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BUSINESS MEETING
BEFORE THE
CALIFORNIA ENERGY COMMISSION

In the Matter of:)
) 18-BUSMTG-01
 Business Meeting)
_____)

CALIFORNIA ENERGY COMMISSION
THE WARREN-ALQUIST STATE ENERGY BUILDING
ART ROSENFELD HEARING ROOM - FIRST FLOOR
1516 NINTH STREET
SACRAMENTO, CALIFORNIA 95814

MONDAY, DECEMBER 10, 2018
10:00 A.M.

Reported by:
Peter Petty

APPEARANCES

Commissioners

Robert Weisenmiller, Chair
Karen Douglas
Janea Scott
David Hochschild
Andrew McAllister

Staff Present: (* Via WebEx)

Drew Bohan, Executive Director
Allan L. Ward, Assistant Chief Counsel
Alana Mathews, Public Adviser
Rosemary Avalos, Public Adviser's Office
Courtney Smith, Chief Deputy Director
Jared Babula, Senior Staff Counsel
Lisa DeCarlo, Staff Counsel
Mona Badie, Staff Counsel
Matt Chalmers, Staff Counsel
Jacqueline Moore, Staff Counsel
Cody Goldthrite, Secretariat
Brett Fooks, Engineering Office
Nancy Fletcher, Engineering Office
Tao Jiang, Engineering Office
Geoffrey Lesh, Engineering Office

Agenda Item

Eric Veerkamp	2, 3
Mary Dyas	4, 5
Lisa DeCarlo	5
Alana Mathews	6
Joseph Omoletski	7
Patrick Saxton	8
Payam Bozorgchami	9
Ingrid Neumann	10
Sebastian Serrato	11
Benson Gilbert	12

APPEARANCES (Cont.)

Agenda Item

Others Present (* Via WebEx)

Interested Parties

Samantha G. Neumyer, Ellison Schneider Harris & Donlan	2
Barbara McBride, Calpine	2
George Piantka, Walnut Creek Energy, LLC	3

Others Present (* Via WebEx)

Interested Parties (Cont.)

Eric Poff, Sacramento Municipal Utility District (SMUD)	4
Joe Schofield, SMUD	4
*Julie Neander, City of Arcata	10
*Wayne Leighty, Shell Hydrogen	11
Danny Kennedy, CalCEF	12

Public Comment (* Via WebEx)

Jim Hendricks, Herald Fire Protection	4
Steve Uhler, Self	4, 8
Kevin Messner, Association of Home Appliance Manufacturers (AHAM)	8
*Alberto Aloisi of the De' Longhi Appliances Group - read by Rosemary Avalos, CEC	8
*Michael Del Negro, General Electric (GE)	8
*Philip Hombroek, Midea America Corporation	8
*Johnson Choo, LG Electronics, USA, Inc.	8
*Phi Nguyen, Energy Solutions	8
*Joe Cain, Solar Industry	9

I N D E X

	Page
Proceedings	8
Items	
1. CONSENT CALENDAR	15
a. OTAY MESA ENERGY CENTER (99-AFC-05)	
b. GILROY COGENERATION PROJECT (84-AFC-04C)	
c. UNIVERSITY OF CALIFORNIA, BERKELEY, ENERGY INSTITUTE AT HAAS SCHOOL OF BUSINESS.	
d. WESTERN INTERSTATE ENERGY BOARD	
e. GAS TECHNOLOGY INSTITUTE	
2. QUICKSILVER GEOTHERMAL (FORMERLY PG&E GEYSERS 16) (79-AFC-05C), SOCRATES GEOTHERMAL (FORMERLY PG&E GEYSERS 18) (79-AFC-03C), AND GRANT (FORMERLY PG&E GEYSERS 20) (82-AFC-01C)	15
3. WALNUT CREEK ENERGY, LLC (WCE)	19
4. COSUMNES POWER PLANT (01-AFC-19C)	23
5. NV5, INC.	36
6. UPDATE ON DISADVANTAGED COMMUNITIES ADVISORY GROUP (DACAG) NEW MEMBER	38
7. PROPOSED ADOPTION OF THE GUIDELINES FOR CALIFORNIA'S SOLAR ELECTRIC INCENTIVE PROGRAMS (SENATE BILL 1), SEVENTH EDITION	39

I N D E X (Cont.)

8.	APPLIANCE EFFICIENCY REGULATIONS RULEMAKING FOR PORTABLE AIR CONDITIONERS	43
	a. NEGATIVE DECLARATION FOR THE PROPOSED APPLIANCE EFFICIENCY REGULATIONS FOR PORTABLE AIR CONDITIONERS	
	b. APPLIANCE EFFICIENCY REGULATIONS FOR PORTABLE AIR CONDITIONERS	
9.	2019 BUILDING ENERGY EFFICIENCY STANDARDS (ENERGY CODE) COMPLIANCE MANUALS	62
10.	CITY OF ARCATA	65
11.	LIGHT DUTY VEHICLE HYDROGEN REFUELING INFRASTRUCTURE OPERATION AND MAINTENANCE SUPPORT GRANTS, GFO-17-601	67
	a. EQUILON ENTERPRISES LLC DBA SHELL OIL PRODUCTS US	
12.	CALIFORNIA CLEAN ENERGY FUND DBA CALCEF VENTURES	71
13.	Minutes	76
14.	Lead Commissioner or Presiding Member Reports	76
15.	Chief Counsel's Report	108
	a. Pursuant to Government Code section 11126(e), the Energy Commission may adjourn to closed session with its legal counsel to discuss any of the following matters to which the Energy Commission is a party:	

15.	Chief Counsel's Report (Cont.)	108
	<ul style="list-style-type: none"> i. <i>In the Matter of U.S. Department of Energy (High Level Waste Repository) (Atomic Safety Licensing Board, CAB-04, 63-001-HLW); State of California v. United States Department of Energy (9th Cir. Docket No. 09-71014)</i> ii. <i>Communities for a Better Environment and Center for Biological Diversity v. Energy Resources Conservation and Development Commission, and California State Controller, (Alameda County Superior Court, Case No. RG13681262)</i> iii. <i>State Energy Resources Conservation and Development Commission v. Electricore, Inc. and ZeroTruck (Sacramento County Superior Court #34-2016-00204586)</i> iv. <i>Natural Resources Defense Council, Inc., et al. v. United States Department of Energy (Federal District Court, Northern District of California, #17-cv03404).</i> v. <i>City of Los Angeles, acting by and through, its Department of Water and Power v. Energy Commission (Los Angeles Superior Court, Case No. BS171477).</i> vi. <i>State Energy Resources Conservation and Development Commission v. City of San Jose, JUM Global, L.L.C. (Sacramento Superior Court, Case No. 34-2018-00230652).</i> 	
	<ul style="list-style-type: none"> b. Pursuant to Government Code section 11126(e), the Energy Commission may also discuss any judicial or administrative proceeding that was formally initiated after this agenda was published; or determine whether facts and circumstances exist that warrant the initiation of litigation, or that constitute a significant exposure to litigation against the Commission. 	
16.	Executive Director's Report	110

I N D E X (Cont.)

17. Public Adviser's Report	116
18. Public Comment	27, 46, 64, 119
Adjournment	122
Reporter's Certificate	123
Transcriber's Certificate	124

1
2
3
4
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6
7
8
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14
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P R O C E E D I N G S

DECEMBER 10, 2018 10:05 a.m.

CHAIRMAN WEISENMILLER: Good morning. Let's start the Business Meeting with the Pledge of Allegiance.

(Whereupon the Pledge is recited)

CHAIRMAN WEISENMILLER: Let's start the Business Meeting with a minute of silence for those Californians who died either in the North or mostly in the North and also in Southern California due to the fires.

(Whereupon a Moment of Silence is observed)

CHAIRMAN WEISENMILLER: Okay. Mr. McAllister and Drew both have been up to Paradise. Do you want to say a few words?

COMMISSIONER MCALLISTER: So Drew Bohan and I went up there Saturday before last, so a little over a week ago. And at that point they had not allowed residents back, so it was kind of an eerie experience, really. I mean I have to hand it to PG&E really, to Valerie for putting a trip together, Jill Wilson for shepherding us around and really showing us the extensive nature of the damage. And we drove all over Paradise.

It's a quite large incorporated area and just the devastation. I mean, you've all seen it on video and obviously afterwards in a blue sky, beautiful fall day it was kind of a little disconcerting really, to view the

1 devastation. But I had actually done a couple of decades
2 ago, assessments of grid impacts of a hurricane in the
3 Dominican Republic. And that was my reference point,
4 really, just the devastation there was tremendous. But it
5 was all kind of you could make sense of it. It was like
6 everything was sort of just snapped over in the same
7 direction and it looked like hurricane damage. And here,
8 all the trees were still standing and it was just kind of -
9 - it was very strange, you know? The combustible stuff was
10 the buildings and so all the buildings were gone, but most
11 of the trees were still there. Obviously a lot of those
12 trees have to be taken out.

13 But just the human toll and the amount of
14 destruction was just phenomenal. You all saw the wind and
15 stuff, so basically the embers just got blown from one
16 building to the next building. The most combustible thing
17 was the buildings, the stick-framed buildings, cinder block
18 and stucco did okay, but just everything else was just gone
19 and so just plot after plot was just the parameter
20 foundation, the chimney, the carcasses of the major
21 appliances, the fridge and the washer, dryer, if they had
22 them and a car. And that was it. Everything else was just
23 completely burnt.

24 And so there weren't many people around, so the
25 deer were kind of frolicking around and eating in the front

1 yards. They were still green. It was very bizarre.

2 And the amount of effort that -- and the rapidity
3 that PG&E has put together at a base camp and put 1,200
4 people and their crews from all over the country and just a
5 lot of work. The tree removal was just going crazy. Just
6 the focused attention was really notable as well. So I
7 mean I really hope that when people came back, they were
8 able to get a little bit of closure. But it's hard to see
9 really putting the pieces back together quickly.

10 The other experience I had with fires was down in
11 Southern California in 2007 where we tried to run a -- well
12 we ran with some ratepayer funds. We ran some programs to
13 get people to rebuild green and sustainable, to help them
14 do solar, help them do efficiency when they build back,
15 build more sustainably. And I'd say it was successful to
16 an extent, but it really wrestled with the reality that I
17 think we're going to definitely going to see here too,
18 which is every situation is different. Some people are
19 going to choose to rebuild. Some people are not. Some
20 people are fully insured. Many people are not fully
21 insured.

22 It's obviously a different demographic than other
23 fires. And so we'll just have to see what people choose to
24 do, but it's onesies and twosies. It's difficult to see
25 sort of order as you go through. In the next three to five

1 years, we'll see how and whether people rebuild. But I
2 think maybe we can take some instruction from what's
3 happening in Sonoma and how they've gotten going.

4 COMMISSIONER HOCHSCHILD: What portion of the new
5 homes that are going to be rebuilt will be done under our
6 new standards? Do you have a sense of making any
7 (indiscernible)

8 COMMISSIONER MCALLISTER: We don't know. That's
9 a great question. I mean, I think that's one of the big
10 unknowns. The new standards, which I'll definitely talk
11 about in my comments at the end, they go into effect on
12 January 1 of 2020. So to the extent rebuilds can pull
13 permits before then, they will be under our current
14 standards. And then if they pull permits after that
15 they'll be under the 2020 and 2019 Standards.

16 But either way I think we certainly need to
17 provide some specially attention to the building
18 departments in Paradise and Butte County to just help them
19 navigate whichever code they're operating under, but just
20 make sure that the energy piece of the code isn't the
21 issue. I mean I think they have lots of other things to
22 wrestle with. I mean fire protection, obviously, is a big
23 one. Lots of pieces of the Plumbing Code require
24 navigation and the building departments are always
25 stressed. And those building departments certainly will be

1 stressed, because they'll be dealing with a lot of
2 rebuilds.

3 But I think probably we'll see a wave of permits
4 just before 2020. And then as they trickle in after that,
5 we'll see permits a few months later begin to pick up
6 again. But most people that are planning to rebuild will
7 probably make an effort to pull their permit before the new
8 code comes in place. That's what we see every cycle,
9 really.

10 But I think the other piece of this -- and
11 certainly the challenge is a huge one and just a personal
12 impact on all the families here is just really
13 incomprehensible. But I do also think it's an opportunity
14 to build a community that is more resilient and do that in
15 an intentional way and hopefully marshal some resources to
16 help them do that. I mean I don't think you're going to
17 find all those resources locally. So it would help to -- I
18 think we absolutely need to have that broader conversation
19 about how we direct some resources to make sort of a model
20 rebuild effort in that place, because I think it certainly
21 needs it. It's a part of the state that is less than sort
22 of an affluent Bay Area, extended Bay Area.

23 And so I think we need to sort of take them in
24 that context and try to help as best as we can. Just the
25 scale of it was incredible. Tens of thousands of people

1 still displaced and it's going to take years for them to
2 trickle back. So everyone should really see it. I mean if
3 there's some what that -- obviously everybody can't go
4 through this site. And they've had security issues. It's
5 been quite a daunting task just to get the grid rebuilt.
6 They're starting to build back the -- well they actually
7 are far down the road. They've done all the transmission
8 coming in.

9 And then the distribution grid, they're actually
10 back at a record pace. I mean it's quite amazing to watch
11 how quickly they're getting the distribution grid back.
12 There are about 1,200 homes that are still standing and
13 habitable and people are now allowed to go back to, or will
14 be soon and so PG&E is trying to get the power to those
15 homes. Obviously, it's a small fraction of the homes that
16 were there before and so there's not going to be a lot of
17 revenue from these customers, but they have to get them
18 back connected.

19 And then what's the plan for the gas system is
20 also a big question. I think building it back, so that
21 people can have heat in the near-term is kind of the
22 quickest option. But also in the context of our
23 electrification goals and our decarbonization goals,
24 decarbonization and as a strategy for decarbonization,
25 electrification, they may be using sort of some near-term

1 solutions, like dropping in CNG facilities. And
2 encouraging propane for the near term, so they can kind of
3 figure out what makes sense for the long term.

4 So really hopefully we can make an opportunity
5 out of it and help extract some lessons, because this is
6 only going to keep happening. We all know climate change
7 happening. We all know that these fires are -- these
8 extreme weather events are going to continue and get
9 probably more extreme over time. So I think we have to
10 learn from this event and take some lessons from it. So
11 hopefully we can do it in an organized way, in a way that
12 helps that community recover.

13 But, I mean if Drew you want to add anything,
14 just the impact of this trip was -- it was pretty -- you
15 can understand why the people who are there are quite shell
16 shocked. I mean some of those folks are going to have
17 PTSD. It's really just tremendous, the impact that just it
18 has on the people there rebuilding, but certainly the
19 people who went through it I imagine are just -- it's
20 something obviously they'll never forget. But I was just -
21 - after a while you get overloaded. You can't take it in
22 because the scale is just so big.

23 So Drew, do you want to add something? Okay,
24 great. Thanks, Chair.

25 CHAIRMAN WEISENMILLER: Yeah, so let's go on to

14

1 the Consent items. We're going to split the Consent into
2 two pieces. First, let's deal with everything but d, and
3 then we'll deal with d.

4 COMMISSIONER SCOTT: Move everything, but d.

5 COMMISSIONER DOUGLAS: Second.

6 CHAIRMAN WEISENMILLER: All those in favor?

7 (Ayes.)

8 CHAIRMAN WEISENMILLER: These pass unanimously.

9 COMMISSIONER SCOTT: So on item 1d, I have
10 received travel reimbursements from the Western Interstate
11 Energy Board for my participation in their meetings. And
12 therefore, I will recuse myself from consideration of Item
13 1d.

14 (Commissioner Scott recuses herself.)

15 COMMISSIONER HOCHSCHILD: I move Item 1d.

16 COMMISSIONER MCALLISTER: I second.

17 CHAIRMAN WEISENMILLER: All those in favor?

18 (Ayes.)

19 CHAIRMAN WEISENMILLER: So this item passes 4-0
20 with one abstaining.

21 Let's go on to Item 2.

22 MR. VEERKAMP: Good morning, Commissioners. My
23 name is Eric Veerkamp. I work in the Compliance Unit of
24 the Siting Transmission and Environmental Protection
25 Division. I'm the Project Manager for the Geysers

1 Geothermal Projects Petition to amend, to make identical
2 modifications to the final decisions for three projects:
3 Quicksilver, Socrates and Grant.

4 I have with me this morning members of staff. I
5 have Jared Babula. I have Brett Fooks and also Tao Jiang
6 or Nancy Fletcher, excuse me, to answer any questions if
7 necessary.

8 The three projects: Quicksilver, Socrates and
9 Grant, are operational geothermal facilities, located in
10 Sonoma and Lake counties and were formerly known as PG&E
11 Geyser 16, 18 and 20 respectively.

12 The Petition to Amend requests three things.
13 First, it would authorize the replacement of temporary
14 portable emergency diesel engines with stationery permanent
15 emergency diesel engines for the cooling tower wet-down
16 systems. The new diesel engines would help aide in
17 preventing fire damage, such has happened with the cooling
18 towers at Grant and Socrates in the 2015 Valley fire.
19 Secondly, air quality conditions of certification would be
20 modified and reorganized to ensure that the decision would
21 agree with the applicable air district language for
22 Quicksilver, Socrates and Grant.

