunately, there are many different
19 regulatory processes across different parcels on the
20 facility. Lastly, for any repurposing, if the asset
21 sits on the Eureka dirt but was paid for by customer
22 funds, let's just say the warehouse, the CPC has a
23 proceeding called an 851 proceeding, and they have to
24 determine that our desire to have a disposition of the
25 asset to a third party is in customers' interests, and

1 those revenues, that component of that deal, goes back
2 to rates to offset the cost of operating utility. So
3 customers get something out if they put something in.

4 MS. VANASUPA: Thank you.

5 MS. STROUD: Thank you, Tom.

6 MR. ANDERS: Dena and then Seeley and Kara and
7 Dave.

8 MS. BELLMAN: Thanks, Chuck. Thank you --

9 MR. ANDERS: I'm going to jump in here a
10 minute real quick, and obviously, Linda Seeley has been
11 on the panel since its inception in 2018, we lovingly
12 call her Linda. But now we have two Lindas with the new
13 appointment of Linda Vanasupa. So the ladies have
14 agreed that Linda Seeley would prefer to be called
15 Seeley, as many of her friends call her, and
16 Linda Vanasupa would prefer to be called LV as many of
17 her friends call her. So that's our protocol from this
18 point forward.

19 So Seeley and then LV -- or -- who's next
20 anyway, Kara. Go ahead, Seeley -- oh, Dena.

21 MS. BELLMAN: Thank you, Danna, so much for
22 that. I really was not that familiar with the time
23 frame of this process, so thank you. I am wondering, is
24 it a public process or is it an internal research
25 analysis? What -- what is the process going to be?

1 MS. STROUD: Yeah, utilizing services of a --
2 of a consultant to assist us with it, we would
3 anticipate that we would build on some of the previous
4 public engagement opportunities as well as provide the
5 public for some input on -- on the development of the
6 strategy. It is not necessarily required, per se, to --
7 to be like an official public hearing or some -- or
8 anything like that, but recognizing the great engagement
9 that the community has had over the course of time as we
10 would anticipate that there will be opportunities for
11 public participation, public review, public input as --
12 as this gets developed.

13 MS. BELLMAN: Great, thank you so much.

14 MR. ANDERS: Thank you, Dena.

15 Seeley.

16 MS. SEELEY: Thank you, Anders.

17 Okay. This may -- this may also be like a
18 question you can't answer but I -- it's like a strange
19 kind of parallel universe or something that -- are you
20 talking about the -- your assumption is that the plant
21 will shut down in 2030 and then GO-Biz will have -- be
22 able to go and do its biz or are you -- how -- I don't
23 understand this whole thing. It seems like unrealistic
24 or not -- we're talking about so many different things
25 at the same time that I don't see how you could make any

1 kind of a -- a credible plan whatsoever, but correct me
2 if I'm wrong.

3 MS. STROUD: No, that's a fair question. Let
4 me -- let me provide a quick clarification. GO-Biz --
5 can you hear me okay? Sorry, I'm getting a note that my
6 internet is unstable. Can you hear me all right?

7 MR. JONES: We can hear you fine. We can hear
8 you fine.

9 MR. ANDERS: We can hear you fine.

10 MS. STROUD: Okay, thank you. In the middle,
11 I might shut off my video just to preserve the internet
12 stability. Mobile hot spots, you know.

13 GO-Biz is not in the business of operating any
14 facilities or operating any companies, if you will.
15 GO-Biz serves as the state's lead agency around economic
16 development opportunities, providing assistance to
17 businesses and companies that are looking to locate in
18 California and working very operatively with our
19 communities around the state to assist with their
20 economic goals that they've established at the local
21 level. So there is not an intent out of the box for
22 GO-Biz to be operating anything as -- as this moves
23 forward. The -- and there -- I would also add that
24 there are people on this call that have much more
25 insight that I'm sure that they're willing to share as

1 well. But just briefly, as a result of the announcement
2 that came from PG&E for the closure and the time -- the
3 time line for the closure, there was great concern
4 raised around how does the county and the region as a
5 whole, how are we -- how is the region going to either
6 recover or sustain itself due to the loss of some jobs
7 that -- with the closure of Diablo?

8 So there was great, you know, questions asked,
9 well, what -- what do we do and is there an opportunity
10 to utilize specifically Parcel P as part of a broader
11 economic development strategy? So realizing that over
12 the course of time since the announcement and where we
13 are today and where things are moving to future, what we
14 would be looking at is exploring what are those options
15 for potential re-use. Susan's DEIR had some great
16 concepts; the panel itself has had some ideas and some
17 history attached to it. The friends of Diablo Canyon
18 has theirs, Reach has theirs, Cal Poly has ideas, there
19 are multiple ideas running around in there.

20 I think what the intent is is to explore these
21 ideas, the feasibility of some of these ideas, and start
22 to land on those that may be most implementable, most
23 feasible, and aligning with some of the other emerging
24 opportunities that are coming out such as the
25 consideration of the role of offshore wind and clean

1 energy and other elements to be considered. So this is
2 really grounded in what happens when Diablo closes and
3 those jobs that are very well-paying jobs in the region
4 right now, what happens if those disappear? Is there
5 the potential to take that Parcel P specifically and
6 look at opportunities for economic growth and job
7 creation using that infrastructure that's there at
8 Parcel P?

9 So that's -- that's a bit of a history and a
10 background, and I recognize that there are -- there are
11 so many variables that are attached to this but really
12 starting to, you know, identify some true conceptual
13 ideas, run through some feasibility scenarios, and start
14 to generate some direction that might be of interest for
15 the region to consider pursuing. Certainly in
16 partnership and consideration with what PG&E's -- you
17 know, what their future looks like as well as the region
18 as a whole and the changes that the region is going
19 through as it relates to some of these additional
20 emerging industry sectors.

21 Ms. Seeley, does that provide some incite?
22 And I'd certainly turn to Tom and Susan and even Kara
23 for that matter, and Scott, you all have been there from
24 the beginning, you may have something that you'd like to
25 add to that.

1 MS. SEELEY: This is Seeley, and I appreciate
2 what you just -- that clarification, thank you.

3 MR. ANDERS: Thank you.

4 Linda, does that answer or address your
5 question? Thank you.

6 Kara and then Dave.

7 MS. WOODRUFF: Yeah, I wanted to provide just
8 a little bit of background information that might be of
9 interest. In 2022, SB 846 was passed, and that is the
10 bill that extended Diablo's license or ability to
11 potentially extend its operations until 2030 which is a
12 five-year extension, and that's the only extension that
13 has been authorized by the legislature to date. Many
14 things were required under SB 846, and one of them was
15 that the California Natural Resources Agency had to
16 prepare a report. It was called the Diablo Canyon Power
17 Plant Conservation and Economic Development Plan, and so
18 last year, the Natural Resources Agency came to town,
19 they had a public process, and they in fact developed
20 this plan which talked about not only Parcel P but also
21 the 12,000 acres of Diablo Canyon lands that surround
22 it.

23 In that plan, they came up with five
24 conclusions, what they called values. Value one was
25 conservation and -- of the ecological and culture

1 resources on the 12,000 acres. That means North Ranch,
2 South Ranch, and Wild Cherry Canyon. Value 2 was tribal
3 ownership of North Ranch and South Ranch. Value 3 was
4 manage public access on the Diablo Canyon lands
5 including potential coastal trail extensions. Value 4
6 was enabling the re-use of Parcel P, and value 5 was
7 state park's ownership of that last piece of the
8 Diablo Canyon lands, Wild Cherry Canyon.

9 So of those five values, what we're talking
10 about today is value number 4, the potential re-use of
11 Parcel P. And in fact, last year's budget included a
12 five million-dollar allocation for GO-Biz to do the
13 project that Danna has described well here today. The
14 other values, 1, 2, 3, and 5 are the subject of a
15 separate five million-dollar allocation that went to a
16 different state agency, the California Coastal
17 Conservancy. And if you recall, last September we had
18 agency representatives from the Coastal Conservancy and
19 they talked about their work under their five
20 million-dollar allocation, and that includes drafting
21 conservation easements that would cover all
22 12,000 acres, not counting Parcel P, preparing maps for
23 potential coastal trail locations, conducting public and
24 tribal outreach, and also completing the pre-acquisition
25 tasks for the acquisition of Wild Cherry Canyon like

1 doing a title report, an environmental site assessment,
2 and some appraisals.

3 Fortunately, what Danna says is true, it's
4 what I'm hearing, too, from Sacramento, is that these
5 both \$5 million, one that went to GO-Biz and the
6 5 million that went to Coastal Conservancy seemed to
7 have survived the latest budget crisis because I think
8 they were allocated last year. So both of these
9 projects will move forward.

10 In the case of the State Coastal Conservancy's
11 \$5 million allocation, they already issued an RFQ, they
12 already had three different contracts be submitted, and
13 I think they've conducted some tribal outreach on those
14 projects and contracts that have been -- those bids that
15 have been made, and probably in the next month or so, we
16 will probably know what contractor has been selected to
17 do that piece which is, again, the Diablo Canyon lands.
18 This piece is a little bit different schedule but
19 thanks, Danna, for describing that, thanks.

20 MS. STROUD: Yeah. And Kara, if I could add
21 to that, if I could just add to Kara, and I appreciate
22 that, CNRA drafted that report back to the state
23 legislature in consultation with GO-Biz also. We
24 provided additional content that went into that steady
25 that was delivered last -- last summer to the

1 legislation -- or to the legislature. So we've been --
2 because of SB 846, we have been connected with CNRA and
3 we have regular check-ins with them also tracking kind
4 of these two parallel processes, one a little farther
5 along than the other, but we are hoping to catch up
6 and -- and get our work under way shortly.

7 MR. ANDERS: Thank you, Danna.

8 Dave, you had a question?

9 Thank you, Kara.

10 MR. HOUGHTON: I know we're running a little
11 late, so I'll try to keep it really quick. My question
12 started out as a new-guy question, which was basically
13 what are you doing with all this? And it's been
14 quite -- mostly answered now by your answer to Seeley's
15 question, and then Kara, that's really helpful, what you
16 just described there. So the RFP that you're putting
17 out, is that to spend the five million dollars or is it
18 to contract, to hire a consultant to figure out how to
19 spend the five million dollars? And so I'll leave it at
20 that.

21 MS. STROUD: Yeah, great question. The five
22 million is intended to support the study, the potential
23 re-use study, which would include contracting with
24 consultant outside sources to come in and assist with
25 drafting that and doing some research and -- and due

1 diligence on potential re-use. So yes, it's retaining
2 services of outside consultants and, you know,
3 expenditures on potential research needs that would go
4 into this as well. So it's not --

5 MR. HOUGHTON: You're mostly looking at the
6 issue of job replacement and not looking at the tax --
7 tax-based replacement?

8 MS. STROUD: That is certainly a factor and a
9 consideration, but primarily on the job creation and
10 industry sector growth opportunity.

11 MR. HOUGHTON: Okay, thanks.

12 MR. ANDERS: Any other questions of Danna?

13 Well, thank you, Danna, you can get back on
14 the road, and we really, really appreciate your taking
15 the time to stop on your travels and participate in the
16 meeting.

17 MS. STROUD: No, thank you for the time, and I
18 appreciate you allowing me to get back on the road, and
19 happy to answer any questions you might have following
20 tonight's wrap up of the meeting, and if you need to get
21 ahold of me, Susan and Kara have my contact information
22 as do you, thank you.

23 MR. ANDERS: Great, thank you, and safe
24 travels.

25 MS. STROUD: Thanks.

1 MR. ANDERS: Okay, we've come to our public
2 comment portion of the meeting. So first we'll have the
3 folks here in the room who'd like to comment to come up
4 to this microphone, and you have three minutes to make a
5 comment. We ask you to stay on focus and on topic and
6 we'll give you a 30-second warning before your three
7 minutes are up. So how many folks here would like to
8 comment? Come on up. And how many do we have online?
9 We have four online right now. So if anyone online
10 would like to comment, please raise your hand on the
11 Zoom system.

12 I forgot to say, when you do comment, please
13 state your name, your residence, any affiliation you
14 might have if you're speaking for an organization or a
15 group, and also, for the help of our court reporter,
16 would you please spell your name. Thank you.

17 MR. KENNEY: Randy Kenney, R-A-N-D-Y
18 K-E-N-N-E-Y. Native of Atascadero. I'm the second
19 generation with three more behind me. I don't have any
20 specific affiliation with anybody. I have worked at
21 Diablo Canyon since 2000, mainly doing the refueling
22 outages. And from way back then, there's always been
23 this vision or rumor, whatever, that when Diablo closes,
24 it's going back to natural turf and just how mother
25 nature left it or made it to begin with or as close as

1 they could, and that's the reason that I came because I
2 was going to ask about this repurposing. And that place
3 has so many opportunities for different types of things,
4 and I do have a couple of questions, one to Scott.

5 I think you mentioned earlier about some
6 demolition being taken place prior to possible future
7 work. Do you know what that demolition consists of
8 and/or what buildings are going to be demoed or did I
9 miss -- misread it?

10 MR. LATHROP: I don't think I spoke anything
11 this evening about demolitions, so I'm sorry.

12 MR. KENNEY: Okay, I thought you did. I
13 probably missed this because I came a little bit late,
14 but does any -- was there talk about the administration
15 building, what they plan on repurposing that for, any --
16 any idea? I mean, I realize that this thing is very,
17 very vague at this point in time and who knows what
18 the -- what the -- is going to happen in hopefully 25
19 years. So I'll take that as --

20 MS. BELLMAN: I'll speak to that a little bit,
21 just real quick, and let you know that I'm very grateful
22 that you're here tonight, and that's exactly the type of
23 input that we're looking for, people that are
24 questioning that there's opportunities on the website
25 and through our future meetings and workshops to

1 continue to potentially have some input and participate
2 in what that future is. Right now, nothing is certain
3 and nobody knows what anything's going to be, but that's
4 what this is all about, is trying to get together, what
5 the community wants, and to be able to put -- you know,
6 have some input on that as to what Diablo may do with
7 that in the future. So thank you for being here and --

8 MR. SEVERANCE: And just to tag on, you didn't
9 miss anything about disposition of the administration
10 building.

11 MR. KENNEY: Okay.

12 MR. SEVERANCE: Tonight.

13 MR. KENNEY: Yeah, well, thank you for
14 allowing me to be here, and like I say, the -- I don't
15 know if you people have had the opportunity to actually
16 be at the plant, be in the plant, see the plant, but
17 it's a -- it's a wonderful piece of machinery that even
18 me as a 50-something-year tradesman, I just get in some
19 of those areas and I just look around and I see -- I see
20 pipe fitting, I see electrical, I see communication, I
21 see iron work, I see drains, I see -- and it just --
22 it's just an amazing -- what really is amazing is that
23 place was built with a slide rule and a pencil long
24 before all these overlays and all of that stuff came
25 out. So thank you very much for my time, I've got 13

1 seconds left I gave you, bye-bye.

2 MR. ANDERS: Thank you. Our next speaker,
3 please. And just a matter of protocol, we'll try to
4 answer any questions after the speaker speaks, and
5 potentially if they're complex questions, after all the
6 speakers have an opportunity to speak, we'll discuss
7 that.

8 MR. DURAN: Good evening, name is
9 Jonathan Duran, J-O-N-A-T-H-A-N D-U-R-A-N. I am a
10 representative with the Western State's Regional Council
11 of Carpenters, Local 805. That covers the Ventura,
12 Santa Barbara, San Luis Obispo area. For us, as a
13 tradesman, Diablo's been a great place to find work.
14 Recently, we just had a -- one of the shutdowns, we had
15 about 60 carpenters out there, mill rights, and as I
16 said, other trades out there. The one thing that -- as
17 I was listening to you guys speak about this is
18 opportunity for repurpose the property. That's great,
19 that's fine. But also include the people that are
20 actually going to build those facilities out there.
21 Include skilled and trained work force, include
22 accredited apprenticeship programs, include a livable
23 wage, because we all know here in San Luis Obispo
24 county, Santa Barbara county, Ventura county, it's
25 expensive.

1 And being a tradesman, it's a good living.
2 And it's an opportunity for us to be able to have a
3 middle class and have an opportunity to provide for our
4 families out there. Roughly in the area of -- the area
5 that I represent is about 2,000 members, and great
6 opportunity. And as we're -- as we come through this
7 opportunity for this project -- and like I said, we're
8 looking at offshore wind, we're looking at the vista
9 storage battery, and we're looking at all these other
10 opportunities to be able to provide work for our members
11 within these counties and looking at the next generation
12 of carpenters. So as we're doing that, we're also
13 trying to include, hey, opportunities for students that
14 are going to be going not to a four-year university but
15 to another four-year university and that's in the
16 trades, and they'll have an opportunity to be able to
17 work with your hands, have opportunities for
18 second-chance individuals, women, people that are coming
19 out of being incarcerated. And those will allow people
20 to go and be able to live within the county and go back
21 and put the money back in to the area that we live.

22 Again, I've been out at Diablo, it's a
23 phenomenal facility, it's very, very unique to be able
24 to go out there and look at that facility and just kind
25 of like tucked away up in those hills. But at the end

1 of the day, what we're looking for is just the
2 opportunity to be able to have a conversation with
3 GO-Biz and have the players here and be able to kind of
4 go hey, think about the individuals that are going to be
5 building these facilities that if it does trig, be
6 turned on, hey, we're the ones that are going to be
7 there being able to build those new facilities, those
8 new trails, whatever it might be, but include the
9 trades, include especially us, the carpenters, and but
10 again, thank you so much for your time, thank you.

11 MR. ANDERS: Thank you. Next speaker. If
12 there's any other speakers here in the audience, please
13 queue up.

14 Go ahead, sir.

15 MR. BROWN: All right. My name is Ben Brown,
16 B-E-N B-R-O-W-N. I'm trying to make it as easy as
17 possible for the court reporter. I live out on
18 O'Connor Way, west of San Luis Obispo, on a family
19 ranch. I'm also the president and co-founder of a small
20 energy storage start-up. And I wanted to speak towards
21 some of the planning to potentially reuse the space as a
22 clean energy hub and a place for innovation and clean
23 energy. I think that would be tremendously beneficial
24 for the county as a whole.

