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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

WEDNESDAY, AUGUST 1, 2018

10:00 A.M.

Reported by:  
Gigi Lastra

**CALIFORNIA REPORTING, LLC**  
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APPEARANCES

Commissioners

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

Staff Present: (\* Via WebEx)

Drew Bohan, Executive Director  
Kourtney Vaccaro, Chief Counsel  
Alana Mathews, Public Adviser  
Cody Goldthrite, Secretariat  
Kirk Oliver, Staff Attorney  
Matt Chalmers, Staff Attorney

Interns:

Matt Alexander, Stanford University  
Adriana Gomez, Lewis & Clarke Law School  
Maria Almaraz, Sacramento State University  
Lauren Burns, UC Berkeley

	Agenda Item
Terra Weeks	2
Bailey Wobschall	2
Haile Bucaneg	3
Amulya Yerrapotu	4
Christine Root	5
Mary Dyas	6
Jared Babula	7
Sean Steffensen	8
Paul Deaver	9
Shahid Chaudhry	10

APPEARANCES (Cont.)

Others Present (\* Via WebEx)

Interested Parties

Scott Galati, PG&E	5
Bob Therkelsen, ACE Cogeneration Company	6

Public Comment(\* Via WebEx)

Brian Kolodji, California Engineering Services	2, 9
Samantha G. Neumyer, Ellison Schneider Harris & Donlan LLP on behalf of Independent Energy Producers	7
*Robert Sarvey, Self	7

I N D E X

	Page
Proceedings	7
Items	
1. CONSENT CALENDAR	7
a. COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS, INC.	
2. TOWARD A CLEAN ENERGY FUTURE - 2018 INTEGRATED ENERGY POLICY REPORT UPDATE (IEPR UPDATE), VOLUME I	7
3. INFORMATIONAL PRESENTATION ON PROPOSITION 39: CALIFORNIA CLEAN ENERGY JOBS ACT	18
4. ENERGY COMMISSION PROJECT MAP	26
5. GATEWAY GENERATING STATION (00-AFC-01C)	44
6. ARGUS COGENERATION EXPANSION (ACE) (86-AFC-01C)	49
7. POWER PLANT SITING AND GENERAL PROCEDURES PROCEDURES RULEMAKING (17-OIR02)	55
8. PETITION TO THE U.S. DEPARTMENT OF ENERGY	66
9. AMENDED INTEGRATED RESOURCE PLAN (IRP) GUIDELINES	69
10. CITY OF RIO VISTA	76

I N D E X (Cont.)

11. Minutes	78
12. Lead Commissioner or Presiding Member Reports	78
13. Chief Counsel's Report	87
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:	
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>Energy Commission v. Electricore, Inc. and ZeroTruck (Sacramento County Superior Court #34-2016-00204586)</i>	
iv. <i>Energy Commission v. United States Department of Energy (Federal District Court, Northern District of California, #17-cv-03404)</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>Energy Commission v. City of San Jose, JUM Global, L.L.C. (Sacramento Superior Court, Case No. 34-2018-00230652).</i>	

I N D E X (Cont.)

13. Chief Counsel's Report (Cont.)	87
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, which might include:	
i. The licensing process for a nuclear waste storage repository at Yucca Mountain, Nevada.	
14. Executive Director's Report	87
15. Public Adviser's Report	87
16. Public Comment	--
Adjournment	92
Reporter's Certificate	93
Transcriber's Certificate	93

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P R O C E E D I N G S

AUGUST 1, 2018 10:07 a.m.

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

(Whereupon the Pledge is recited)

COMMISSIONER MCALLISTER: This is Commissioner McAllister. I'm going to recues myself from Item 1a, since I am the Board representative for the Collaborative for High Performance Schools, so I will step out.

CHAIRMAN WEISENMILLER: Great.

(Commissioner McAllister recused himself from the room.)

COMMISSIONER DOUGLAS: Okay. I'll move Item 1a.

COMMISSIONER HOCHSCHILD: Second.

CHAIRMAN WEISENMILLER: All those in favor?

(Ayes.)

CHAIRMAN WEISENMILLER: 1a passes 4-0 with one Commissioner recusing themselves.

Let's go on to Item 2.

MS. WEEKS: Good morning, Chair and Commissioners. My name is Terra Weeks. I am an Advisor to Commissioner David Hochschild, who is the Lead Commissioner on the 2018 Integrated Energy Policy Report update or IEPR Update. And this is Baily Wobschall, our Art Director here



1 at the CEC.

2 And we are excited to present for adoption the  
3 2018 IEPR Update Volume I entitled "Toward a Clean Energy  
4 Future." This is what the report looks like, also shown on  
5 the screen. And this year, we split the IEPR Update into  
6 two volumes. So Volume I is a high-level retrospective  
7 overview of California's leadership in clean energy policy.  
8 It is graphic extensive and intended to reach a broader  
9 audience than the traditional IEPR format.

10 Pending adoption today the report will released  
11 ahead of the Global Climate Action Summit in September, and  
12 serve as a tool kit to highlight California's clean energy  
13 accomplishments for audiences both within the state and  
14 from jurisdictions around the world.

15 Volume II will include more detailed analysis on  
16 several key energy issues and is scheduled to be adopted in  
17 February 2019.

18 So Volume I is a 23-page booklet, broken up into  
19 two-page spreads that cover all the topics shown here  
20 including renewable energy, energy efficiency, clean  
21 transportation and energy equity, among others.

22 It also highlights key policy accomplishments  
23 spanning the last two administrations under Governor Brown  
24 and Governor Schwarzenegger. These include the state's  
25 ambitious greenhouse gas emission reduction targets, the

1 renewable portfolio standards and the recently adopted  
2 Building Standards that will require solar on new homes  
3 starting in 2020.

4           So here is an example of one of the spreads from  
5 the report and apologies for the fine print, but for a  
6 closer look please download the report from the Energy  
7 Commission website. And this page really helps exemplify  
8 the basis for this project. As California has pioneered  
9 clean energy efforts it has grown to be the world's fifth  
10 largest economy and as you can see on the graphic on the  
11 left, consistently outpaced the national GDP growth rate.

12           The right side of the spread also shows that  
13 California has successfully decoupled both GDP and  
14 population growth from emissions. Since 2000, as  
15 population and GDP have increased, our total statewide  
16 emissions have decreased by 9 percent. And as we approach  
17 the Global Climate Action Summit in September other states  
18 and other countries will be looking to California as a key  
19 model, demonstrating that clean energy does not come at the  
20 expense of a thriving economy.

21           So there are two small changes that I want to  
22 highlight. And we have provided these changes to you in  
23 writing and have hard copies available at the entrance to  
24 the hearing room. So the first one, California ISO  
25 published their Second Quarter Western EIM Benefits Report

1 yesterday. And so we are going to update numbers in the  
2 geographic diversity section, accordingly.

3           So the original language for that section was,  
4 "By optimizing energy resources the EIM has generated more  
5 than 330 million in cost savings for participants and  
6 displaced 250,000 metric tons of CO2 emissions since 2014."  
7 This will be changed to, "By optimizing energy resources  
8 the EIM has generated more than \$400 million in gross  
9 benefits for participants and displaced 300,000 metric tons  
10 of CO2 emissions from 2014 through the second quarter of  
11 2018."

12           And the second change is the number of  
13 jurisdictions under the Under2 Coalition has increased from  
14 205 to 206.

15           And now, I will turn it over to Bailey to provide  
16 some highlights from the report.

17           MR. WOBSCHALL: Thank you, Terra.

18           For this project our main aim was to think  
19 through, visualize and break down some complex topics to  
20 reach a younger, more general audience. Our main focus was  
21 to create compelling visuals. Here's just a couple of  
22 examples from the report.

23           Here, you can see a spread on energy efficiency  
24 showing that California's per capita energy consumption  
25 falls to roughly half of the U.S. average and that also

1 California electricity bills are lower than the U.S.  
2 average.

3 Here's our clean energy innovation spread where  
4 we showcase the many sectors that our extensive research  
5 and development projects address. What we wanted to show  
6 here was that our work isn't strictly in electricity, that  
7 our work does feed into many facets of our community.

8 And lastly, here's our spread on partnerships  
9 across the state. We really wanted to show we have  
10 accomplished so much and we can accomplish so much, but we  
11 can't do it alone. And we really depend on our  
12 partnerships across the state and beyond.