23 Finally, two new worker safety conditions of
24 certification would be added to maintain conformance with
25 the fire safety requirements.

1 In order to provide clarity and eliminate
2 confusion between air district conditions and Energy
3 Commission conditions of certification, staff has revised,
4 renumbered and reordered the conditions of certification
5 for consistency and to gain conformance with air district
6 permits for the projects.

7 Staff and the applicant worked cooperatively in
8 two public workshops on November 8th and November 15th, to
9 reach agreement on the substance of the new Worker Safety-1
10 condition, which in a separate process would ensure an
11 appropriate timetable to complete recommissioning of the
12 existing fire suppression system and cooling tower wet-down
13 system that will improve both systems.

14 Staff determined that with the adoption of the
15 amended conditions of certification, the proposed petition
16 will not have a significant effect on the environment and
17 will not affect the project's ability to continue to comply
18 with applicable LORS.

19 Staff is recommending approval of the petition to
20 install new permanent diesel engines and pumps for the
21 cooling tower wet-down systems at Quicksilver, Socrates and
22 Grant, along with the new proposed conditions of
23 certification.

24 I would be happy to take any questions you may
25 have. And I would also note that we have representatives

1 from the project owner here as well.

2 CHAIRMAN WEISENMILLER: Thank you.

3 Applicant?

4 MS. NEUMYER: Good morning, Samantha Neumyer,
5 with Ellison Schneider Harris & Donlan. On behalf of the
6 project owners with me today is Barbara McBride also from
7 the project owners.

8 We would like to thank staff for the couple of
9 workshops that they held, so that we could discuss the
10 conditions of certification. We appreciate all of the work
11 and collaborative nature of the efforts to make the
12 conditions better. We support staff's recommendation and
13 their revised conditions of certification and we're here to
14 answer any questions. Thank you.

15 CHAIRMAN WEISENMILLER: Thank you.

16 Is there any comment from anyone in the room?
17 Anyone on the line? I think we have one party on the -- I
18 see Walnut Creek, no that's for 3.

19 Okay. So let's go to the full Commission.

20 COMMISSIONER DOUGLAS: You know, I think the
21 amendment's been described pretty well. I recommend it for
22 the Commission's approval. If there are no questions, I'll
23 go ahead and move approval.

24 COMMISSIONER MCALLISTER: I'll second.

25 CHAIRMAN WEISENMILLER: Okay. All those in

1 favor?

2 (Ayes.)

3 CHAIRMAN WEISENMILLER: This item passes 5-0.

4 Thank you. Let's go on to 3, Walnut Creek Energy.

5 MR. VEERKAMP: Good morning, Eric Veerkamp again.

6 I'm also the Project Manager for the Walnut Creek Energy's

7 petition requesting to modify conditions of certification,

8 including air quality and worker safety, contained in the

9 Walnut Creek Energy Park Final Decision.

10 And with me this morning is Lisa DeCarlo, Staff

11 Counsel, and Tao Jiang and Geoff Lesh of our Engineering

12 Unit to respond to any questions as necessary. And we

13 also have a representative of the project owner as well,

14 Mr. George Piantka.

15 The Walnut Creek Energy Park was licensed on

16 February 27th, 2008 and is a 500 megawatt simple cycle gas-

17 fired peaking power plant, located in the City of Industry

18 in Los Angeles County.

19 On October 4th of 2017 Walnut Creek Energy

20 submitted a petition to amend to modify the final decision

21 for the Walnut Creek Energy Park. Walnut Creek Energy is

22 requesting revisions to AQ-4 for the ammonia emission limit

23 and revisions to AQ-7 to add clarifying language pertaining

24 to particulates. Walnut Creek Energy is also requesting a

25 change to Worker Safety-5 to remove outdated language

1 related to training security guards in the use of emergency
2 equipment.

3 And I see that I printed -- I have some
4 additional information about the request to remove Worker
5 Safety-5. There are other measures that will require that
6 two staff at any given time are trained in the use of the
7 emergency equipment, the defibrillator to be specific. The
8 facility does not employ security guards now, so that's why
9 they're requesting to remove the language specific to
10 training the security guards. And I'm sorry I didn't have
11 that language in my printed version.

12 The proposed modification to AQ-7 is to remain in
13 keeping with current technology practices to address
14 specific testing conditions and overall to maintain
15 consistency with the South Coast Air Quality Management
16 District's Title V permit, issued on September 28th of
17 2017.

18 The petition stated that the intent of the
19 proposed modification to AQ-4 was to be consistent with
20 emission standards for some older projects. However, staff
21 finds the change to be inappropriate and is therefore
22 proposing to reject it.

23 The proposed modification to Worker Safety-5 is
24 to address changing operational circumstances since the
25 original license was approved. With no security guards in

1 the employ of the facility, Walnut Creek Energy is unable
2 to comply with the condition as written. The approved
3 security plan does not require security guards, so the
4 language change will bring about consistency between the
5 plan and Worker Safety-5.

6 The amended condition of certification still
7 requires a minimum of two personnel per shift to be trained
8 in the use of a defibrillator.

9 Staff is recommending rejecting the proposed
10 revision to AQ-4 as it would reduce the precision of the
11 emission limit and potentially increase the limit by 0.5
12 parts per million by volume.

13 The South Coast Air Quality Management District
14 is also rejecting that request. Staff is recommending
15 accepting the proposed revisions to AQ-7 to conform to
16 current testing protocol and current technology. Staff is
17 also recommending accepting the proposed change to Worker
18 Safety-5 eliminating the requirements for security guards
19 to be trained in the use of the defibrillator.

20 In response to the petition, staff has proposed a
21 number of other changes to air quality conditions including
22 modified and/or revised conditions, new conditions and one
23 deleted condition. The changes are necessary to update the
24 Commission's decision to conform with changes made to the
25 project's Title V air quality permit and are administrative

1 in nature.

2 Staff has concluded that the proposed change to
3 the Walnut Creek Energy Park's final decision complies with
4 the requirements of Title 20 Section 1769(a) of the
5 California Code of Regulations and recommends approval of
6 the Walnut Creek Energy's request to modify conditions of
7 certification.

8 Staff concluded that the proposed language
9 revisions will not result in any physical changes to the
10 project. They will not have a significant effect on the
11 environment and will not affect the project's ability to
12 continue to comply with applicable laws, ordinances,
13 regulations or standards with the adoption of the amended
14 conditions of certification.

15 Staff would be happy to take any questions you
16 might have.

17 CHAIRMAN WEISENMILLER: Thank you.

18 Applicant?

19 MR. PIANTKA: Good morning Chair and fellow
20 Commissioners. I'm George Piantka with NRG. I'm the
21 Senior Director of Environmental and I'm here representing
22 Walnut Creek Energy, LLC. On the phone we have our Plant
23 Manager, Rick McPherson, and our Environmental Specialist
24 Heather MacLeod. We, as on behalf of the Applicant, are
25 comfortable with the analysis, have really no further

1 comments. I just wanted to thank the staff for their work.
2 This is really an effort to catch up the license with the
3 Title V, a number of administrative changes that were put
4 forth with Title V with South Coast AQMD and this is the
5 outcome of that effort. Thank you.

6 CHAIRMAN WEISENMILLER: Thank you.

7 Any comments from anyone in the room? Anyone on
8 the phone? Well, I should say anyone other than the NRG
9 representatives on the phone?

10 OPERATOR: The line is open.

11 (No audible response.)

12 CHAIRMAN WEISENMILLER: Okay, I think then let's
13 transition to the Commissioners. Commissioner Douglas?

14 COMMISSIONER DOUGLAS: Well I've reviewed this
15 material as well and recommend it for the Commission's
16 approval. I want to thank staff and the Applicant for
17 their work on this and the prior item, so I'll move
18 approval of this item.

19 COMMISSIONER SCOTT: Second.

20 CHAIRMAN WEISENMILLER: All those in favor?

21 (Ayes.)

22 CHAIRMAN WEISENMILLER: This item also passes 5-
23 0. Thank you.

24 Let's go on to Item 4.

25 MS. DYAS: Good morning, Commissioners. My name

1 is Mary Dyas. I'm the Compliance Project Manager for the
2 Cosumnes Power Plant. With me this morning is staff
3 attorney, Lisa DeCarlo, and technical staff is in
4 attendance as well as representatives from the project.
5 Today, staff is requesting approval of a petition to amend
6 the Commission's final decision for the Cosumnes Power
7 Plant. The proposed modifications will increase the
8 capacity of the facility from 534 megawatts to 603
9 megawatts.

10 The Cosumnes Power Plant is a 534 megawatt
11 combined cycle natural gas facility located adjacent to the
12 former Rancho Seco Nuclear plant in Southern Sacramento
13 County. The project was certified by the Energy Commission
14 in September 2003 and began commercial operation in
15 February of 2006. The project was licensed as a 1,000
16 megawatt project consisting of two power blocks of 500
17 megawatts each and to date only one power block has been
18 constructed.

19 On January 8th, 2018 staff approved the
20 installation of advanced gas path upgrade components,
21 installation of dry-low oxides of nitrogen 2.6 combustors
22 and installation of oxygen catalyst system and a heat
23 recovery steam generator.

24 On August 29th, 2018 the project owner, SMUD,
25 Sacramento Municipal Utility District Financing Authority,

1 filed a petition to amend with the Energy Commission
2 requesting to operate the facility with the previously
3 installed components. The petition proposes to increase
4 the electrical production from each of the two licensed
5 combustion turbine generators, increase each combustion
6 turbine's licensed fuel consumption, and increase air
7 emission limits commensurate with the increased fuel
8 consumption. The proposed modifications will increase the
9 overall electrical output of the facility from 534
10 megawatts to 603 megawatts, which is within the electrical
11 generation previously approved for the site.

12 Staff reviewed the petition to amend and
13 associated materials and determined that air quality is the
14 only technical area requiring proposed newly revised
15 conditions of certification in order to ensure compliance
16 with laws, ordinances, regulations and standards and to
17 reduce potential environmental impacts to a less than
18 significant level. Staff recommends restructuring and
19 updating the air quality conditions of certifications to
20 include the addition of a description of the applicable
21 equipment and the addition of three new conditions of
22 certification: AQ-5, AQ-7 and AQ-24.

23 Additional changes include the deletion of
24 duplicate and outdated conditions, amending conditions to
25 incorporate the operational changes including the resulting

1 emission increases and updating mitigation conditions of
2 certification.

3 One member of the public has submitted various
4 comments on both the petition and on staff's analysis. On
5 October 24th, 2018 the Herald Fire Protection District
6 submitted comments on the petition to amend.

7 To the extent relevant, staff responded to
8 comments in staff's November 8th, 2018 analysis of the
9 petition. Staff also responded to previous and additional
10 comments in a separate response to comments document
11 docketed on December 6th, 2018.

12 Further comments were received from the public on
13 Friday, December 7th, 2018, that repeat questions that
14 staff addressed in their December 6th response to comments.
15 And I believe you have a copy of those before you.

16 On December 3rd, 2018 the project owner provided
17 comments on staff's analysis. Staff has reviewed the
18 project owner's comments and concurs with the proposed
19 condition changes with one exception to the requested
20 language of AQ-15 A.i. Staff recommended alternative
21 language for this provision in its response to comments
22 filed on December 6th, 2018.

23 Staff concludes that the changes proposed in this
24 amendment and supplementary materials comply with the
25 requirements of Title 20 Section 1769(a) of the California

1 Code of Regulations, and recommends approval of the project
2 modifications and associated additions and revisions of the
3 air quality conditions of certification. Thank you. And
4 we're available if you have any questions.

5 CHAIRMAN WEISENMILLER: Okay, great. Thank you.
6 Applicant?

7 MR. POFF: Good morning. My name is Eric Poff.
8 I'm the Manager for the Thermal Generation Assets for SMUD.
9 I'd like to introduce to my right, Joe Schofield, who's our
10 Deputy General Counsel for SMUD. And we just would like to
11 take a moment to thank the Commission for this time this
12 morning to consider this project. We'd also like to
13 appreciate the California Energy Commission staff for their
14 thorough review and recommendation for approval. And we'd
15 also like to recognize the Sacramento Metropolitan Air
16 Quality Management District staff for their thorough review
17 of this project and their recommendation for approval.
18 Thank you.

19 CHAIRMAN WEISENMILLER: Okay. Thank you.

20 So let's start with public comment in the room.
21 Let's start with Fire Protection District. Please, come up
22 to the microphone and identify yourself for the court
23 reporter.

24 MR. HENDRICKS: Hi, my name is James Hendricks.
25 I'm the Fire Chief for the Herald Fire Protection District.

1 CHAIRMAN WEISENMILLER: Is the microphone on?

2 MR. HENDRICKS: I believe it is. And at this
3 point we stand opposed to the project or would at least
4 request a delay in the vote until we can work out a
5 contract with SMUD to provide better fire protection for
6 the facility.

7 We have had a problem with that facility since
8 its construction. And we continue to have a problem with
9 fire protection at that facility. If you look at the
10 paperwork that was filed in the past, and currently, you'll
11 find that the facility is only built to provide fire
12 protection for two hours. In other wards use the fire
13 sprinklers and 500 gpm out of a fire hydrant that's located
14 next to the plant. And there's only one way in and one way
15 out.

16 The CO2 detection systems that provide the
17 protection for the actual generators themselves, when they
18 discharge, will discharge for 20 seconds. And they have
19 provided a single person onsite with seven hours of fire
20 prevention training. So what we're looking at is 20
21 seconds worth of a discharge, 2 hours' worth of 500 gpm
22 fire protection, and one person with seven hours' worth of
23 training and one way in and one way out.

24 MR. HENDRICKS: Okay.

25 CHAIRMAN WEISENMILLER: What we would like to do

1 is work with SMUD and bring about a change to that, to make
2 sure that we can provide that better service in the future.

3 CHAIRMAN WEISENMILLER: Thank you.

4 We have one other -- also Mr. Uhler has comments.
5 Let's get his comments and then I'll ask the Applicant and
6 staff to respond to you. Please have a seat for a second.

7 Please, come on up.

8 MR. UHLER: Thank you, Commissioners.

9 I'd asked some questions of the staff and
10 responses lead me to concern that the staff realizes that
11 you put IDs on power plants, and there is a supplement to
12 the petition that lists some solar power plants that they
13 have not identified those.

14 You have Title 20 1304 that requires them to
15 report or whoever owns those plants to report the outputs
16 of them. As a member of the public, I've already found out
17 that your staff can decide to allow SMUD to not provide
18 power content labels for voluntary products. I'm looking
19 for any which way to find out this information. They
20 haven't provided me with the information on the solar
21 plants or any of the other plants, using your ID system.

22 I see this as a major weakness throughout. I've
23 actually assisted some of your staff to say, "Hey, your
24 renewable net short is missing some renewables". And it's
25 like you must not have an inventory control system.

1 So also your staff doesn't think that I should
2 know the qualifications of the legal staff who are making
3 legal opinions. I've asked about things related to T-
4 norms, technologically enhanced naturally occurring
5 radioactive materials. Whether or not Sacramento County
6 has the ability to identify those, the staff says that
7 there is lead monitoring. But if you go to the site it
8 doesn't list it. Well, it turns out they only list real
9 time there. And they don't look to see whether or not
10 radioactive materials are caught in that.

11 Now, up at Paradise the EPA is running around
12 with Geiger counters getting counts. I think we need to
13 pay attention to what happens to directionally drilled
14 wells, because these are all going into old sea beds. And
15 that's an area that this stuff builds up and if they start
16 using water to get that out, we need to keep an eye on
17 those type of items.

18 So I'm opposed to this, because your staff, when
19 I give them a picture, aerial view of Hedge -- and a
20 typical way that somebody decides how much solar they can
21 have is to say how much area, because there's an efficiency
22 ratio. And it's like -- and I also give them a one-
23 megawatt plant. They say it's a megawatt-and-a-half. It's
24 also a plant that QFER shows very little output time, so I
25 oppose this. Thank you.

1 CHAIRMAN WEISENMILLER: Thank you.

2 Let's start with the Applicant. Do you have
3 responses to either of the parties or hopefully you can
4 respond to both of the parties on this. And then I'll ask
5 staff for their comments.

6 MR. POFF: So to address the first, the Herald
7 Fire Department's concerns. We've read his concerns and
8 we've went back and did a thorough review into our fire
9 protection systems. And our reviews show that we exceed
10 all NFPA, National Fire Protection Association, regulatory
11 requirements. Not only do we meet them we exceed them with
12 all the systems, sprinkler systems, water storage
13 facilities, fire hydrants. So we feel very confident in
14 our current structure to fight a fire, but we are more than
15 happy to work with Herald Fire Department.

16 We've had, I believe, a very constructive
17 relationship in the past. We have annual training
18 exercises where we'll do high-angle rescues or man-down
19 type of exercises to benefit both the site and the Herald
20 Fire Department and we want to continue that relationship.
21 So we value it and we want to continue working with Herald
22 to make it the safest place.