25 This county is becoming an epicenter for clean

1 energy between the offshore wind, the Carrizo Planes
2 solar panel plants, and various storage facilities that
3 have been mooted in Morro Bay, off Hollister Peak, and
4 the Whale Rock pump storage hydro. It'd be really nice
5 if this county got to benefit from the innovations in
6 clean energy and the good jobs that came with that in
7 addition to just being the site of industrial scale
8 facilities for clean energy. I think it would be lovely
9 to build on the history of Diablo Canyon and the power
10 and the good jobs here by us also becoming a center of
11 innovation. So I hope that the re-use plans that
12 involve the clean energy parks and research are
13 considered very heavily.

14 Alternatively, it would be lovely to see that
15 land preserved as natural and open space being some of
16 the last undisturbed natural space on this coast. I'm
17 speaking on behalf of myself and my family who have
18 loved and lived in San Luis Obispo for much of their
19 lives. Thank you for your time and your service.

20 MR. ANDERS: Thank you, sir.

21 I think that's all the speakers we have here
22 in the room. We have two online speakers with their
23 hand up. Our first is Marty Brown, and followed by
24 Ryan Pickering.

25 MS. BROWN: Marty.

1 MR. ANDERS: Go ahead, Mr. Brown, go ahead,
2 Marty.

3 MS. BROWN: I'm Marty Brown, and I've lived
4 in -- M-A-R-T-Y B-R-O-W-N, and I've lived in Atascadero
5 since 1972. And my -- I was concerned about the safety
6 aspects of Diablo Canyon with the earthquake risks and
7 the evacuation plans if necessary. I have a comment and
8 a question to make. My comment is the redevelopment of
9 Parcel P plans after decommissioning are very exciting
10 and will serve our county well, a lot to look forward
11 to. And my question is if PG&E is successful in getting
12 Diablo Canyon's operating license extended to 20 years,
13 that will add significantly to the high level nuclear
14 waste on site. Would that affect the repurposing of
15 Parcel P? That is my question. Thank you.

16 MR. ANDERS: Thank you, Marty. We'll have the
17 opportunity to discuss that after our public comments.

18 So the next speaker is Ryan Pickering. Ryan,
19 are you with us?

20 MR. PICKERING: Yes, thank you.

21 MR. ANDERS: Great. Ryan, please go ahead.

22 MR. PICKERING: My name is Ryan Pickering, and
23 I'm an energy policy researcher in Berkeley, California.
24 I've been following the evolution of Diablo lands and
25 the plan for repurposing, and I want to continue to

1 bring stakeholder attention to the tribal land transfer
2 policy and the application from Yak Tityu Tityu Yak
3 Tilhini tribe. And my question for the group is what
4 are we doing to continue to center tribal agency as
5 plans for the extension of the -- of the plant continue
6 and do -- does a plan to continue operations change the
7 dynamic in which the land could be repurposed back to
8 the tribe? Thank you.

9 MR. ANDERS: Thank you, Ryan.

10 Our next speaker is Mona Tucker.

11 Mona?

12 MS. TUCKER: Good evening, everyone. My name
13 is Mona Tucker, M-O-N-A T-U-C-K-E-R. I'm the tribal
14 chair for Yak Tityu Tityu Yak Tilhini Northern Chumash
15 tribe of San Luis Obispo county and region, and we --
16 everything that happens at Diablo lands is of special
17 interest to our tribe as this is land that was stolen
18 from us, it was taken. We were removed violently from
19 there, there was no compensation or agreement.

20 I do have a question tonight about the
21 offshore substations. Will there be three offshore
22 substations? And then regarding the onshore
23 substations, it appears there will be three, will they
24 run along the coastline as say from north to south,
25 taking up a lot of the -- destroying a lot of the

1 coastline area? Thank you.

2 MR. ANDERS: Thank you, Mona.

3 Do we have any other members of the public
4 that would like to make a comment online? Please raise
5 your hand.

6 Yes, we have -- and we're struggling with the
7 first name, but the last name is Cans. Are you there?

8 Yeah, Sayshol Cans, we can't hear you. If
9 you're speaking, maybe you need to unmute your mic.

10 So we still can't hear you. Please try to
11 unmute your mic.

12 We're not able to hear you, I really
13 apologize. If you would, you can make a written comment
14 to the panel, all the panel members will receive it, and
15 it will become part of the public record by going to
16 Diablo Canyon Panel dot org and clicking "make comment"
17 in the upper right hand corner. So we apologize for the
18 technical problem.

19 Any other members online that would like to
20 make a comment?

21 Corey Walsh? Unmute your mic and you can
22 start speaking, Corey.

23 Hold on just a minute. Can you please unmute
24 your mic? See if that's the problem.

25 MR. WALSH: No, this is Corey Walsh. I didn't

1 have any questions, thank you.

2 MR. ANDERS: Okay, thank you. Looks like
3 that's -- Anthony Fresco. Go ahead and speak, please.
4 Anthony Fresco? We -- we can't hear you.

5 Go ahead and maybe unmute your -- unmute your
6 mic.

7 MR. FRESCO: Yeah, can you hear me now?

8 MR. ANDERS: Oh, there we are, we can hear
9 you.

10 MR. FRESCO: Yeah, my background is I used to
11 work --

12 MR. ANDERS: Anthony, you must have two
13 sources on. If you're listening on your phone and your
14 computer, please turn one of them off.

15 MR. FRESCO: Yeah.

16 MR. ANDERS: Anthony, all we're hearing is a
17 huge echo. We apologize, but please turn one of your
18 electronic devices off or on mute.

19 MR. FRESCO: Is that better?

20 MR. ANDERS: Yes -- no, unfortunately not.

21 MR. FRESCO: Yeah, I don't know what's going
22 on. I'm sorry.

23 MR. ANDERS: I apologize. We -- this isn't
24 working. We can't hear you. All we hear is an echo
25 once you start talking. So we're going to ask you to

1 also go to the website, Diablo Canyon Panel dot org, and
2 please click "comment" in the upper right hand corner
3 and submit a written comment. Sorry for the technical
4 difficulties.

5 Anyone else, raise their hand.

6 Okay, that ends our public comment period.

7 All the public comments will become part of the record,
8 and you can view those comments after the transcript is
9 completed in about 3 weeks on the panel website.

10 Panel, there were a number of issues or
11 questions that were raised during the public comment.
12 Does any of the panel members want to address those
13 questions or have any questions or comments of their
14 own?

15 Bruce and then Kara.

16 MR. SEVERANCE: Yes, I wanted to respond to
17 Mona Tucker's comment as well as Ryan Pickering. And I
18 just think that there's a great deal of sensitivity on
19 the panel, I can't speak for everybody, but I've
20 certainly heard a lot of the discussion around respect
21 for what tribal leadership wants to do with the land,
22 and I think everybody really desires outcomes where the
23 YTT is -- is given a great deal of jurisdictional say
24 in -- in what happens to the preservation of lands, and
25 I know from -- I'd say Mona Tucker is now a friend.

1 We've worked on some projects together, and I have
2 nothing but confidence in the integrity of -- of her
3 views regarding preservation of the land and having
4 minimal impact on it.

5 So I don't know the answer to the question
6 about the substation impacts, but I think the answer you
7 would get from technical people -- and if there are any
8 still on the line, I would invite them to jump in -- is
9 that it's going to depend on the design, but one would
10 hope that the offshore substations would not be, you
11 know, 20 feet offshore and that they would be
12 appropriately located and that anything that's onshore
13 would land at Parcel P or elsewhere and not on the open
14 lands that I think most people feel should be preserved
15 in a way that is sensitive to that purpose.

16 And also, too, you know, I just -- I wanted to
17 acknowledge what you said about -- what Mona said about
18 the land being stolen without compensation, and I think
19 that's something that everybody in this room should
20 remember. And if we knew the details of those stories
21 and the cries of the people as they're being, you know,
22 ripped away from their historic communities, you know,
23 one can only imagine the anguish that occurred in that
24 historical context, and we should be sensitive to what
25 tribal leadership wants to do with this land. And

1 that's -- I mean, that's my opinion, and I think many
2 people here would share that opinion.

3 Scott is -- I think plays a very central role
4 here, and everybody here really respects what he has to
5 say, and he's -- he's a tribal leader and Mona Tucker's
6 cousin, so he's -- comes to all the meetings and I think
7 he knows there's an open line. Anybody he wants to
8 call, we're all willing to listen. So I just wanted to
9 address those two questions that came up.

10 MR. ANDERS: Thank you. We have Kara and then
11 we have Scott. Billinton has his hand up and may have
12 an answer to one of the substation questions. And then
13 Frances Romero, one of the panel members, also wants to
14 make a comment, and then Scott.

15 So Kara.

16 MS. WOODRUFF: I wanted to respond to
17 Jonathan Duran, thank you for your comments. The
18 biggest job that will be associated with Parcel P may
19 end up being decommissioning the plant itself. We don't
20 know when that will occur, maybe it will be in 2030, but
21 we know it's a decade-long project plus involving
22 thousands of jobs. And we have spoken to this in the
23 strategic vision for the panel, which is on our website,
24 Diablo Canyon Panel dot org, and if you look through
25 that document, you'll see that we prioritize the hiring

1 of local people to do that decommissioning work as well
2 as project labor agreements. So I just wanted to
3 mention that, we agree with what you're saying.

4 And then secondly, for Ben Brown, I just
5 wanted to mention that local economic development group
6 Reach has prepared sort of the basic outlines for the
7 green tech innovative proposals that you've mentioned
8 you envision for Parcel P, and you may want to check out
9 their website and see what they've said, because I think
10 you -- you and Reach's view of the world are very much
11 in sync and then backed with the community, too, because
12 that Reach plan was prepared in consultation with
13 Cal Poly, a lot of environmental groups, trade groups,
14 et cetera. So I think what you're thinking is in sync
15 with what the community is as well. Thanks.

16 MR. ANDERS: Thank you, Kara.

17 Jeff Billinton and then Frances Romero and
18 then Scott Lathrop.

19 MR. BILLINTON: Yeah, I'll just be brief and
20 just kind of respond to the comment. There will be --
21 there will be floating substations out by the offshore
22 wind farms, so those will be out by where those colors
23 are designated, approximately 20 miles offshore. And
24 then there will be a need, as I indicated, for
25 substations and they will depend upon the technology

1 that each of the developers use when it comes on land
2 and then to bring it to -- to the system substation. So
3 the comment was correct, there would be three in the
4 floating, but they'll be out by where the wind farms are
5 as collectors and then a -- basically a transition
6 depending upon the technology onshore from each of the
7 wind farms and then to the transmission infrastructure
8 like the Diablo substation, so I hope that helps.

9 MR. ANDERS: Thank you, Jeff.

10 Frances Romero, one of our panel members who's
11 participating remotely.

12 Frances.

13 Frances, we can't hear you. Is your mic on
14 mute?

15 MS. ROMERO: My bad. Chuck, thank you so
16 much. I just wanted to take the opportunity to say
17 thank you to each and every person who has taken the
18 time out to participate, both the members of the public
19 and the presenters. And I just wanted to quickly echo
20 that I agree with Bruce Severance. Mona, I've got to
21 say that there are many of us who have the same view
22 that you do, and we really do appreciate Scott. I would
23 also like to point out that given the wind time lines --
24 my day job, I'm a land-use consultant. I've worked
25 doing coastal commission permitting, county permitting,

1 city permitting, entitlements, and a variety of things
2 over the last 25 years.

3 The time lines that we're currently looking at
4 for wind, there's no imminent danger that anything's
5 coming online really soon, so I -- I am supportive of
6 PG&E's efforts to extend their licensing because we
7 certainly don't want any gaps in energy production or
8 provision. And a lot of the technology, the green
9 technologies, either don't exist yet or they haven't
10 been perfected yet because they've not actually been
11 implemented.

12 It's not as though day one everything's going
13 to work great. I'm -- I grew up with the Space program.
14 My dad worked for Jet Propulsion Laboratory, and there
15 are a lot of starts and stops when you're dealing with
16 new technology. So I know everybody's anxious, but I
17 think we all have to temper that with some patience and
18 just look forward to the next meeting. There's going to
19 be a lot of ground to cover, a lot of discussions, and
20 just want to thank everybody for their time.

21 MR. ANDERS: Thank you, Frances.

22 Scott.

23 MR. LATHROP: Yes, I would just like to maybe
24 drill down a little bit more about Parcel P in general
25 as far as a receiving site for substations. My

1 understanding is that the county zoning, of course,
2 would allow that to happen and the surrounding
3 properties of Parcel P are not zoned for such a thing.
4 If it winds up being that through all the analysis that
5 they cannot put, I want to say, those substations on
6 Parcel P, I would assume the county's not thinking about
7 a rezoning of the other properties to allow a station to
8 go into place. I would assume they would go to one of
9 the options and put everything into Morro Bay and then
10 try to do a transmission line over to I want to say
11 Diablo.

12 So I'm just concerned about potentially
13 substations winding anywhere else on the Pecho Coast
14 other than Parcel P. So I don't know if Susan, you're
15 still around, but I don't know if there's been any
16 discussion of that out there.

17 MS. STRACHAN: Hi. No, that's a good
18 question, Scott. There hasn't been discussion. We just
19 recently, I think, got our arms around the fact that
20 there are these additional substations that are going to
21 be required, and I think what we need to do is just see
22 where the -- the leaseholders apply and we'll have to go
23 from there. But I understand your concern about going
24 beyond what's -- what the land is zoned for for those
25 substations.

1 MR. LATHROP: Thank you.

2 MR. ANDERS: Thank you, Susan, Scott.

3 Next comment, Seeley.

4 MS. SEELEY: Thank you.

5 This is a question for Jeff. There is a lot,
6 a lot, lot, lot of public, what would I call it,
7 opposition, I guess, to building offshore wind here,
8 and -- excuse me -- I don't know enough about it to
9 be -- to be able to make, you know, a judgment about it,
10 but some of the concerns that I've heard from other
11 people is about high frequency ultrasonic testing being
12 done from boats to scope out the area and that that
13 testing is very harmful to aquatic life, and I'm just
14 wondering if -- number one, if that's part of it, of the
15 scoping. And I won't ask about the other part. Just is
16 that part of the plan?

17 MR. ANDERS: Is that a question for Jeff?

18 MR. BILLINTON: Yeah, it's Jeff here. I'm not
19 sure I'm qualified to answer in terms of when you're
20 looking at kind of the environmental or the -- as
21 they're doing their siting. That would be probably,
22 unfortunately, if Matthew was still on from BOEM,
23 something that would be for a question. So if you
24 had -- if you have a question about that, I would
25 probably --

1 MS. SEELEY: Sorry, I was confused. I meant
2 Matthew.

3 MR. BILLINTON: Yeah, no worries.

4 MS. SEELEY: Yeah, you wouldn't know that.
5 Okay, thank you.

6 MR. ANDERS: Matt, and then we have a question
7 from Tom.

8 Is Matt still on the line? He may be gone.

9 So I don't think he's with us anymore.

10 Tom, you have a question or comment. Tom --

11 MR. JONES: Yeah, a comment. Just going back
12 to Scott Lathrop's comment about zoning change. Scott,
13 a zoning change might not be required in other areas to
14 still accept electrical infrastructure, so the team's
15 taking a look at it right now, and we'll confer with
16 Susan, but there are allowable uses under the land use
17 ordinance for different activities given a certain
18 jurisdiction -- or excuse me, a certain zoning
19 determination. And we have substations in ag that is on
20 land across the county and across many counties. So I
21 don't want the panel to think that just because
22 something's zoned differently than Parcel P that it
23 might not be an allowable use already. The county has
24 public information on that. We're taking a look up on
25 the room right now and we'll see if we can grab it real

1 quick, but we'll follow up with the county and answer
2 that back to the panel.

3 MR. LATHROP: Thanks for that clarification.

4 MR. ANDERS: Thank you, Tom.

5 Go ahead, Bruce.

6 MR. SEVERANCE: Tom, would you elaborate on,
7 you know, responding to Mona Tucker's concern and
8 Scott's concern as well regarding whether or not
9 substations would start punctuating the landscape and
10 what would be preserved lands? You think that would
11 happen?

12 MR. JONES: Well, what I think what we've
13 heard from the experts is that it's a physical
14 requirement of the systems. But what we don't have are
15 designs, and none have been presented to PG&E and none
16 have been presented by regulators, and it doesn't have
17 to be at one location. You saw different layouts of how
18 things could make landing, but what we did hear, the
19 technologies might influence it, and I -- I think
20 they've got out a question, too, that we don't know that
21 it's scalable. So we don't have a really good thumbnail
22 sketch or a rule of thumb of what the impacts could be
23 at this point.

24 MR. SEVERANCE: That sounds very open ended.
25 Is there -- could you make --

1 MR. JONES: It's intended to be, because we're
2 not the developers and we don't design it. So that's --

3 MR. SEVERANCE: I'm sure that they'll be
4 speaking to PG&E at some point, so you've got a mental
5 note on what their sensitivities are where that's
6 concerned. I appreciate your making a note of that.

7 MR. ANDERS: Okay. Thank you, Bruce.

8 We have a comment from Dave and then the last
9 question or comments from Kara.

10 Dave.

11 MR. HOUGHTON: Yeah, there was a question that
12 came up from the public comment, I don't recall exactly
13 who it was, but it was about the continued operation of
14 Diablo Canyon, if it goes on for another 20 years, to
15 what extent would the storage of the high level waste in
16 the casks preclude the development scenarios that we're
17 all kind of excited about. And I think I know -- this
18 is a question for Tom, I believe, but I think I -- I
19 assume the answer is, well, the ISFSI is there either
20 way, there's capacity to handle continued operation, so
21 I don't think it's that much of a factor.