13 So thank you. And on behalf of the Energy  
14 Commission staff we would like to recommend the IEPR Update  
15 Volume I and it's changes for adoption. And we look  
16 forward to your comments.

17 CHAIRMAN WEISENMILLER: Great. Thank you.

18 First, are there any public comments from anyone  
19 in the room? Please identify yourself and come up.

20 MR. KOLODJI: Hello. My name is Brian Kolodji.  
21 I'm with the California Engineering Services Company. And  
22 I'm impressed with the report. I picked it up this  
23 morning.

24 It focuses on renewable energy and there's other  
25 methods, but I propose there be some consideration for

1 utilizing the carbon to enrich growth of crops. This is a  
2 technology that's been proven for 100 years and it's not  
3 being mentioned at all and it can actually remove all four  
4 gigatons of CO2, that are produced every year that need to  
5 be removed to reverse global warming.

6           It's a concept that -- the CO2 producers today,  
7 they manufacture about 100,000 tons only of pure CO2 and  
8 pipeline it to sources or truck it to sources. And it's at  
9 a cost of about \$200 to \$300 per ton. The technology that  
10 is actually out there also can take flue gas right off the  
11 stacks of power plants and other flue gas sources and feed  
12 it directly to crops after it's been conditioned. And this  
13 will cost less than \$10 a ton of CO2 and actually makes a  
14 profit for the growers, because of increased yield and  
15 increased biomass.

16           CHAIRMAN WEISENMILLER: Thank you.

17           MR. KOLODJI: So there's no mention of that in  
18 this report.

19           CHAIRMAN WEISENMILLER: No. I would suggest the  
20 ARB is looking at natural lands and essentially how to make  
21 that more of a way to absorb CO2. And that's certainly  
22 something, which -- not to do with some other agency, but  
23 the answer is some other agency is really on point on this.  
24 So thank you.

25           MR. KOLODJI: Yeah. Well, the CARB organization

1 as well as the California Department of Food and  
2 Agriculture. In fact I presented at the Environmental  
3 Farming Initiative Scientific Advisory Panel on this  
4 technology and the low cost of the technology --

5 CHAIRMAN WEISENMILLER: Yeah, well that's good.  
6 That's good. Go continue to work with them.

7 MR. KOLODJI: Yes, but I'm also asking for help  
8 from the California Energy Commission because power plants  
9 and industrial providers --

10 CHAIRMAN WEISENMILLER: Thank you, your time --  
11 thank you.

12 Any other public comment? Anyone on the phone?

13 (No audible response.)

14 CHAIRMAN WEISENMILLER: Okay. Commissioners?

15 COMMISSIONER HOCHSCHILD: Thank you, Mr.  
16 Chairman. I wanted to make a few acknowledgements, first  
17 and foremost to my friend and colleague Commissioner  
18 Douglas whose idea really was the vision for this when we  
19 were starting, when the goal was to do something more  
20 compressed and readable with a lot of visuals that would be  
21 inspiring to a global audience. And it's obviously not  
22 possible to put all of our climate activities in 23 pages,  
23 but we're trying to get some of the most compelling  
24 elements. And Commissioner Douglas shared a document she  
25 had produced during her tenure at EDF on the Salton Sea

1 with these very colorful spreads. And that was really the  
2 template of what you see today. And I want to thank her  
3 for encouraging us in this direction.

4 I really want to thank Heather Raitt, in  
5 particular, for keeping the trains running on time. And  
6 then Terra just did a magnificent job just refining and  
7 going through it again and again and again and getting  
8 feedback from multiple stakeholders on this, and Bailey as  
9 well.

10 I just think for me we have got to make all of  
11 our documents more appealing to a broad audience. And in  
12 this day and age attention spans are shorter and we have  
13 got to get better at communicating important information in  
14 ways that are going to get across. And you've really done  
15 that. I'm just really, really proud of this document, both  
16 of you. So thank you so much and I'm open to other  
17 comments as well.

18 COMMISSIONER DOUGLAS: You know I'll just speak  
19 up and say I may have gotten a little too much credit on  
20 this one. David really took this on and said, "You know, I  
21 want to do something different and I want to do something  
22 that is high level, readable and a document that first and  
23 foremost communicates in a different way than past IEPRs."  
24 And of course that means that there's a lot of nuance and a  
25 lot of detail and we usually dive into the rabbit holes.

14

1 And this was different. This was panning out and looking  
2 at the forest and conveying it in a way that communicates a  
3 lot of information much more easily and much more readily.

4 And so I did have a couple of models for him to  
5 look at, because I've faced that challenge in a past life  
6 and in other endeavors. And it is a perennial challenge  
7 that will always be with us, because we are very analytical  
8 and it's our job and it's our work to get into the weeds.  
9 And we take some measure of delight in it most of the time  
10 and we are very good at it. And yet that is not going to  
11 reach a lot of people in today's environmental. It'll  
12 reach some and it's good that it does, but I think there  
13 are multiple ways of communicating.

14 And I'm impressed too at the way that we were  
15 able to do this in-house and produce a document that really  
16 looks nice. So thanks to everyone who worked on this as  
17 well.

18 COMMISSIONER MCALLISTER: So I echo all those  
19 comments, and also the comment about the rabbit holes. And  
20 I'm the economist member here on the Commission, so  
21 probably maybe most guilty of that. I'm not sure. So  
22 there's probably good competition for that title.

23 (Laughter.)

24 But I agree communication is the key and we have  
25 great jobs because we get to get out there and communicate.



1 And I think all of us certainly speaking from my own  
2 personal experience practice makes better, maybe not  
3 perfect, but practice actually makes you better at this.  
4 But having it sort of documented and printed and official,  
5 and sort of not just PowerPoints posted on the Web, but  
6 actually have something that can go out there and go viral,  
7 is valuable.

8           And I wanted to just acknowledge the multiple  
9 rounds of feedback, because when you distill complex  
10 topics, you really have to be careful to both get right the  
11 substance. But also communicate and not sort of reduce the  
12 message so much that you end up with kind of a different  
13 message. And so I think the level of the graphics and the  
14 kind of level of the text actually accomplishes that. And  
15 so I think we'll get a lot of use out of this.

16           I've done two IEPRs and this never occurred to me  
17 to do. So there's strength in diversity and there's  
18 strength in bringing of our individual creativities to  
19 this. So it certainly, I think expresses well or reflects  
20 well Commissioner Hochschild's kind of communication  
21 skills. And just kind of an understanding of how to get  
22 big messages out there, so I appreciate that.

23           COMMISSIONER SCOTT: Yeah, and I'll echo mostly  
24 what you've heard already. And just kind of pile on the  
25 idea of taking some of these really complex concepts and

1 putting them into digestible bite-sized pieces, I think is  
2 really great.

3 And there's a lot to talk about. I mean the  
4 overview over the last ten years or so, the state has  
5 accomplished a lot. And so to be able to kind of put that  
6 in a series of understandable graphics and tell the story I  
7 think is really great. So thank you to you for your  
8 leadership on that and to the team who worked so diligently  
9 to put it together.

10 CHAIRMAN WEISENMILLER: Yeah, no thanks. I mean,  
11 obviously they say what, one picture's worth 1,000 words,  
12 so you have a very long document here. (Laughter.)

13 COMMISSIONER HOCHSCHILD: Well, my next request  
14 before we vote on it is once it's approved, please  
15 circulate it and let's get this out as broadly and widely  
16 as you can.

17 I also want to thank the media team who's now  
18 preparing a three-minute IEPR video, which we'll also share  
19 when that's completed, which we hope will go viral as well.  
20 It'll be completed by the time of the Climate Summit, so  
21 with that I'd move the item.

22 COMMISSIONER DOUGLAS: Yeah. I'll second and  
23 I'll say an IEPR video had never occurred to me either, so  
24 well done.

25 CHAIRMAN WEISENMILLER: All those in favor?

1 (Ayes.)

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

4 I'm looking at Cody, so we've had some issues on  
5 audio, although apparently it's not our side. What's, come  
6 on up Alana. If you have an announcement why don't you  
7 make that?

8 MS. MATHEWS: I'll defer actually to Cody.

9 CHAIRMAN WEISENMILLER: Okay. Microphone,  
10 please?

11 MR. GOLDTHRITE: So I guess it's cutting in and  
12 out when people are calling in, but right now it's fine.  
13 It's going in and out, but right now it's fine. In five  
14 minutes it could be out, but right now we're good.