23 MR. SCHOFIELD: As an additional comment, the
24 concerns of the Herald Fire Department are not directly
25 connected to the actual petition that's being proposed for

1 a vote today, so we would oppose delaying the vote.

2 CHAIRMAN WEISENMILLER: Would you please also
3 comment on the public member, Public Intervener?

4 MR. POFF: I believe our comments were addressed
5 in our written responses. I don't have anything more to
6 add to that.

7 CHAIRMAN WEISENMILLER: Okay. Thank you.
8 Staff?

9 MS. DECARLO: Good morning, Lisa DeCarlo, Energy
10 Commission Staff Attorney. With regard to the Fire
11 District's comments, staff concluded with the original
12 certification that the project would not result in any
13 significant impacts to fire protection and the proposed
14 project at the time complied with all LORS. With regard to
15 the petition in front of you, currently the staff concluded
16 that the petition did not raise any new issues with regard
17 to fire protection that required additional analysis. So
18 it did not trigger an additional review of the fire
19 protection issues.

20 Nevertheless, staff did address the fire
21 department's comments in our analysis and concluded that
22 they are comfortable that the project, as modified with the
23 proposed modification, would not result in any significant
24 impacts with regards to fire protection and would comply
25 with all current LORS.

1 With regard to Mr. Uhler's comments, staff did
2 respond to them both in our analysis. We incorporated his
3 comments into our staff analysis and we also issued a
4 separate response to comments specifically going item-by-
5 item and addressing his comments that way. A lot of
6 his comments do not relate directly to the proposed
7 petition. They relate to SMUD's compliance with other
8 requirements, particularly the Power Source Disclosure
9 Regulations and some others. So to the extent that the
10 comments raised issues that were not relevant to the
11 petition we did not address those. But we did address all
12 the relevant comments that he made.

13 CHAIRMAN WEISENMILLER: Okay. Thank you.

14 Let's transition to the Commissioners.
15 Commissioner Douglas?

16 COMMISSIONER DOUGLAS: I guess I have two main --
17 well first of all, I've reviewed the materials and I'm
18 comfortable with them. I did want to hear what the
19 commenters had to say today. And I do agree with staff and
20 the Applicant and SMUD that when an applicant goes in for
21 an amendment that pertains to one portion of a license, it
22 doesn't cause us to reopen the entire license. And yet, I
23 am glad to hear both SMUD and staff say that nevertheless,
24 they took a second look at the fire protection requirements
25 and that SMUD is ready to continue talking to the fire

1 district, because that's obviously important.

2 And licenses are granted and time passes and
3 standards get better. And the fact that we don't use
4 necessarily every amendment to relook at the entire license
5 and make everything better doesn't mean that we don't want
6 people to always strive for the best safety and operational
7 efficiency and parameters and notification and all of that,
8 that they can.

9 So I listened with some interest to Mr. Uhler's
10 comments. They do seem to pertain to some broader issues
11 around power source disclosure or around other items rather
12 than the specifics of the amendment before us. But I
13 wanted to ask staff to the extent that in the comments they
14 did address the amendment before us. You've said that you
15 responded in obviously both the response to comments and a
16 separate response to comments. What would you say are some
17 of the comments that did more specifically respond to the
18 amendment? I'm particularly -- you know, just want to
19 double check that those were responded to with the
20 necessary thoroughness.

21 MS. DECARLO: Certainly, and we do have staff
22 here to provide more detail if the Commissioners want it.

23 COMMISSIONER DOUGLAS: Okay.

24 MS. DECARLO: One of the concerns he had was with
25 regards to the Hedge Solar facility, I believe it's on the

1 site or nearby. He was concerned about the exact
2 production of that facility, how many megawatts it actually
3 produces. And we can't necessarily pin that down exactly,
4 but we know enough about its production to know that the
5 transmission system can accommodate the revision proposed
6 in the petition, knowing that that plant is producing. So
7 to the extent it affected the analysis we had the
8 information we needed on that.

9 He's concerned that we didn't identify it by its
10 ID number, but we traditionally do not do that in analysis
11 for siting projects. We identify them by their name and
12 location.

13 He also raised some concerns about T-norms and
14 lead content of the natural gas that's going to be used.
15 And Nancy Fletcher, our Air Quality Analyst is here to
16 respond to that, but we've concluded that there aren't any
17 significant issues with regard to that. I mean, it's
18 natural gas. It's the same issues associated with all
19 natural gas facilities and we analyzed that and concluded
20 there were no significant (indiscernible) and all the LORS
21 were being followed.

22 COMMISSIONER DOUGLAS: All right. Well, those
23 responses are helpful and I want to see if there are any
24 other questions and it doesn't look like it. So I'll move
25 this item for approval.

1 COMMISSIONER SCOTT: Second.

2 CHAIRMAN WEISENMILLER: Okay, all those in favor?

3 (Ayes.)

4 CHAIRMAN WEISENMILLER: This item passes 5-0.

5 Thank you.

6 Let's go on to Item 5.

7 MS. DYAS: Good morning, Commissioners. My name
8 is Mary Dyas and I'm the Compliance Project Manager for the
9 Stanton Energy Reliability Center request for
10 qualifications.

11 Today staff is seeking approval of the proposed
12 resolution approving an agreement with NV5 for a zero sum
13 contract with the Energy Commission to provide Delegate
14 Chief Building Official services for the Stanton Energy
15 Reliability Center. If approved NV5 will enter into a
16 separate agreement with W Power, the project owner, for
17 payment.

18 The Energy Commission is the Chief Building
19 Official for all power plants under the Energy Commission's
20 jurisdiction and is authorized to designate a Delegate
21 Chief Building Official to assist with Energy Commission's
22 Chief Building Official responsibilities.

23 To delegate this authority the Energy Commission
24 released a request for qualifications to select the most
25 qualified firm to provide Delegate Chief Building Official

1 services for the Stanton Energy Reliability Center.
2 Through this process three firms provided bids and NV5
3 received the highest score through a competitive bid
4 process.

5 The Energy Commission has also established hourly
6 rates through a rate negotiation process. If the agreement
7 is approved, NV5 and W Power will negotiate a separate
8 contract for payment with the rates that staff has
9 established in our agreement with NV5. The Energy
10 Commission will be named as a third-party beneficiary to
11 the agreement to insure enforcement rights by the Energy
12 Commission.

13 At this time, staff is requesting approval of the
14 contract and the assignment of NV5 as the Delegate Chief
15 Building Official for the Stanton Energy Reliability
16 Center. Thank you.

17 CHAIRMAN WEISENMILLER: Thank you.

18 Is there any comments from anyone in the room?
19 Anyone on the phone?

20 (No audible response.)

21 CHAIRMAN WEISENMILLER: Then let's transition to
22 Commissioner Douglas.

23 COMMISSIONER DOUGLAS: I move approval of this
24 item.

25 COMMISSIONER MCALLISTER: Second.

1 CHAIRMAN WEISENMILLER: All those in favor?

2 (Ayes.)

3 CHAIRMAN WEISENMILLER: This passes 5-0. Thank
4 you. Thank you.

5 Let's go on to Item 6. Alana, we're on Item 6.

6 MS. MATHEWS: Good afternoon, Commissioners. I'm
7 here to provide an update on the new Representative from
8 the SB 350 Disadvantaged Advisory Group. And a new
9 Representative has been appointed by the Governor's Office
10 Tribal Liaison. It is Ms. Jana Ganion. She is the Energy
11 Director for the Blue Lake Rancheria where she helped
12 establish the tribe's energy strategy and developed
13 projects in energy efficiency, renewable energy, green
14 fuels and community resiliency including biomass,
15 biodiesel, electric vehicle infrastructure. And her latest
16 project is a combination of distributed generation solar
17 grid battery storage and micro grid.

18 Ms. Ganion currently serves on the U.S.
19 Department of Energy Office of Indian Country Energy
20 Infrastructure Working Group. Any questions?

21 COMMISSIONER DOUGLAS: Just a comment. I've had
22 the opportunity to work Jana for years now and she is
23 really thoughtful and really knowledgeable and exercises a
24 lot of leadership in the area of tribal energy initiatives,
25 more generally. So I'm pretty excited to have her working

38

1 on this as part of the task force. And I think she'll
2 really be able to help out.

3 CHAIRMAN WEISENMILLER: Great.

4 Any public comment from anyone in the room?

5 Anyone on the line? Okay.

6 COMMISSIONER SCOTT: Can I just add to
7 Commissioner Douglas's remarks? I'm also very excited. We
8 have a terrific level of expertise on our Disadvantaged
9 Advisory Group and to be able to add Ms. Ganion to this is
10 very exciting, so I'm looking forward to working with her
11 as well.

12 COMMISSIONER DOUGLAS: Great, so I'll move a --
13 is this a vote? Oh, it's just information. Okay, great.

14 CHAIRMAN WEISENMILLER: Great, so let's go on to
15 Item 7.

16 MR. OMOLETSKI: Good morning Chair Weisenmiller
17 and Commissioners. My name is Joseph Omoletski and I'm
18 representing the Renewable Energy Division. I am one of
19 the technical staff that works on maintaining the Energy
20 Commission's list of solar equipment. With me in the room
21 also is Staff Counsel Mona Badie as well as Division staff
22 and management if you have any questions.

23 I'm going to ask for your support to approve the
24 adoption of the Guidelines for California Solar Electric
25 Incentive Programs, Seventh Edition. The substantive

1 changes made in this edition of the guidelines includes the
2 addition to equipment standards and testing requirements to
3 address CPUC Rule 21 Smart Inverter Phase 2 and Phase 3
4 requirements, current PV Module Safety Standards and
5 optional PV Module Performance and Design Qualifications
6 Standards.

7 This update also adds energy storage safety
8 requirements, as well as makes revisions to the process to
9 delist obsolete and unsupported equipment. These changes
10 update the guidelines to align the list with current
11 industry practices in the current solar market. Senate
12 Bill 1 established the California Solar Initiative and with
13 it, it tasked the Energy Commission with establishing
14 general incentive program criteria as well as equipment
15 rating standards. The lists were created, in part, to meet
16 that requirement of developing rating standards.

17 Over the past decade, the lists have grown to
18 over 20,000 PV modules and over 3,000 inverters. The lists
19 are used by incentive programs throughout California, as
20 well as in many states throughout the country. The list
21 also assists with the streamlined processing of
22 interconnection applications for the investor owned
23 utilities. And finally, it serves as a single information
24 source for many parties including utilities, companies,
25 designers, and general members of the public.

1 Similar recent accomplishments for lists of solar
2 equipment include supporting the initial Phase 1 smart
3 inverter requirements to ensure the continued streamlined
4 processing of interconnection applications, incorporating
5 modifications that were made to those Phase 1 requirements
6 to ensure that the list continues to serve as a central
7 information source. And finally, staff has established
8 working relationships with investor owned utilities,
9 publicly owned utilities, manufacturers, labs and trade
10 groups to ensure that we are fully engaged with the
11 industry.

12 These draft guidelines were developed with
13 thorough public input and staff went through multiple
14 revisions to ensure all the public comment was
15 incorporated.

16 Staff held two separate workshops, one a Lead
17 Commissioner workshop on August 16th and a draft guidelines
18 workshop on October 19th. Public comment periods were
19 provided after each of these workshops.

20 Staff held meetings and conference calls with
21 different commenters and partners including labs, trade
22 groups, utilities and manufacturers to ensure that all the
23 concerns and comments were incorporated and addressed.
24 Finally staff have been incorporated with CPUC and have

1 participated in CPUC-led working groups to insure alignment
2 between the two agencies.

3 Staff requests your approval to adopt the Seventh
4 Edition of the Guidelines for California Solar Electric
5 Incentive Programs. Your approval of this update to the
6 guidelines will ensure the Energy Commission's list of
7 solar equipment remain the definitive resource for
8 industry.

9 First, the list can continue to support smart
10 inverter requirements including those that are scheduled to
11 go into effect early next year.

12 Second, the list can assist the successful
13 implementation of the 2019 Building Energy Efficiency
14 Standards. And our division staff remains in collaboration
15 with the Efficiency Division staff on that.

16 Third, the list will provide much needed
17 information regarding energy storage.

18 Staff will continue to work with utilities,
19 industry and lab on all future list developments. Thank
20 you for your time and consideration. And I am available
21 for any questions you may have.

22 CHAIRMAN WEISENMILLER: Thank you.

23 Any comments from anyone in the room? Anyone on
24 the line?

25 (No audible response.)

1 CHAIRMAN WEISENMILLER: Okay. Commissioner
2 Hochschild?

3 COMMISSIONER HOCHSCHILD: Thank you, Mr.
4 Chairman. Thank you Joseph and the whole team.

5 I will just note that next month we expect to
6 have 1 million solar roofs in California. And the list has
7 played an absolutely essential role in keep shoddy,
8 dangerous equipment off the market. And that's why it's
9 used so widely around the United States. And is a real
10 tribute, I think to try and get out in front of some of the
11 issues, particularly around fire and so forth. So I think
12 it's been very successful and look forward to continued
13 success and thank the team for doing a good job managing
14 it.

15 Unless there's other comments I would move the
16 item.

17 COMMISSIONER DOUGLAS: Second.

18 CHAIRMAN WEISENMILLER: All those in favor?

19 (Ayes.)

20 CHAIRMAN WEISENMILLER: So this passes 5-0.

21 Thank you.

22 MR. OMOLETSKI: Thank you

23 CHAIRMAN WEISENMILLER: Let's go on to Item 8.

24 MR. SAXTON: Good morning Chair and
25 Commissioners. My name is Patrick Saxton and I'm an

1 Engineer in the Appliances Office in the Commission's
2 Efficiency Division. With me is Matt Chalmers from the
3 Chief Counsel's Office.

4 Staff is proposing the adoption of a resolution
5 encompassing two items related to amending the California
6 Appliance Efficiency Regulations. The two items are one,
7 the proposed negative declaration under the California
8 Environmental Quality Act, or CEQA. And two, proposed
9 regulatory language that incorporates a minimum efficiency
10 performance standard and certification requirements for
11 portable air conditioners; I have a short presentation
12 related to this item.

13 Staff evaluated this project under CEQA and
14 determined the proposed efficiency standard will reduce
15 future electricity consumption and the criteria pollutants
16 and other particulates that result from fossil fuel
17 generated electricity.

18 The standard will not result in significant
19 changes to the way portable air conditioners are
20 manufactured or the materials used to produce them. Staff
21 made a finding of no significant adverse effect on the
22 environment for this project. No comments were received
23 during the 30-day public comment period.

24 The proposed efficiency standard leverages work
25 initially completed by the U.S. Department of Energy, or

1 DOE. DOE completed their entire analysis and pre-published
2 a final rule on December 28th, 2016. Because the DOE final
3 rule was never implemented there is no preemption and
4 California is free to implement state efficiency standards
5 for portable air conditioners.

6 The images on this slide represent the types of
7 products covered, specifically single and dual duct
8 portable air conditioners that attach to an adjustable
9 window bracket.

10 The scope of the proposed standard excludes spot
11 air conditioners such as the ones shown on this slide.
12 Spot air conditioners either have no ducts, or have ducts
13 that do not attach to an adjustable window bracket. The
14 Energy Condition has existing test and list requirements
15 for spot air conditioners. The proposed regulations do not
16 make any change to those requirements.

17 This chart represents the mathematical formula
18 for the proposed minimum efficiency standard for portable
19 air conditioners. Portable air conditioners would be
20 required to achieve a minimum combined energy efficiency
21 ratio, or CEER, which is depicted on the vertical axis, for
22 a given seasonal adjusted cooling capacity or SACC, which
23 is depicted on the horizontal axis.

24 The solid blue curve at the bottom represents the
25 baseline current market average efficiency of portable air

1 conditioners. The dashed green curve at the top represents
2 the maximum technically feasible efficiency level, EL 4.

3 The standard is proposed at Efficiency Level 2,
4 which is the same as DOE's pre-publication final rule. EL
5 2 represents the efficiency level where DOE determined the
6 ratio of measured CEER to nominal CEER corresponds to the
7 maximum available efficiency across a full range of
8 portable air conditioner cooling capacities. EL 2
9 represents a middle ground between the existing market and
10 the maximum level of technical feasibility.

11 The proposed performance standard is technically
12 feasible and manufacturers have multiple pathways to
13 improve their products. Some of those are increasing the
14 size of the heat exchanger, using a more efficient
15 compressor or fan motor, or reducing stand-by power. The
16 DOE estimated that 13 percent of portable air conditioner
17 models meet Efficiency Level 2. This estimate was
18 published in December, 2016, and based on analysis mostly
19 performed in 2015.

20 The proposed standards have a benefit cost ratio
21 of 2.95 to 1. Note that the estimated incremental retail
22 price of \$76 includes both markup and profit. On a per
23 unit basis, the standard is estimated to save 2,230
24 kilowatt hours and \$224 over the 10-year life of the
25 product.

1 On a statewide basis, the standard is estimated
2 to annually save 369 gigawatt hours and \$49.7 million,
3 after all portable air conditioners have been replaced with
4 more efficient units required by the standard.