22 Would you agree with that, Tom?

23 MR. JONES: Yeah, with a couple
24 qualifications. So yes, we do see co-use as occurring,
25 we anticipate fuel storage will be there, and if you

1 think about the site's characteristics, the upper
2 plateau's over 300 feet in elevation and very different
3 from the areas that are principally sought after for
4 repurposing, which is the power plant bluff, the 85-foot
5 elevation, the marina, and some of those parking lots
6 that vary between where our fire station is at around a
7 120-foot elevation all the way down to the marina.
8 Those areas don't interact with one another, and we're
9 going to be putting our video back online. We have to
10 update some wording on it because it talks about us
11 closing in 2025.

12 But the video shows ISFSI's around -- dry cask
13 storage facilities around the United States and their
14 proximity to communities and public access, and they're
15 not incongruous. Our Humboldt Bay facility, the dry
16 cask storage facility, has a public trail of 51 feet
17 away from it, and then Santa "nofreyz," one of the
18 stronger examples, it's one of the busiest state parks,
19 with 1.5 million visitors a year, and visitors are
20 adjacent to that facility. So certainly, it's something
21 that future occupants will be aware of, but our location
22 with the gradient separation from 85 to 300 feet, and we
23 look at traffic, circulation, think embassy-style gates,
24 so someone couldn't go up the hill, that's how we would
25 shrink. I think Susan's slide, also, tonight, I think

1 if you revisit that slide deck showed those same
2 elevations. Because we're not just going to be in the
3 dry cask storage business, potentially the water
4 business. But they'll have the transmission and all
5 that infrastructures at that upper elevation.

6 MR. HOUGHTON: Okay, thanks. And then we're
7 getting near the end here, so just a comment of
8 appreciation for this process. This is my first meeting
9 being part of you guys and the panel and the public and
10 the comments and the experts. This is a great process,
11 and I'm really pleased to be a part of it, thank you.

12 MR. ANDERS: Thank you, Dave.

13 Kara, for our last comment or question, then
14 we have to move on if you want to adjourn on time.

15 MS. WOODRUFF: Thank you. Just a quick
16 comment. There's been discussions about potential
17 onshore substation activity beyond Parcel P, maybe even
18 on the Diablo Canyon lands. But I want to refer to what
19 we talked about earlier, which is the California Natural
20 Resources Agency and GO-Biz put together this
21 conservation and economic development plan, and part of
22 that specifically states conservation of the 12,000
23 acres, which is North Ranch, South Ranch, and Wild
24 Cherry Canyon. And in fact, the Coastal Conservancy is
25 on the eve of preparing conservation easements across

1 those lands, and I'm pretty sure they would include
2 restrictions on future industrialized uses, so maybe the
3 zoning would be more flexible for those substations that
4 we're envisioning now, but the conservation easements
5 may not be so flexible. Thanks.

6 MR. ANDERS: Thank you. Let's move on in the
7 agenda, and our last item is discussion of upcoming
8 panel meetings.

9 Dena Bellman.

10 MS. BELLMAN: Sure, thanks.

11 So again, my thanks to everyone who's here and
12 sticking it out with us tonight. Thank you so much for
13 your participation and we really appreciate your
14 comments and questions, we take them to heart. We
15 appreciate you online, we appreciate you here in the
16 facility with us today. We look forward to seeing you
17 at these future meetings. This summer we're going to be
18 looking at long-term spent fuel management. In the
19 fall, we're going to have a status report on safety
20 issues that were raised by some community members, and
21 this winter, we will be looking towards the
22 Diablo Canyon final environmental impact report. So
23 that's what we kind of have on deck for the rest of our
24 year, and we hope that you all are here with us. Thank
25 you.

1 MR. ANDERS: Thank you, Dena.

2 Bruce, I'll turn it back to you to close the
3 meeting.

4 MR. SEVERANCE: Yeah, I assume there's no
5 other closing comments from members? Yeah, thank you.

6 I wanted to thank all the members of the
7 public for participating in person and online, the
8 speakers for giving us their time and the value of their
9 expertise. I want to thank the City of Atascadero for
10 giving us the venue this evening and all the facility
11 support that has come with that, the Atascadero Police
12 Department for providing security, the PG&E
13 Diablo Canyon emergency response unit for medical
14 emergency support, PG&E's meeting support team, the
15 Independent Living Resource Center for Hearing
16 Interpretation, AGP Video for managing the Zoom meeting
17 and video recording, and Lexitas Reporting for court
18 reporting and preparing the meeting transcript.

19 I also want to remind the public that comments
20 can be given to -- directly to the Diablo Canyon Panel
21 at Diablo Canyon Panel dot org, and video recordings and
22 written transcripts with meeting slides will be
23 available on the panel website should you want to refer
24 to them in the future. Thank you very much.

25 (Adjourned at 9:00 p.m.)

1 STATE OF CALIFORNIA)
) SS.
 2 COUNTY OF SAN LUIS OBISPO)


3

4 I, JAHMY ALVAREZ, Official Certified Shorthand
 5 Reporter of the State of California, County of San Luis
 6 Obispo, do hereby certify that the foregoing pages
 7 numbered 1 to 118, inclusive, contain a full, true and
 8 correct transcript of my shorthand notes, and a full,
 9 true and correct statement of the proceedings had and
 10 testimony given as reflected herein.

11 Dated this 12th day of June, 2024.

12

13



14

 JAHMY ALVAREZ, CSR
 Certificate No. 14094

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<hr/> \$ <hr/>	1st 79:7	28th 3:12	44:13,14,21 45:4 46:22 47:2,5,7,18 48:6,10 53:18 55:11 60:3 61:9 69:16,24	ability 64:15 87:10
\$10 38:8	<hr/> 2 <hr/>	<hr/> 3 <hr/>	51 114:16	AC 48:6,10 53:4 55:15,22 56:3 58:18,19,23
\$400 9:12	2 16:4 33:20 88:2, 14	3 28:13 57:14 74:16 88:3,14 103:9	525 33:23 35:18, 19	accept 111:14
\$5 89:5,11	2,000 96:5	3,000 42:16	<hr/> 6 <hr/>	access 14:18,22 46:4 88:4 114:14
\$50 37:23	2,500 46:1 69:25	3,100 42:16,22	6 70:22,25	accessed 23:20
\$700 4:23	2.2 12:8 70:23	3-gigawatt 69:21	60 16:12 43:13 95:15	accessible 73:17
\$757 31:19	20 15:11,12,23 16:14,20,21,23,24 17:3,14,17 42:11 55:4 99:12 104:11 106:23 113:14	3.8 12:8 69:7 70:4,24	66 52:21	accommodate 10:18 15:11 38:20,25 41:4 45:13,25 74:11
<hr/> 0 <hr/>	20-year 5:1 15:9, 14,18 16:3,18 42:10,17 74:7	30 10:16 11:15 16:21 55:5	<hr/> 7 <hr/>	accommodated 11:16 45:15 69:18
0 37:23	200 28:14	30-second 92:6	700 48:14 53:1	account 80:19
<hr/> 1 <hr/>	2000 92:21	300 114:2,22	750 6:9 20:11	accounted 69:11
1 79:9 88:14	2018 3:14 4:17 82:11	32 10:16	7:50 75:18	accredited 95:22
1.5 114:19	2021 4:18	32,000 9:15	<hr/> 8 <hr/>	accurately 16:19
1.6 43:18	2022 31:16 40:8,9 87:9	320 53:8,9 56:3	8 23:16	acknowledge 104:17
10 16:25 73:6	2023 18:19	345 53:18	800 53:2	acquire 30:12
10's 55:4	2025 114:11	35 65:18	805 95:11	acquisition 88:25
100 41:6	2028 33:20	<hr/> 4 <hr/>	846 4:19 16:10 17:11 76:2,19,20 87:9,14 90:2	acre 20:11
11 13:12	2030 65:18 83:21 87:11 105:20	4 88:5,10	85 41:22 114:22	acreage 56:6
115 43:12	2035 41:21	40 16:13 55:5 73:6,23	85-foot 114:4	acreages 48:9
12 38:25 67:19	2045 35:13 37:15	<hr/> 5 <hr/>	851 81:23	acres 6:9 11:13, 15 37:24 38:17 66:12 67:20 87:21 88:1,22 115:23
12,000 87:21 88:1,22 115:22	21/22 44:6	5 67:18,21 88:6,14 89:6	8:15 75:17	act 7:23
12-acre 48:13 67:21	23 78:8	5,300 42:17	8:30 75:17	action 81:5
120-foot 114:7	23/24 42:15	5,400 42:18	<hr/> 9 <hr/>	actions 32:10
13 94:25	230 8:12 20:4 21:24 44:13,25 52:24 55:11	5.3 44:8,25 45:17 69:10,12,15,19,25	9:00 117:25	active 23:19 31:21
130 57:10 73:5	25 35:13 37:15 93:18 108:2	5.4 49:13	<hr/> A <hr/>	activities 4:21 5:14 7:11 10:22 14:15 19:12 23:2 25:2 28:3 33:11, 14,16 111:17
138 52:24 55:12 57:10,11	26 78:1,3	50 42:17	AB 33:23 35:18, 19	
15 51:2 79:9	275 52:23 53:2,17	50-something- year 94:18		
150 38:23 43:14	287 47:15,18	500 8:11 20:3 21:25 43:9,25		
17 37:1				
18 77:25				
19-month 77:25				
1972 99:5				

activity 20:17 115:17	88:16,18 100:4 115:20	American 22:24 32:6,17	answers 12:18, 20 27:9 40:3	approvals 7:25 31:9,10 43:4
actual 64:1 72:1	agenda 3:17 27:2,4 116:7	amount 12:15 15:22 37:17 63:7 67:1	Anthony 102:3,4, 12,16	approve 33:11
add 78:18 84:23 86:25 89:20,21 99:13	aggregate 44:8 74:23	amounts 11:22 42:21	anticipate 78:22 83:3,10 113:25	approved 7:14 35:4 65:25
addition 11:10 34:23 35:14,20 98:7	AGP 117:16	amphitheater 21:15	ants 53:23	approves 79:5
additional 9:15 15:22 29:5 44:21 45:1,4,12 55:17 56:17 59:20 60:21,23 74:12,18 86:19 89:24 109:20	agree 106:3 107:20 113:22	analyses 33:12, 15	anxious 108:16	approximately 16:25 45:25 69:7 75:16 106:23
address 10:3 16:17 33:15 87:4 103:12 105:9	agreed 57:4 59:1 82:14	analysis 17:2 18:22 29:24 35:14 44:3,4 76:3 80:19 82:25 109:4	anymore 111:9	April 64:14
addressed 4:16 71:9	agreement 8:14 55:21 100:19	analyze 33:6	anything's 94:3 108:4	aquatic 110:13
adjacent 38:18 114:20	agreements 106:2	anchored 28:25	apologies 76:12	archeological 22:25
adjourn 115:14	ahead 8:17 27:21 49:21 82:20 97:14 99:1,21 102:3,5 112:5	and/or 21:24 71:24 93:8	apologize 36:24 76:9,11 101:13,17 102:17,23	area 6:9,20,24 7:2,3,7,11,12,17 20:5,7,22 23:8 30:2 32:24 34:4 37:9 38:10,17 42:3,7,13 43:1,7, 8,11,14,18,23 44:8,14,15,21 45:6,14 46:7 48:22 54:14 60:16 61:16 70:3 72:25 73:17 74:20,24 78:7 95:12 96:4, 21 101:1 110:12
advised 4:16 71:9	ahold 91:21	Anders 3:9,11 6:17 11:4 12:25 13:24 15:1,6 16:6 17:20 18:11 23:22 24:16 25:5 26:18, 24 39:12 49:6,21 50:17 51:7 59:6 63:6 66:3 67:5 68:23 69:2 71:6 74:2 75:1,20 76:6 80:14 82:6,9 83:14,16 84:9 87:3 90:7 91:12, 23 92:1 95:2 97:11 98:20 99:1, 16,21 100:9 101:2 102:2,8,12,16,20, 23 105:10 106:16 107:9 108:21 110:2,17 111:6 112:4 113:7 115:12 116:6 117:1	appeal 7:15	areas 7:16,18,21, 24 20:10,11 22:8 28:17 31:17 33:5, 17 42:4,7,20 56:9, 22 71:16,19 72:8 94:19 111:13 114:3,8
adjourned 117:25	air 22:3 72:15	anguish 104:23	appears 100:23	Arizona 9:14
administration 22:16 93:14 94:9	AIS 52:9 56:15 58:19	announced 33:19	applicant 25:11	arms 109:19
advance 76:9	aligned 41:5	announcement 85:1,12	application 13:14 15:24 100:2	arrays 28:24
advantage 13:19,22 14:16	aligning 40:16 85:23	annual 41:9	applied 5:1 15:9, 14 16:17,24 17:17 74:7	arrow 5:19,20
adviser 76:23	alignment 80:5		apply 15:18,19 16:3 17:14 64:6 109:22	aspect 26:17 61:20 62:2
affairs 22:15	aligns 79:24		appoint 15:18,19 16:3 17:14 64:6 109:22	aspects 99:6
affect 99:14	allocated 89:8		appointment 82:13	Aspen 25:13
affected 79:3	allocation 88:12, 15,20 89:11		appraisal 72:11	assembled 36:10
affiliate 81:16	allowable 111:16,23		appraisals 89:2	assess 35:10 44:6
affiliation 92:13, 20	allowing 91:18 94:14		appreciation 115:8	
ag 111:19	alternative 44:23		apprenticeship 95:22	
agencies 17:12, 19 30:20 31:8 39:7 64:19 65:20	Alternatively 98:14		approach 9:6	
agency 32:6,15 84:15 87:15,18	alternatives 50:8 74:21,22		appropriated 78:2	

assessing 65:4	63:15 64:11	52:6 58:23 69:15	biggest 9:9 105:18	box 37:9 38:7 84:21
assessment 30:13,18 32:3,5 37:1,13 61:19 62:23,24 63:17 64:12 89:1	authorized 87:13	basic 28:21 106:6	bill 76:2 87:10	break 69:11 75:2, 6,17
assessments 30:5	average 33:24 66:15	basically 20:1 22:1,8 28:11 30:11 34:17 37:1 40:16 46:3,6 47:16 48:1 52:22 63:22 90:12 107:5	Billinton 39:19, 24 49:17 50:1 60:2,13,24 67:7 68:1 69:15 70:10, 20,25 71:4 74:14 105:11 106:17,19 110:18 111:3	breaking 14:14 59:13
asset 81:20,25	avoidance 33:6	basin 45:4	binding 81:5	breakwater 9:11
assets 4:17 5:1, 12 9:1,13	awaiting 33:22	battery 13:8,18 22:3 96:9	bit 6:5 8:19 15:8 18:14 19:10 28:2 34:9 37:20 39:2 52:2 67:19 77:2 86:9 87:8 89:18 93:13,20 108:24	briefing 3:20
assist 77:16 83:2 84:19 90:24	award 26:6 77:22	bay 5:13 13:7 23:8 30:5,23 33:5 42:2,5,13,20,23 43:8,23 44:21 53:13 54:13,19,23 59:18,20,25 60:3, 7,9,11,17,22 61:16 62:10,13, 16,19 69:12,24 98:3 109:9 114:15	biz 83:22	briefly 85:1
assistance 84:16	aware 79:13 114:21	beach 5:23 10:24 53:12 54:14 65:8	Blazek 27:15,22, 25 61:23 62:12,21 64:9 65:21 68:2, 17 71:12,15,25	bring 13:19 40:1, 16 47:2,9 67:10 100:1 107:2
associate 75:25	B	begin 30:21 31:11 77:24 92:25	blue 20:2,17,18, 21 29:24 37:8 38:7 42:15 57:12	bringing 71:17
assume 63:25 109:6,8 113:19 117:4	B-E-N 97:16	beginning 86:24	bluff 114:4	broader 10:23 79:16 85:10
assuming 64:8 67:2	B-R-O-W-N 97:16 99:4	behalf 27:24 98:17	board 41:11,13 43:21 50:9 77:4	broadly 81:4
assumption 83:20	back 10:4 40:8 43:10 46:4 68:21 70:1 76:16 81:3 82:1 89:22 91:13, 18 92:22,24 96:20,21 100:7 111:11 112:2 114:9 117:2	behest 16:16	boards 17:7	broken 29:13
Atascadero 4:7 9:22 92:18 99:4 117:9,11	background 14:25 76:9,11 86:10 87:8 102:10	Bellman 82:8,21 83:13 93:20 116:9,10	boats 110:12	Brown 97:15 98:23,25 99:1,3 106:4
Atlantic 51:14 52:18 57:9	bad 107:15	Ben 97:15 106:4	BOEM 27:17 28:1 29:11,12,18,25 30:18 32:20 33:3, 21,24 34:10,14, 21,23 35:4,9 37:13 64:10,18 67:25 68:9,11 71:11 110:22	Bruce 2:8 3:9,20 5:7 10:4 11:4 27:5 59:10 69:3 71:6 103:15 107:20 112:5 113:7 117:2
atmospheric 22:16	badge 14:18	beneath 68:5	BOEM's 27:24 28:5 30:5 32:21 33:1 34:5 71:17 72:7	brushed 62:15
attached 85:17 86:11	badges 14:21,23	beneficial 97:23	bona 9:25	budget 79:3,5 88:11 89:7
attend 2:25	balance 53:23 55:17 56:17 57:25 58:24 70:24 73:14	benefit 98:5	bottom 21:6 51:17 52:18	build 12:10,15 50:14 83:3 95:20 97:7 98:9
attendance 75:8	ballparks 63:4	Berkeley 99:23	boundary 6:21	building 3:2 7:20 18:5 20:16 23:18 52:19 72:17 93:15 94:10 97:5 110:7
attending 3:1,4	bandwidth 64:15	bid 50:10		buildings 22:8, 17 25:23 38:14 93:8
attention 100:1	Barbara 95:12,24	bids 30:12 31:20 89:14		built 16:13 35:3 41:4 43:25 74:8 94:23
auction 30:9,11, 13 31:16	base 42:14,15 43:2,5 45:13 49:24 50:4,6 74:17	bifurcating 7:5		bulk 22:1
audience 97:12	based 19:2 25:21 36:21 38:22 43:4 45:13 47:22 50:6	big 37:16 57:22		Bureau 27:15
August 77:10,19, 21		bigger 73:23		busiest 114:18
authorities 65:2				
authorization 29:11,13 31:15				