15 CHAIRMAN WEISENMILLER: Good, keep working on it.  
16 So let's go to Item 3.

17 COMMISSIONER MCALLISTER: Wait, wasn't he  
18 supposed to identify himself, so he can transcribe that?

19 CHAIRMAN WEISENMILLER: No. I thought he was  
20 going to point out that the PUC regulates  
21 telecommunications, but any way (Laughter.)

22 MR. BUCANEG: Good morning, Commissioners. My  
23 name is Haile Bucaneg and I will be providing an update on  
24 the Proposition 39 K-12 Program. This is the largest grant  
25 program that the Energy Commission has been involved with

18

1 to date.

2           And while it is tempting to jump straight into  
3 the benefits seen in the program by applicants such as the  
4 \$1.5 billion in energy projects identified and \$105 million  
5 in annual estimated energy cost savings, it is also  
6 important to recognize the large amount of work done by  
7 Energy Commission staff in creating and deploying this  
8 program.

9           As such, I will first touch upon development of  
10 the program and implementation of the program before  
11 expanding on the program accomplishments. I'll wrap up by  
12 talking about continuing program activities and finally  
13 touching upon some future programs that we'll be rolling  
14 out, spinning off of this Proposition 39 K-12 Program.

15           So this program came about as a result of the  
16 Proposition 39 Clean Energy Jobs Act and enabling  
17 legislative language in Senate Bill 73. In addition to  
18 this legislation, there was also a lot of public input that  
19 was incorporated into this program. And this was done just  
20 to make the program as accessible as possible while still  
21 meeting all legislative requirements.

22           The Efficiency Division's Local Assistance and  
23 Financing Office was tasked with developing the Proposition  
24 39 K-12 Program very quickly. And this short development  
25 cycle did pose some challenges for our project managers and

1 our student hotline. And that was just because where  
2 project managers and students had to learn the program and  
3 then relearn certain aspects of the program as the program  
4 changed in development.

5 But our program managers did become experts in  
6 the program requirements and experts in our application  
7 tools and review tools. And speaking of these tools, they  
8 were completely developed in-house by our Energy  
9 Commission's Information Technology Services branch. And  
10 our IT team did face many of these same challenges as our  
11 project manager is having to develop these tools around a  
12 program that was still being created.

13 While all of this is going on internally, the  
14 Energy Commission had to coordinate with the California  
15 Department of Education who was tasked with holding the  
16 funds and releasing grant funds.

17 So how short of a development period did we have?  
18 Well, the original Proposition 39 Clean Energy Jobs Act was  
19 passed in November of 2012, but it wasn't until Senate Bill  
20 73 was passed in June 2013 that the Energy Commission's  
21 role in the program was identified. So beginning in June  
22 2013 our program team did create very quickly a set of  
23 draft guidelines and hold public workshops to gain public  
24 input for the program.

25 By December 2013 the program, Proposition 39 K-12

1 Program Guidelines were adopted by the Energy Commission.  
2 And by January 2014 just six months after Senate Bill 73  
3 was passed, the application process for the program was  
4 released to the public and LEAs were allowed to -- and  
5 applicants were allowed to apply to this program.

6 The Proposition 39 K-12 Program was allocated  
7 \$1.7 billion over the course of five years. And these  
8 grant funds were for energy projects to reduce energy usage  
9 and energy costs throughout California.

10 These funds were made available to Local  
11 Educational Agencies or LEAs, and there are about 2,200  
12 LEAs throughout California. And these consist of public  
13 school districts, charter schools, county offices of  
14 education and state special schools.

15 LEAs were allowed to use the Expenditure Plan  
16 Online System as a one-stop shop for applying to the  
17 program. LEAs were able to fill and submit their  
18 application through this online system and all reporting  
19 through this online system as well. And the expenditure  
20 plan online system is one of two major systems developed by  
21 our IT teams to support the Proposition 39 K-12 Program.

22 The second major system created by our IT team to  
23 support the program was the Proposition 39 Energy  
24 Expenditure Plan System. And this was an internal review  
25 tool that was used by our project managers to review

1 applications and reports submitted by LEAs. Additionally,  
2 this tool is used to consolidate information on the program  
3 for annual reports to the Citizens Oversight Board and to  
4 report approval information to the California Department of  
5 Education, who would then release grant funds to these  
6 LEAs.

7           So as I mentioned, applications began in January  
8 2014, and LEAs were allowed to continue submitting  
9 applications through February of 2018. Our project  
10 managers continued to work with LEAs to approve  
11 applications through June 30th of 2018, and a final list of  
12 approved applications were provided to the California  
13 Department of Education last month, in July.

14           So during this application period a large number  
15 of LEAs did take advantage of this program. At this time,  
16 the majority of LEAs are still in the process of installing  
17 energy projects, but we do have a few LEAs that have  
18 completed installation already.

19           Overall, 80 percent of eligible LEAs took  
20 advantage of the Proposition 39 K-12 Program. This  
21 includes 98 percent of public school districts, 98 percent  
22 of county offices of education, and 100 percent of state  
23 special schools and 65 percent of charter schools.

24           We did notice that larger school districts did  
25 tend to participate at higher rates. For example, 99

1 percent of LEAs that had an average daily attendance of  
2 2,000 or more applied for this program.

3 To make sure that as many LEAs as possible  
4 participated in this program, our project managers did hold  
5 quite a few outreach and training sessions for small --  
6 they were targeted mainly towards smaller LEAs, but all LEA  
7 sizes were allowed to participate. But these outreach  
8 sessions were very helpful -- or I believe that they were  
9 helpful as even our smallest LEAs with average daily  
10 attendance of 100 students or less had participation rates  
11 of about 70 percent.

12 So LEAs were allowed to include a variety of  
13 energy measures in their proposed projects. This included  
14 common energy measures such as lighting systems, HVAC and  
15 photovoltaic solar projects. But in addition to these  
16 common measures, LEAs were also eligible to fund less  
17 common measures such as building envelope and plug load  
18 measures.

19 Based on program applications, the most common  
20 energy measure identified was for lighting. And this was  
21 kind of anticipated, because lighting measures most easily  
22 met the program requirements such as savings to investment  
23 ratios. LEAs took advantage of this by combining lighting  
24 measures with other types of energy efficiency measures to  
25 make sure that the overall energy project met these



1 requirements.

2 All in all, about \$1.5 billion -- again, I'm just  
3 kind of emphasizing that because it is a lot of money, but  
4 \$1.5 billion in energy projects were identified. And these  
5 projects are expected to have a large effect on energy  
6 usage of LEAs throughout California. As these projects are  
7 installed and when these all go in, it is expected that  
8 electric usage would decrease by 520 gigawatt hours of  
9 electricity annually and natural gas usage would decrease  
10 by 2 million therms. This corresponds with an estimate  
11 annual energy cost savings of \$105 million for these LEAs.

12 And although the application period is now  
13 completed, there is still quite a bit of work to go on this  
14 program. And this mainly has to do with program reporting  
15 requirements. LEAs are required to encumber grant funds by  
16 June of 2019 and complete installation of these projects by  
17 June of 2020. This means that LEAs will be providing  
18 annual progress reports and final reports through 2021.  
19 Energy Commission staff will continue to consolidate this  
20 reported information for annual reporting to the Citizens  
21 Oversight Board.

22 And in addition to these reports, Energy  
23 Commission staff will be working with LEAs to amend any  
24 applications if during the implementation phase there are  
25 any changes to these projects.

1           And finally last year Senate Bill 110 was passed  
2 to identify three new programs to take advantage of any  
3 remaining Proposition 39 K-12 grant funds. This includes a  
4 school bus replacement program, a competitive loan program  
5 and a new competitive grant program.

6           Of the \$1.7 billion that was allocated to the K-  
7 12 Program, the California Department of Education  
8 estimates remaining funds of \$117 million. So this \$117  
9 million will fund \$75 million for the school bus  
10 replacement program and approximately \$42 million for the  
11 competitive loan program. And unfortunately, because we  
12 were so successful in getting grant funds out to the LEAs  
13 there is not enough remaining funds to fund a new  
14 competitive grant program at this time.