5 During the 45-day public comment period, three
6 comments were received. Two comments support the
7 efficiency standard. One comment opposes the February 1,
8 2020 effective date, but does not oppose the underlying
9 standard. Staff also held a public hearing pursuant to the
10 California Administrative Procedure Act. No new comments
11 were received at the hearing.

12 At least one Commissioner has received an
13 additional letter from a manufacturer opposing the
14 effective date. Staff finds that the proposed standard is
15 technically feasible and cost effective thus meeting the
16 statutory requirements for appliance efficiency regulations
17 in the Warren-Alquist Act.

18 Staff requests that the Commission adopt the
19 resolution before them to approve the negative declaration
20 and to amend the California Appliance Efficiency
21 Regulations. Matt and I are available for any questions.
22 Thank you.

23 CHAIRMAN WEISENMILLER: Thank you. Let's take
24 public comment. We'll start with public comment from those
25 in the room. We'll start with AHAM.

1 MS. AVALOS: Good morning, my name is Rosemary, I
2 work with the Energy Commission Public Advisor's office and
3 I'm going to read a comment for Mr. Alberto Aloisi.

4 CHAIRMAN WEISENMILLER: Yeah, why don't you wait
5 until I call him? I called AHAM first.

6 MS. AVALOS: Oh, I'm sorry.

7 CHAIRMAN WEISENMILLER: That's fine, just sit
8 down for a second.

9 Please, come forward.

10 MR. MESSNER: Thank you, good morning, Kevin
11 Messner with the Association of Home Appliance
12 Manufacturers. I'll just speak today about the effective
13 date, because the cost and the energy analysis really
14 doesn't matter, because the effective data is completely
15 unrealistic.

16 Just in order to meet this energy standard by and
17 large the efficiency has to do with air flow. There's a
18 major redesign that has to happen for this product. It's
19 probably going to have to be bigger for the air flow.
20 That's just putting one example that might ring true, the
21 stamping or the extruding for the casing, all the tooling
22 that you need to do, all the redesign, all the durability,
23 safety testing, the prototype evaluation. Just the basic
24 mechanics of designing and manufacturing a new product, it
25 just cannot happen in one year. It just can't.

1 And so I don't know where this date came from.
2 Vermont has a date of 2022. Washington State proposed the
3 other week, 2022. We had negotiated 2022 in Vermont. 2020
4 is just you can't manufacture, redesign a product in a
5 year, so there's only 13 percent of the products out there.
6 This is a significant standard change. I don't know what
7 to tell you all. But where this came from, and if you
8 proceed with this date, where that'll end up.

9 DOE has a five-year lead-in period. So all the
10 analysis based on what DOE did in cost and design is based
11 on a five-year lead-in period for manufacturers, not one
12 year. So if the analysis uses DOE technical support
13 document assumes it's five years, not one year. And it's
14 this square peg in a round hole where you rely on DOE
15 analysis for five years, but then do an effective date of
16 one year.

17 I also want a last point, just for the record,
18 state that on preemption the State of California has argued
19 this is in the courts and we want to be on the record. We
20 want DOE to publish the PAC Standard. We have been trying
21 to do that. Obviously it hasn't happened yet, but it's in
22 the courts. They just heard oral arguments. The State of
23 California has argued in the court that this standard has
24 been issued. And under EPCA Law if DOE issues a standard,

1 than it preempts the states, so I just wanted to say that
2 for the record.

3 So this is very troublesome, but this effective
4 date is so quick and so unrealistic. I just want to --
5 we've said this since the beginning of this process. I
6 really honestly don't know where the 2020 came from. But
7 thank you. My time's up.

8 CHAIRMAN WEISENMILLER: Okay. Thank you.
9 Is there anyone in the room or public comment?
10 (No audible response.)

11 CHAIRMAN WEISENMILLER: Okay. Public Adviser,
12 please?

13 MS. AVALOS: Yes, I'm Rosemary.

14 MR. DEL NEGRO: Hello?

15 CHAIRMAN WEISENMILLER: Again, we're really first
16 taking comments from those in the room and then we'll go to
17 the line.

18 So go ahead.

19 MS. AVALOS: Yes, I'm Rosemary Avalos with the
20 Energy Commission Public Adviser's Office. And I'm going
21 to provide public comment on behalf of Mr. Alberto Aloisi
22 of the De' Longhi Appliances Group.

23 "De' Longhi respectfully submits the following
24 comments to the California Energy Commission. De' Longhi
25 is a manufacturer of household appliances, which has been

1 producing portable air conditioners for more than 25 years
2 and we support reasonable efficiency regulations for
3 portable air conditioners. Nevertheless, we believe that
4 the proposed effective date, February 2020, is absolutely
5 unrealistic as most of the packs actually on the market do
6 not fulfill the proposed requirement and manufacturers do
7 not have enough time to redesign, retool, retest according
8 to the new procedure and new standards, for all the pack
9 models they offer for sale in California. We ask the CEC
10 to wait for the publication of the DOE standard, or at
11 least to postpone the effective date to 2022.

12 "De' Longhi appreciates the opportunity to submit
13 these comments to CEC and would be glad to discuss these
14 matters in more detail on your request. Thank you."

15 CHAIRMAN WEISENMILLER: Thank you.

16 So now let's go to comments on the phone. Let's
17 start out with GE.

18 MR. DEL NEGRO: -- that or there's a complete
19 redesign of the product, there's retooling, also the
20 laboratories for testing is very limited at this point.
21 And for all of the industry to have to do a redesign,
22 retest of what's really less than a year, because I think
23 what's important to remember is production for this product
24 starts September or October of the year prior to the
25 seasonal year. So really we're looking at nine months for

51

1 redesign, retooling and demonstration of compliance. So
2 again, I would ask that we push the effective date out.

3 CHAIRMAN WEISENMILLER: Thank you.

4 Let's go on to Midea American or America.

5 MR. HOMBROEK: I'm with Midea America
6 Corporation. I'm an Engineer and Regulatory Manager for
7 Midea. Our company represents a significant market share
8 in portable air conditioners in the U.S. market. And on
9 behalf of Midea America we agree with General Electric, De'
10 Longhi and AHAM, vehemently opposing this legislation.

11 Under normal circumstances manufacturers have
12 five years to comply to a new standard once it's imposed
13 and finalized by the Department of Energy. In this
14 particular case the CEC is attempting to short circuit this
15 normal process. We do propose that the standard not be
16 applied until 2022 giving us the time in the design cycle
17 to ensure that all of our products can meet the standard in
18 a normal and adequate amount of time.

19 To give you an example of the normal design
20 cycle, designs for 2020 would require to be finalized two
21 years prior to the actual manufacturing date. And up to 18
22 months, we're going through pre-manufacturing and
23 prototyping and that process can take anywhere from three
24 months out to a full year.

1 In the case of this particular standard, there
2 are vast differences between what is required today versus
3 this new standard's effectiveness, requiring a complete
4 redesign of the products.

5 We depend on this time in order to be in full
6 compliance and we ask the panel to consider future
7 consumers in California. To have this product available in
8 California it's very important to make sure that we have
9 the time to make these design changes and go into full
10 production. You need to understand the full production
11 begins in October of the year prior. So October of next
12 year, we would begin production for this particular
13 platform.

14 The gentleman that spoke earlier suggested that
15 standby power could be applied and a more energy efficient
16 condenser. In this particular case, standby power
17 represents only a very small fraction of the total energy
18 consumed by a portable air conditioner.

19 This study and an analysis is completely
20 inaccurate and it's inaccurate about its energy efficient
21 condenser. That's all. I thank you very much for the time
22 today to consider my suggestions.

23 CHAIRMAN WEISENMILLER: Okay. Thank you.

24 LG?

1 MR. CHOO: I am Johnson Choo, Regulatory and
2 Environmental Affairs at LG Electronics. LG understands
3 CEC's efforts to push energy efficiency improvements for
4 California residents and supports its efforts to harmonize
5 with federal regulations. However, we have one concern
6 about CEC's proposed effective date of February 1st, 2020.
7 For newly-covered products federal law requires that newly-
8 established federal energy conservation standards does not
9 apply to products manufacture within five years after the
10 publication date of the final rule.

11 And we have similar experience related to like
12 PCS regulations. PCS is a battery charging system. And
13 back to 2012 of DOE didn't have regulations for PCS and
14 however CEC had. And at that time our rotary vacuum
15 cleaner did (indiscernible) PCS regulations. So at that
16 time we couldn't have enough time to develop our product in
17 order to meet CEC's requirements, so at that point we
18 requested our retailers not to sell in California.

19 And then in like a couple of years finally we
20 developed our product to meet the regulations or CEC
21 requirements, and then we sold the product. So our point
22 is we do not want to give any bad impacts for California
23 customers, so please consider aligning the effective date
24 with the federal regulations for California customers.
25 Thank you so much.

1 CHAIRMAN WEISENMILLER: Okay. Thank you.

2 Energy Solutions?

3 MR. NGUYEN: This is a California regulation, the
4 Energy Commission has full legal authority to be regulating
5 portable ACs. For CEC to do so, they require only a one-
6 year lead time, so I will repeat this is a CEC regulation,
7 a California Energy Commission regulation, not a DOE
8 regulation. And only one year is required.

9 To this point I'll also note that DOE did release
10 the determination for standards in 2013. They held a
11 public meeting in 2015 and their final rule in 2016. So
12 it is not true that everything is starting from the
13 beginning, that everything is starting now, that they need
14 a lot more time to do this, while they had notice since
15 2013 that regulations for these products were coming.

16 The Energy Commission proposes Efficiency Level
17 2, which the California IOUs believe is quite conservative.
18 DOE had indicated that Efficiency Level 2 already exists
19 across all cooling capacities, so there are products
20 available that can meet this efficiency requirement across
21 all cooling capacities already. So claims that total
22 manufacturing redoing needs to be taking place is greatly
23 exaggerated.

24 The Energy Commission pointed out also that 13
25 percent of portable ACs already meet this requirement. We

55

1 believe that the sales will indicate that even a greater
2 percentage already meets this requirement. California
3 should continue to be leaders in the regulatory space.
4 They should continue to be pushing for more efficient
5 products.

6 And the last point that I will make here, even at
7 Efficiency Level 2 portable ACs are less efficient than
8 their window room AC counter parts. So even at this
9 efficiency level while there are great savings, this is not
10 asking for any new technology that needs any major
11 manufacturing changes. The technology already exists in
12 window room air conditioners. It is already being sold
13 widely. California should continue to adopt this as it is
14 legally authorized to do, giving one year's notice before
15 the effective date of the standard.

16 CHAIRMAN WEISENMILLER: Thank you.

17 Staff, do you have any concluding remarks?

18 MR. SAXTON: Thank you. I would just also note
19 that the Department of Energy Statutory Requirements come
20 from the Energy Policy and Conservation Act, or EPCA. And
21 indeed that's true that there's a five-year phase-in period
22 for a new standard. Of course the Energy Commission
23 statutory requirements come from the Warren-Alquist Act and
24 that's one year for California.

1 Staff has found these proposed standards to be
2 technically feasible and cost effective to the end user
3 over the lifetime of the appliance. And there are products
4 available, which do meet the efficiency standard. There's
5 no requirement, nor is it typical practice, to allow enough
6 time for all of the products from all of the manufacturers
7 to be modified to meet a proposed standard. Thank you.

8 CHAIRMAN WEISENMILLER: Thank you.

9 So let's transition to the Commissioners.
10 Commissioner McAllister?

11 COMMISSIONER MCALLISTER: Yeah so, let's see, I
12 have actually been quite involved in this sort of last
13 piece of this before bringing it to the Business Meeting.
14 And I think we've heard the sort of technical situation and
15 I don't disagree with that. And certainly I think our
16 statutory responsibility and authority here is clear.

17 You know, the -- let's see, our process is a
18 great process. We've seen it over and over again that when
19 we get good engagement from industry, when we get
20 forthcoming industry members that bring data, that bring
21 information about their supply chain and their design
22 criteria and certainly market share and sort of more market
23 information, you know, we absolutely have the ability to
24 keep that private. We do that routinely. And the process
25 has been there all along for industry to participate in.

57

1 And again you know just to reiterate what Mr.
2 Saxton said, that we have dug into this deeply. I think
3 many of the points that have been made the last commenter
4 on behalf of the IOUs made some good points there as well.

5 You know, I really want to make this a bit of a
6 wakeup call for industry to participate all along in this
7 process and not just come sort of to say oh gosh, now we
8 can't do it. The writing has been on the wall for a long
9 time. Some of you will remember or you'll all remember the
10 adoption of the Computer and Monitor Standards, certainly
11 the Building Standards that we just finished. There was a
12 robust participation from industry members that ended up in
13 a supportive position with respect to those regulations.

14 So I hope, I would have hoped that we would have
15 a similar dynamic in this process for these regulations.
16 And so you know, a year is not a huge amount of time, but
17 the marketplace is going to have to adjust. And we have
18 products that meet it now. And I would exhort the
19 manufacturers who came on the line to move as quickly as
20 they can to offer complying products to the California
21 marketplace in the timeframe that they are able, as quickly
22 as possible.

23 But in terms of what other states have done or
24 certainly what the feds have done, we need to get ahead of
25 this. We don't want to wait, actually. We don't want to

1 wait for DOE to publish their rule, because now we would
2 have no savings for five years. And it might be imminent.
3 Nobody knows exactly when the DOE is going to publish
4 officially, but we need to get ahead of that and go ahead
5 and get a regulation in place, so we can move the
6 marketplace as we know it is going to be moved at some
7 point anyway.

8 I had some conversations with industry members
9 about this and looked at our various options. But I think
10 our most straightforward, clearest option that both acts
11 within our authority and moves the markets in the direct in
12 the direction that we need to, in the timeframe that we
13 need is to go ahead and adopt today.

14 So if -- there's no reason why we have to align
15 with Vermont or any other state -- the negotiations there,
16 we were not party and they're not on the record here. So I
17 think I'm supportive of this, certainly willing to work
18 with manufacturers in any future proceeding to get better
19 participation and get an outcome that incorporates real
20 data from the marketplace. So anyway, I'm supportive of
21 this and would move to adopt it.

22 MR. UHLER: Excuse me, I would like to make a
23 comment.

24 CHAIRMAN WEISENMILLER: Okay. We've switched
25 over to the Commissioners, so I don't want you to make a

1 comment. Otherwise other people can respond to him and
2 that's not appropriate.

3 So please wait until the public comment later.

4 MR. UHLER: Oh. I'm just trying to understand
5 how would I rebut what he's just said?

6 CHAIRMAN WEISENMILLER: No, I'm just saying -- I
7 said we transitioned to the Commissioners, which means we
8 stop public comment at that point. So let's keep --

9 MR. UHLER: But you haven't acted yet, so the
10 public doesn't get this piece of information that the
11 Commissioner just gave. By the way, I'm Steve Uhler, U-H-
12 L-E-R.

13 CHAIRMAN WEISENMILLER: We know, Steve Uhler,
14 exactly. Well go ahead, but again normal policy is once we
15 transition that's it. Certainly you're welcome all the way
16 up to that point.

17 MR. UHLER: Okay. I'd like to note a couple of
18 things about the appliance efficiency as far as the
19 consumer and as far as trying to find accurate information
20 your database still holds inaccurate information that I
21 have notified multiple times to the Commission. There are
22 situations with things like battery chargers where if you
23 do the numbers it's physically impossible. Somebody has
24 turned in numbers and you've accepted it. You have

1 refrigerators that have style types that are not in your
2 regulation.

3 So to say this is -- this is another inventory
4 control issue. I'm an inventory control guy and I look at
5 this stuff and I try to add things up and I try to pick
6 things out. You modernized the database and it's -- try to
7 use it on your phone while you're shopping. You've done a
8 number of things that really I don't think help in the
9 situation.

10 I see this. If these folks need this additional
11 time to do this I think you should allow it, because you
12 should also clean up your database. Because you have items
13 in there that are not real. And if you look them up and
14 you go and buy them, you find out they don't perform that
15 way. So please look at -- take that aspect when you think
16 about that you could do this in a year, but you're not
17 required to do it in a year.

18 CHAIRMAN WEISENMILLER: Okay. Thank you.

19 Let's go on. Do I have a second for this?

20 COMMISSIONER HOCHSCHILD: I second the motion.

21 CHAIRMAN WEISENMILLER: All those in favor?

22 (Ayes.)

23 CHAIRMAN WEISENMILLER: This passes 5-0. Thank
24 you.

25 MR. SAXTON: Thank you.

1 CHAIRMAN WEISENMILLER: Thanks, staff. Let's go
2 on to Item 9.

3 MR. BOZORGCHAMI: Good morning Chair and
4 Commissioners. My name is Payam Bozorgchami of the
5 Building Standards Office, Project Manager for the
6 development of the 2019 Compliance Manual. State law
7 requires the Energy Commission to create compliance manuals
8 and compliance documents for its Building Energy Efficiency
9 Standards. The manuals are designed to help owners and
10 designers, builders, inspectors, planning examiners and
11 energy consultants to comply with and enforce the
12 California's Energy Efficiency Standards for both
13 residential and nonresidential buildings.