business 2:6 75:23 76:23 84:13 115:3,4	34:16 47:8 81:16, 23 82:14,16 87:16,24	captured 33:14	charge 17:5,7,9 18:6	117:5
businesses 84:17	calls 17:11	care 26:20	chart 29:12	closure 85:2,3,7
button 13:4	Calso 39:20	carpenters 95:11,15 96:12 97:9	chase 10:18	CNRA 78:8 89:22 90:2
bye-bye 95:1	campground 21:3	Carrizo 98:1	cheaper 39:2 62:13	co-exist 14:15
C	camping 21:7,8, 9,20	carry 47:22	cheapest 38:5	co-founder 97:19
cabins 21:4,5,14	campus 6:7	case 4:3 41:12 89:10	check 14:25 62:12 106:8	co-located 14:13
cable 34:23 47:14 52:23 53:3,9,10, 11,14 54:10,13, 19,20,24,25 55:8, 14 57:2,3,11,12 58:11,13 59:2,4	candidate 37:10	cases 53:25 54:17 55:5 56:11, 14	check-ins 90:3	co-use 8:21 14:3, 8,18 26:17 113:24
cables 29:4,5 35:1,2 46:19 47:5, 15,25 52:20 67:11,12	candidates 37:6	cask 20:6 114:12, 16 115:3	Cherry 88:2,8,25 115:24	coast 14:13 22:15 28:11 31:22 32:16 34:16 35:24 42:2, 5 43:5,7 51:14,16 66:9 73:5 80:1,7 98:16 109:13
cabling 59:16,22 61:21	Cans 101:7,8	casks 113:16	chose 8:4	coastal 7:6,13, 14,15,19 13:13 34:1 88:5,16,18, 23 89:6,10 107:25 115:24
Cal 2:20 8:16 10:23 11:25 12:18 20:25 34:8 39:20, 22 85:18 106:13	canyon 3:11,19, 24 4:4,19 5:12 6:22 12:8 16:12 19:4,5 21:14 23:10 24:2 34:4 37:9,21 38:6,15, 20 69:8,13 70:23 76:21 85:17 87:16,21 88:2,4,8, 25 89:17 92:21 98:9 99:6 101:16 103:1 105:24 113:14 115:18,24 116:22 117:13,20, 21	catch 90:5	Chuck 3:7,11 25:7 27:24 82:8 107:15	coastline 17:10 100:24 101:1
calendar 24:8	Canyon's 99:12	category 10:13	Chumash 20:19 100:14	codes 53:20
California 5:3 7:19,21 9:12 17:17 27:19 28:11 30:16 31:15,17, 21,22,23,24 32:2, 23 33:17,20,22 35:11,18,23 37:2, 14 39:4,19 40:6,7 62:23 65:1 72:9 77:4 84:18 87:15 88:16 99:23 115:19	capabilities 42:25 45:10 47:6 48:2	cattle 14:19 72:10	circuit 54:3	coexisting 12:13
California's 34:7 35:19 37:15 39:16	capability 44:25 54:1 61:1 69:22 70:6	CEC 40:19	circulation 114:23	coincidence 9:23
call 13:1 30:1 31:2 42:3,4,20 47:25 52:19 53:12 82:12,15,17 84:24 105:8 110:6	capacities 16:11 45:10 48:22	center 4:20 5:19 6:2 20:19 22:14, 17 81:11 98:10 100:4 117:15	city 9:22 56:9 72:20 108:1 117:9	collaborate 33:21
called 7:18 18:17	capacity 4:25 12:7 16:12 39:16, 17 43:2,24 46:6 47:23 49:14 59:21 60:22,23,25 69:7, 8,12 70:23 73:8 74:10,12 113:20	Centers 34:1	civil 2:19,21	collaboration 22:7
	Cape 42:6	central 23:7 31:18,24 32:16,23 42:2 43:7 79:25 80:6 105:3	clarification 84:4 87:2 112:3	collaborative 34:12 40:6
	capital 10:25	ceremonies 23:1	clarify 49:11	colleague 80:25
		cetera 14:10 106:14	class 96:3	collect 33:25
		chair 100:14	clean 19:23 20:12,13 22:7 85:25 97:22,25 98:6,8,12	collected 67:13
		challenging 73:12	clever 21:17	collectively 25:17
		Chandrashekhar a 50:23	click 23:19 103:2	collectors 107:5
		change 100:6 111:12,13	clicking 101:16	college 6:7
		changed 76:25	close 9:7 55:10 58:15 74:11 92:25 117:2	color 21:15 37:4
		characteristics 114:1	closed 72:17	colored 20:10,11 22:8
		characterization 30:21	closes 49:15 86:2 92:23	
			closing 114:11	

colors 106:22	77:13 78:22 80:8	concern 85:3	connected 43:12	24 107:24
column 30:14,24	83:9 94:5 106:11, 15 116:20	109:23 112:7,8	44:16 53:4 55:22	consultants
columns 37:3		concerned 66:10	56:1 90:2	77:16 91:2
63:16	community's	99:5 109:12 113:6	connecting	consultation
combination	27:6	concerns 13:7	40:14 44:13 48:20	89:23 106:12
26:15 55:25 60:1	community-led	110:10	53:17 57:2 69:22, 23,24	consultations
combined 15:23	78:10 79:18	concise 63:9	connection	33:12
16:1 24:20	companies	concludes 23:21	48:18 58:25	consulting 78:19
comfortably	30:10,11 64:6	conclusion	Conservancy	consults 29:19
56:23	84:14,17	37:12	88:17,18 89:6	contact 49:4
comment 27:1	company 5:11	conclusions	115:24	91:21
29:21 68:13	14:24 51:1	87:24	Conservancy's	contamination
75:12,15 77:9,10	compared 38:5	concrete 52:12	89:10	72:24 73:1
92:2,3,5,8,10,12	59:3	concurrent 4:21	conservation	contemplates
99:7,8 101:4,13, 16,20 103:2,3,6, 11,17 105:14	compensation	condenser 54:3, 4 56:1 58:6 73:15	19:6 87:17,25	9:18
106:20 107:3	100:19 104:18	condensers	88:21 115:21,22, 25 116:4	content 89:24
110:3 111:10,11, 12 113:8,12	competition	55:23 56:18	consideration	context 41:7
115:7,13,16	4:25	conduct 33:24	71:10 79:23 85:25	104:24
comments 13:2	competitive	conducted 35:15	86:16 91:9	Continental
24:11 26:21 27:21	50:14	89:13	considerations	28:6,13
99:17 103:7,8,13	completed 52:3	conducting 30:9	9:10 14:3,7 79:4	contingent 24:22
105:17 113:9	78:23 103:9	88:23	considered	continue 8:20
115:10 116:14	completing	conducts 30:3	13:21 65:13 86:1	33:24 94:1 99:25
117:5,19	77:25 88:24	confer 111:15	98:13	100:4,5,6
commercially	complex 59:13	conference	consistent 40:21	continued 4:19, 24 10:11 24:21
57:8	95:5	21:19 22:10	93:7	69:9,14 113:13,20
commission	component	confidence	constrain 71:14	continuing 33:21
6:13,21 7:14,15, 19,21 9:3 40:7,8	20:17 40:18 48:18	104:2	62:18	contract 26:6
41:1 72:9 107:25	61:6 82:1	confident 80:4	constrained	77:22,24 90:18
commitment	components	confirmation	56:11	contracting
76:15	28:21 36:9,14,15 40:11	74:6	constraint 58:22	90:23
communicate	computer 102:14	confused 63:13	71:19	contractor 89:16
32:11	concept 20:24	111:1	constructed	contractors
communicating	21:23 22:23 23:2, 11	confusion 49:10	36:20	66:16
70:12	concepts 17:23	conjunction	constructing	contracts 89:12, 14
communication	18:17,21,23,24	64:17	31:11	contributing
30:17 32:4,6,16, 18 94:20	19:2,9,12,17,20	connect 29:6	construction	34:10
communities	20:9 21:2 22:20	43:10,18 44:20	29:17 30:25 31:1, 5 33:8 35:2 38:2,9	contribution 3:3
84:19 104:22	23:13 24:19 25:1, 10,17,21,24 26:5, 7 85:16	46:1,4 53:14	63:3,21,23 64:1, 17 65:18,25 66:25	control 5:22,25
114:14	7 85:16	54:19 55:3,19	68:16	14:17 17:15 57:20
community 16:3	conceptual	60:4 61:5	consultant 77:23	
20:19 22:25 75:25	86:12		78:20 83:2 90:18,	

61:8	Council 68:3 95:10	crisis 89:7	56:3 58:12,18	34:14 35:21 117:12
controlled 20:8	counties 96:11 111:20	criteria 50:13	de 6:1	depend 60:15 67:9 104:9 106:25
controls 17:4	counting 88:22	Crowfoot 78:9	deal 40:6 82:1 103:18,23	dependent 52:9 58:17
convening 34:16,18,21	county 3:2 7:9 17:25 18:5 23:5, 18 25:10,13 26:3 71:24 85:4 95:24 96:20 97:24,25 98:5 99:10 100:15 107:25 109:1 111:20,23 112:1	CSU 10:23	dealing 21:3 108:15	depending 44:9 48:22 50:12 61:7 67:17,21 107:6
conversation 97:2	county's 7:13 19:11 24:3 109:6	CTE 38:25	decade-long 105:21	depends 10:14 46:17 55:1 56:7, 20 64:21,23 65:22 67:14 73:17
conversations 9:3,21	couple 3:4 8:4 9:21 15:20 49:24 71:9 93:4 113:23	cultural 22:22	December 31:16 40:9	depicts 13:15
convert 48:6 61:13	court 92:15 97:17 117:17	culture 87:25	decision 18:23 33:10 68:7	deployment 37:15
converted 13:18	cousin 105:6	cup 21:2	deck 115:1 116:23	depth 38:24
converter 48:3,5, 15 54:7 56:20,22 58:4 61:13 67:20	cove 10:10 20:18 21:8,10	customer 81:21	decommission 6:22	deputy 75:25
converter-based 53:6	cover 3:7,8 88:21 108:19	customers 9:11 82:3	decommissione d 25:22	desal 25:3
conveyance 23:4	covers 4:8 95:11	customers' 81:25	decommissionin g 3:12 7:25 12:3 17:24 18:18 19:4 31:4 78:11 99:9 105:19 106:1	desalination 20:20 23:3 24:21
cooling 17:6	CPC 81:22	cut 54:17	deemed 37:5,7, 10	describe 29:22
cooperation 8:25	CPUC 40:22 42:21 50:2	cycle 41:12	deep 10:16 33:15	describing 23:15 89:19
coordinates 29:18	CPUC's 48:24	<hr/> D <hr/>	deeper 68:21	design 11:20 31:2 52:5,6,8 56:8,20 58:10,17, 18,22 73:18 104:9 113:2
COP 31:2,10 33:12,13,15 35:3	create 4:25	D-U-R-A-N 95:9	defer 26:8 70:18	designated 42:4 106:23
COP's 33:9	created 25:10,12 36:15 77:2	D.C. 2:7	DEIR 85:15	designed 43:15 47:21
Corey 101:21,22, 25	creating 64:17 69:23	dad 108:14	Del 42:6	designs 52:24 53:8 54:2,6 56:12, 15,21,23 58:23 73:15 112:15
corner 8:8 19:24 21:6 101:17 103:2	creation 86:7 91:9	danger 108:4	delay 77:5	desire 15:20 81:24
correct 25:11 26:2 49:17,18 59:23 60:2 61:22, 23 64:9 71:3,15 74:13 84:1 107:3	credible 84:1	Danish 51:1	deliver 29:8	desired 9:17
correspond 22:21	credit 9:9	Danna 26:9 75:22 76:4 80:14 82:21 88:13 89:3,19 90:7 91:12,13	delivered 89:25	desires 103:22
cost 35:15 38:8 60:11 61:18 62:11 82:2	Creek 16:24	data 33:25	demoed 93:8	destroying 100:25
costly 9:15	crew 10:16 38:21	date 79:2 87:13	demolition 38:13 93:6,7	detail 23:15 24:25
costs 37:23 38:12 39:2 60:14	crews 36:21	Dave 2:15,18 12:23,25 13:25 15:2 71:7 74:2 82:7 87:6 90:8 113:8,10 115:12	demolitions 93:11	
	cries 104:21	day 17:13 68:18 97:1 107:24 108:12	Dena 80:16 82:6, 20 83:14 116:9 117:1	
		Dayna 26:9	department 2:21 3:3 4:5 18:5 33:18	
		DC 45:3 53:9,10		

details 52:13 104:20	7,23 74:10,15 76:21 78:10 85:7, 17 86:2 87:16,21 88:4,8 89:17 92:21,23 94:6 96:22 98:9 99:6, 12,24 100:16 101:16 103:1 105:24 107:8 109:11 113:14 115:18 116:22 117:13,20,21	discharge 17:11	33:23 66:21 68:8, 12 78:14	economic 19:11 20:17 75:24 76:20 77:7 79:16,18 80:8 84:15,20 85:11 86:6 87:17 106:5 115:21
determination 111:19		discretionary 7:11,25	drafted 89:22	economically 28:9
determine 35:15 41:3,10 50:7 81:24		discuss 27:12 95:6 99:17	drafting 88:20 90:25	education 81:11
determined 28:24 35:1 39:3 44:7 63:1	Diablo's 12:9 69:19 87:10 95:13	discussed 10:22 13:8 39:15	drains 94:21	effect 16:1
develop 40:22 46:19 48:23 50:7 65:24	diagonal 7:3	discussing 72:22	drastic 79:8	effective 70:2
developed 19:1, 2 74:13 83:12 87:19	diagram 29:10 44:24	discussion 78:25 103:20 109:16,18 116:7	drew 19:12	effectively 69:19 74:19
developer 46:18 61:7	diagrammatic 59:12	discussions 8:6 39:6 46:12 108:19 115:16	drill 108:24	efficiency 62:20
developers 42:18 47:13 61:11 107:1 113:2	diagrams 59:16, 19	disposition 81:24 94:9	drive 81:5	efforts 8:9 34:12 108:6
developing 34:15 52:1	dictated 58:11	distance 47:3,22	dropped 70:5	EIR 9:17 18:18 19:16 22:2 23:14, 20 24:8,15 78:14
development 13:13 19:11 20:14,24 28:5 43:17 50:3,10 51:13,21 64:25 75:24 76:21 77:4, 7,16 83:5 84:16 85:11 87:17 106:5 113:16 115:21	difference 43:6 49:23 51:20 58:21 60:17 62:9,11	distances 45:3 47:6 60:17	dry 20:6 114:12, 15 115:3	elaborate 112:6
developments 35:8	differential 61:18	distribute 77:9, 10,19	due 10:1 85:6 90:25	Electric 5:11
devices 102:18	differently 111:22	District 5:24	Duran 95:8,9 105:17	electrical 29:7 94:20 111:14
Diablo 3:11,19,24 4:4,19 5:12 6:22 8:7 11:16 12:7,8 16:12 17:24 19:4, 5 23:10 24:2 34:4 37:9,21 38:6,15, 20 43:9,25 44:9, 20 45:2,4,5,11,14, 16,22,24 46:2,4, 16 47:19 49:15 59:17,25 60:4,7, 11,18,21 61:4,15 62:10,13,19 69:8, 13,17,18,22 70:2,	differing 11:22	division 18:4	duration 16:24	electronic 102:18
	difficult 72:25	Divya 46:10 50:23 59:6 61:8 75:2	Dylan 3:21,23	elementary 80:18
	difficulties 103:4	docks 38:23	dynamic 47:25 54:1 100:7	elements 86:1
	diligence 10:1 91:1	doctor 59:21	duration 16:24	elevation 114:2, 5,7 115:5
	direct 71:11 80:24	document 19:6 32:9 105:25	dynamic 47:25 54:1 100:7	elevations 115:2
	directed 69:5	documents 3:18 68:5 78:6,15	E	elevators 4:3
	direction 86:14	dollars 90:17,19	eagerly 33:22	email 10:3
	directly 38:18 81:2 117:20	domes 20:16	earlier 23:7 69:6 78:4 79:12 93:5 115:19	embarked 32:11
	director 5:10 39:21 75:25 78:7	door 4:1,2	early 11:21 77:10, 18,21,23	embassy-style 114:23
	dirt 81:21	dot 3:19 24:2 57:14 101:16 103:1 105:24 117:21	earthquake 99:6	emergencies 4:6
	disabuse 15:16	download 24:1	easements 34:24 88:21 115:25 116:4	emergency 4:1 117:13,14
	disappear 86:4	draft 17:23 18:7, 18 19:16 23:16	easily 14:11	emerging 80:6 85:23 86:20
			east 14:12 33:5 51:16 66:9 73:5	employee's 14:25
			eastern 75:4	
			easy 97:16	
			echo 102:17,24 107:19	
			ecological 87:25	