15           So the Energy Commission was tasked with creating  
16 a large program and launching it in a short amount of time  
17 and I believe that our program team was successful in this  
18 launching the Proposition 39 K-12 Program just six months  
19 after passage of enabling legislation. And additionally,  
20 \$1.5 billion in energy projects were identified and are  
21 expected to save LEAs about \$105 million annually. And I  
22 did just want to once again acknowledge the work of our  
23 staff, our project managers, our students on our hotline  
24 and our IT team whose hard work made this program so  
25 successful.

1                   CHAIRMAN WEISENMILLER: Thank you.

2                   Is there any public comment from anyone in the  
3 room? Anyone on the line?

4                   (No audible response.)

5                   CHAIRMAN WEISENMILLER: I will assume the answer  
6 is no to that, but let's go on to Item 4. Thank you.

7 (Applause.)

8                   COMMISSIONER MCALLISTER: I will join in and  
9 comment in applause there too. Just to add on a little  
10 bit, thanks for the very comprehensive presentation, Haile.

11                   I wanted to just ensure that a number of people  
12 get acknowledged for their work on this program and first  
13 just make one point. We are very intentionally at the  
14 Energy Commission, developing a skillset in program design  
15 and administration. And it maybe isn't obvious, but we've  
16 had a number of programs that we have developed that as  
17 part of our brand. You know, NSHP is certainly one of  
18 them, the long-term ECCA Program, the Prop 39, which is as  
19 far as we know in monetary terms it's the largest program  
20 the Energy Commission has ever implemented.

21                   And I think where the success that you just heard  
22 about is really part of burnishing our brand, so that the  
23 Legislature and others know that when there's something big  
24 to be done they can entrust the Energy Commission with part  
25 of that effort.

1           And it takes resources and certainly we need  
2 those from the Governor and the Legislature to do these big  
3 programs, but above all need skills and knowledge. And it  
4 is a specific skillset to do these programs to actually  
5 design, run, receive applications, evaluate -- there's a  
6 very specific skill set that's associated with that. But I  
7 think we're clearly one of the leading agencies if not the  
8 leading agency for running these kinds of programs,  
9 certainly in the energy sector. So I wanted to just point  
10 that out.

11           And then also thanks to Haile for the  
12 presentation. And over the years, the program has had a  
13 number of program managers, so Marsha Smith at the  
14 beginning of it, remember? She sort of helped to kick the  
15 whole thing off and then retired. And Liz Shirakh and  
16 Elise Brown and I guess those are the kind of leaders of  
17 this effort in a very practical way.

18           I also wanted to acknowledge Jim Bartridge and  
19 Jack Bastida for running the Citizens Oversight Board and  
20 just making sure that that functions well.

21           And finally, well and IT as well, Haile mentioned  
22 them, but they've done an incredible job of streamlining  
23 the application procedures for that. And we have a lot of  
24 work left to do, to manage and monitor what's going on and  
25 take in the reports from the schools and really understand

1 what the impact of the program was in practice.  
2 We're getting a lot of data from the schools. And so that  
3 work will continue. And I think we'll learn a lot from it  
4 going forward.

5 So the applications are all in and processed. But the  
6 actual work in the world, which is what we're trying to  
7 achieve, is very much ongoing.

8           And then finally Kate Gordon I wanted to  
9 acknowledge the lead -- she was a sort of mover and shaker  
10 on the proposition itself. And then shaping the program  
11 kind of along the way in the political realm and then was  
12 chosen to lead the Citizens Oversight Board and still does.  
13 So I think that her effort there and just expertise has  
14 been really key as well, so bringing a critical eye to all  
15 of this.

16           Yeah, and not just Kate, but also all the Board  
17 Members, I'm not going to name them all off, but it's been  
18 a diverse group. And I think the agencies have appointed  
19 really good people all along the way, so it's been great.

20           COMMISSIONER SCOTT: (Indiscernible.)

21           COMMISSIONER MCALLISTER: Yeah, for sure.

22           COMMISSIONER SCOTT: I'd love to chime in briefly  
23 also. Thank you so much for bringing this great  
24 presentation to the Energy Commission so we can kind of see  
25 -- to the Business Meeting, so we can see what's going on

1 and see the wrap-up. I appreciate that and all of the  
2 amazing work that the team has done in really successfully  
3 implementing Prop 39.

4 I just want to say as the Public Member on the  
5 Commission, the outreach and the education sessions that  
6 you did, having the student hotline 24 hours a day  
7 basically seven days a week, so that people could call in  
8 and really make this accessible for every LEA, every school  
9 that wanted to be part of the program, just make it as easy  
10 and streamlined for them as we can. That's a lot of work  
11 to put that together and I appreciate the work that  
12 happened there.

13 My understanding is also that we, staff  
14 personally called every LEA in the state to make sure that  
15 they knew about the program. I mean we just -- the team  
16 did some incredible really impressive work and I appreciate  
17 the can-do attitude. I want to kind of underscore what you  
18 said about the Energy Commission really being well-  
19 positioned to take on big initiatives. And it's because of  
20 great people like you and the Prop 39 team to make that  
21 happen. So thank you very much.

22 COMMISSIONER HOCHSCHILD: Yeah, I second all  
23 that. And Commissioner McAllister did it with the New  
24 Solar Homes Program, he's running that, got that running  
25 for Pasadena (indiscernible) and with this as well. I

1 agree, this is something we've shown we do well and I hope  
2 it's an authority and responsibility we can continue to  
3 grow here.

4           The only closing thought I have is I just think  
5 we should be looking for occasions to commemorate  
6 accomplishments of the program as we get each next billion  
7 dollars out the door or something. That needs to be  
8 celebrated, because it's the biggest program of its kind in  
9 the country. So thank you.

10           COMMISSIONER MCALLISTER: Yeah, the participation  
11 rates, there was the low number there that sort of skewed  
12 the overall sort of LEA participate rate was the charters.  
13 And there's a story behind that where the charters really  
14 did -- there were structural issues with their  
15 participation. And if you look at it on a monetary basis,  
16 I mean it's just top 90 percent participation. So really  
17 the participation was comprehensive throughout the state.  
18 And as Commissioner Scott said that's almost unheard of,  
19 really. And so yeah, just kudos to staff for all that they  
20 managed to get done.

21           COMMISSIONER HOCHSCHILD: Do we need to move the  
22 item?

23           CHAIRMAN WEISENMILLER: No, this is  
24 informational.

25           I'm assuming we had no call-in, comment on this?

1 Okay.

2 So let's go onto Item 4. Thank you.

3 MS. YERRAPOTU: Good morning, Commissioners. My  
4 name is Amulya Yerrapotu. I'm a Summer Fellow in the  
5 Chair's Office, through the Stanford Energy Internships in  
6 California Program. I'm here today to present an  
7 informational item regarding the Energy Commission Project  
8 Map. This project, like the recently launched Energy  
9 Equity Indicators, uses GIF mapping to display energy-  
10 related information across California.

11 The Energy Commission Project Map will be an  
12 interactive map that tracks the location of projects funded  
13 or supported by the Energy Commission, overlaid with the  
14 locations of disadvantaged communities, low-income  
15 communities and legislative districts.

16 The purpose of this project is to provide a tool  
17 to help elected officials, other government agencies,  
18 community-based organizations and the general public,  
19 visualize and understand the location of projects funded or  
20 supported by the Energy Commission.

21 In this presentation I'll walk through the data  
22 included in the map and demonstrate its functions, using  
23 screenshots from an initial concept map.

24 But first, let's start with the data we plan to  
25 include in the map, which is essentially all projects



1 funded or supported through currently active Energy  
2 Commission programs, as well as power plants permitted by  
3 the Energy Commission with the intent of eventually  
4 expanding to all power plants. These two slides list all  
5 the data sources we plan to include in the map. Some of  
6 the projects include the California Clean Energy Jobs Act  
7 or Prop 39's K-12 Grant Program as we just learned about,  
8 the Alternative Renewable Fuel and Vehicle Technology  
9 Program or ARFVTP and many more.

10 Below each program, you can see the list of  
11 related data we plan to include as well. For example, for  
12 the Local Government Challenges Grant we intend to also  
13 share grant recipients' address, project summary and grant  
14 amount. As you can see, different programs will report  
15 slightly different data. For example, ARFVTP projects  
16 won't have megawatts generated data like the New Solar  
17 Homes Project might.