14 Written as both references and instructional
15 guides these manuals assist anyone directly or indirectly
16 involved in the design and construction of the energy
17 efficiency building.

18 On May 9th the Energy Commission adopted the 2019
19 Building Energy Efficiency Standard. And on December 5th,
20 the California Building Standards Commission approved the
21 adopted standards for inclusion into the California
22 Building Codes. Proceeding under direction from the
23 Commissioners to simplify both standards and supporting
24 documents, staff worked with the Codes and Standards
25 Enhancement Team including the California publicly owned

1 and investor owned utilities to update the residential and
2 nonresidential compliance manuals, the compliance documents
3 and the data register requirement manuals to reflect the
4 changes to the standards that were adopted for 2019.

5 We further simplified the compliance documents by
6 developing dynamic forms and providing further instructions
7 to users on completing the documents more effectively. We
8 also clarified instructions to home energy rating system
9 providers in the Data Register Requirement Manual on how to
10 register product data and documentation to demonstrate
11 compliance with the standards.

12 The residential and nonresidential compliance
13 manuals and the Data Register Requirement Manual were
14 posted for a 30-day public comment period on the Energy
15 Commission website. Staff received several comments and
16 worked diligently to update information and incorporate
17 suggestions where appropriate, in order to provide the
18 final manuals and documents sent to you today, for
19 approval.

20 Staff therefore asks and recommends that you
21 approve the 2019 compliance manual and documents. I am
22 available to answer any questions you may have.

23 CHAIRMAN WEISENMILLER: Thank you.

24 So let's start, any comments from anyone in the
25 room? Anyone on the line, I believe we have one.

1 Please, Mr. Cain?

2 MR. CAIN: No, sorry no comment.

3 CHAIRMAN WEISENMILLER: Okay. Thank you, so no
4 further comments.

5 Let's transition to Commissioner McAllister
6 again.

7 COMMISSIONER MCALLISTER: So thanks, Payam. I
8 appreciate that. As you know the new standards for 2020
9 were approved by The Building Standards Commission last
10 week. I think we're all waving the flag on that still. It
11 was a great conversation actually with the Commission and I
12 really appreciated Secretary Batjer's marshaling of that
13 conversation, sort of guiding that conversation amongst her
14 Commissioners. And the comments by the Commissioners
15 themselves over there were I think instructive and very
16 positive.

17 So this is really now we're attempting to
18 anticipate that vote. Staff has been working hard on the
19 compliance materials, so I really appreciate them getting
20 those done so, that the marketplace can have sufficient
21 time to begin to adjust and understand the new standards
22 and implement them when the time comes on January 1 of
23 2020. So I think that's the high level, so it's an
24 important step forward to really get the rubber on the road

1 with the new standards in 2020. So with that I'll move
2 this item.

3 COMMISSIONER SCOTT: Second.

4 CHAIRMAN WEISENMILLER: All those in favor?

5 (Ayes.)

6 CHAIRMAN WEISENMILLER: This passes 5-0. Thank
7 you. Let's go on to Item 10.

8 MS. NEUMANN: Good morning Chair Weisenmiller and
9 Commissioners. I'm Ingrid Neumann with the Building
10 Standards Office. And I'm bringing the City of Arcata's
11 request for approval of a new building before you today.

12 With me is Jacqueline Moore from the Chief Counsel Office.

13 Our office encourages and assists local
14 jurisdictions in developing and adopting local energy
15 standards that go beyond the statewide standards adopted by
16 the commission. Today's ordinance will be the 20th we've
17 brought to the commission under the 2016 Building Energy
18 Efficiency Standards.

19 Local governmental agencies wishing to enforce
20 locally adopted energy standards must by statute apply to
21 the Energy Commission for a finding that the local energy
22 standards require buildings to obtain equal or greater
23 energy efficiency than the current energy standards.

24 Staff reviewed the City of Arcata's application
25 and finds that its ordinance meets the requirements for

1 consideration by the Commission. The City of Arcata's
2 ordinance requires all new single-family construction to
3 use only 70 percent of the energy budget permitted for
4 compliance with the 2016 Building Energy Efficiency
5 Standards.

6 This meets the 2016 CALGreen Tier 2 target and
7 then all new low-rise multifamily buildings shall use only
8 80 percent of the energy budgets permitted for compliance
9 with the 2016 Energy Standards.

10 The City of Arcata's staff found that the
11 ordinance was cost effective and has no significant
12 negative impact on the environment. For these reasons
13 staff recommends that the findings be approved and the
14 Energy Commission resolution be signed. I'm available to
15 answer any questions you may have as is Julie Neander on
16 the phone from the City of Arcata.

17 CHAIRMAN WEISENMILLER: Great, so first any
18 comments from anyone in the room?

19 Okay, so let's go to the line.

20 MS. NEANDER: I'm Julie Neander. I'm the City of
21 Arcata Environmental Services Department. And I just
22 wanted to let you know that we are available to comment and
23 Arcata is very supportive of adopting this Reach Code.

24 CHAIRMAN WEISENMILLER: Okay, great, thank you.

25 Just turn to Commissioner McAllister.

1 COMMISSIONER MCALLISTER: Great, I want to just
2 thank the representative from Arcata for bringing this
3 forward to us, staff for evaluating it. Again, I'll take
4 this is number 20 for local governments that are going
5 beyond the 2016 Code. I's a really positive I think
6 dynamic we have now with local governments where they
7 really are trying to do the right thing and working with us
8 to get there in a way that makes sense.

9 Arcata, way up there at the northern end of our
10 state from all the way down to the southern end of our
11 state we have local governments who are taking this and
12 similar approaches. So really supportive and thankful that
13 you all rolled up your sleeves to get this done at the
14 local level and doing it in a way that responds well to the
15 needs of your communities.

16 So I'm obviously very supportive and it's a
17 really great transition into the new 2019 Code when it
18 comes around. So thanks for getting ahead of the game.

19 All right, so I'll move this item.

20 COMMISSIONER SCOTT: Second.

21 CHAIRMAN WEISENMILLER: All those in favor?

22 (Ayes.)

23 CHAIRMAN WEISENMILLER: This item passes 5-0.

24 Thank you. Let's go on to 11.

1 MR. SERRATO: Good morning Chair and
2 Commissioners. My name is Sebastian Serrato and I'm with
3 the Fuels and Transportation Division. For the record the
4 December 10th, 2018 Business Meeting agenda has been
5 updated to correct the address on Item 11a to
6 2051 West 190th Street, Torrance, California 90501. I'm
7 presenting a grant agreement for possible approval that
8 will provide operation maintenance funding for a hydrogen
9 refueling station.

10 In August 2017, the Alternative and Renewable
11 Fuel and Vehicle Technology Program released the first-
12 come, first-served light-duty vehicle hydrogen refueling
13 infrastructure operation maintenance support grants. The
14 purpose of this solicitation is to provide funding to
15 ensure that the hydrogen refueling stations remain
16 operating during the roll out of fuel cell electric
17 vehicles. This solicitation funds the proposed grant
18 agreement.

19 The grant agreement being proposed today is for a
20 hydrogen refueling station, located in Torrance. This
21 agreement will require the station operator to report many
22 details of the station operation and maintenance. The
23 reports are according to the National Renewable Energy
24 Laboratory's data collection tool.

1 Rent, electricity consumption, equipment, station
2 maintenance, the amount of fuel dispensed, the day and the
3 time of day the fuel is dispensed, hydrogen gas deliveries
4 for three years are reported. The Energy Commission
5 aggregates the data with that of other hydrogen refueling
6 stations in the network and reports this to the California
7 Legislature annually.

8 Thank you for your consideration of this item.
9 If you have any questions I can answer those.

10 CHAIRMAN WEISENMILLER: Thank you. Let's start
11 with any comments from anyone in the room? Let's go the
12 line then.

13 MR. LEIGHTY: Hello?

14 CHAIRMAN WEISENMILLER: Yes, please go ahead.

15 MR. LEIGHTY: Yes. Good morning Commissioners.
16 Thank you for the opportunity to speak via telephone today.
17 I'm Wayne Leighty, Hydrogen Business Development Manager
18 for Shell responsible for our activities in hydrogen
19 mobility in North America. We are grateful for the
20 California Energy Commission for your consideration of this
21 proposed grant funding, which will support operation and
22 maintenance of the Shell hydrogen refueling station in
23 Torrance.

24 Customer adoption of hydrogen fuel cell electric
25 vehicles and demand for the hydrogen fuel in California is

1 growing. For a bit of context this single Shell hydrogen
2 refueling station in Torrance provided approximately the
3 same amount of hydrogen fuel to customers in 2018 as all
4 the hydrogen refueling stations in Germany combined where
5 the 50th station was recently opened. This station has
6 averaged over 85 percent utilization through August with a
7 peak month at 97 percent.

8 This demand shows both the opportunity and the
9 need for expanding the coverage and capacity of the
10 hydrogen refueling network and we appreciate the continued
11 support from the California Energy Commission in that
12 endeavor. It also shows the importance of reliability and
13 station equipment running near full capacity. The
14 experience from this and other existing hydrogen refueling
15 stations serving customers at near capacity with the data
16 collection and reporting under the proposed O&M grant
17 funding that was mentioned will help create the next
18 generation of station equipment products.

19 Shell is today investing in lower carbon fuels
20 and diversifying the range of energy choice we provide to
21 customers. Hydrogen is one of these options and we believe
22 it can play an important role in the future transport
23 sector.

1 We're grateful to the Energy Commission for
2 consideration of grant funding to overcome the early market
3 barriers. Thank you.

4 CHAIRMAN WEISENMILLER: Thank you.
5 Commissioner Scott?

6 COMMISSIONER SCOTT: Great. Thank you Wayne for
7 joining us by phone today. I don't have anything to add to
8 Wayne's comments or Sebastian's excellent presentation. So
9 if there are not questions I will move approval of Item 11.

10 COMMISSIONER DOUGLAS: Second.

11 CHAIRMAN WEISENMILLER: All those in favor?

12 (Ayes.)

13 CHAIRMAN WEISENMILLER: This passes 5-0. Thanks.
14 Let's go on to Item 12.

15 MR. GILBERT: Good morning Chair Weisenmiller and
16 Commissioners. My name is Benson Gilbert and I am with the
17 Energy Research and Development Division. I'm here today
18 to recommend approval of a grant for CalCEF Ventures for
19 approximately \$11 million to establish and manage a voucher
20 program that will provide clean energy companies with
21 access to a statewide network of eligible testing
22 facilities that will support California clean energy
23 companies in vetting out and/or certifying their
24 technologies.

1 Clean energy companies face the difficult
2 challenge of making the leap from prototype to pilot scale
3 demonstration to commercialization of their technologies,
4 because they lack access to testing facilities and services
5 to validate or certify their product's design, safety and
6 performance. They also lack technical feedback to shift
7 their products' specifications to meet the requirements of
8 potential customers.

9 Helping clean energy companies successfully
10 overcome these challenges will increase the likelihood that
11 their innovations will reach the market thus helping
12 California achieve its ambitious energy goals.

13 CalCEF will develop and implement a voucher
14 program that will provide clean energy companies access to
15 testing facilities to test and/or certify prototypes of
16 pre-commercial distributed energy resource technologies and
17 help them refine their prototype to meet customer
18 specifications.

19 This project will start with an initial network
20 of testing facilities. That includes 29 University of
21 California facilities from all ten campuses and two
22 national laboratory facilities.

23 CalCEF intends to grow this network throughout
24 the duration of the project. This network of testing
25 facilities will connect testing facilities throughout

1 California, which would otherwise remain disconnected in
2 order to serve clean energy companies more efficiently and
3 effectively throughout all of California. Thank you for
4 your time. I'm available to answer any questions you may
5 have.

6 CHAIRMAN WEISENMILLER: Thank you.

7 Is there any comments from anyone in the room?
8 Please.

9 MR. KENNEDY: Thank you Chairman Weisenmiller and
10 the Commissioners and Gilbert and the staff who have helped
11 prepare this.

12 My name is Danny Kennedy. I'm the Managing
13 Director of the California Clean Energy Fund and we're very
14 excited to be here today on the cusp of this sort of note
15 of being approved to move forward.

16 And I want to say that on behalf of our partners in this
17 proposal as well who are the Los Angeles Clean Tech
18 Incubator that you know well as one of the clusters in the
19 California Energy Innovation Ecosystem and also and more
20 importantly, I think the UC Office of the President.

21 So the great piece about this initiative, I think
22 is that we're going to engage that giant in the scene of
23 the University of California, through the Office of the
24 President, to all the campuses and all the labs to be part
25 of this solution in terms of getting our clean tech

1 entrepreneurs to market through this kind of Valley of
2 Death that we've actually seen getting worse in the market
3 over the last number of years. Because the stage from
4 prototype to pilot and beyond is something that the venture
5 capitalists and others are less willing to fund these days
6 and take the risk out with their own capital. And so many
7 companies have been getting good product prototypes and
8 then not being able to last the distance.

9 And so the theory of this is that we're going to
10 be able to place them with these incredible facilities and
11 labs up and down the state partnering with faculty,
12 students and others, get the testing certification done,
13 the third-party stamp of approval and get them out into the
14 marketplace.

15 And we believe that it's going to add an
16 incredibly rich layer to an already rich ecosystem from
17 entrepreneurs (phonetic) in California that you all and
18 others have built and we managed through the CalSEED fund.
19 But we're very confident we can also use it to leverage the
20 range of university campuses, the ten that were mentioned,
21 the two labs and other testing facilities that exist in the
22 state.

23 Over time, we'll build into this network so that
24 we can also engage disadvantaged error communities, zip
25 codes that aren't sort of known as hot beds of

1 commercialization of technology, some of the campuses that
2 haven't really been part of this conversation to date but
3 have students and faculty that want to be engaged in
4 testing and certification from Merced and Riverside and
5 points all around the state.

6 We are confident that this program will allow us
7 to be placing entrepreneurs and matchmaking the right
8 start-up with the right test beds and building out that
9 ecosystem. So that we actually have a more vibrant flow of
10 companies through the process over time and this initiative
11 is going to be kind of key life blood to that. So that's
12 what I wanted to say. Thank you.

13 CHAIRMAN WEISENMILLER: Thanks. Thanks for being
14 here.

15 Anyone else, anyone on the phone? And then
16 transitioning to the Commissioners.

17 I'm the Lead in the R&D area I think this again
18 is a valuable effort. Certainly we've been trying to
19 really grow the industry, move things out from the lab into
20 business. Obviously that's hard and interesting to see how
21 this tool helps, so anyway.

22 COMMISSIONER SCOTT: I will move approval of Item
23 12.

24 COMMISSIONER HOCHSCHILD: Second.

25 CHAIRMAN WEISENMILLER: All those in favor?

1 (Ayes.)

2 CHAIRMAN WEISENMILLER: This passes 5-0. Thank
3 you.

4 Let's go on to the Minutes, Item 13.

5 COMMISSIONER DOUGLAS: Move the minutes.

6 COMMISSIONER MCALLISTER: Move the minutes, oh,
7 second.

8 CHAIRMAN WEISENMILLER: All those in favor?

9 (Ayes.)

10 CHAIRMAN WEISENMILLER: The Minutes are approved
11 5-0.

12 Lead Commissioner and Presiding Member Reports,
13 Commissioner Scott?

14 COMMISSIONER SCOTT: So this is our end of the
15 year Business Meeting, so I have a few more remarks for you
16 all than usual but excited to get to make them. And thank
17 you, Chair Weisenmiller, for making time for us to talk
18 about the Commission's accomplishments and to acknowledge
19 our staff.

20 2018 has proven to be an exciting year on the
21 transportation front and a great milestone here for us at
22 the Commission, because it marks the ten-year anniversary
23 of the Alternative and Renewable Fuel and Vehicle
24 Technology Program. And over the last ten years we've
25 administered nearly \$790 million in projects that are

1 transforming transportation across the state. And these
2 projects are also reducing both greenhouse gas emissions
3 and pollutants that harm public health.

4 In March we had a celebration to commemorate a
5 decade of clean transportation investments. And we were
6 fortunate to have Speaker Emeritus Fabian Nunez and
7 Secretary John Laird, who's vision was the impetus for the
8 program. And they both came and participated in the
9 celebration and said a few nice words. We were also joined
10 by Senator Skinner, which was fantastic. And we were
11 fortunate enough to have a resolution celebrating the
12 program as well that Senator Skinner, Senator Wieckowski
13 and Assemblymember Bloom put together. So that celebration
14 in March was great fun and as we all know, though there's a
15 lot more that needs to be done in the transportation space,
16 so we look forward to ten more years and maybe more.

17 This year, Governor Brown as you know, continued
18 with an aggressive transportation agenda for the state.
19 And most notably at the beginning of the year he issued an
20 Executive Order calling for the accelerated deployment of
21 zero emission vehicles and the enabling infrastructure.
22 And as a result of California's continued commitment we are
23 seeing the transportation sector rapidly evolve to a clean
24 transportation future.

25 In fact, we have gone past the half million mark

1 in terms of light-duty electric vehicles on our roads
2 today, so it's really exciting. We're about 512,000 on the
3 roads now and that's up from 340,000 at this time last
4 year.