employees 14:24	environment 16:13	eventual 63:3	experts 112:13 115:10	factor 60:9,10 62:5 71:13 91:8 113:21
enabling 88:6	environmental 5:10 13:13 17:2, 24 18:4,7,16 19:14 24:4 29:20 30:3,5 31:6 33:4, 11 54:15,16 68:3, 11 89:1 106:13 110:20 116:22	eventually 57:21	expiration 15:22	fair 74:8 84:3
enacting 17:18	environmentally 28:8	everybody's 108:16	expire 78:3	fall 10:12 53:12 54:11 68:12 76:22 77:1 116:19
enclosed 72:15, 17	envision 12:12 106:8	everything's 108:12	explore 85:20	falls 34:6 71:17
encumbered 9:2	envisioning 116:4	evolution 99:24	exploring 85:14	familiar 30:22 82:22
end 24:14 27:9,13 39:13 41:9 49:4,7 59:5 64:14 67:19 77:20 78:3 96:25 105:19 115:7	epicenter 97:25	examples 114:18	export 52:23 53:2,9,10,11,14 54:10,20,24 55:8, 14 57:11,12 58:11,13 59:4	families 96:4
ended 31:19 112:24	Equinor 31:24 32:23 65:16	exceed 15:23	express 9:25	family 97:18 98:17
ends 103:6	Equinor's 64:13	exceeding 16:14	extend 87:11 108:6	farm 13:8 28:22 29:18 31:11 46:18,19 48:19 51:24 52:1,16,25 57:7,18,24 60:16, 18
energy 13:15 16:17 17:16 20:14 21:21 22:4,5,7 23:8 27:16,25 28:7 29:3,12 30:1 31:15 34:14 35:13,22 40:7 51:3 81:8,11,17 86:1 97:20,22,23 98:1,6,8,12 99:23 108:7	equipment 53:23 55:17 56:13,18 58:1,24 73:14	excellent 27:7 75:3	extended 24:13 87:10 99:12	farmers 29:19
Energy's 35:21	essentially 13:17	excess 5:2	extends 28:13	farms 29:11 60:18 67:12 106:22 107:4,7
engaged 64:21	established 84:20	excited 113:17	extension 5:1,3 15:10,15,18,19 17:1 74:7 87:12 100:5	farther 90:4
engagement 3:12,13 19:4 32:9 78:22 83:4,8	establishes 29:25	exciting 99:9	extensions 88:5	feasibility 35:14 85:21 86:13
engineer 2:19	estimate 67:3	exclusive 7:4,9, 19 24:20	extent 113:15	feasible 56:14 85:23
engineering 2:21	estimated 35:15	excuse 26:9 110:8 111:18	executed 77:24	features 38:14
enhancements 45:18	Eureka 81:8,17, 21	executed 77:24	exist 108:9	February 78:8
enjoy 17:9	evacuate 46:7	existing 20:20 21:16 23:3 35:10, 16 37:2,18 38:13, 24 39:4 43:9 44:10,17 46:5 61:15 69:12,13 78:6	existing 20:20 21:16 23:3 35:10, 16 37:2,18 38:13, 24 39:4 43:9 44:10,17 46:5 61:15 69:12,13 78:6	federal 28:23 29:19 30:20 31:8 34:12 39:6
ensure 55:18,19 79:22	evacuation 99:7	exit 4:1	exit 4:1	feedback 11:3
enter 30:13	evaluate 74:19	expand 43:19 65:9 74:23	expand 43:19 65:9 74:23	feel 80:4 104:14
entire 23:20 35:24	evaluated 16:22	expansion 20:20	expansion 20:20	feet 10:16 38:23, 25 48:14 66:12 104:11 114:2,16, 22
entitlements 108:1	evaluating 18:20	expecting 63:19 65:17	expecting 63:19 65:17	fide 9:25
	eve 115:25	expenditures 91:3	expenditures 91:3	fields 13:18
	evening 3:5,22 5:9 12:19 75:22 76:12,17 93:11 95:8 100:12 117:10	expensive 36:8 38:3 62:16 95:25	expensive 36:8 38:3 62:16 95:25	figure 39:8 69:10 90:18
		experience 51:2	experience 51:2	
		expert 12:17	expert 12:17	
		expertise 117:9	expertise 117:9	
			fact 14:11 87:19 88:11 109:19 115:24	
			fact 14:11 87:19 88:11 109:19 115:24	
			F	
			fabrication 31:3 36:13 65:11	
			facilitating 10:9	
			facilitator 3:11	
			facilities 4:12 5:25 6:6 8:23,25 23:9 48:8 50:11, 15 84:14 95:20 97:5,7 98:2,8 114:13	

figured 62:23	focus 80:8 92:5	frequent 10:19	generating 31:19 74:24	50:9
figures 19:9 22:21 25:19	focusing 26:1 51:12	Fresco 102:3,4,7, 10,15,19,21	generation 44:20 92:19 96:11	grab 111:25
final 24:15 26:20 78:25 116:22	folks 3:15 5:16 10:3 14:18 80:21 92:3,7	fresh 23:4	generator 46:16	gradient 114:22
finalization 33:23	follow 68:3 112:1	friend 103:25	geological 28:7	grant 14:23
finalized 32:17	follow-up 12:5	friends 19:5 82:15,17 85:17	George 3:22,23	granted 16:18,23 63:18
finally 29:4 30:24 33:3 36:17	footprint 11:18 52:14 56:12,16,19 58:6 73:4,7,16,21 79:17	front 4:20 5:23 14:21	geothermal 41:25	grants 65:9
find 43:4 65:24 95:13	force 30:1 77:4 95:21	fuel 113:25 116:18	gigawatt 41:22 43:18 44:8,25 45:14 69:10 70:24 74:16	grateful 93:21
findings 17:18	forced 81:5	full 12:10	gigawatts 12:6, 11 35:13 37:16 49:13 69:7 70:22, 23	gravity 22:4
fine 84:7,8,9 95:19	forecasting 40:20,21	fully 58:1 74:8 79:13	GIS 52:9 56:11,15 58:19,20 72:17	great 14:16 15:1 26:12 51:11 76:8 80:14 83:8,13 85:3,8,15 90:21 91:23 95:13,18 96:5 99:21 103:18,23 108:13 115:10
finished 15:4,5	forgot 92:12	funded 35:10 37:13	give 6:18 9:20 14:16 16:11 25:1 40:4 51:23 52:11 58:20 69:11 92:6	greater 38:24 79:25
fire 4:4 114:6	fork 57:7,17	funding 76:3,19 78:2 80:19	giving 117:8,10	green 7:12 20:22 21:15,25 37:6 81:15 106:7 108:8
firing 21:16	formal 9:1	funds 81:22	GO-BIZ 26:1,10 75:24 76:19 78:20 79:2 83:21 84:4, 13,15,22 88:12 89:5,23 97:3 115:20	grew 108:13
fiscal 78:3	format 3:14	future 27:18 33:8, 15,17 35:11 85:13 86:17 93:6,25 94:2,7 114:21 116:2,17 117:24	GO-Biz's 76:2	grid 11:10 43:18 48:21 53:20,22 54:3,5 55:19 61:6 73:13 74:20
fisheries 32:7,15	fortunate 39:18 50:22 75:22	fortunately 89:3	goals 35:13 41:6 84:20	ground 14:14 108:19
fit 13:9 56:23 79:18	forward 25:24 26:2,10,13,16 39:11 42:12 77:6 82:18 84:23 89:9 99:10 108:18 116:16	forwardly 89:3	gold 81:14	grounded 86:2
fitting 94:20	found 32:19 37:13 38:11,17	found 32:19 37:13 38:11,17	Golden 31:24 65:16	groundwork 78:23
five-minute 75:17	four-year 96:14, 15	four-year 96:14, 15	good 2:1 3:22 5:9 68:1 69:1 70:8 95:8 96:1 98:6,10 100:12 109:17 112:21	group 92:15 100:3 106:5
five-point 74:23	frame 16:19 19:6 38:22 62:21 63:4 82:23	frame 16:19 19:6 38:22 62:21 63:4 82:23	governor 79:6	grouped 22:21
five-year 5:3 33:19 87:12	frames 64:25	frames 64:25	Governor's 75:23	groups 106:13
fixed 15:21 51:17 52:18 66:9	Frances 105:13 106:17 107:10,12, 13 108:21	Frances 105:13 106:17 107:10,12, 13 108:21	governors 41:14	grow 43:19 45:10
flexibility 56:25	free 12:9	free 12:9	growth 79:19 80:8 86:6 91:10	grow 43:19 45:10
flexible 9:6 10:8 43:19 116:3,5	frequency 110:11	frequency 110:11	guard 22:15	guess 2:1 59:11, 15,23 60:6 61:17 66:9 74:5 80:21 110:7
floating 28:22,23 29:3,6 31:23 35:12 46:22 47:24 48:1,4 51:15 66:9, 12 67:16 106:21 107:4				
floor 29:1				
flow 71:23				
foam 81:15				
		G		
		gaps 108:7		
		gas 5:11 56:11 72:18 76:10		
		gate 5:23 14:21		
		gates 45:5 46:5 60:4 114:23		
		gave 95:1		
		general 21:18 62:1 108:24		
		generally 6:8 33:13 36:7 55:9 57:4 58:15		
		generate 29:2 86:14		
		generated 71:23 72:4		

guidelines 68:5	103:20 110:10 112:13	horizon 27:6	41:15,25 42:21 43:3 44:11 48:7, 20 50:5 74:22 79:25	includes 30:8,25 31:5 32:3 34:23 88:20
guys 70:9 95:17 115:9	hearing 83:7 89:4 102:16 117:15	hospital 22:14		
<hr/> H <hr/>	heart 116:14	hot 84:12		including 5:12 8:6 9:22 73:13 88:5
half 30:6	heavily 58:11 98:13	hotel 21:12	identify 23:10 33:6 79:20 80:4,5 86:12	incongruous 114:15
halftime 2:20	held 34:20	Houghton 2:15, 18 12:23 14:2,6 71:8,13,20 72:5, 12 73:3,22 90:10 91:5,11 113:11 115:6	IERP 48:25	incorrect 71:2,3
Hall 9:22	helped 35:17,20	house 56:2,13,21 68:4	illustrates 45:20	incorrectly 50:24
hand 8:24 10:4 13:1 21:6 57:13 75:9,12 92:10 98:23 101:5,17 103:2,5 105:11	helpful 90:15	housed 57:16,25	illustration 13:15	increase 56:16 73:11,12
handle 113:20	helps 107:8	hub 97:22	image 7:1 8:3,4, 10	increases 56:19
handled 14:3,8	hey 96:13 97:4,6	huge 102:17	imagine 51:20 72:19 104:23	incumbent 50:12
hands 96:17	high 30:12 45:8 48:2 52:23 62:11 99:13 110:11 113:15	Humboldt 5:13 30:5,23 33:5 42:5 43:1,7,10,18 65:8 114:15	imminent 108:4	Independent 39:19 117:15
hanging 50:18	highlight 36:2 37:8,22	HVAC 52:22 58:5, 12	impact 13:13 17:24 18:7,16 19:14 24:4 33:4 104:4 116:22	indicating 46:23
happen 6:24 7:24 18:21 34:4 63:25 93:18 109:2 112:11	highlighted 37:5 38:7	HVDC 47:21 48:3, 4,5,6,12 53:5,8 54:6 56:1,19 58:4, 19 61:12,13 67:20 73:19	impacts 54:15,16 104:6 112:22	indication 57:22
happening 24:23 64:10	highlights 41:17	hybrids 30:10	implementable 85:22	indicative 52:11 58:1
happy 51:10 80:12 91:19	hike 21:7	hydro 98:4	implemented 108:11	individual 36:15
harbor 5:24 9:13 10:17	hill 114:24	hypothetical 12:14,19 42:7	important 6:4	individuals 96:18 97:4
harbor's 10:15	hills 96:25	hypothetically 13:21	importantly 4:21	industrial 98:7
hard 23:23 36:24	hire 90:18	<hr/> I <hr/>	impression 65:17	industrialized 116:2
harmful 110:13	hiring 105:25	I-5 76:10	improve 37:18	industry 35:12 37:19,25 65:14 79:24 80:6 86:20 91:10
Hawaii 28:12	historic 22:22 104:22	idea 58:2 75:7,14 93:16	in-person 3:14	influence 112:19
HDD 54:14	historical 80:3 104:24	ideas 19:12 25:1 52:11,12 85:16, 18,19,21 86:13	incarcerated 96:19	inform 17:15 34:9 35:17,20 78:16
he'll 4:5	history 85:17 86:9 98:9	identification 30:3	inception 3:13 82:11	information 9:23 19:1,2,3,7,13,20 23:14 25:15,18 26:12 30:2 39:9 48:17 49:5 80:1,2, 3 87:8 91:21 111:24
health 22:14	Hitachi 73:20	identified 17:23 20:12,19 22:17	incite 86:21	informational 18:20,24 42:11 50:2 78:16
hear 8:15 11:7 51:6,14 76:5 77:13 84:5,6,7,9 101:8,10,12 102:4,7,8,24 107:13 112:18	hold 49:7 75:9,10 101:23		include 22:13 25:18 28:15 38:13 56:17 90:23 95:19,21,22 96:13 97:8,9 116:1	informative 25:9
heard 33:18 40:23 65:10,16 68:9,10 69:5 78:4	Hollister 98:3		included 18:15, 20 22:2 23:12,14 38:12 88:11	

infrastructure 10:12 13:23 23:7 37:18 39:21 50:22 51:21 86:7 107:7 111:14 infrastructures 115:5 initial 52:11 inland 58:9 innovation 19:23 20:12 97:22 98:11 innovations 98:5 innovative 106:7 inoperable 4:3 input 24:12 25:14 77:12,19,20 78:11 83:5,11 93:23 94:1,6 inputs 41:8 inquiry 10:4 insight 84:25 installation 31:3 installing 23:3 instance 34:14 instances 55:12 institutional 22:12 institutions 6:7 insufficient 74:9 insulated 56:12 72:18 intake 17:10 20:18 21:8,10 integrate 78:15 integrated 40:22 41:2 42:21 44:12 74:16 integration 36:4, 7,16 65:10 integrity 104:2 intend 12:20 77:11 78:15	intended 90:22 113:1 intensely 56:9 intensity 21:5,12, 20 intent 68:6 77:8 78:4,18 79:8 84:21 85:20 inter 48:18 interact 12:3 114:8 interconnect 21:24 44:22 47:18 48:7 61:14 interconnected 44:14 45:22 47:10 interconnection 8:14 12:21 40:14 44:17,22 45:9,21 46:10 48:24 53:20 55:1,6,21 interest 10:1 34:3 37:21 86:14 87:9 100:17 interested 2:22 8:21 33:2 35:9 60:8 66:10,19 67:1 interesting 51:16 interests 62:8 81:25 intergovernmental 29:25 Interior 33:18 internal 82:24 internet 84:6,11 Interpretation 117:16 introduce 2:16 introduction 5:8 51:10 Invenergy 31:25 65:16 inverter 54:7	56:2 investment 37:17 invite 104:8 involve 98:12 involved 62:14 involvement 34:6 involving 105:21 iron 94:21 IRP 40:23 ISFSI 16:14 20:7 113:19 ISFSI's 114:12 Island 56:10 72:20 ISO 8:16 11:25 12:18 34:8 39:20, 22 ISO's 41:11,13 issuance 30:10 issue 6:17 13:7 34:24 62:18 71:18 77:21 91:6 issued 15:20 18:19 24:15 89:11 issues 7:5 16:17 103:10 116:20 item 116:7 <hr/> J <hr/> J-O-N-A-T-H-A-N 95:9 Jeff 11:24 39:19, 21,22 49:6,11 50:17 51:11 59:15 69:5 70:19 75:2 106:17 107:9 110:5,17,18 Jet 108:14 jive 65:19 job 86:6 91:6,9	105:18 107:24 jobs 79:19 80:9 85:6 86:3 98:6,10 105:22 join 8:23 joining 76:7 joint 32:17 53:13 54:13,19,23 Jonathan 95:9 105:17 Jones 2:4,8,10 4:11 5:7,9 6:19 10:14 11:18 12:14 13:11 14:4,11 16:10 35:5 69:6 70:13,17 71:3 72:7 81:3 84:7 111:11 112:12 113:1,23 jot 27:10 judging 38:25 62:14 judgment 110:9 July 18:19 77:9, 18 79:7,9 jump 82:9 104:8 June 79:9 jurisdiction 7:4, 9,18,19 28:9,15, 18 34:7 71:18 111:18 jurisdictional 7:7 72:8 103:23 jurisdictions 7:1 29:8 <hr/> K <hr/> K-E-N-N-E-Y 92:18 Kaina 76:23 77:3 Kara 11:6 59:9 68:24 74:3 82:6, 20 86:22 87:6 89:20,21 90:9,15 91:21 103:15	105:10,15 106:16 113:9 115:13 keeping 15:12 Kenney 92:17 93:12 94:11,13 key 4:13 7:22 80:10 kickoff 77:23 kilovolts 8:11 kind 23:23 26:4, 14,15 28:18 29:23 30:7 31:13,18 36:1 37:3,20 38:7 40:3,4,10 41:6,7,8 44:20 45:8,22 46:23 48:21 50:11 65:22 66:8 79:16 83:19 84:1 90:3 96:24 97:3 106:20 110:20 113:17 116:23 kinds 53:22 knew 104:20 KURTHAKOTI 51:5,9 72:16 73:9 74:1 kv 8:11,12 11:11 20:3,4 21:25 43:9, 12,13,25 44:13, 14,21,25 45:4 46:22 47:7,15 48:6 52:21,23,24 53:2,8,9,18 55:11, 12 56:3 57:10,11 60:3 61:9 69:16 <hr/> L <hr/> LA 45:4 Lab 35:22 labor 106:2 Laboratory 108:14 labs 22:10 ladies 82:13 laid 55:20
---	--	--	--	---