18 In the case of programs where information  
19 regarding location or recipient is confidential, data will  
20 be anonymized and aggregated to higher level.

21 So next, let's go into more depth on what this  
22 map can actually do. Some features we wanted to highlight  
23 include layer selection, which allows the user to control  
24 which data sets are displayed on the map; location search,  
25 which allows users to look up particular locations; the

1 screening report, which allows users to download  
2 information from the map and the chart function and  
3 dashboard, which allows users to understand data at a  
4 glance.

5           Here is a demonstration map itself. The user can  
6 zoom in and out and drag the map around to view any  
7 location. The sidebar contains the rest of the features of  
8 the map including the legend, layer list, screening report  
9 and charts. Clicking the icons at the top of the side bar  
10 bring up each of these features.

11           So let's start with the legend, which displays  
12 the symbols associated with each of the currently visible  
13 data sets. As you can see each color corresponds with the  
14 type of Energy Commission supported project. Red is power  
15 plants. Orange is ARFVTP and so on. Furthermore, the map  
16 also uses brown lines to display county boundaries, a  
17 transparent orange layer to indicate disadvantaged  
18 communities and a transparent green layer to indicate low-  
19 income census tracts.

20           When two transparent layers overlap, the  
21 resulting color on the map is a combination of both.  
22 That's where you get that olive green color that you see  
23 near the Central Valley that the black arrow is pointing  
24 to. That location is both a disadvantaged community and a  
25 low-income census tract.

1           There is also the option of adding or removing  
2 layers to the map using the layer list, which is the second  
3 icon at the top of the widget bar. Clicking the boxes in  
4 the widget allow the user to choose which programs and  
5 boundaries are displayed in the map. Here, everything is  
6 turned off except for ARFVTP, low-income communities and  
7 disadvantaged communities, allowing the user to focus in on  
8 the specific program.

9           The layer list function allows the user to  
10 examine in greater depth specific relationships between  
11 individual points and the characteristics of communities.  
12 For example, leaving on layers regarded disadvantaged  
13 communities and ARFVTP could allow users to identify areas  
14 that might potentially benefit from increased participation  
15 in the program.

16           The map also contains two legislative district  
17 layers: one for Senate districts and one for Assembly  
18 districts. Right now, the map is showing the Senate  
19 District overlay, which shows all Senate districts color  
20 coded by the party affiliation of each Senator.

21           You can also search for particular locations on  
22 the map including a specific address like the Energy  
23 Commission, a particular project like say a local school  
24 that received Prop 39 funding, or a boundary like Santa  
25 Clara County or your local legislative district.

1           Let's take a look at Senate District 6 right here  
2 in Sacramento for an example. Clicking on a particular  
3 point on the map brings up a popup window that displays  
4 more details about the project. So if I click on an ARFVTP  
5 Project the popup shows me information related to that  
6 project, like the recipient, title, amount and so on.

7           However, you'll notice that there's more than  
8 just an ARFVTP project present at that point. Clicking on  
9 the arrows in the top right corner of the popup lets me  
10 cycle through all the data associated with the location.  
11 The number in the top left corner indicates how many other  
12 data points are present.

13           As you can see, moving to a different data layer  
14 allows you to view more details about that layer. This  
15 feature provides context about the location of a project  
16 including the presence of other projects in the immediate  
17 area.

18           So next let's go over the Screening Report. This  
19 feature allows the user to pull data from the map to use in  
20 their own analysis. The user defines a location. They can  
21 pick a preexisting boundary, like a county or a legislative  
22 district, or a particular location, an address or a  
23 specific project and a radius.

24           For example, if you wanted to get an  
25 understanding of the Energy Commission's presence in your

1 local community, you could search up your home address with  
2 a five-mile radius to find all the projects close to where  
3 you live. Clicking the report button pulls up a page that  
4 displays all the projects within the chosen location, in  
5 this case District 6.

6 Next, using the downloader print icons allow the  
7 user to export data as a CS feed file or a screening  
8 report, respectively. In either case, the information can  
9 be used by individuals or organizations looking to perform  
10 their own analysis specific to particular locations.

11 Essentially the Screening Report ensures that all data in  
12 the map is public and easily downloadable. Interested  
13 parties don't have to sift through huge data sets and can  
14 choose to download what is specifically of interest to  
15 their needs.

16 Next, let's go over the chart function. This  
17 tool allows the user to view charts already created by  
18 Energy Commission staff. Essentially, the chart function  
19 serves as a vehicle through which the Energy Commission can  
20 present and highlight analysis we feel is particularly  
21 important.

22 Listed right now are a few demonstration charts I  
23 created to show what charts in a final map could look like.  
24 Users can chose to limit the data contained within the  
25 chart to whatever is currently displayed on the map. So

1 right now, we're zoomed in on Sacramento. Using the  
2 spatial filter to limit features would show us the  
3 distribution of ARFVTP project types in Sacramento only.

4           You can expand the chart to fill the screen and  
5 see it more easily. This chart shows the distribution of  
6 the number of ARFVTP projects by project type. As you can  
7 see, electric vehicle charging infrastructure accounts for  
8 a clear majority of ARFVTP projects funded in the  
9 Sacramento area, represented by the large gray slice of the  
10 pie chart. If we were to change the location of the map or  
11 zoom out to see all of California, this distribution would  
12 look different. In this way you can see how different  
13 areas of California differ in regards to the kinds of  
14 projects present. Moving forward, we plan on working to  
15 expand the charts offered and think more on how to display  
16 information that stakeholders are interested in viewing.

17           Finally, the map will be accompanied by an  
18 associated dashboard, which provides some higher level  
19 information about Energy Commission projects across the  
20 state. The dashboard displayed on screen is a proof of  
21 concept demonstration I created to visualize what the final  
22 product could look like. This particular dashboard, when  
23 complete, will show the sum of money spent on various  
24 programs. It also displays pie charts depicting the  
25 portion of projects by count that are in disadvantaged

1 communities, low-income communities, both or neither  
2 represented by orange, green, yellow and blue,  
3 respectively.

4           A feature like this would be of use to someone  
5 who is more unfamiliar with the Energy Commission and wants  
6 to get a better understanding of the scope of our work.  
7 The dashboard provides aggregated at-a-glance information  
8 and can convey information without overwhelming the user.

9           In terms of next steps, we're currently working  
10 on updating the data included in the map in a phased  
11 approach. You'll notice that the demonstration map  
12 includes just five data sets on Energy Commission projects.  
13 The first phase will center around updating these five data  
14 sets with recent projects and expanding beyond those data  
15 sets by adding information on programs like natural gas  
16 research that aren't currently included in the map. The  
17 second phase will comprise of adding information to  
18 existing data sets. For example, jobs information on power  
19 plants.

20           Finally, we're working with the Public Adviser's  
21 Office to incorporate information on Energy Commission  
22 outreach into the map to give interested parties a way to  
23 see the communities the Energy Commission is present in and  
24 has reached out to. We hope to have a map containing the  
25 first phase of data updates go live by the end of August.

1 After getting the map up and running data and the map will  
2 be updated quarterly, adding new projects and updating  
3 project status as projects are completed.

4 I want to take a moment to give a special thank  
5 you to the representatives from each division that have  
6 been working to compile all this data, as well as to Travis  
7 David from the Cartography Unit for putting this map  
8 together. I also want to thank Chair Weisenmiller for  
9 giving us the opportunity to go forward with this project.  
10 It would not be possible without him.

11 Overall, we believe that the Energy Commission  
12 Project Map will serve as a helpful tool in communicating  
13 the work of the Commission to interested parties and  
14 helping Californians better understand what we do and where  
15 we do it.

16 Thank you so much for your time and attention in  
17 learning about this ongoing staff effort. I look forward  
18 to answering any questions.

19 CHAIRMAN WEISENMILLER: Thank you.

20 First, any comments from anyone in the room?  
21 Anyone on the line?

22 (No audible response.)

23 CHAIRMAN WEISENMILLER: So again, let's sort of  
24 transition to the Commissioners.

25 Amulya, we really want to thank you for your



1 energy and creativity. You know I think Kevin for years  
2 now has been trying to really organize the information on  
3 what the Energy Commission does and this really is taking  
4 it to a greater level of sophistication.

5 I'll take the opportunity also at this point to  
6 introduce Matt Alexander who's my other Stanford intern.  
7 There just at I think at this point we've all had that.