5 Our zero emission infrastructure teams including
6 both our hydrogen team and our plug-in electric staff have
7 continued to work hard to ensure that we grow the necessary
8 infrastructure to make sure that we support these number of
9 vehicles as they come. And on the vehicle front, we've
10 tried to be really innovative in our space to think about
11 how to launch infrastructure. So in December of last year
12 we launched CaleVIP, which is the California Electric
13 Vehicle Infrastructure Project, to really help in a very
14 simple way. You just meet a few criteria, if you're a
15 property owner send us the photo of your charger in place.
16 We'll send you the dollars to get the charger out.

17 We have also looked at some in-depth analysis.
18 We've invented the EVI-Pro modeling tool. Noel Crisostomo
19 and Kadir Bedir and others on the team put that together.
20 That's something that NREL and others are using to
21 determine how much infrastructure is needed, not just
22 around California, but around the country, so it's very
23 exciting.

24 We've also provided some grants based on the EPIC
25 challenge, right? So we want nine EV-ready communities and

1 really ask communities to develop for themselves where
2 would you like to put charging? Why would you want to put
3 charging there? Develop what that plan looks like and then
4 our vision is the next round similar to the EPIC grants.
5 We'll be able to provide dollars for folks to implement
6 those charging infrastructure plans that they put together.
7 So we're really trying to be creative in the way that we
8 roll out infrastructure in the state, in addition to using
9 our traditional solicitation for electrify I-5 or electrify
10 I-80.

11 So I'm really excited about the team, so I want
12 to thank Jennifer Allen and all of the electric vehicle
13 team for the work that they do there.

14 This year we've also seen California's hydrogen
15 refueling network continue to grow. Four new open retail
16 stations that were funded by the Energy Commission and one
17 privately upgraded station. So that brings our total
18 retail station count to 36. There are about 5,500 fuel
19 cell electric vehicles on the road, more models are coming
20 so that's very exciting to see.

21 Recognizing that hydrogen supply was becoming a
22 challenge to the expanding network we also funded one
23 renewable hydrogen production plant with plans to fund a
24 second. And so I'd like to thank Jean Baronas and the
25 hydrogen team as they continue to do the terrific work that

1 they're doing in this space.

2 And we put together our usual AB 8 Report, which
3 goes to the Legislature and lets them know the status of
4 the fueling infrastructure. In June Air Resources Board
5 puts one together that talks about the number of cars, so
6 take a look at all the authors on that report. They've
7 done a great job in the hydrogen space.

8 I want to say thanks to Elizabeth Shirakh,
9 because she's really stepped up and created a very exciting
10 and replicable program for turning over the state's oldest
11 and most polluting school buses to cleaner zero emission
12 buses, which is our School Bus Replacement Program. Her
13 team is very passionate about the program and she
14 encourages them to think outside the box and deploy as many
15 buses as possible with the 75 million that the Energy
16 Commission has. Liz and her team should be commended for
17 creating a robust program on an aggressive timeline that
18 already has significant interest from school districts
19 across the state.

20 Another area of continued focus for us this year
21 is the medium-duty and heavy-duty vehicle space. And we
22 continued our engagement with six major ports in
23 California: Port of San Diego, Port of Long Beach, Port of
24 Los Angeles, Port of Hueneme, Port of Stockton and Port of
25 Oakland. And they've really been great partners for us in

1 testing out the technologies. They really take them for, I
2 call it the shakedown run, even though it's not a boat.
3 They really take these out, kick the tires, see what works
4 and how do the drivers like them? Are the cup holders in
5 the right place? Can they see out the back window? Are
6 the cords for the chargers long enough? You know, really
7 test these vehicles out, so that they can go from the
8 demonstration phase right into deployment once we've kind
9 of worked out the kinks. And so we appreciate the
10 partnership with our ports.

11 Ben de Alba, Rey Gonzales, Kiel Pratt, Mike
12 Gravely and Tim Olson have demonstrated great leadership on
13 these initiatives. And Tim also helped us put together a
14 mini-technology merit review to look at lessons learned to
15 help us inform our future manufacturing solicitations and
16 also our future workforce dollars.

17 And we've also had some management changes in the
18 Fuels and Transportation Division throughout the year and
19 so there are certainly some well-deserved acknowledgements
20 there. I want to thank Elizabeth John. She stepped up and
21 served as the Office Manager for the whole division for the
22 majority of the year. Her balanced demeanor, thorough
23 explanation and exploration of grants and knowledge of the
24 transportation industry have proven to be a huge asset to
25 the Division and to the Energy Commission.

1 I want to thank John Butler who seamlessly
2 stepped in the role of Acting Deputy Director for close to
3 six months. He successfully kept the trains on schedule as
4 it were and ensued the continued flow of our solicitations.
5 His expertise with grants and dedication to prudent use of
6 government spending continues to serve the Division and the
7 Commission and our state very well.

8 And finally, I'd like to acknowledge Kevin Barker
9 who has a long-standing history here at the Commission, but
10 only recently joined our team as the Deputy Director of the
11 Fuels and Transportation Division. In the few short months
12 he has been in this role he has already demonstrated an
13 ability to bring new and innovative ideas for program
14 implementation. And I'm just delighted to get to work with
15 him in this new role with the Transportation Division.

16 I'd like to mention just a few other folks. Siva
17 Gunda and his team especially, for stepping up the game on
18 our Alternative and Renewable Fuels component that we have
19 in our Demand Forecast. They've really done a great job
20 there.

21 Our terrific Public Adviser, Alana Mathews, for
22 the great work she does every day in making sure the public
23 knows how to engage with the Energy Commission. That's
24 just invaluable to make sur that people know when and where
25 to engage with us and how. And also for the lead that she

1 took in pulling together our Disadvantaged Community
2 Advisory Group, which as you all know is required under SB
3 350 and was developed in coordination with our Public
4 Utilities Commission.

5 I also served in my second year as the Chair of
6 the Western Interconnection Regional Advisory Body or
7 WIRAB. And I'd like to thank Grace Anderson, Al Alvarado
8 and their team for continuing to ensure that I'm prepared
9 for those meetings. As you all know, there's all kinds of
10 interesting things that take place in western politics and
11 making sure that the west is speaking with an aligned voice
12 on many western issues is really important. And I'm glad
13 that I get to be part of that.

14 I want to thanks Melissa Jones-Ferguson from our
15 media team. She has worked to highlight our program, the
16 Alternative and Renewable Fuel and Technology Program. And
17 also Barry Steinhart from OGA and his whole team, as they
18 always continue to keep us up to date on the latest and
19 greatest when it comes to leg efforts.

20 I want to thank all the folks that you see
21 sitting across from us although they're not all there. But
22 Drew Bohan and Courtney Smith, Kourtney Vaccaro and Allan
23 Ward. Thank you for the thoughtful leadership that you
24 display day in and day out.

25 And certainly last but not least, I have to

1 mention my terrific team: Rhetta deMesa, Matt Coldwell,
2 Claire Sugihara and Monica Shelley. It takes a village to
3 get all of the things done that we do every day and I
4 certainly couldn't do it without the village that I have.
5 And I'm really lucky to have mine.

6 And, of course, all of you, my colleague that I
7 get to work with on a day-to-day basis. I couldn't ask for
8 a better set of Commissioners to work with.

9 I wanted to just highlight for you just one thing
10 that I did between our last business meeting and this
11 business meeting, which was a chance to visit the L.A. Auto
12 Show. And that was really great. It's always interesting
13 to see all of the different types of vehicles, have a
14 chance to hear directly from the auto manufacturers what
15 they're thinking about. And there were a couple of themes
16 and you may have read some of the news articles. Mary
17 Nichols pointed some of this out, there continue to be
18 innovations in the internal combustion engine area, right?
19 They're working hard to sort of eke out every little bit of
20 efficiency that you can get in that space. And we did see
21 some of that including a new engine combustion technology.

22 There are I think almost every major auto
23 manufacturer, it was the global auto manufacturers, so each
24 one of the folks that we talked to have a plug-in hybrid at
25 least on the way. Many of them see the plug-in hybrid sort

1 of as a way to put your toes in the water on your way to
2 electrification. And so that was pretty intriguing and
3 they're all kind of in this like 18-to-27 mile range is how
4 much the electric component of the plug-in hybrid would be.
5 And they're thinking a lot about how do you advertise those
6 to the mass market, because they don't want people to think
7 that your car only has a 20-mile range, right? But they
8 feel like that's kind of a sweet spot in terms of being
9 able to do most of your driving in the electric space. And
10 then for those times when you need to go on a longer trip
11 or a family vacation or something like that is when your
12 gasoline engine in that plug-in hybrid would kick in.

13 It was great to see Outback, Subaru Outback is
14 now going to have a plug-in hybrid version, so we're
15 starting to see more come out in the crossover space, which
16 is terrific. Because as you know, lots of folks in
17 California and around the country like larger cars, so it's
18 good to see the technology making its way into larger cars.

19 And then the other observation that I would share
20 from the auto show is so we talked with some folks in
21 Nissan Leaf and others. And what they're trying to do is,
22 so if you think about the shape of the Nissan Leaf, the
23 first version kind of like the Toyota Prius had a very
24 unique shape to it, right? And so early adopters want
25 that, they want to have that kind of so that you can tell

1 that they're the early adopters. They're driving the
2 coolest, newest technology. As they move into the mass
3 market they really kind of want to make it look like a
4 regular four-door car.

5 And so there were more manufacturers kind of
6 talking about how they're moving from that early adopter
7 fast follower into the mass market. And they're sort of
8 making the cars look -- and think about the transition that
9 you saw the Prius go through, right? They're making them
10 look more like your sort of basic four-door car, so that it
11 appeals more to the mass market, but brings this technology
12 there. So that was really, really kind of a cool thing to
13 get to see. We'll start to see many more models coming on
14 between now and 2021, 2022, so it's exciting.

15 And then, just a quick wrap-up. I want to give a
16 special thanks to my advisor, Matt Coldwell. Matt has been
17 an integral part of my team for the past two-and-a-half
18 years, always eager to delve into any project that I threw
19 his way, continually providing invaluable input and
20 consistently delivering excellent results. I'm really
21 going to miss him. He's transitioning to the Energy
22 Assessments Division, so I'm excited for him. It's a
23 really fantastic opportunity, but I just wanted to
24 acknowledge that at our meeting here. So we'll see him in
25 the Energy Assessments Division working with Siva, so

1 delighted for that opportunity and sorry to see him go from
2 my office. He's done a fantastic job.

3 That's me.

4 COMMISSIONER MCALLISTER: Wow, that's a tough act
5 to follow. So yeah, I wanted to just thank my staff as
6 well and I'll do a sort of global thanks and maybe not tick
7 off the longest list of the largest division, which is the
8 Efficiency Division. But we have accomplished an amazing
9 amount this year, and it certainly starts or at least it
10 sits by leadership at our level, actually it doesn't start
11 by the leadership, it starts with staff and starts with all
12 the wonderful work they do to lay the groundwork for then
13 what we get to carry forward as Commissioners in our
14 respective areas.

15 And so my direct staff, Martha and Bryan, Martha
16 Brook and Bryan Early and also Laura Castaneda who's
17 replaced Donn, who all of you know and who retired mid-
18 year. Actually she still does her Christmas Party, so that
19 was a good one this year. But we still miss Donna and her
20 just character, personality and just optimism. But Laura's
21 doing a great job and I really am happy to have a solid
22 team in my office. They've just done a lot of heavy
23 lifting this year.

24 And then on the Division side we have new
25 leadership, Kristen Driskell, obviously she's doing a great

1 job. She stepped into Dave Aschuckian's foot, feet, shoes,
2 after he retired earlier this year not too long ago. And
3 so the continuity there has been great and we've continued
4 to really get stuff across the finish line routinely. Most
5 recently the Building Standards, last week the Building
6 Standards Commission, so we're all happy about that. It
7 was really a big step forward, a lot of innovation on that
8 front.

9 And I wanted to Christine Collopy as well who is
10 also leads the Division with Kristen and is just a jack of
11 all administrative trades, I think you could sort of call
12 her. She really knows under which shells the marbles are
13 all the time and so it's really good to have her continuity
14 there.

15 And Amber and Al on the media side, they've
16 really helped a ton and I'll reiterate with Barry as well
17 on the legislative side, really lots of challenges. We
18 have a great Legislature; they're doing a lot of amazing
19 stuff. And it's always hard to keep up with, so Barry
20 works with my office really well and Bryan and Barry really
21 have tacked into a lot of good stuff over the last year.

22 And I also wanted to thank Siva as well, just on
23 the forecasting front what a great workshop the other day
24 and on multiple fronts in the Energy Assessment Division.
25 I think him also stepping into Sylvia's shoes mid-year,

1 he's done a great job of getting continuity and sort of
2 rethinking some of the processes there and making that
3 division function well. And sort of gather steam really,
4 and I think it's noticeable every day. It's just sort of a
5 positive progression there.

6 Let's see, we have had a lot of accomplishments
7 in the Efficiency Division this year. I'll just highlight
8 a few of them in Building Standards most recently, a number
9 of appliance efficiency regulations. One today obviously
10 we just voted on. The Climate Action Plan I wanted to
11 highlight. I think Eugene Lee and his team have done a
12 really great job on that and sort of multifamily buildings
13 and the low-income aspects, low-income multifamily, are
14 huge, huge challenges for our state that we have to focus
15 on going forward in 2019. So hopefully we can see, we can
16 engage the Legislature on that as well and really find some
17 solutions for that big sector of our populations.

18 Let's see on the Prop 39 front we wrapped that
19 program up and I agree that Liz Shirakh has done a great
20 job for you. Well, she did a great job in the Efficiency
21 Division for years on the Prop 30 Program and that whole
22 team, I think really didn't miss a beat in the transition
23 for that program from schools to school buses. And really
24 giving competence, ongoing competence to Program
25 Administration, which I think we've shown over the last few

1 years that the Commission is now extremely capable of
2 administering these big statewide programs that move
3 markets. So I think that's a deep skillset that we've
4 really developed and cultivated over the last five years or
5 so. I think all to the good.

6 Let's see, I guess I'll -- well I wanted to thank
7 Drew as well for just all his leadership and just paying
8 attention to so many details. I really don't know how you
9 do it, there are a lot of plates spinning at any given
10 time. And Drew seems to understand where each plate came
11 from and what its history is and how long it needs to spin
12 and all of that stuff. So really I think keeping the
13 trains running on time in this building is an amazing
14 accomplishment as well as keeping a good eye on what's
15 coming. What's coming down the road and what's outside the
16 building and who our key stakeholders are and will be going
17 forward, so really thanks a lot. And I really enjoyed our
18 visit up to Paradise actually together over the weekend.

19 Let's see, a few things I want to just highlight
20 over the last -- our last Business Meeting hasn't been that
21 long. I wanted to just highlight for all of you that I'm
22 on the Board of NASEO. I actually Chair the Board of
23 NASEO, the National Association of State Energy Officials.
24 And we just kicked off a joint activity with NARUC, the
25 National Association of Regulatory Utility Commissioners to

1 look at distribution system planning.

2 And I think California definitely will
3 participate and we're looking for about 15 states, I think
4 we have them by now, to really focus on distribution
5 systems, which are increasingly the focus of energy system
6 planning. I mean, ISO might disagree with that, but it's
7 all important, right, up from the highest voltage
8 transmission and regionalism all the way down to the end
9 user. I think distribution system planning up to now has
10 been kind of underappreciated and we're trying to focus on
11 that and help other states and PUCs and energy offices
12 focus on that. So California is a bit ahead of the game
13 and I think has a lot to contribute to that. But
14 socialization of that distribution system, the importance
15 of the distribution system is I think really what this task
16 force and this joint effort with NARUC is all about. So I
17 have a lot of hope for that moving the needle nationwide.

18 I've given a lot of talks lately and I'm kind of
19 interested in what my colleagues here on the dais think,
20 but I really am heartened by many of the events that I go
21 to and the talks that I give. The audiences are younger
22 than they have been in years past, and more -- maybe that's
23 just contextual to the things that I'm doing specifically.
24 But there's so much interest in our youth, in our kind of
25 master student level, student population, and just so much

91

1 interesting innovation out there in the marketplace. And
2 it's engaging a bigger and bigger group of people of all
3 ages, but you just notice it at the schools.

4 I gave a couple of talks last week, actually in
5 rapid succession the same evening over at the Energy and
6 Resources Group together with Carla and Louise Bedsworth.
7 We did sort of a panel about energy, topical energy issues
8 in California. So that was like old home day, lots of
9 familiar faces.

10 And then right after that I went over to Maggie
11 Winslow's Energy Management Program at USF and she's an
12 (indiscernible) as well and now has this really beautiful
13 program over in the city that is attracting an incredibly
14 diverse array of master students. And those are just to
15 examples.

16 The week before that I went down to a meeting
17 organized by -- a little sort of mini-conference at Fresno
18 State organized by ConSol and the CBIA and Fresno State and
19 De Young Properties. And De Young has a zero net energy
20 development that they're doing down in Fresno, so that was
21 kind of the reason for that location. But they have a
22 building management, construction management program at
23 Fresno State. And these students are so into energy and
24 sustainable building, it's really incredible. It's
25 beautiful.