land 9:20 11:16 46:25 47:7,13 48:4,19 51:19,21 52:5 53:12 54:10 58:4 61:7 72:20, 25 85:22 98:15 100:1,7,17 103:21 104:3,13,18,25 107:1 109:24 111:16,20	layout 51:24 52:16	9,21 32:2,3,7,14, 15,16,22,25 33:3, 7 35:1,3 62:22 64:22 65:5	listed 9:24 19:17	lot 7:22,24 9:8 39:9 42:11 49:10 54:12,18 56:8,24 72:25 73:16 99:10 100:25 103:20 106:13 108:8,15, 19 110:5,6
land's 7:21 35:18	layouts 112:17	lessees' 32:20	listen 105:8	lots 13:17 114:5
land- constrained 56:22	LCP 11:19	level 45:8 77:12 84:21 99:13 113:15	listener 2:1	loved 98:18
land-use 107:24	lead 26:4 27:18 50:25 84:15	leveled 13:18	listening 95:17 102:13	lovely 98:8,14
landing 11:24 45:2 53:12 61:21 112:18	leader 105:5	levels 14:22	literally 24:25	lovingly 82:11
lands 5:16 19:5 72:9 80:22 87:21 88:4,8 89:17 99:24 100:16 103:24 104:14 112:10 115:18 116:1	leaders 17:12	Lexitas 117:17	livable 95:22	low 54:4
landscape 112:9	leadership 103:21 104:25	Leyva 4:6	live 32:19 76:13 96:20,21 97:17	lower 7:17 8:9 47:14 48:10 61:10 67:19
large 11:12 13:18 72:25 73:7	leading 79:19	license 5:2 6:13 15:10,15,18,23,25 16:1,4,18,20,25 74:7 87:10 99:12	lived 98:18 99:3,4	LUCAS 13:5 24:7 59:11 60:6,20 61:17 62:7,17 63:5
larger 10:17 20:21 42:19 53:1 58:7	lease 5:25 17:9 27:18 28:2 30:10 31:17 32:24 63:17 64:23 71:20 72:1, 3,8	licensed 6:20	lives 98:19	Luis 2:21 5:24 7:9,13 17:25 18:5 95:12,23 97:18 98:18 100:15
largest 36:7	leased 81:8	licenses 16:23	living 96:1 117:15	lump 71:22
lastly 19:13 31:9 81:20	leaseholders 11:10,14 30:16 109:22	licensing 108:6	load 40:20 43:13	LV 82:16,19
lasts 30:6	leaseholds 4:23	life 110:13	loads 44:15	
late 49:8 77:9,18 90:11 93:13	leases 4:22 30:12 32:14 34:25 71:18	light 20:21 37:4,8 38:7	local 7:13 29:8,19 55:2,6,10,12 56:4 57:1,3,5 59:1 84:20 95:11 106:1,5	M
latest 89:7	leasing 30:9 33:17,19	limitations 47:6	local/state/ regional 77:12	M-A-R-T-Y 99:4
Lathrop 25:7,20 26:11 66:5 67:24 68:14,22 78:5 93:10 106:18 108:23 110:1 112:3	leave 2:22 9:4 49:1 90:19	limited 47:7 63:7	locate 84:17	M-O-N-A 100:13
Lathrop's 111:12	leaves 12:8	Linda 15:3 16:6 17:21 49:21 80:15 81:6 82:10,12,13, 14,16 87:4	located 20:15,21 21:6,7,16,25 29:7 55:10 79:20 104:12	machinery 94:17
lay 9:20	leaving 20:1	Linda's 16:9	location 13:23 21:17 34:25 58:15 112:17 114:21	made 18:23 35:22 89:15 92:25
	left 7:12,17 8:9 28:22 57:17,19,20 65:17 92:25 95:1	Lindas 82:12	locations 88:23	magenta 21:9
	legislation 17:18 79:5 90:1	linear 73:8,9,12, 23	lodge 21:13	main 36:3,4 46:8
	legislature 87:13 89:23 90:1	lines 19:25 20:1, 2,3 28:25 34:24 35:15 38:1,13 43:10,12,25 46:5, 14 47:17 62:5 68:4 69:16 107:23 108:3	long 2:4 8:19 10:24 15:19 16:15 17:4,16 29:16 38:4,23 56:10 63:2 64:20 65:8 72:20 74:9 94:23	maintenance 10:17 36:6,17,19, 21 37:11,22 38:1, 10,22 61:20 62:2, 4 63:24 65:12
	leisure 24:2	link 24:3 45:3	long-term 116:18	maintenance- type 23:9
	LEMIEUX 24:18 63:11 65:15 66:2	linkages 40:12	longer 26:14 45:11 69:9	make 2:13 8:13 10:4 12:21 25:9 50:8 75:11 80:11
	length 45:3	links 32:20	looked 35:22,23 44:19 60:9 74:21	
	lessee 32:23	liquified 22:3	loss 85:6	
	lessees 28:25 30:16,19,23 31:1,			

83:25 92:4 97:16 99:8 101:4,13,16, 20 105:14 110:9 112:18,25	Matthew 27:15, 16,20,25 42:3 61:18 63:12 71:11 110:22 111:2	meme 15:16 16:2	minimal 104:4	69:12,24 98:3 109:9
makes 11:24 54:10	Matthew's 46:24 60:12,13	memo 30:3	minimization 33:7	Moss 45:2
making 18:23 80:22 113:6	max 63:20	memorandum 40:8	minimize 54:15	mother 92:24
manage 28:5 88:4	meaning 25:22	Mendocino 42:6	minimum 57:25	move 8:17 13:25 14:9 16:9 17:22 25:23 26:10,25 42:12 48:1 52:15 54:8,21 58:8 74:4 89:9 115:14 116:6
managed 20:25	means 49:25 52:12 88:1	mental 22:14 113:4	minus 69:19	moved 77:3
management 27:16 116:18	meant 111:1	mention 4:13 23:23 25:3 106:3, 5	minute 82:10 101:23	moves 84:22
manager 18:4 78:21	meantime 33:21	mentioned 10:7 18:6 19:8 27:5,24 32:1 62:24 67:16 93:5 106:7	minutes 92:4,7	moving 7:22 26:16 30:7 77:6 85:13
managing 28:7 117:16	measures 33:7	mentioning 21:22	misread 93:9	multi-day 68:19
manufacturers 48:12	mechanical 2:20 22:3	Merced 76:15	missed 3:6 93:13	multiple 29:20 31:5 35:10 64:5,7 85:19
manufacturing 36:12 65:11	mechanisms 17:5,15	mic 13:3 101:9, 11,21,24 102:6 107:13	mission 28:5	mute 102:18 107:14
manufacturing/ fabrication 36:5	medical 4:5,6 117:13	Michael 12:25 13:3,24 24:6,16 59:9 63:6	Mitch 4:4	mutually 24:20
map 5:20 31:18 57:13,17 81:12	medium 52:20	microphone 92:4	mitigation 33:7	Myers 78:7
maps 88:22	meet 17:16 35:12, 16 37:15,24 41:6 53:21 55:19	mid-june 79:6	mixed 20:13	<hr/> N <hr/>
marina 7:17 8:7 9:10 20:16 21:9 66:24 67:2,4 68:15 114:5,7	meeting 3:10,13, 15 18:3 41:14 54:1 75:20 76:24 91:16,20 92:2 108:18 115:8 117:3,14,16,18,22	middle 5:21 29:1 36:12 42:15 63:17 84:10 96:3	Mobile 84:12	name's 2:18 27:25
marine 10:22 28:16 71:9	meetings 2:4 4:16 23:1 34:18, 20,22 78:10 93:25 105:6 116:8,17	miles 28:14 55:4, 5 72:10 106:23	moderate 21:4	nation 34:19
marine- protected 28:16 71:16	megawatt 43:14 46:1 57:10	mill 95:15	module 33:7	national 22:15 28:16 34:1 35:21 71:17
markings 57:19	megawatts 42:16 53:2 73:5	million 4:23 9:12 31:19 37:23 38:8 79:2 89:5,6,11 90:17,19,22 114:19	moment 6:18 81:2	native 22:24 32:6,17 80:21 92:18
Marty 98:23,25 99:2,3,16	member 2:5,15, 25 18:2,3 78:5	million-dollar 88:12,15,20	moments 4:8	natural 87:15,18 92:24 98:15,16 115:19
materials 36:13	members 27:10 63:8 71:1 75:7 80:15 96:5,10 101:3,14,19 103:12 105:13 107:10,18 116:20 117:5,6	mind 10:7 11:1 51:18 52:4 72:24 73:2	moment 6:18 81:2	nature 13:8 59:13 62:10 92:25
Matt 39:12,15 75:2 111:6,8		mine 71:17	moment 6:18 81:2	nautical 28:14
matter 86:23 95:3		mineral 28:7	moments 4:8	navy 20:19
matters 7:7			Mona 100:10,11, 13 101:2 103:17, 25 104:17 105:5 107:20 112:7	NCCOS 34:1
			money 72:3 96:21	necessarily 8:22
			monitoring 31:6	
			monopole 53:8	
			Montana 6:1	
			month 89:15	
			months 3:4 32:9	
			mooring 28:25	
			mooted 98:3	
			Morro 13:7 23:8 30:5,23 33:5 42:2, 5,13,20,23 43:8, 23 44:21 59:18, 20,25 60:3,7,9,11, 17,22 61:16 62:10,13,16,19	

83:6	numbers 41:21 48:7 70:11	40:18 41:18,20,24 42:1 44:4 45:16, 17 46:22 49:14 50:21 51:2,13,21, 24 52:1,2,16,21, 25 53:3,5 57:8,10, 24 61:5 63:14 65:7 66:8 67:8 69:17 70:7 71:11, 14 74:8,17 85:25 96:8 98:1 100:21 104:10,11 106:21, 23 110:7	99:12	105:24 117:21
needed 47:11,12 60:22 61:8 74:23			operation 4:19 10:12 16:14 23:8 24:21 33:8 36:5, 17 37:11,22 38:1, 10,21 52:3 55:18 61:20 62:1,18 63:24 65:12,25 69:14,19 113:13, 20	organization 19:10 92:14
needing 46:3	O		operational 12:4	orient 5:16
negotiation 72:11	O&m 66:25 68:16 73:17	on-land 11:11	operations 12:9, 12 14:20 24:13 30:25 31:1,5 35:2 63:21 64:17 69:9 87:11 100:6	orientation 3:21
network 55:11,12	O&m-type 23:11	one's 8:11	operatively 84:18	original 7:18 81:12
new-guy 90:12	O'CONNOR 97:18	ongoing 36:19 71:22 72:2	operators 14:9 39:20	originally 5:4
nice 9:23 98:4	Obispo 2:22 7:9, 13 17:25 95:12,23 97:18 98:18 100:15	onland 61:11	opinion 105:1,2	Oro 6:1
NOAA's 33:25	occupants 114:21	online 9:24 10:21 18:9 24:1 51:4 75:10,11 92:8,9 98:22 101:4,19 108:5 114:9 116:15 117:7	opportunities 9:7 29:21 35:6 79:17 83:4,10 84:16 85:24 86:6 93:3,24 96:10,13, 17	Orsted 51:1
nofreyz 114:17	occur 25:2 33:12 105:20	onshore 11:22 20:23 29:6 38:17 39:17 47:15 50:21 51:25 52:5 53:15, 24 54:1,5,7,20,21, 24 55:9,13,14,22 56:2,7,25 57:15 58:14,16,25 65:3 66:14,15 67:16 72:13 100:22 104:12 107:6 115:17	opportunity 26:23 27:1,2,8,23 59:7 66:22 85:9 91:10 94:15 95:6, 18 96:2,3,6,7,16 97:2 99:17 107:16	other's 8:11
noise 76:9,11	occurred 4:17 62:22 69:9 104:23	onsite 61:21	opposition 110:7	out-of-state 41:24
nominations 30:2	occurring 113:24	open 9:7 54:17 72:15 98:15 104:13 105:7 112:24	option 21:11,21, 23	outages 92:22
normal 67:3	Ocean 5:21 27:15 34:1	operated 16:23, 25 57:8	options 22:2,13 46:20 85:14 109:9	outcome 9:17
Nort 42:6	oceanic 22:15	operates 17:16	orange 20:15 57:14	outcomes 103:22
north 5:20,23 6:11 8:3 31:23 42:5 43:5,6 81:12 88:1,3 100:24 115:23	October 77:23	operating 5:2 8:23 15:23,25 82:2 84:13,14,22	order 13:2 25:23 26:17	Outer 28:6,13
northeast 52:3	offer 8:25		ordinance 111:17	outline 6:15 7:17
northern 31:17, 23 42:7 100:14	office 28:10 68:10,11 75:23		Oregon 28:11	outlined 28:18 81:14
note 84:5 113:5,6	Officer 4:6		org 3:19 24:3 101:16 103:1	outlines 106:6
notes 38:12 70:22	offices 22:10			outlook 42:10,17
notice 68:6	official 83:7			output 69:20 70:2
notices 30:9	officially 2:5			outreach 38:15 88:24 89:13
November 77:23	officio 2:5,10,25 18:2,3			overlays 94:24
NRC 5:5 7:2,3 15:18 16:18	offset 82:2			oversimplified 28:21
NREL 35:21	offshore 4:22,23, 24 8:5,17 10:9,11 11:9,23 12:10,11 14:12 27:4,5,14, 18 28:14,22,23 29:3,6,17 31:11, 22 33:19 34:17,24 35:8,12,13,16 36:2,8,9,14,19 37:16,19,25 39:5			overview 3:25 51:23
nuclear 5:12 6:12,21 7:4 14:13, 14 99:13				owned 81:7,8,14, 16
number 4:14,20 8:6 15:25 16:4 34:25 40:9 57:14 67:3 68:15 70:11, 13,14,18 75:7,14 88:10 103:10 110:14				owner- controlled 20:5

P	114:18	people's 17:10	Pickering 98:24 99:18,20,22 103:17	9 100:5
P.D. 4:7	part 13:12 14:16 31:14 38:21 73:12 80:10 85:10	Pereia 76:23	piece 88:7 89:17, 18 94:17	plant 8:20 14:15 17:16 20:20 22:1 23:3 24:22 25:21 26:12 37:9 38:16, 20 43:9 44:9 53:23 55:17 56:18 57:25 58:24 73:14 76:22 83:20 87:17 94:16 100:5 105:19 114:4
p.m. 117:25	101:15 103:7 110:14,15,16 115:9,11,21	perfected 108:10	piecewise 24:20	
Pacific 5:11,21 27:17 28:1,10,12	participate 26:4 78:9 91:15 94:1 107:18	period 15:21 17:1 45:12 64:2 69:9 75:15 103:6	pier 38:18	
paid 81:21	participated 2:4 76:23	periods 8:1	pink 21:13	
panel 2:6 3:3,12, 13,19 9:8 18:2 19:4 24:2 27:10 35:9 59:8 63:8 71:1 78:5 80:15 82:11 85:16 98:2 101:14,16 103:1, 9,10,12,19 105:13,23,24 107:10 111:21 112:2 115:9 116:8 117:20,21,23	participating 3:16 107:11 117:7	permissible 13:22	pinstripe 7:3	
panel's 3:18 23:25	participation 83:11 116:13	permissive 6:6	pipe 94:20	plants 6:8 72:23 98:2
panelists 13:2	parties 8:21 9:25	permits 7:20 30:19 31:10 64:7, 19	pipeline 23:4	plateau's 114:2
paperwork 63:23	partner 19:11	permitting 7:10 31:7 38:2,9 63:2 64:2 107:25 108:1	place 32:10 64:2 75:16 93:2,6 94:23 95:13 97:22 109:8	platform 48:4
parallel 64:4 83:19 90:4	partners 34:13 39:7 78:24	person 2:25 3:15 76:13 107:17 117:7	place-based 76:1	platforms 47:25
parcel 4:12,16 5:16,18 6:2,10,11, 15 11:16 13:10 16:8 17:23 18:18, 22 26:2 27:5 66:18 76:2,21 77:7 79:11,21 81:7 85:10 86:5,8 87:20 88:6,11,22 99:9,15 104:13 105:18 106:8 108:24 109:3,6,14 111:22 115:17	partnership 33:25 86:16	perspective 56:6	placement 71:14	players 97:3
parcels 81:19	parts 7:22 36:21	PES 67:25	places 64:7	plays 105:3
park 6:1 19:23 20:13	party 2:22 26:6 81:25	PG&E 5:1,22 7:23 10:8 15:9 19:7 20:5,8 24:12 25:18,19 69:6 74:6 80:25 85:2 99:11 112:15 113:4 117:12	plan 19:5 25:16 26:10 31:1,4 32:18 33:23 35:18,19 40:23 41:4,14 42:8 64:18 77:17 78:17 84:1 87:17,20,23 93:15 99:25 100:6 106:12 110:16 115:21	pleased 115:11
park's 88:7	passed 87:9	PG&E's 2:11 4:12 6:20 20:3 86:16 108:6 117:14	Planes 98:1	plethora 39:6
parked 76:10	paths 64:5	phase 12:16 29:15,18,24,25 30:6,7,13,14,22, 25 31:5 32:1,3 33:13 35:2 62:24 63:17 64:12	planned 48:23 74:9	POI 54:5
parking 13:17 54:12,18 114:5	patience 108:17	phases 29:13,23	planning 3:2 4:24 10:25 15:11 18:4,5 23:18 27:18 28:3 29:17, 24 34:11,21 39:18,22 40:5,12, 13,21,24 41:2,8,9, 20,22 42:23 44:7 48:17,21 50:3 63:22 97:21	point 12:19 19:23 24:9,14 55:1,5 62:17 82:18 93:17 107:23 112:23 113:4
parks 98:12	Patrick 24:6,17 59:9 63:10 66:3	phenomenal 96:23	plans 12:4 15:9 30:17,18 32:4,5,6, 16,18,22 33:8 42:22 64:22 65:25 74:16 98:11 99:7,	points 3:7 4:13 80:11
	payments 71:21	phone 102:13		Police 117:11
	Peak 98:3	physical 112:13		policy 3:24 17:6, 12 81:9 99:23 100:2
	Pecho 109:13	pick 52:6		Poly 2:20 10:23 20:25 85:18 106:13
	PEIS 33:10,14 66:19 68:2			pools 15:12 16:15 20:2
	pencil 94:23			populated 56:9
	people 3:16 8:22 16:2,23 23:24 52:4 63:7 68:12 84:24 93:23 94:15 95:19 96:18,19 104:7,14,21 105:2 106:1 110:11			port 5:24 8:7 13:19 14:15 35:6, 8,18,22 36:18 37:1,6,11,13,14, 17 38:1,5,11 61:19,24 62:15,16 63:3 64:24 66:25