8 So again, I think it's really important to again  
9 all of us are struggling with how to convey information. I  
10 mean, I think we talked about that first in the IEPR. I  
11 think this is another example of how we can use the data  
12 tools and GIS to really get information out.

13 So any comments from anyone else?

14 COMMISSIONER SCOTT: Well, I'll just echo that  
15 it's really exciting to have this information presented in  
16 this way. We've had an ARFVTP map for a little while and  
17 it's great to kind of have all of the projects that the  
18 Energy Commission is working on. And I love the  
19 legislative layers and the fact that it will be really easy  
20 for people to be able to click on it and focus in on what  
21 portion of what they're looking for, so thanks for putting  
22 this together. It's a great project.

23 COMMISSIONER DOUGLAS: Yeah. I'll just agree.  
24 And I do think the parallel to the discussion this morning  
25 is exactly right. This information empowers people to go

1 in themselves and look at what we've done and ask questions  
2 and go through the data and begin to answer them. And I  
3 think it's valuable for us. And I think it's a real  
4 service to people in California to have this tool  
5 available. So thanks for your work on it.

6 COMMISSIONER HOCHSCHILD: I'm sorry, what year  
7 are you at Stanford?

8 MS. YERRAPOTU: I'm going to be a junior.

9 COMMISSIONER HOCHSCHILD: Okay. When I was a  
10 sophomore in college, I could not have done this, so well  
11 done.

12 I just want to say, you know I think all of us  
13 have had the experience with meeting with members of the  
14 Legislature too and I know the Office of Government Affairs  
15 here has helped compile these reports on how much of our  
16 funds from different programs are happening by legislative  
17 district. And it's just been interesting, in my experience  
18 it's new information every time. The legislators have no  
19 idea how many dollars of Prop 39 or New Solar Homes or ECCA  
20 or ARFVTP. And it's really important to do that, because  
21 there are real benefits and real jobs and real savings.  
22 And so this is yet another step in that direction, so great  
23 work. Keep it going, thank you.

24 COMMISSIONER MCALLISTER: Yeah, and I'm piling  
25 on. It occurs to me that as we do more outreach and try to

1 get present in communities around the state and not just  
2 have meetings here in Sacramento -- we do a lot around the  
3 state, but we really need to do more. And I think we're  
4 aiming to do more certainly in some of the existing  
5 buildings that I oversee. We're trying to do workshops and  
6 here just listening, meetings with stakeholders around the  
7 state. And it might even be a good thing to even represent  
8 that, those efforts, you know in a GIS. "Here are all the  
9 places that we've met around the state," and sort of be  
10 more transparent about that.

11           Because I think again it goes against the sort of  
12 brand that the Energy Commission has, which is that we're a  
13 regulatory body. We're not that accessible. We've changed  
14 that tremendously, I think, but we still have work to do.  
15 So I guess I'm going to be thinking about new pieces of  
16 information we could represent visually and geographically.

17           And then just also another teaser out there, I  
18 mean we'll be able -- in a year or year and a half or so,  
19 not to put pressure on the data staff, but we're going to  
20 be able to represent energy trends like in the very  
21 granular way in this same kind of visualization and  
22 longitudinal changes and sector-by-sector. We're going to  
23 be able to do a lot of slicing and dicing of actual energy  
24 consumption and building trends and things like that. And  
25 again building on the GIS stuff that I think Commissioner

1 Douglas really pioneered on the VRECP work.

2 So just lots of different threads of effort are  
3 coming along, and they're relating and intertwining in  
4 really interesting ways and we're going to see a lot of  
5 positive outcomes from that, I think.

6 COMMISSIONER HOCHSCHILD: Could I just ask you a  
7 question, Amulya? Just as you were doing this, what was  
8 the most challenging and what were the barriers you  
9 encountered?

10 MS. YERRAPOTU: I think in terms of the most  
11 challenging, definitely massaging GIS in like the chart  
12 function to get it to display data in a way that makes  
13 sense or is more helpful. So for example, the ARFVTP graph  
14 that you saw shows projects-by-project count. So it would  
15 be that large slice of electric vehicle charging was by the  
16 number of chargers, which I think is not necessarily as  
17 helpful as getting an understanding for how much funding is  
18 going to various parts of the project.

19 So figuring out the difference between those  
20 different measures and what is most useful to display, I  
21 think was definitely one of the challenges.

22 COMMISSIONER HOCHSCHILD: Great. Good to know.  
23 Thank you.

24 MS. YERRAPOTU: Thank you.

25 CHAIRMAN WEISENMILLER: Yeah. Thanks, again.

1 (Applause.)

2 Let's go on to Item 5. Actually before we do,  
3 Alana, do you want to make the announcement just to make  
4 sure everyone knows?

5 CHAIRMAN WEISENMILLER: Great. Let's go on to  
6 item five. Actually, before we do, Alana, do you want to  
7 make the announcement just to make sure everyone knows.

8 MS. MATHEWS: Yes. So apparently there continues  
9 to be a little bit of technical difficulties and we just  
10 want to make sure that there are any members of the public  
11 who would like to make a public comment, please contact the  
12 Public Adviser's Office. We have the number up there, or  
13 anyone else who's experiencing technical difficulties in  
14 hearing this meeting please contact the Public Adviser's  
15 Office at the numbers that are listed. We have a local  
16 number as well as a 1-800 number, so that we can further  
17 assist you so you can participate in today's Business  
18 Meeting. Thank you.

19 CHAIRMAN WEISENMILLER: Thanks. Go ahead.

20 MS. ROOT: All right. Good morning,  
21 Commissioners. My name is Christine Root and I'm the  
22 Compliance Office Manager in the Siting Division. I also  
23 have Kirk Oliver with me, Staff Attorney.

24 Today, staff is seeking approval of a proposed  
25 settlement agreement for the Gateway Generating Station.

1 The Gateway Project is a 530-megawatt combined cycle  
2 natural gas-fired facility located in the City of Antioch  
3 in Contra Costa County, California.

4 The facility was certified by the Energy  
5 Commission in May, 2001 and began commercial operation in  
6 January 2009.

7 The settlement agreement is intended to resolve  
8 issues rising from staff's investigation and reporting  
9 violations by Pacific Gas and Electric Company, the owner  
10 of Gateway.

11 The certification for the Gateway facility  
12 requires that PG&E notify the Energy Commission within ten  
13 days of receiving any complaints about its operations. But  
14 PG&E was untimely in notifying the Energy Commission about  
15 four separate complaints that have been reported to Gateway  
16 between May 28th, 2016 and June 22nd, 2016. The complaints  
17 allege that particulate matter, originating from the  
18 Gateway Generating Station, caused damage to boats and  
19 other personal property located near the facility.

20 PG&E's notification to the Energy Commission were  
21 made over three months after the complaints were made,  
22 exceeding the ten-day notification requirement. The  
23 extended time between the receipt of the complaints by  
24 PG&E, and PG&E reporting the complaints to the Energy  
25 Commission, precluded staff from investigating the root

1 cause of reported damage of personal property in the  
2 vicinity of the project.

3 Staff and PG&E agree that this matter can be  
4 effectively resolved by a settlement agreement under which  
5 PG&E will pay \$50,000 to the Energy Commission, reporting  
6 requirements in Gateway's certification will be amended to  
7 provide additional clarity. And two new conditions of  
8 certification: AQ-SC12 and AQ-SC13 will be added to  
9 Gateway's certification to allow for verification of the  
10 level of particulate matter released upon restart after an  
11 outage.

12 The proposed settlement agreement provides that  
13 the Energy Commission agrees to close the matter without  
14 further action or litigation. And I'm available to answer  
15 any questions you might have.

16 CHAIRMAN WEISENMILLER: Thank you, Scott?

17 MR. GALATI: Scott Galati representing PG&E, just  
18 ask that you approve the settlement agreement. We worked  
19 well with staff. We think the clarification to the  
20 Condition of Certification will ensure that something like  
21 this doesn't happen again.

22 CHAIRMAN WEISENMILLER: Okay.

23 Any public comment? Any comment from anyone on  
24 the phone? Commissioner Douglas?

25 COMMISSIONER DOUGLAS: Yeah, I'll just say I got

1 a briefing this. And I think that it's a good settlement  
2 and I recommend it for your approval. Thank you.