1 I mean, these are folks that are going to be out
2 there as construction managers and they're going to be out
3 there with the hard hats on building stuff. And it's
4 really great that they have this core knowledge and
5 interest in sustainable building. So anyway, but that's a
6 theme that seems to just be growing and it gives me a huge
7 amount of optimism for what we'll be able to accomplish in
8 2019 and beyond.

9 Let's see, I guess that's it. I just wanted to
10 particularly thank again the staff, the Building Standards
11 Division, Christopher Meyer and certainly Kristen and Dave
12 before her, but Christopher Meyer and Mazi and Payam and
13 the whole team there that's been working on these Building
14 Standards for many years. And we're sort of building on
15 the shoulders of giants at this point, I think. Just with
16 all the great history that the Building Standards have in
17 the state.

18 And, you know, I hear about it whenever we make a
19 milestone, I'm like hey I read it in the paper and wherever
20 people are across the world really, but certainly across
21 the country, way to go. There's a lot of we really need
22 California to lead, so that we can move in that same
23 direction. You know, the envelope gets bigger and people
24 can move into the center and really advance in the right
25 direction. So I think what we're doing here is just so

1 important. And the fact that we have processes that
2 underpin it and keep it robust and keep it really sort of
3 defensible when people push back on it, I think is
4 critical.

5 And it takes a lot of people. You know, when I
6 go to NASEO and oh we introduce ourselves and our Energy
7 Office says, "Oh yeah, well we have 700 FTEs at our State
8 Energy Office." And some of the states have half an FTE or
9 two FTEs. You know, NYSERDA has a few hundred, but we're
10 the biggest energy office. And people look to us to lead,
11 because we do have a lot of things going on that others
12 really can't manage. And so I think that heightens the
13 obligation to do it responsibly.

14 Anyway so 2018 was a great year, a lot of big
15 milestones and I'm looking forward to working with all of
16 you on the dais, Drew, Allan, Kourtney and really everyone
17 here for another great year. We have another new Governor
18 coming up and we'll see how things change, probably
19 qualitatively, but I think the direction will continue on
20 in the same general direction, so thank you.

21 COMMISSIONER DOUGLAS: All right, well I will
22 wrap some of my year-end comments in a brief report,
23 general Commission report together. And I also want to
24 recognize the hard work and long hours put in by the Energy
25 Commission staff and to offer my own appreciation and thank

1 yous for that work. I'm going to really focus my comments
2 on the staff, the Siting Division and Siting and Planning
3 work an associated work.

4 So we've had a lot of amendments and a lot of
5 compliance work go through the Energy Commission. And the
6 staff has been on it and doing good analyses and also
7 working on just efficiency of the process. And so that's
8 been, I think, really strong.

9 In addition to that the Office of Administrative
10 Law just approved our rulemaking package to update the
11 Siting Compliance Regulations. There was a lot of work
12 that we put into that. We also had a number of workshops,
13 engaged with stakeholders to get input. And I think that
14 package will both improve our efficiency and also help us
15 strengthen the -- help us really kind of focus on the
16 amendments that need more focus. And be able to facilitate
17 updates that are more technical in nature and do those more
18 efficiently. So it's a nice package.

19 Last year we approved an interagency agreement
20 with the California Public Utilities Commission under which
21 Energy Commission staff provide technical assistance and
22 support to the CPUC to prepare California Environmental
23 Quality Act documents and transmission planning analyses.
24 Last month, staff completed their first CEQA analysis under
25 that agreement with the publication of the Initial

1 Study/Mitigated Negative Declaration for the Ravenswood
2 Project. So that was a proposed upgrade to 1.6 miles of
3 PG&E 115 kV powerlines in San Mateo County.

4 Staff's now working on their second CEQA analysis
5 under that agreement with the Viera Reinforcement Project.
6 That work has gone well. The relationship building between
7 the CPUC and CEC staff in order to be able to work jointly
8 or coordinate, have the Energy Commission do the
9 environmental work, but in close coordination with the PUC.
10 And efficiently and get the work done, has been really
11 good. And the Energy Commission staff have had to learn
12 about the PUC process and how the PUC, both
13 administratively and in terms of their CEQA process how
14 they work. And so it's been a learning curve as well, not
15 so much on the environmental review side, because we do
16 that very well. But on the just process side and so
17 staff's really stepped up there.

18 I want to thank and in general we have so many
19 people doing this work that I haven't been listing names in
20 the Division. But I'll say for the much smaller Cultural
21 Unit, Tom Gates, Gabriel Roark, Matthew Braun and Jessica
22 Bonitz have done really great work, not only in the
23 fundamental cultural resource analysis that goes with the
24 environmental review, but more visibly to me in our
25 outreach to Native American tribes. We completed an update

1 of our Tribal Consultation Policy.

2 And on November 26th through 28th, the Energy
3 Commission helped organize the first ever Tribal Energy
4 Summit, which was a leadership level state and tribal
5 dialogue on energy. And so Commissioner Scott was there
6 and I attended, two Commissioners from the CPUC attended:
7 Commissioners Rechtschaffen and Randall. We had high-level
8 staff from the Independent System Operator there. And we
9 had a really good discussion with tribes about their energy
10 aspirations, how the state works in energy.

11 We had a number of staff from different divisions
12 throughout the Commission support that by attending and by
13 helping provide information and serve as resources to
14 tribes that attended the summit. It was a great step in
15 the Commission's ongoing work and relationship with Native
16 American tribes and so I was pleased about that. And Drew
17 attended that, so that was great to have our Executive
18 Director there as well.

19 Let's see, as part of our planning work we
20 participated in the Bureau of Ocean Energy Management
21 Intergovernmental Renewable Energy Task Force for
22 California. And I've been the task force member and really
23 I've been playing the role of the point person for the
24 administration on the task force. We have a number of
25 state agencies also on the task force.

1 And the Energy Commission staff have been
2 instrumental in the work and the role that we've needed to
3 play to step up and coordinate between state agencies to
4 try to develop a state voice on the question of offshore
5 wind that reflects its energy potential, environmental
6 considerations, and the need for robust public outreach and
7 community dialogues, tribal outreach, stakeholder outreach
8 and so on. So as I've noted, we've really relied heavily
9 on staff in the Siting Division to support us in that
10 effort, particularly on the outreach and science side. And
11 they've been invaluable.

12 Lastly, I've attended the Western Regional
13 Partnership Forum on November 13th. It's a really
14 important way as Commissioner Scott I think knows well, and
15 of course all of us really do some of this interregional
16 coordination, but it is really important to maintain these
17 relationships. And I was just struck in that room by the
18 way that of course many of our issues are not confined to
19 our jurisdictional lines. And, in fact if you're trying to
20 get something done that you may be dealing with, you
21 probably will be dealing with multiple federal agencies,
22 multiple state agencies, and multiple states very often.
23 And so knowing who to talk to, being able to learn from the
24 experience of others, having these relationships.

25 Tribes play a big role in that as well and so

1 having the tribal and governmental and state dialogue about
2 land-based issues and how they relate to energy was really
3 great. Jim Bartridge has been kind of heading that up or
4 at least provided me with most of the support I needed and
5 was able to attend that with me.

6 So I want to briefly thank the attorneys, hearing
7 officers and support staff and the Legal Office who support
8 the work that I've listed off: Kristy Chew in her role as
9 Technical Advisor to the Commissioners on Siting Matters
10 and the Public Advisor and her office for their valuable
11 work. They were in force at the Tribal Energy Summit.
12 They've been working not only on the nuts and bolts of the
13 office, although they've done a good job on that, but
14 they've also stepped up to help us on the Tribal Energy
15 Summit, for example being there, the disadvantaged
16 community work. And so we've seen that office under
17 Alana's leadership kind of step up and provide some broad
18 support and that's been really great.

19 My Executive Assistant, Ollie Awolowo keeps me
20 generally in the right place at the right time. When I'm
21 not it's probably my fault. And my advisers Jennifer
22 Nelson and Le-Quyen Nguyen have also probably attempted to
23 do that as well, not always successfully but they try.

24 So I'll join on thanks to the Executive Office
25 and Chief Counsel's Office. Maybe I'll just -- the last

1 thing -- not only the attorneys who support Siting, but the
2 Chief Counsel and the attorneys who support the
3 organization as a whole. As the attorney Commissioner I
4 know that many times the attorneys' work is invisible and
5 if it's visible it may be, you know, not always -- advice
6 is not always welcome or enjoyed by the recipients even
7 when it's well intended and to the point and actually needs
8 to be considered and followed. And so the Chief Counsel's
9 Office and the attorneys provide a really important service
10 to the Energy Commission and they work really hard to
11 provide that service in the best possible way and so we
12 really value them. And I want to thank them for their
13 work, so as a thank you.

14 COMMISSIONER HOCHSCHILD: Well, thank you,
15 Commissioner Douglas.

16 Yeah, I too am very grateful, especially Natalie
17 Lee taking over from Courtney as Division Director of
18 Renewables really have approached the job with
19 professionalism and vigor and commitment to excellence.
20 And I'm really grateful to you and the whole team.

21 We had a fantastic workshop two weeks ago on the
22 vision of California becoming a lithium producer, because
23 we have enough lithium in the Salton Sea to meet one-third
24 of global demand. Just the way that conversation was set
25 up with the Salton Sea Authority and Berkshire Hathaway and

1 all these other stakeholders. I mean, that was run so well
2 and set up, so just for me to come in and facilitate. But
3 all the details are taken of so marvelously it just really
4 puts us in a great position, so I'm just really grateful to
5 you for the professionalism.

6 And then Courtney and Drew, I just really enjoyed
7 watching your chemistry. I look for that in teams and you
8 had a great chemistry with Rob and then Courtney coming in.
9 You guys didn't really know each other that well, hadn't
10 worked closely together and just seeing that click feels
11 really good. Because I just don't know what you're doing,
12 each of you every day, but I just know that every time I
13 see you, you're locked in and trying to make something
14 better somewhere in the Commission. And it's just great to
15 see.

16 This has been an extraordinary year and it does
17 feel like the best of times and the worst of times. I go
18 to Paradise frequently, my mentor and very dear friend
19 lives there. He got out with five minutes to spare, his
20 neighbors didn't make it. No warning, his wife smelled
21 smoke and they had just a bit of time to put the dogs in
22 the truck and get out and everything got burned. His house
23 miraculously was saved.

24 His barn burned down and the reason was he raises
25 goats and so this is actually -- in fact, earlier two years

1 ago he'd given me two goats. He offered me these two baby
2 goats and I stupidly asked my daughters if they wanted them
3 and they were like, "Yes." And that was the end of my
4 wife's rosebush. (Laughter.) But actually it is
5 interesting question, how do we become more resilient, so
6 maybe a goat for every household?

7 But smoke canceled schools. My kids got sick. I
8 mean, we're living with the consequences and it feels to me
9 like with climate change we're one giant fire department.
10 We have to have a fire suppression operation and a fire
11 prevention operation at the same time. That's how I'm
12 thinking about this work, and so even as we learn to be
13 more resilient with the consequences we still have to push
14 really hard on the prevention side. And I am so proud,
15 this year as I've said before we got more of the finish
16 line than I thought would be possible.

17 And just I came back from Paris. Ken Rider and I
18 went to go speak in the EPRI Conference, about 100
19 different utilities and other stakeholders over there. And
20 just walking through what we're doing, I mean they're very
21 clearly following really closely and I just get the sense
22 what California does has reverberations all around the
23 world. So I do think that's an important part of the work
24 ahead, is continuing this incredible international
25 engagement with the Chair, especially with China, no more

1 important partner, Mexico and all the rest, and constantly
2 thinking about how best to do that.

3 And in fact, Danny Kennedy and I are actually
4 starting along with Elaine Hsieh, formerly with VERGE, a
5 new podcast tentatively titled "Energize America" to tell
6 some of these success stories. We've teamed up with the
7 founder of Radiolab and just recorded our first pilot
8 episode this week. And I think I'm just constantly
9 thinking how else do we amplify what we're doing even as we
10 push forward?

11 I wanted to share just a really very poignant
12 moment last week. The California Hall of Fame ceremony
13 happened, which Nancy McFadden was instrumental on getting
14 that going and then actually she herself was inducted in
15 memoriam. You know, Newsom was there; Brown was there;
16 Laird, a bunch of others and then this incredibly diverse
17 and beautiful mix of Californians. So they had Robert
18 Redford, Joan Baez, Arlene Blum as the scientist who fought
19 the toxic flame retardants in furniture, Belva Davis, Ed
20 Lee. And then Fernando Valenzuela, the Dodgers Pitcher,
21 who joked that this was the first time that he'd ever
22 gotten applause in Northern California.

23 And that each awardee introduced the next one and
24 so watching Robert Redford get introduced by Fernando
25 Valenzuela, was just like what a state. And then Brown

1 was, the Governor was kind of complaining, but he said,
2 "You know, I'm a minimalist. I don't even like these
3 things, but I'm here because of Nancy McFadden." So it was
4 very poignant and just made me feel really proud to be a
5 part of the state.

6 And I just did want to mark the occasion, what an
7 extraordinary run Governor Brown has had. You know, we've
8 been here for these last few years, but really it's a 16-
9 year chapter and in fact including his father, 22 years of
10 just incredible inspiring public service. And what an
11 inspiration and I hope that that energy that he's put in is
12 contagious. And I know it is.

13 So let's see, I just wanted to also thank my
14 staff: Kathleen, who's been magnificent; Ken and Terra, who
15 outwork and out hustle me and outthink me every day and I
16 love to have them on my team. And just so proud just in
17 Renewables. You know, we have tripled renewables in the
18 last decade in California. And now looking at electric
19 vehicles, monthly sales have increased three-and-a-half
20 times this year alone, so it is great to see the momentum.
21 And I'm just really grateful.

22 And I finally just want to say to Chair
23 Weisenmiller, it is hard, your job is harder than
24 everybody's, because I think you're dealing with a bunch of
25 administrative crap that just falls in your lap. And it's

1 hard and I just want to acknowledge that I feel like the
2 important thing, we're a flock of birds and the important
3 thing is the direction we're flying. But as the one who's
4 flying in front, you're having to face the heaviest winds
5 and I'm just really appreciative of all your hard work.

6 CHAIRMAN WEISENMILLER: Thank you. I'm sort of
7 doing wrap up here, so I'll start with my staff. I mean,
8 obviously my office does a great job of making my life
9 easier and keeping it organized. Catherine obviously and
10 Jann, Kevin moved on to bigger and better things, but was
11 really phenomenal for Grant to come and pick up basically
12 double duty. And certainly Alana, Mike, it's a very strong
13 team. That we expect a lot from folks and they deliver.

14 Certainly again I'd like to reach out to the
15 Executive Office. I mean, certainly Drew and Courtney and
16 the whole team there. I mean, obviously Lisa and the Audit
17 team, I mean a key role and (indiscernible) and Paul in
18 Enforcement. You know, just Albert in the Communication
19 Shop, particularly proud of what we're doing on social
20 media and that part of events and Katie is really pushing
21 that and others pushing the social media part of that,
22 bringing us into a different era, shall we say.

23 I worked a lot with Research and Development, so
24 certainly Laurie is great. Her team is great. I think
25 certainly one of the high points this year is the Fourth

1 Climate Change Assessment. That's been a huge lift by
2 Guido. I mean that's been Guido's career actually, the
3 climate change assessments. Susan Wilhelm now, Pam
4 Doughman from my office was editing every single report as
5 we marched through, but again that really set a bar.

6 I think all of us remember the *New York Times*
7 quoting the Governor that in California, data and science
8 still matter. And that's really critical in these dark
9 days now.

10 I think in terms of certainly on the assessment
11 side, you know I think Siva is going to do wonderful
12 things. I mean, obviously Sylvia was great to work with in
13 all these years. I was going to say I was going to flag
14 Heather Raitt for the tracking progress. I mean that's
15 been a huge lift.

16 I would also like to thank basically Al and Chris
17 and Grace for their activity on we're looking at northwest
18 transfer capability. That's a key project as we look at
19 some of the Aliso Canyon issues. And they've been working
20 pretty hard, very hard on that. Obviously Aliso has been
21 something that is very -- been important. We obviously
22 miss Saul on those bi-weekly calls and now Kevin. But
23 certainly Katie Elder and Ed Randolph have really been on
24 top of that as we go into the winter season, which is
25 always a little daunting with as many pipelines out as

1 there are out in Southern California at the same time that
2 we really had to limit the role of Aliso, just dealing with
3 the real reality there.

4 As you said, international stuff has been
5 critical. Certainly my office folks really came through on
6 the Germany-California event. We've had the second one,
7 looking forward to the third. I mean a lot of that was
8 Kevin. Certainly the China Pavilion was a huge success at
9 the summit. That was certainly Michael, Alana and the
10 whole team really pushed that along. And certainly Bryan
11 Early has really helped on Mexico.

12 But it's certainly been a key part of what we
13 deal with is trying to reach out globally and as you say,
14 amplify our activities here and other places.