portfolio 42:14, 15 43:2,5,16 45:13 49:24 50:1, 4,6	preclude 113:16	previous 35:6 51:12 83:3	106:2	111:24 113:12 114:14,16 115:9 117:7,19
portfolios 40:25 41:18 74:18	precludes 8:22	previously 3:8	projects 6:23 23:19 27:15 41:11 55:24 56:8 58:3,5 89:9,14 104:1	publication 30:9
portion 6:12 22:23 76:19 92:2	preface 40:5	primarily 91:9	pronounced 50:24	published 68:8
ports 35:11,16 36:2,8,13,17 37:2, 23,24 39:4 61:25 65:5,8,9,12	prefer 82:14,16	principally 114:3	proper 30:19	publishes 30:1
position 81:1	preference 57:3, 4	prior 76:15 93:6	properties 5:22, 25 54:25 81:7,11 109:3,7	pull 54:13
possibilities 11:1 66:1	premium 72:21	prioritize 105:25	property 95:18	pulled 54:18
post-decommissionin g 20:5 25:2	preparation 18:7	private 54:25	proposals 77:15, 22 106:7	pump 98:4
posted 33:1	prepare 35:3 77:9 87:16	problem 101:18, 24	proposes 33:14	punctuating 112:9
potential 18:17 19:16 23:10 29:17 35:6,8,11 37:10, 14 38:8 42:6,8,19, 25 59:24 79:18,21 85:15 86:5 88:5, 10,23 90:22 91:1, 3 115:16	prepared 17:25 106:6,12	procedure 5:5	proposing 77:14	purchase 80:21
potentially 20:23 21:13 26:13 27:6 34:4 59:18 62:3 64:20 65:5 68:11 73:6 87:11 94:1 95:5 97:21 109:12 115:3	preparing 33:4 88:22 115:25 117:18	proceed 75:21	Propulsion 108:14	purple 21:6,14
power 6:8 8:19 14:15 17:7,16 22:1 29:8 37:9 38:16,20 43:9 44:1,9 46:7 53:22 58:13 65:6 67:10 71:22 72:23 74:19 76:21 87:16 98:9 114:4	present 39:25	proceeding 81:23	protect 4:7	purpose 48:25 53:3 55:13,21 56:5 104:15
practicing 2:19	presentation 11:8 15:5 23:21 25:8,25 26:20 34:8 39:10 49:2, 10 50:19 51:12 59:5,22 79:12,13 81:13	process 10:1 19:14 29:12,13 31:14,15 41:7,10 44:7 50:11 63:15 64:11 79:22 82:23,24,25 87:19 115:8,10	protocol 82:17 95:3	purposes 18:20, 25 39:5 41:25 60:19
pre-acquisition 88:24	presentations 3:17 27:10,11 59:12 65:15	processes 28:3 40:14,17 81:19 90:4	provide 23:4 53:21,25 68:13 76:18 83:4 84:4 86:21 87:7 96:3, 10	pursestrings 17:8
pre-work 80:2	presented 24:19, 23 112:15,16	procurement 40:13	provided 18:24 19:20 25:18,19 40:25 41:19 44:6 50:2 60:15 76:24 89:24	pursuing 86:15
	presenter 50:20	production 108:7	provision 84:16 117:12	put 4:19 10:3 19:8 47:3 53:19 54:4 55:23 72:3 77:24 82:3 94:5 96:21 109:5,9 115:20
	presenters 107:19	professional 22:6	providing 84:16 117:12	puts 63:21 69:20
	presenting 4:11 41:13 43:21	program 7:13 108:13	proximity 55:10 114:14	putting 90:16 114:9
	preservation 22:23,25 103:24 104:3	programmatic 33:4,6	public 3:24 6:6,9 9:2,12 15:16 27:1 29:21 34:19 40:6 41:1 54:25 66:22 68:13 75:7,11,15 77:19 82:24 83:4, 5,7,11 87:19 88:4, 23 92:1 99:17 101:3,15 103:6,7, 11 107:18 110:6	<hr/> Q <hr/>
	preserve 84:11	programs 95:22		qualifications 113:24
	preserved 98:15 104:14 112:10	progress 32:4,8, 25		qualified 12:1 110:19
	preserves 71:9	project 8:15 10:20 11:20 12:2, 17,20 52:2 56:1 58:10,12,24 61:20 63:14 73:18 78:21 88:13 96:7 105:21		Quality 68:4
	president 97:19			question 8:13 11:6 12:6,14,24 13:25 14:4 15:3, 13,14 16:9 26:17 39:15 46:11 49:22 59:23 61:17 66:4, 13,14 68:14 69:3,
	pretty 116:1			

4 70:8 71:7 72:13 73:4 74:3 78:5,6 80:18 83:18 84:3 87:5 90:8,11,12, 15,21 99:8,11,15 100:3,20 104:5 109:18 110:5,17, 23,24 111:6,10 112:20 113:9,11, 18 115:13	97:19 115:23 ranchers 14:20 ranches 14:20 Randy 92:17 range 21:16 48:9, 11,13 67:18,21 69:21 ranges 29:15 ratepayers 62:7 rates 82:2 rating 58:11,12, 13 raw 36:13 re-use 13:9 17:23 18:17 19:8,17 76:20 77:7 78:25 79:17,18,21,23 80:9,10 85:15 88:6,10 90:23 91:1 98:11 Reach 19:10 85:18 106:6,12 Reach's 106:10 reactive 53:22 reactor 47:9 read 36:24 readiness 35:18 ready 18:10 reaffirmed 79:5 real 3:3 82:10 93:21 111:25 realize 39:8 93:16 realizing 85:11 realm 66:1 68:9 reason 39:1 44:6 93:1 reasons 8:5 reassured 79:1 rebroadcasting 10:2 recall 62:3,6	70:17 76:22 78:7, 12 88:17 113:12 receive 77:13,20 101:14 received 24:11 78:11 receiving 108:25 recently 30:4 32:24 33:19 35:10 95:14 109:19 recess 75:19 recognize 2:3 86:10 recognizing 83:8 recommend 41:12 43:3 recommendatio n 50:8,9 recommendatio ns 34:15 81:4 recommended 41:15 recommending 43:17,20,21 reconvene 75:18,20 record 33:10 68:7 101:15 103:7 recording 31:7 117:17 recordings 117:21 recover 85:6 recreation 21:3, 5,11,19 rectifier 53:5,7 red 6:15 7:5,17 20:12 21:7,14 28:18 37:5 redevelopment 99:8 reduce 52:13 56:12	refer 115:18 117:23 referenced 70:25 78:13,14 referencing 70:5 referred 19:6,22 referring 72:14 refocus 77:3 refueling 92:21 refusal 80:20 81:10 regard 24:13 region 8:17 27:17 28:1 52:18 57:9 78:24 80:1 85:4,5 86:3,15,17,18 100:15 regional 17:6 28:10 95:10 registered 2:19 regular 90:3 regularly 70:10 regulated 17:8 regulator 16:22 regulators 8:1 112:16 regulatory 5:10 6:12,21 16:19 81:19 reiterate 19:19 79:11 relate 35:8 relates 16:7 68:15 77:14 86:19 relative 78:17 relaying 46:12 release 68:7 reliable 55:18 remain 20:7 remaining 15:25 71:9	remember 67:22 104:20 remind 3:16 117:19 remotely 107:11 remove 9:13 removed 25:23 100:18 renewable 27:16,25 30:1 35:21 51:3 renewal 15:24 renewals 16:20 repeat 14:4 70:16 replacement 91:6,7 report 13:13 16:11 17:24 18:8, 16 19:14 24:4 31:3 87:16 89:1, 22 116:19,22 reporter 92:15 97:17 reporting 117:17, 18 reports 32:4,8,25 78:12 represent 96:5 representative 2:11 3:2 95:10 representatives 88:18 represents 75:23 repurpose 9:10 95:18 repurposed 100:7 repurposing 4:12,16 5:11 6:4 9:9,18,21 16:7 19:8 76:3 81:20 93:2,15 99:14,25 114:4 requested 15:24
question's 63:12 68:23 questioning 93:24 questions 24:5 27:9,11 39:11,14 40:3 46:9 49:3,7 50:19 59:7,8 63:8 66:6 67:6,23 69:1 71:8 80:12,15 85:8 91:12,19 93:4 95:4,5 102:1 103:11,13 105:9, 12 116:14 queue 97:13 queues 44:18 quick 3:24 15:3 24:5 49:22 66:6 74:3 82:10 84:4 90:11 93:21 112:1 115:15 quicker 64:21 quickest 38:4 quickly 16:8 28:4 29:22 65:22,24 68:17 107:19 quote 16:19	<hr/> R <hr/>			
R-A-N-D-Y 92:17 RA 52:19,20 raise 13:1 75:12 92:10 101:4 103:5 raised 85:4 103:11 116:20 ranch 88:1,2,3				

require 7:25 37:17 45:18 60:3 74:18	responsible 28:9 39:17 40:19	111:25	SB 4:19 16:10 17:11 76:19,20 87:9,14 90:2	secure 14:17 30:10 55:3
required 16:10 17:3 32:5,8 39:1 48:15 51:25 53:16 59:22 72:8 81:10 83:6 87:14 109:21 111:13	rest 116:23	rooms 21:19 22:10	scalable 112:21	security 14:3,6 117:12
requirement 52:5 64:3 81:6 112:14	restaurant 21:18	roughly 48:13 70:24 96:4	scale 53:18 73:7 98:7	seek 41:10 43:3
requirements 11:23 12:2 35:17, 23 44:1 46:14 50:22 53:20 54:2 55:20	restriction 72:18	round 34:21	scales 52:22	Seeley 15:4,7 49:20,22 50:16 82:6,10,14,15,19, 20 83:15,16 86:21 87:1 110:3,4 111:1,4
requires 59:20	restrictions 116:2	route 57:12 77:11 81:10	scaling 53:4,16 55:16 73:10	Seeley's 90:14
research 10:22 20:14 22:6,7,9 82:24 90:25 91:3 98:12	restrooms 3:25	royal 20:18	scenario 13:16 14:8 65:21 69:14	segment 27:13 39:14 50:21
researcher 99:23	result 46:3 85:1	royalties 72:2	scenarios 13:12, 14,20 59:25 86:13 113:16	segue 51:11
reserves 71:10	results 9:15 36:1 37:1	rule 94:23 112:22	schedule 33:20 79:9 89:18	selected 89:16
residence 92:13	retaining 78:19 91:1	rumor 92:23	schematic 28:21	semiannual 32:25
resident 2:21 60:8	retirements 72:22	run 16:15 74:9 86:13 100:24	Science 34:1	Senate 76:2
resort 21:11	retrofit 37:24	running 11:17 16:16 49:8 85:19 90:10	scope 77:14 79:14 110:12	send 29:3
resource 3:18 22:5 40:12,21,22 41:2,18,23 42:22 44:8 50:3 74:16, 24 117:15	reuse 97:21	RV 21:9	scoping 19:13 110:15	senior 5:10 50:25 76:22
resources 10:25 28:8 40:14 44:16 45:23 46:2 87:15, 18 88:1 115:20	revenues 82:1	RWE 31:22	Scott 25:6 59:9 66:4 68:25 78:5 86:23 93:4 105:3, 11,14 106:18 107:22 108:22 109:18 110:2 111:12	sense 8:13 80:22
respect 103:20	review 29:20 30:4,18 33:13 64:18 77:22 83:11	Ryan 98:24 99:18,21,22 100:9 103:17	Scott's 112:8	sensitive 104:15, 24
respects 105:4	reviews 30:19 31:6	<hr/> S <hr/>	screen 54:21	sensitivities 113:5
respond 16:8 81:2 103:16 105:16 106:20	revisit 115:1	Sacramento 89:4	scroll 23:19	sensitivity 42:9, 16 44:5 49:23 50:1 103:18
responding 24:11 112:7	rezoning 109:7	safe 91:23	sea 29:1 36:11 54:11 81:15	separate 88:15
response 80:24 81:1 117:13	RFP 77:9,15,21 90:16	safety 3:20,21,24 4:8 7:4 17:2 99:5 116:19	second-chance 96:18	separation 114:22
	RFQ 89:11	sale 72:1,3	seconds 95:1	September 77:21 88:17
	rights 7:10 95:15	San 2:21 5:24 7:9, 13 17:25 18:5 95:12,23 97:18 98:18 100:15	secretary 78:8	series 34:16,17 78:9
	ripped 104:22	sanctuaries 28:16	section 7:6 18:16,19 23:16	serve 6:8 8:8 37:19 99:10
	rises 47:4	Santa 95:12,24 114:17	sector 91:10	serves 84:15
	risks 99:6	saves 9:11	sectors 79:24,25 80:6 86:20	service 2:1 74:15 98:19
	road 76:14 91:14, 18	Sayshol 101:8		services 78:20
	Robles 76:13,16			
	Rock 98:4			
	role 85:25 105:3			
	Romero 105:13 106:17 107:10,15			
	room 57:20 92:3 98:22 104:19			

83:1 91:2	shrink 114:25	sketch 112:22	sort 8:8 11:15 106:6	38:6 76:20 85:10 86:5 115:22
servicing 43:13	shut 83:21 84:11	skilled 95:21	sought 5:4 114:3	specificity 70:19
set 26:14 63:4 79:2	shutdowns 95:14	slab 15:11	sounds 29:14 38:3 112:24	spell 92:16
setting 8:3	side 57:13 64:24 65:3 73:13	slated 20:14 33:20	source 53:6 54:6 56:19 58:4	spend 90:17,19
seven-year 64:2	Siemens 73:20	slide 5:15 6:14, 16,25 8:2 18:13, 25 19:15,21,24,25 21:1,10,20 22:4, 11,19 28:3,4,18 29:8 31:12,13,25 32:12 34:2 35:4, 24 36:22 37:19 40:4 41:16 44:2 45:19 49:4 51:22 52:15 54:8,9 55:7 57:5 58:9 60:10, 12,14 81:13 94:23 114:25 115:1	sources 19:3 22:7 25:13,16 78:19 90:24 102:13	spent 116:18
Severance 2:3,9, 12,24 4:10 10:6 11:2 12:23 13:4 69:4 70:8,14,15, 21 71:2,5 94:8,12 103:16 107:20 112:6,24 113:3 117:4	sign 79:6	slides 23:23,25 25:14 29:15 36:24 40:1,2 42:24 63:14 79:12 117:22	south 8:4 57:7,17 88:2,3 100:24 115:23	split 45:23
shaded 42:14	significant 12:15 14:7 78:22	slight 77:5	SP 41:6	spoke 81:6 93:10
shading 7:2	significantly 99:13	slightly 52:14 76:25	space 15:10 56:10,24 58:22 74:11 97:21 98:15,16 108:13	spoken 105:22
share 84:25 105:2	similar 26:1 35:23	SLO 23:5 24:3	speak 27:3,7,24 75:8,9 76:1 93:20 95:6,17 97:20 102:3 103:19	spots 84:12
shared 80:3	simplistic 46:17	slowed 24:12	speaker 11:24 12:18 18:1 27:8, 14 35:7 75:16,21 95:2,4 97:11 99:18 100:10	Spring 78:1
Shelf 28:6,13	simultaneous 10:11	smack 63:16	speakers 27:7,12 59:8 63:9,12 74:6 75:3,15 95:6 97:12 98:21,22 117:8	square 66:12
Shell 76:10	simultaneously 64:10	small 36:23 52:25 57:9,23 67:19 97:19	speaking 92:14 98:17 101:9,22 113:4	stability 84:12
shifted 9:4	sir 12:25 27:3 97:14 98:20	smaller 10:18 47:12	speaks 95:4	stacking 67:15
shooting 24:14	sister 68:10	smallest 36:18	special 100:16	staff 10:24
shore 46:20,24 54:11 67:10	site 14:9 18:22 20:1,11 22:2,24 23:1 30:13,17,21 32:2,5 33:11 36:16 38:14,24 51:19 59:17 60:25 62:23,24 63:17 64:1,11,12 66:18 89:1 98:7 99:14 108:25	solar 41:23 44:16 98:2	specialist 27:17 28:1 51:1	staffing 77:2
short 26:16 54:3 57:2 62:9	site's 114:1	sold 4:22	specific 8:15 33:11 50:13 58:10 70:14,18 73:18 92:20	stage 33:13 40:17
shortage 16:17	sites 22:25 35:17 36:6,7 37:14,17 38:1 63:25	solicit 77:15	specifically 28:6	stages 11:21 29:20 65:14
shorter 16:22 30:15	siting 71:12 110:21	solicitation 50:14 77:21		staging 36:4,6,16 65:10
shorthand 6:10, 15	sits 81:21	solutions 76:1		stairs 4:2
shortly 90:6	situation 26:3	something's 111:22		stakeholder 100:1
show 13:18 37:12 52:1	size 10:14 12:20 48:8,14 58:16 66:11,15 67:14 73:11			stakeholders 32:12 39:7
showed 25:15 59:19,22 73:4,24 81:12 115:1				standard 5:5 73:19,21
showing 45:22				standardized 73:19
shown 57:12				standby 4:5
shows 29:12 31:13 37:1 114:12				standing 39:10
				stands 77:8
				start 29:22 52:12 65:18 67:8 73:13 85:21 86:13 101:22 102:25 112:9
				start-up 62:20 97:20