3 COMMISSIONER HOCHSCHILD: Can I just ask, I'm  
4 just concerned about the failure to report and your sense  
5 of how I guess all the utilities that we deal with in this  
6 capacity, I mean is that gray area. Has this kind of thing  
7 happened before? It's the first time I've seen that fine  
8 for failure to report on something like that.

9 COMMISSIONER DOUGLAS: You know, I think one of  
10 the reasons and I'll speak to staff again too, I think one  
11 of the reasons this is the first time you've seen it is  
12 that we've been working to augment our communication with  
13 project owners and so we have a new process Christine can  
14 speak to around enforcement of existing conditions.

15 And a lot of that is iterative, as Scott sort of  
16 pointed out. Part of this involves clarifications to  
17 conditions to make it exactly and precisely clear that they  
18 need to report to us within ten days and so on. And it's  
19 timeliness of us getting notification of issues is very  
20 important, because if you don't have timely notification of  
21 an issue by the time the Energy Commission does hear about  
22 something, and even if we send people to the site, there's  
23 nothing to see. You know, data is stale and so one.

24 Christine?

25 MS. ROOT: Yes. I may add that staff has been



1 working with our stakeholders and our enforcement policies  
2 and have had actually two workshops previously in the last  
3 couple of years on new tools and policies that the Energy  
4 Commission is using in its compliance enforcement for the  
5 power plants in the State of California.

6 MR. GALATI: Commissioner Hochschild, may I  
7 respond? I just also wanted to let you know that PG&E is  
8 different than many other applicants that the Energy  
9 Commission has granted a license to. Whereas the sole  
10 source for many applicants, the sole ability to make a  
11 complaint is to the plant. And we've also instituted some  
12 procedures internal to PG&E that when complaints don't come  
13 to the plant, but they come to some other part of the  
14 organization, they filter to the plant in a way such that  
15 the plant can report.

16 So we do believe that between the changes to the  
17 Conditions of Certification and the measures we've taken on  
18 our part, this is also the first time you've seen PG&E who  
19 owns three plants get a Notice of Violation. We've worked  
20 very well with the Commission and that's why we settled  
21 this and got to this quickly, made these changes, so that  
22 this kind of thing won't happen again.

23 COMMISSIONER HOCHSCHILD: Okay.

24 COMMISSIONER DOUGLAS: So I'll move approval of  
25 this item.

1 COMMISSIONER SCOTT: Second.

2 CHAIRMAN WEISENMILLER: All those in favor?

3 (Ayes.)

4 CHAIRMAN WEISENMILLER: This item passes 5-0.

5 Thank you.

6 Let's go on to Item 6.

7 MS. DYAS: Good morning, Commissioners. My name  
8 is Mary Dyas and I'm the Compliance Project Manager for the  
9 Argus Expansion project known as ACE. With me this morning  
10 is Jared Babula, Senior Staff Attorney, and representing  
11 the project, Bob Therkelsen is here.

12 Today, we are requesting the Commission's  
13 approval of a Petition for Termination of the ACE project.  
14 The 100 megawatt ACE project was certified by the Energy  
15 Commission on January 8th, 1988 and began commercial  
16 operation in January of 1991. The ACE project was a coal  
17 and petroleum fired power plant located in Trona, San  
18 Bernardino County.

19 On October 2nd, 2014 the power plant ceased  
20 operations and was placed in a long-term outage condition  
21 to secure the facility and minimize environmental hazards.  
22 On June 10th, 2015 the Energy Commission approved a  
23 petition to decommission the power plant and adopted  
24 additional conditions to ensure demolition and other  
25 decommissioning activities would comply with all legal

1 requirements and not result in adverse environmental  
2 impacts.

3           The approved plan proposed to demolish several of  
4 the structures on the ACE site used exclusively for power  
5 generation and retain other structures for future  
6 industrial use, reuse.

7           In September 2015, New Mill Capital acquired the  
8 ACE project and initially suspended all decommissioning  
9 activities to review options for the facility. On May  
10 14th, 2018 SB Industrial Services purchased the ACE Project  
11 and plans on demolishing some of the structures at the ACE  
12 project including the boiler and stack and retaining  
13 others, including the turbine generator building for  
14 industrial reuse consistent with the approved  
15 decommissioning plan.

16           On June 19th, 2018 the project owner filed a  
17 Petition for Termination with the Energy Commission  
18 requesting approval of a petition to remove all remaining  
19 open conditions related to the approved 2015 project  
20 decommissioning plan to terminate Energy Commission  
21 jurisdiction over the ACE project and to waive the 2018-  
22 2019 annual compliance fee.

23           The Petition for Termination includes a letter  
24 from San Bernardino County regarding their willingness to  
25 assume jurisdiction over the project in its current

1 condition, and the reuse of the retained structures, as  
2 well as their willingness and ability to oversee demolition  
3 of the non-retained structures.

4 Staff has reviewed the petition for termination  
5 and has not identified any apparent environmental or health  
6 and safety risks that would warrant the Energy Commission  
7 to retain jurisdiction. Staff has also confirmed San  
8 Bernardino County has the ability and is willing to assume  
9 jurisdiction over the ACE facility for future repurposing  
10 as an industrial site.

11 Staff has determined that open Conditions of  
12 Certification related to the future demolition of facility  
13 structures can be removed because San Bernardino County's  
14 demolition permit process would ensure the substantive  
15 requirements of the conditions would be met.

16 In addition, the facility is no longer a power  
17 plant. A Notice of Receipt was docketed and mailed to the  
18 ACE mail list and listserv on June 22nd, 2018. Staff's  
19 analysis of the petition was docketed and a notice was  
20 mailed to the ACE mail list and listserv on July 12th,  
21 2018.

22 The only comments filed on the petition came from  
23 Searles Valley Minerals or SVM, the owner of the project  
24 site. The comments were not directly about the petition,  
25 but related to terms in the land lease agreement between

1 SVM and the facility owner.

2 Staff has reviewed the comments and does not find  
3 them relevant to the issues before the Commission today.  
4 Staff would defer to the applicant to respond to specific  
5 questions about its lease agreement with SVM.

6 Staff recommends approval of the petition to  
7 remove all remaining open Conditions of Certification  
8 related to the approved 2015 ACE Project Decommissioning  
9 Plan, the termination of Energy Commission jurisdiction  
10 over the ACE project and the waiver of the 2018-2019 annual  
11 compliance fee. Thank you.

12 CHAIRMAN WEISENMILLER: Thank you.

13 Mr. Therkelsen?

14 MR. THERKELSEN: Good morning, Commissioners. Am  
15 I on?

16 CHAIRMAN WEISENMILLER: Green light.

17 MR. THERKELSEN: Anyway, my name is Bob  
18 Therkelson. I'm representing ACE Cogeneration Company  
19 today. Larry Trowsdale, the General Manager of the  
20 facility is on the phone. He may or may not be listening  
21 to you on what's happening on that end.

22 But it's amazing to me to think that 30 years  
23 ago, 6 months or so, this project was approved by this  
24 body. It was approved as a demonstration project to show  
25 that a coal-fired circulating fluidized bed power plant

1 could be economic, could operate reliably and could also  
2 meet California's air emission requirement. And that  
3 project succeeded. It was quite a demonstration. I think  
4 it was the first demonstration project ever approved by  
5 this body.

6           Anyway, as Mary mentioned in 2014 the plant was  
7 shut down to reduce greenhouse gas emissions from the  
8 facility and to approve the overall profile from the  
9 Southern California Edison system.

10           Today, as she mentioned we are asking that you  
11 terminate the jurisdiction of the Commission for the  
12 project. We'd like to turn the project over to San  
13 Bernardino County to do demolition and also to work with us  
14 in terms of reuse of the site as an industrial facility.

15           I'd really like to thank the staff. They did a  
16 super job, not only working with us in terms of developing  
17 the decommissioning plan, but they were very patient while  
18 we looked at options for reuse of the facility including  
19 reuse as a renewable hydrogen production facility and also  
20 how rapidly they responded to our petition for termination.  
21 They did a super job in all of that.

22           If you have any questions I'd be more than  
23 willing to answer them.

24

25           CHAIRMAN WEISENMILLER: Thank you. Are there any

1 public comments from anyone in the room? Any public  
2 comment from anyone in the line? And again if you have  
3 problems call the Public Adviser and she'll make sure your  
4 comments get through.

5 (No audible response.)