15 I think sort of trying to -- I was going to say I
16 certainly want to thank the Public Adviser and her office
17 too, particularly for their help on the Disadvantage
18 Advisory Committee Group. And I really want to highlight
19 Pam Doughman's activity on indices. And certainly the
20 Stanford interns we had in, brought in a lot of energy but
21 really came through for staff. And again that's I really
22 want to encourage us to grow that relationship going
23 forward.

24 Hopefully, I've hit at least the high points for
25 folks. And again I would like to thank people for what's

1 been a good year on stuff. Oh, on the indices I was going
2 to say certainly cartography, geospatial data has been huge
3 on that.

4 Also they've done a great job with me on trying
5 to go through the state's power, gas, fuel, also now state
6 facilities, looking at the high fire-risk areas. And so we
7 can try to focus -- I should mention Justin. Certainly
8 Justin has really helped on the nuclear side and also on
9 the emergency side. You know, that when fires have been --
10 in terms of who's been called out to the emergency centers
11 it's probably Justin and his folks trying to deal with that
12 or planning future emergency stuff.

13 So again it was certainly a good year, great
14 staff, and we need to continue to rise to the challenge of
15 the times. Thanks.

16 Let's go on to Chief Counsel's Report.

17 MR. WARD: Yes, Chair and Commissioners.

18 Kourtney wanted to be here today to make a statement in
19 person about two people in our office who are retiring.
20 Unfortunately she couldn't make it today, so at her request
21 I will instead read the statement that she prepared.

22 So, "With your indulgence I'd like to take just a
23 few moments to give special recognition and express my
24 gratitude to two Chief Counsel Office attorneys who will
25 retire at the end of this month. Paul Kramer and Caryn

1 Holmes, both of whom have committed themselves to public
2 service for several decades.

3 "In particular, I would like to recognize Paul's
4 diligence and attention to detail in his work on the
5 Commission's e-filing and docket systems. His efforts have
6 significantly helped to ensure continuing transparency and
7 public participation in the Commission's transactions of
8 its business.

9 "Paul also distinguished himself as a tireless
10 leader as the Commission worked at an unprecedented pace to
11 process applications for certification of power plants
12 during the availability of Federal American Recovery and
13 Reinvestment Act funds. Paul was the Hearing Advisor on
14 some of the most legally and procedurally challenging cases
15 presented during that time. And he ably collaborated with
16 the assigned committees to meet aggressive deadlines while
17 ensuring robust public process and integrity of decision
18 making.

19 "Regarding Caryn, her dedication and commitment
20 to the Commission is apparent to all who have worked, or
21 had the privilege of working with her. In the past four
22 years or so that I have served as the Chief Counsel, Caryn
23 has been a beacon for me. And more importantly, she has
24 been a steadfast anchor for everyone in the Chief Counsel's
25 Office and throughout the Commission by one, providing

1 thoughtful considered advice and solutions and a never-
2 wavering willingness to collaborate with others to reach
3 the best solutions for the Commission; by two, consistently
4 demonstrating the intellect and higher-order thinking
5 necessary for the creative problem solving; and three, by
6 coming each day to this workplace with a powerful and
7 undeniable generosity of spirit and passion for the work of
8 the Commission.

9 "So thank you Paul and Caryn for your service.
10 We appreciate you."

11 And that's it for the Chief Counsel's Office.

12 CHAIRMAN WEISENMILLER: Thank you. That's great.
13 Executive Director Report?

14 MR. BOHAN: Thank you.

15 First, I want to thank you for your consistent
16 leadership up at the dais. Albert is finalizing our Year
17 Accomplishments as you know, and a lot of this stuff is
18 really hard. And so I really credit your leadership for
19 getting us through some very difficult technical challenges
20 and often times some political challenges as well. I've
21 been really pleased to be a part of it.

22 I also want to thank you for your show of
23 confidence and kind words. We had some thank yous going
24 around about the Building Standards Commission meeting the
25 other day. Commissioner McAllister singled me out and

1 thanked me and I just wanted to say it felt like this was a
2 marathon he started, staff ran for the 26 miles, and I was
3 handed the baton at the last 100 yards. And got to testify
4 in front of the Commission, but it was a great
5 accomplishment all the way around.

6 Also, I want to thank you for acknowledging all
7 the staff that you did in your comments and many of them
8 who have stood up and who warranted your particular
9 commendation. But I also want to thank all those who you
10 may not have come in contact with and who contributed a lot
11 of that really makes this Commission go forward. We've
12 got, as Commissioner McAllister pointed out, about 700
13 strong now. And for every name that gets mentioned here,
14 there are a couple, sometimes a dozen, sometimes more
15 behind that person who really made that accomplishment
16 possible. So we can't list all 700, but things really are
17 a team effort.

18 Also, I wanted to just say that personally it is
19 a joy working with this team every day. We've got a
20 diverse group. It's a fun group. I think most people who
21 work here actually enjoy their jobs and enjoy interacting
22 with the folks. I hope that's true and I hope it
23 continues.

24 I've got a long list, but I want to call out a
25 few folks. First are Sylvia Bender and Dave Ashuckian.

1 They both retired this year as you know, and they had long
2 and distinguished careers. And I thank them for their
3 service.

4 The three deputies that started also this year:
5 Siva Gunda, Kevin Barker and Kristen Driskell. They each
6 bring a new perspective. They all have very strategic
7 orientations and think about things strategically from
8 staffing to the way we conduct our work. And they bring a
9 lot of energy, so we're really fortunate to have them.

10 Laurie ten Hope got to mention as well and she's
11 been the Deputy I've worked with the longest. And she's
12 been in her position now for the better part of a decade.
13 And she's just extremely dedicated to managing her research
14 program that helps California meet its many energy goals.
15 Her steady hand has guided this Division for a decade.

16 Shawn Pittard inherited a Division that was going
17 through significant change and continues to do so. And his
18 calm determination has served this organization very well.
19 He's proof that likeability and good management are not
20 mutually exclusive. (Laughter.)

21 Natalie Lee, who Commissioner Hochschild
22 mentioned, moved very easily and seamlessly from her
23 position as the second in charge of the Renewable Energy
24 Division to the lead spot. She's embraced numerous
25 challenges and is steadfastly working through each of them.

1 I often characterize my job as keeping the trains
2 running on time, but that description really probably best
3 belongs to Rob Cook. He oversees everything from the
4 purchase of toner to the management of our budget from the
5 work of the EEO to the work of IT. We're very thankful
6 that all that quiet work you hope not to hear too much
7 about is being done effectively.

8 Paul Jacobs has built a well-oiled machine on the
9 first floor. His work has sent a strong message to the
10 appliance manufacturers that following the law is really
11 the best alternative. Paul takes a tough but reasonable
12 approach to bringing companies into compliance.

13 Lisa Negri, also mentioned, continues to perform
14 excellent audits, both in funding recipients and some
15 aspects of our internal operations here. Her team helps us
16 best manage public funds.

17 Heather Raitt, also mentioned, and her team sits
18 quietly over in the corner there in the third floor and
19 just year after year do a tremendous job of coordinating
20 the massive effort we call the IEPR. This year, her team
21 showed their nimbleness as they worked with Commissioner
22 Hochschild and his staff to adopt a very innovative Volume
23 I of this year's IEPR.

24 Albert Lundeen, usually sitting across from me,
25 I think he left a little earlier, also deserves our thanks,

1 keeps us on message. He's got a press release that's going
2 to go out probably just as soon as this meeting ends. And
3 he's got a great team he's assembled as well.

4 Barry Steinhart manages our relationship with the
5 Legislature and other outside stakeholders. This is
6 critical to getting our agenda moved forward. He's very
7 well regarded by the many professionals at the Capitol that
8 we interact with. And he's also built a great team.

9 Justin, also mentioned, he's upped our game on
10 both nuclear issues and in emergencies. We hope we don't
11 need him for the emergencies, but if we have one we're
12 going to be well served by having him in place. I also
13 want to thank Kourtney Vaccaro and Alana Mathews and their
14 teams for their excellent partnership.

15 Since Allan's sitting here, I can't not mention
16 that what a great lawyer to work with. First of all Allan
17 is a great lawyer. And he and I arm wrestle periodically
18 over things, but he just handles his job with grace and
19 thoughtfulness and he's motivated by trying to do the best
20 job by the Commission. And I really, really thank him for
21 that. We spend a lot of time together.

22 And then, finally I want to thank my team: first,
23 Gaylene Cooper who is a tremendous conscientious assistant
24 who also happens to be one of the best editors in the
25 building, a little known talent to some.

1 We lost Laura Castaneda this year, but she found
2 an excellent home with Commissioner McAllister. And we
3 miss her, but are happy that she's got an opportunity to
4 move up. Victoria Sandoval-Moreno just joined us to take
5 over Laura's responsibilities and she's jumping right in.

6 Shirley Long Snyder (phonetic) is our returned
7 annuitant. I'm sure you've all seen her. She's just a
8 great spirit, great attitude and steps up and does
9 whatever's asked of her.

10 And last, but certainly not least, I hope she's
11 still here -- she is still here -- is Courtney Smith.
12 She's coming on her one-year anniversary in this job. But
13 it seems like she's worked here forever. I just can't
14 imagine, and I underscore this, working with a better
15 partner. And I can't thank her enough for all the things
16 that she did.

17 I just want to highlight one. She took our Green
18 Team and she kind of retooled it and reenergized it and we
19 selected a bunch of folks to participate in it. And
20 they've put together a recommendation to take our second
21 floor cafeteria and that other room, and if you've been
22 into the third room in the back there it's not a pleasant
23 place. And they've got an idea how to really revamp this
24 place and make it an excellent spot for staff to visit and
25 to get some work done and maybe have a little fun on their

115

1 breaks. And I'm really proud of that work and we're
2 supporting those efforts.

3 In closing, our goal as staff is to help you
4 fulfill your goals. The one administrative item I'd like
5 to call to your attention to is ERPA, the Energy Resources
6 Program Account, which you're probably sick of hearing
7 about. But as you know we made really significant strides
8 this year in closing the structural deficit. It's not
9 done, but we made a huge dent. So thanks again, and happy
10 holidays everyone.

11 CHAIRMAN WEISENMILLER: Thank you.

12 Public Adviser Report?

13 MS. MATHEWS: Thank you. So if Drew's job is to
14 keep the trains running I guess I have to help people know
15 where to purchase tickets, find the schedules, see if we
16 have stops going everywhere throughout California. And it
17 is truly a labor of love. I enjoy my job.

18 I do want to thank my staff, Rosemary Avalos and
19 Dorothy Murimi, who are both outreach specialists for each
20 division. Rosemary focuses on siting and renewables and
21 natural gas and Dorothy focuses on our fuels and
22 transportation, energy efficiency as well as energy
23 assessments.

24 And they assist staff. I thank them for all the
25 work they've done this year with outreach engagement and

1 participation. And that usually involves researching
2 various areas and demographics and compiling lists of
3 environmental justice groups or energy equity groups and
4 understanding how best we can interact with a particular
5 community or organization that we want to make sure that we
6 are being inclusive of.

7 A few things that I'm happy that we were able to
8 assist with the Commission again is the Summer Institute
9 for Energy Law and Policy. I think it's great to have that
10 pipeline of diversity being able to bring high school
11 students in. There have been a number of energy equity
12 panels and discussions that I have participated and been
13 happy to represent Energy Commission's forward thinking on
14 that. I also want to thank Maria Norbeck, who is my new
15 Assistant. And she has helped transition our office to
16 become a paperless one, so I am happy we have a lot of
17 documents that we have to store. So it's all managed
18 electronically now.

19 Of all the things that I've had to be involved in
20 this year I think the discussions regarding energy equity
21 is very important. And that's what I'll lastly want to
22 highlight is because those conversations are changing. And
23 the narrative of energy equity is really being driven by
24 those in the communities facing that. And I want to make
25 sure that the Energy Commission, as we move forward, is

1 aware that and responsive to that.

2 So a lot of times we may have a workshop or we
3 are having a new policy that we're working on and we will
4 invite members of that community maybe to attend or perhaps
5 participate. And I really want to encourage, and the
6 Public Adviser's Office is here to support you moving
7 forward that we really engage those communities at the very
8 beginning. So when we're looking at program design,
9 solicitation development, or program development, that
10 we're really looking at how we can engage in and not just
11 say once we figure it out we'll just invite you. That's
12 the changes we can see on the national level, people feel
13 they want to be involved.

14 And I'm hopeful for one of the highlights is the
15 San Diego Sustainability Coalition. That's what they call
16 themselves, but my office was very instrumental in bringing
17 together. So just a group of individuals who felt like
18 their voice may not be necessarily be represented in our
19 Disadvantaged Advisory Group, being responsive, having a
20 meeting and we've had at least 30 representatives from
21 state, local government, community based organizations and
22 energy groups, like the Center for Sustainability. So very
23 thoughtful and technical experts have come together and
24 they've had a number. I think they meet every other month.

25 And so hopefully, that's a model as we begin to

1 engage more communities to help them understand how they
2 can better engage in our process. And not from the
3 standpoint of just being aware, but understanding how to
4 leverage that expertise and really say well this is what we
5 need if we're looking at renewable or energy efficiency and
6 things like that.

7 So I think that pretty much wraps up the
8 highlights of things that I wanted to talk about. So thank
9 you each for your support. So we will see that there'll be
10 more input.

11 Again, I think I have staff that attends all the
12 Lead Commissioner meetings. So they'll not only be raising
13 the equity with regard to disadvantaged communities as well
14 as low-income communities, but also tribal communities who
15 are very happy to start with that work. And so we just
16 want to lift our voice up to ask the questions how is
17 outreach being done or how are they being considered? And
18 if they're not, we're committed to assisting staff to
19 making sure that's done in a thoughtful and meaningful way.
20 Thank you.

21 CHAIRMAN WEISENMILLER: Thank you.

22 We have two public comments. Please, Mr. Uhler
23 come up.

24 MR. UHLER: Thank you, Commissioners. Last month
25 I came to talk about power source disclosures during public

1 comment. Commissioner Weisenmiller had pointed out a
2 Enforcement Office. I had contacted the Enforcement
3 Office, but they had no knowledge of how to deal with
4 violations of Title 20 1393. That's where they're supposed
5 to send me the power content label.

6 The other thing that struck me was -- and reading
7 in the transcript it says that Ms. Lee said SMUD was
8 allowed to aggregate on to one label, solar shares, green
9 energy (phonetic) and such. And that appears to be a
10 private agreement. And I'm wondering what Commissioner
11 Douglas would say about the maxims of jurisprudence at
12 3513? They appear to have waived in my advantage in the
13 law of knowing that power content label. It troubles me.

14 It troubles me. That's why I brought it up in
15 the situation of the SMUD petition. Is this a situation of
16 staff not realizing there's a regulation that says yeah, we
17 put an ID on every piece of equipment. And again, I'm
18 after this power content thing, knowing what are they using
19 to relate to a piece of equipment? But yeah, I'm not
20 understanding -- and I asked for this allowing of SMUD, of
21 a written document describing this agreement to allow them
22 to do that. I haven't gotten that.

23 I also haven't gotten any reply. Now, maybe Ms.
24 Lee is busy. I have solutions for reducing workload in
25 that area, because you're totally underutilizing inventory

1 control systems that would free up a lot of labor. But
2 yeah I'm -- SMUD is advertising voluntary products but not
3 providing what 1393 requires, so I'd like to know more
4 about this Enforcement Office.

5 And is there a training issue? Maybe this person
6 didn't know that there is a way of handling a violation, an
7 alleged of 1393 of the Title 20? I'd appreciate anything
8 in there, because I believe that if everybody in the state
9 knows what's going where, we'll have more direct action
10 from the consumer who makes the decision to actually burn
11 the fuel. Thanks.

12 CHAIRMAN WEISENMILLER: Okay, thank you.

13 We have one gentleman on the phone?

14 MR. NGUYEN: Hello, this is Phi Nguyen, from
15 Energy Solutions speaking behalf of Southern California
16 Edison and San Diego Gas and Electric.

17 I just want to cap this with a thank you to the
18 Energy Commission for a very productive year. A thanks for
19 positioning California as national leaders in energy
20 efficiency. The IOUs appreciate working with the Energy
21 Commission in efforts to adopt efficiency standards that
22 are practical and cost effective.

23 The Energy Commission staff that worked with
24 regulations have acted professionally and smart, so nothing
25 but good things to say. And the California utilities look

121

1 forward to working with the Energy Commission in the
2 future.

3 CHAIRMAN WEISENMILLER: Thank you.

4 This meeting is adjourned.

5 (Adjourned the Business Meeting at 12:45 p.m.)

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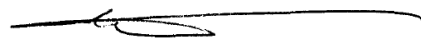
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REPORTER' S CERTIFICATE

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

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

IN WITNESS WHEREOF, I have hereunto set my hand this 21st day of December, 2018.



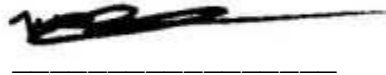
PETER PETTY
CER**D-493
Notary Public

TRANSCRIBER'S CERTIFICATE

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

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

IN WITNESS WHEREOF, I have hereunto set my hand this 21st day of December, 2018.



Myra Severtson
Certified Transcriber
AAERT No. CET**D-852