<p>started 8:20 32:24 44:3 63:24 64:4,12 90:12</p> <p>starting 3:10 44:4 86:12</p> <p>starts 108:15</p> <p>STATCOM 55:25 56:1 57:24 58:6</p> <p>STATCOM's 53:25</p> <p>state 5:3 6:1 7:21 16:16 17:3,5,6,7,8 29:7,19 30:20 31:7,24 33:22 34:7,12,19 35:18, 19 39:6,16 40:20 41:6,22 62:22 64:25 65:16 71:24 72:9,11 84:19 88:7,16 89:10,22 92:13 114:18</p> <p>state's 33:23 35:12 65:3 84:15 95:10</p> <p>statement 18:7 33:4</p> <p>states 16:20 57:14 114:13 115:22</p> <p>station 10:20 44:1 45:5 46:2 47:1,9,19 48:5,15 53:6,7 54:7 56:2, 20,22 58:4 61:1,2, 4,13 66:15 67:20 69:24 70:1 76:10 109:7 114:6</p> <p>status 24:8 116:19</p> <p>stay 45:11 92:5</p> <p>staying 74:15 75:3</p> <p>steady 89:24</p> <p>step-up 67:11</p> <p>stepped 48:6</p> <p>stepping 81:3</p>	<p>sticking 39:13 116:12</p> <p>stolen 100:17 104:18</p> <p>stop 91:15</p> <p>stops 108:15</p> <p>storage 13:15,16 16:11 20:7 21:21, 23 22:2,3,4 41:24 96:9 97:20 98:2,4 113:15,25 114:13, 16 115:3</p> <p>store 21:18</p> <p>stored 36:9,14</p> <p>stories 104:20</p> <p>Strachan 2:24 6:4 9:18 18:1,10, 12 24:10,24 25:12 26:8,22 78:13 109:17</p> <p>strange 83:18</p> <p>strategic 19:5 25:16 33:23 35:19 105:23</p> <p>strategies 81:4</p> <p>strategy 76:21 77:6,7 80:11 83:6 85:11</p> <p>strengthen 54:5</p> <p>strictly 26:5</p> <p>stronger 114:18</p> <p>Stroud 26:9 75:22 76:5,8 80:23 82:5 83:1 84:3,10 89:20 90:21 91:8,17,25</p> <p>structure 38:22 78:16</p> <p>structures 11:12 17:11 38:13 51:15</p> <p>struggling 101:6</p> <p>student 22:6</p> <p>students 96:13</p>	<p>studied 37:2</p> <p>studies 23:10 35:10,20 36:1 37:12 38:11,16 42:25 68:18 78:12</p> <p>study 35:22 62:4 90:22,23</p> <p>stuff 62:1 65:2 94:24</p> <p>Stump 4:4</p> <p>subject 7:14 14:25 72:11 81:9 88:14</p> <p>submit 30:17 32:7,8 33:8 64:16 103:3</p> <p>submitted 13:12 32:15,22,25 64:22 89:12</p> <p>submitting 31:1 32:3</p> <p>substantial 37:17</p> <p>substation 45:24 46:16,23,24 47:10,16 48:20 52:8,21 53:3,5,15, 24 54:20 55:9,13, 15 56:2,7,12 57:1, 11,15,16,19,23 58:14,15,16,25 59:20 60:4,5 61:8, 15,16 66:8 104:6 105:12 107:2,8 115:17</p> <p>substations 29:3,6 55:22 58:19,20 66:17 72:14,18 100:21, 22,23 104:10 106:21,25 108:25 109:5,13,20,25 111:19 112:9 116:3</p> <p>successful 99:11</p> <p>suggesting 10:10</p>	<p>suitable 37:5,7</p> <p>sum 15:21 71:22</p> <p>summary 35:25 49:15 62:9</p> <p>summer 89:25 116:17</p> <p>supplied 43:12</p> <p>suppliers 66:17</p> <p>supplies 44:15</p> <p>support 8:8 10:11 11:12 35:11 36:19 53:22 90:22 117:11,14</p> <p>supportive 108:5</p> <p>supports 5:13 11:20</p> <p>surround 87:21</p> <p>surrounding 109:2</p> <p>survey 30:17 32:4,22 64:16,22</p> <p>surveys 30:21 32:24 64:13 65:23</p> <p>survived 89:7</p> <p>Susan 2:24 18:1, 6,9 23:22 24:7,18 25:8 26:19,20 78:13 86:22 91:21 109:14 110:2 111:16</p> <p>Susan's 79:12 85:15 114:25</p> <p>sustain 85:6</p> <p>switch 20:3,4,6 21:25</p> <p>switching 61:1,2, 4</p> <p>sync 106:11,14</p> <p>synchronous 54:3,4 55:23,25 56:18 58:5 73:15</p> <p>system 10:23 37:4 39:20 40:15 43:10,11,13</p>	<p>44:12,13 45:1 46:13 53:18 55:2 61:14,24 75:13 92:11 107:2</p> <p>system's 10:24</p> <p>systems 29:7 51:3 53:9 112:14</p> <hr/> <p style="text-align: center;">T</p> <hr/> <p>T-U-C-K-E-R 100:13</p> <p>T30 44:15</p> <p>table 36:25</p> <p>tag 94:8</p> <p>takeaways 7:23</p> <p>takes 4:13 64:1</p> <p>taking 13:19 91:14 100:25 111:15,24</p> <p>talk 6:5,25 9:19 15:8 18:14 26:23 28:2 39:25 40:2 42:24 46:8 61:24 68:19 70:9,10 93:14</p> <p>talked 17:12 23:6 35:5 61:16 87:20 88:19 115:19</p> <p>talking 8:20 11:9 16:5 20:9,10 48:12 60:7 62:3 65:1 71:25 73:6 83:20,24 88:9 102:25</p> <p>talks 68:18 114:10</p> <p>tap 61:3</p> <p>target 37:15 78:1</p> <p>task 30:1</p> <p>tasks 88:25</p> <p>tax 91:6</p> <p>tax-based 91:7</p> <p>teach 2:20</p>
---	--	--	---	--

teal 21:15	23 8:16 11:25 13:20 14:9 24:13 40:10 47:5 61:21 62:8,20 63:1 64:9 71:16 72:23 76:25 81:10 83:24 85:13 87:14 93:3 108:1 112:18	85:13 88:10,13 116:16	tradesman 94:18 95:13 96:1	transmissional 56:4
team 3:24 5:12 34:2 77:3 117:14	thinking 106:14 109:6	Tom 2:4,12 4:11, 13 5:6,9 10:6 11:5,8 13:6,24,25 14:2 15:1,4 16:8 17:20 19:7 21:22 46:12 62:24 69:5, 6 70:4,5,16 72:5 80:25 82:5 86:22 111:7,10 112:4,6 113:18,22	traffic 37:3 76:11 114:23	transmissioning 50:6
team's 111:14	thought 10:7 15:7 16:5 20:22, 25 21:17 26:16 93:12	Tom's 79:13	trail 88:5,23 114:16	transmit 29:2
tech 19:23 20:12 106:7	thousands 105:22	tomorrow 23:24 41:13 43:21	trails 97:8	transmitting 58:14 65:5
technical 6:17 31:6 34:19 101:18 103:3 104:7	threw 39:9	tonight 5:13 6:5 8:3,16 16:5 18:1, 15 25:25 27:7,20 39:18 75:8,21 76:2,4,14 79:12 81:13 93:22 94:12 100:20 114:25 116:12	trained 95:21	transpired 4:15
technologies 47:23 108:9 112:19	thumbnail 112:21	tonight's 91:20	training 22:15,17	travels 91:15,24
technology 52:7, 8,14 53:7 60:16 61:7 67:9,17,22 106:25 107:6 108:8,16	tighten 40:11	top 19:24 36:6	transcript 103:8 117:18	Treasury 31:20 71:21 72:4
temper 108:17	tightening 40:17	topic 16:7 17:22 27:4 39:13 50:21 92:5	transcripts 117:22	treatment 22:14
ten 11:13 38:9,17	Tilhini 100:3,14	topics 7:24	transfer 38:21 100:1	treaty 74:23
ten-acre 48:11 67:14	time 8:1 12:15 15:21,22 27:2 29:16 32:19 35:15 38:1,4,12 43:20 45:11 62:18,21 63:2,4,7,13,25 64:7,20,25 65:19 66:21 67:25 68:4, 8 69:10 75:1,4 76:24 78:1 79:7, 15 80:12 82:22 83:9,25 85:2,3,12 91:15,17 93:17 94:25 97:10 98:19 107:18,23 108:3, 20 115:14 117:8	total 41:21	transferred 22:24	tremendously 97:23
tenant 7:20	timelines 77:18	touch 11:25 34:5 35:7 67:7	transform 47:18	tribal 29:19 32:6, 17 34:19 39:7 81:9 88:2,24 89:13 100:1,4,13 103:21 104:25 105:5
tent 21:8	times 62:9 73:6, 23	touches 28:4	transformed 56:3	tremendously 97:23
term 26:16	title 89:1	touching 46:11	transformer 48:11 53:19 55:15 60:21,23,24 73:11	tribe 100:3,8,15, 17
terminal 14:12	Tityu 100:2,14	toured 10:25	transformers 47:17 61:9,12 67:11	tribes 32:11 33:24
terminate 47:17	today 2:6 3:1 4:4 10:2 12:1 16:13 39:25 60:15 76:16	towed 36:10	transition 10:8 47:1 53:13 54:11, 12,19,23 77:5 107:5	tricky 73:10
terminates 55:14		town 87:18	transitions 77:2	trig 97:5
terms 10:8 23:8 39:25 41:5 42:3 43:11 44:10 47:3 67:16 74:14 110:19		TPP 42:15	transmission 4:25 8:10 12:7 20:1,2 29:4,5 34:5,6,11,15,17, 24 39:16,17,21 40:5,13,15,24 41:2,3,4,9,14,19 42:10 43:4,14,17, 24 44:5,6 45:1,9, 12,18 46:3,6,13 49:14 52:7,8 55:2, 10 57:1,2 61:6,14, 25 62:4,5 65:6 69:8 74:10,12,19 107:7 109:10 115:4	trips 9:16 67:1,3 68:15,18,19
terrestrial 11:23 51:19		track 34:20	transformed 56:3	trouble 29:15
territories 28:12		tracking 90:3	transformer 48:11 53:19 55:15 60:21,23,24 73:11	truck 9:15
testing 110:11,13		tracks 34:18	transformers 47:17 61:9,12 67:11	true 16:4 86:12 89:3
TF 78:24		trade 106:13	transition 10:8 47:1 53:13 54:11, 12,19,23 77:5 107:5	tucked 96:25
there'd 21:13,18		trades 95:16 96:16 97:9	transitions 77:2	Tucker 100:10, 12,13 103:25
thing 8:18 9:8 26:2 44:23 59:13 60:6 71:22 83:23 93:16 95:16 109:3			transmission 4:25 8:10 12:7 20:1,2 29:4,5 34:5,6,11,15,17, 24 39:16,17,21 40:5,13,15,24 41:2,3,4,9,14,19 42:10 43:4,14,17, 24 44:5,6 45:1,9, 12,18 46:3,6,13 49:14 52:7,8 55:2, 10 57:1,2 61:6,14, 25 62:4,5 65:6 69:8 74:10,12,19 107:7 109:10 115:4	Tucker's 103:17 105:5 112:7
things 4:14 6:7,8,			transmissioning 50:6	turbine 20:15 36:14
			transmit 29:2	turbines 28:23 29:2 36:10,19 52:17 62:2
			transmitting 58:14 65:5	
			transpired 4:15	
			travels 91:15,24	
			Treasury 31:20 71:21 72:4	
			treatment 22:14	
			treaty 74:23	
			tremendously 97:23	
			tribal 29:19 32:6, 17 34:19 39:7 81:9 88:2,24 89:13 100:1,4,13 103:21 104:25 105:5	
			tribe 100:3,8,15, 17	
			tribes 32:11 33:24	
			tricky 73:10	
			trig 97:5	
			trips 9:16 67:1,3 68:15,18,19	
			trouble 29:15	
			truck 9:15	
			true 16:4 86:12 89:3	
			tucked 96:25	
			Tucker 100:10, 12,13 103:25	
			Tucker's 103:17 105:5 112:7	
			turbine 20:15 36:14	
			turbines 28:23 29:2 36:10,19 52:17 62:2	

turf 92:24	unit 117:13	88:9,14	23 53:4,6,16,19 54:6 55:16 56:4, 19 58:4,12 61:8,9, 10	weigh 66:23
turn 2:16 3:20 4:11 13:3 86:22 102:14,17 117:2	United 16:20 114:13	Vanasupa 80:17 82:4,13,16	voltages 48:2	well-paying 79:19 80:9 86:3
turned 80:17 97:6	universe 83:19	variable 56:7	<hr/> W <hr/>	west 28:10 34:15, 16 35:24 51:16 97:18
tying 11:10	university 96:14, 15	variables 86:11	Wade 78:9	Western 95:10
type 34:25 37:11 38:10 52:7 67:14 93:22	unmute 101:9,11, 21,23 102:5	variety 22:13,18 41:23 78:24 108:1	wage 95:23	Whale 98:4
types 25:1,24 32:9 36:2,18 37:6, 23 38:5 41:23 65:7 71:16 93:3	unrealistic 83:23	vary 44:10 114:6	Walsh 101:21,25	wharf 38:14,19
typically 30:8 37:23 52:16,20 53:2,11 54:10,12	unregulated 81:16	vehicles 10:18, 19	wanted 9:20 10:7 34:5 36:1 46:1 49:11 73:24 87:7 97:20 103:16 104:16 105:8,16 106:2,5 107:16,19 117:6	whatsoever 84:1
<hr/> U <hr/>	unstable 84:6	vendors 66:16	warehouse 81:22	White 68:4
U.S. 28:6	upcoming 116:7	Ventura 95:11,24	warm 8:24	who'd 92:3
ultimately 6:22 16:15 25:13	update 76:18,24 114:10	venue 117:10	warning 92:6	wide 38:24
ultrasonic 110:11	updated 32:19 40:8	versus 60:11 69:13	Washington 2:7 28:12	Wild 88:2,8,25 115:23
unable 2:25	upgrade 35:16 37:18,24 38:10	vertical 58:22	waste 15:12 16:5 99:14 113:15	win 30:11,12
uncertainty 8:19	upgrades 50:6	vertically 56:22	watching 2:12 10:2	wind 4:23,24 8:5, 17 10:9,11 11:9, 23 12:10,11 14:12 20:23 23:8 27:5, 14,18 28:22,23 29:2,11,12,17 31:11,15,25 33:19 34:17,25 35:9,12, 13,16 36:2,8,9,14 37:17,19,25 39:5 40:18 41:18,20,24 42:1 44:11 45:13, 16,17,21 46:18, 19,22 48:19 49:14 50:21 51:2,13,21, 24 52:1,2,16,25 57:7,8,10,17,24 60:16,18 61:5 64:1 65:8 67:12 69:17 70:7 71:11, 14 74:8,11,17 85:25 96:8 98:1 106:22 107:4,7,23 108:4 110:7
underground 47:5,7	upgrading 23:3 61:25	vessel 10:15 38:21,24	waters 17:10 28:23	winding 109:13
understand 11:9 12:10 25:10 49:11,25 50:25 59:16 66:15 80:20 83:23 109:23	upper 8:7 101:17 103:2 114:1 115:5	vessels 10:16,19 36:21 62:1	watt 54:1	window 77:25
understanding 25:25 40:9 66:7 109:1	Utilities 9:2 40:7 41:1	veterans' 22:14	web 23:18,21	winds 109:4
understanding's 63:16	utility 16:11 17:8 50:12 55:2,6,11, 12 56:4 57:3,5,16 58:16 59:1 81:7, 15 82:2	video 84:11 114:9,12 117:16, 17,21	webinar 3:14	winning 31:20
understood 2:13	utility-owned 81:6	view 24:1 33:2 62:17 103:8 106:10 107:21	website 3:18 23:17,25 24:2 32:21 33:1 93:24 103:1,9 105:23 106:9 117:23	winter 78:8 116:21
undisturbed 98:16	utilization 47:7	views 104:3	weeks 64:15 103:9	
unilaterally 7:23	utilize 40:24 85:10	violently 100:18		
unique 33:16 52:5 96:23	utilized 35:3	virtually 76:17		
	utilizing 83:1	vision 92:23 105:23		
	<hr/> V <hr/>	visit 78:13		
	vague 93:17	visited 76:25		
	values 87:24	visitors 114:19		
		vista 96:8		
		visual 57:17		
		vocational 22:16		
		voltage 47:4,9,14 48:10 52:7,20,22,		

women 96:18	24:14 42:14 43:2
wonderful 94:17	78:3 87:18 89:8 114:19 116:24
wondering 11:15 24:19 66:21 82:23 110:14	year's 41:12 43:16 88:11
WOODRUFF 11:7 12:5,22 49:9, 19 68:25 74:5,25 87:7 105:16 115:15	years 9:16,22 15:11,12,24,25 16:12,13,14,21,25 17:3,12,13,19 26:13 29:16 30:6, 8,15 38:2,3,9 42:11 51:2,25 62:25 63:18,19, 20,22 64:16 68:6 71:23 93:19 99:12 108:2 113:14
wording 114:10	yellow 7:5,8 21:9 37:5
words 49:25	York 56:9 72:20
work 16:19 19:6 51:25 77:4,14 78:1 79:10 88:19 90:6 93:7 94:21 95:13,21 96:10,17 102:11 106:1 108:13	YTT 103:23
worked 92:20 104:1 107:24 108:14	zurts 21:14
working 12:9 76:16 84:18 102:24	<hr/> Z <hr/>
works 66:20	zone 7:6,8 72:10
workshops 93:25	zoned 6:6 109:3, 24 111:22
world 106:10	zones 75:4
worries 111:3	zoning 6:3 11:19 13:22 109:1 111:12,13,18 116:3
worth 4:23	zoning's 13:11
wrap 91:20	zoom 3:1,5,16 6:14 75:12 92:11 117:16
write 23:17	zooming 37:20
written 101:13 103:3 117:22	
wrong 49:16 84:2	
<hr/> Y <hr/>	
Yak 100:2,14	
yard 8:12 20:3,4	
yards 8:11 11:11 20:6 21:25	
year 4:15,18	