6 CHAIRMAN WEISENMILLER: Well, let's transition to  
7 the Commissioners. Commissioner Douglas?

8 COMMISSIONER DOUGLAS: I've reviewed this. I  
9 think it's a very solid and good proposal. Obviously, San  
10 Bernardino County has a strong program around  
11 decommissioning. They've got a lot of interest in this  
12 area, in terms of the Trona area and possible reuse of the  
13 site. So I think this is a good idea and I think transfer  
14 to the county at this point is appropriate.

15 COMMISSIONER HOCHSCHILD: I had a quick question  
16 for staff. Please correct me if I'm wrong, but am I  
17 remembering correctly this is the last operating coal plant  
18 in the state? Or are there still others that remain after  
19 this is shut down; does anyone know?

20 MS. ROOT: Yes. This is Christine Root again,  
21 Compliance Office Manager. This was the last operating  
22 coal facility that has not operated in quite some time and  
23 Mary could probably help with the date there.

24 COMMISSIONER HOCHSCHILD: But there's no others  
25 that we know of?

1 MS. ROOT: No.

2 COMMISSIONER HOCHSCHILD: Okay.

3 CHAIRMAN WEISENMILLER: Yeah. There may be a  
4 small one that I think Shell has retrieved from shutting  
5 down. Presumably it's selling a similar label, what I hate  
6 to think anyway.

7 COMMISSIONER HOCHSCHILD: Okay.

8 COMMISSIONER DOUGLAS: So move approval of this  
9 item.

10 COMMISSIONER SCOTT: Second.

11 CHAIRMAN WEISENMILLER: All those in favor?

12 (Ayes.)

13 CHAIRMAN WEISENMILLER: This item passes 5-0.

14 Thanks.

15 MS. DYAS: Thank you.

16 CHAIRMAN WEISENMILLER: Let's go on to Item 7.

17 MR. BABULA: Now we're getting to the exciting  
18 stuff, rulemakings. So my name is Jared Babula and I'm an  
19 attorney here at the Commission.

20 Title 20 of the California Code of Regulations  
21 contains the provisions governing many of the Commission's  
22 activities and programs. This rule making addresses just  
23 four distinct areas of these regulations with an  
24 overarching goal to proactively improve the functionality  
25 of procedures, modernize the language and remove obsolete



1 sections.

2           The first part encompasses what could be  
3 considered language refinements to sections of the  
4 regulations covering adjudicative proceedings, request for  
5 investigations, complaints and power plant licensing. The  
6 majority of these changes are for clarity or to add  
7 consistency between similar procedures. For example,  
8 harmonizing the general complaint process under Section  
9 1233 with the complaint process set forth in 1240 covering  
10 a renewable portfolio standard.

11           The second part of the rulemaking restructures  
12 the regulations, so that the small power plant exemption  
13 process is no longer partially spread between two distinct  
14 sections, the 1700s and the 1900s, but solely contained  
15 within the 1900s. While there are not substantive changes,  
16 consolidating the process in one article will make  
17 following the small power plant process easier for those  
18 filing exemptions with the Commission.

19           In addition, consolidation will provide greater  
20 distinction between the requirements of the small power  
21 plant exemption and the application for certification  
22 process.

23           The third part of the rulemaking repeals Sections  
24 2301 to 2309, which were originally designed to implement  
25 the California Environmental Quality Act the provisions,

1 which date back to 1978 are obsolete and superseded by the  
2 Commission's Certified Regulatory Program, of the  
3 California Environmental Quality Act Guidelines.

4 Finally, the fourth part of the rulemaking is  
5 specific to Commission power plant licensing program and  
6 amends Section 1708, 1769 and adds a new provision, 1769.1.

7 Section 1708 provides details on the cost and  
8 accounting under the statutory processing fee the  
9 Commission charges power plant owners for reviewing  
10 amendments to facility licenses.

11 The proposed section changes to 1769 provide more  
12 flexibility and efficiency by allowing staff to provide  
13 changes to the conditions related to air quality  
14 requirements, when those changes conform to changes made by  
15 the Air District and its permit and the changes will not  
16 impact the environment. This is a key innovation in the  
17 regulations that addresses an inefficiency, which has  
18 historically hampered consistency between the Commission's  
19 license and the Air District's permit.

20 New Section 1769.1 creates a subset of amendments  
21 that Commission staff can initiate with the project owner.  
22 This will allow for a more efficient and flexible process  
23 to address obsolete conditions while also not triggering  
24 the amendment fee, because the amendment is staff  
25 initiated.

1           The proposed language changes resulted from a  
2 multifaceted effort by Commission staff to engage  
3 stakeholders, especially on the issue of power plant  
4 license amendments, to understand barriers to efficient  
5 amendment review and approval, while ensuring public  
6 participation. Staff held two workshops to discuss  
7 proposed language changes and to solicit comments from  
8 stakeholders.

9           During and after the workshop, staff received  
10 thoughtful comments from a diverse set of stakeholders  
11 including the Independent Energy Producers, California  
12 Union for Reliable Energy, the Center for Biological  
13 Diversity and others. Many of the comments resulted in  
14 language changes, improving the regulatory language. It  
15 should be clear that just because a comment did not result  
16 in a language change, does not mean that staff did not  
17 carefully consider the comment.

18           The comment period on the proposed regulation  
19 changes ended on July 20th. One set of comments were  
20 received by the Independent Energy Producers. Staff  
21 reviewed the filed comments, which reiterated prior  
22 comments. Staff will be responding to the comments fully  
23 in the Final Statement of Reasons, although I am prepared  
24 today to address any written or oral comments made.

25           Staff recommends no further changes to the

1 proposed language and that the Commission adopt the Express  
2 Terms, the Notice of Exemption and Findings as set forth in  
3 the resolution. I'm available to answer any questions.

4 CHAIRMAN WEISENMILLER: Thank you.

5 First let's start with any comments from anyone  
6 in the room.

7 MS. NEUMYER: Good morning, Samantha Neumyer with  
8 Ellison, Schneider, Harrison & Donlan on behalf of  
9 Independent Energy Producers.

10 We'd like to thank CEC staff for their hard work  
11 in this proceeding, particularly Jared. We do agree that  
12 we think the proposed amendments reflect some careful  
13 consideration and collaboration with interested  
14 stakeholders. We did submit additional comments on the  
15 language, so we won't raise those again. We think  
16 additional clarity is needed relating to the cost for  
17 amendments to the petrol project certification.

18 Notwithstanding these concerns, we do think that  
19 these amendments represent progress. We think it'll lead  
20 to greater clarity, particularly with processing petitions  
21 for modification. And we thank the Commission for its  
22 efforts.

23 CHAIRMAN WEISENMILLER: Thank you.

24 Anyone else in the room? How about on the line?

25 MR. BABULA: Is Lisa Bolanki (phonetic) on the

1 line? She said she might call in.

2 CHAIRMAN WEISENMILLER: Okay. Go ahead, Mr.  
3 Sarvey.

4 MR. SARVEY: Hello?

5 CHAIRMAN WEISENMILLER: Yes. Please go ahead.

6 MR. SARVEY: Oh, you can hear me. Great. Okay.  
7 I've been having a lot of trouble in getting on the phone,  
8 so I wasn't sure you guys were going to get to me or not.

9 I appreciate the work that the Commission did in  
10 supporting the passage of Public Resources Code 25806(e).  
11 Staff's proposal to amend Section 1708 is not consistent  
12 with the intent of Section 25806(e). Staff's proposed  
13 language for Section 1708 states that the activities of  
14 Commissioners, their advisers, Commission hearing officers  
15 and other attorneys, Commission staffs, advising  
16 Commissioners or the Commission are not considered part of  
17 the processing the Petition to Amend. Excluding the  
18 Commissioners and their staff's expenses from the cost of  
19 the Petition to Amend is contrary to the language of Public  
20 Resources Code 25806(e).

21 Section 25806(e) requires the Commission shall  
22 conduct a full accounting of the actual cost of processing  
23 a Petition to Amend for which the project owner shall  
24 reimburse the Commission.

25 There's no basis for excluding Commissioners and

1 their staff's travel, meals and lodging expenses to attend  
2 hearings for the amendment in locations outside Sacramento.  
3 These costs are easily identified and can be substantial.  
4 There's no legal basis to require ratepayers to fund these  
5 costs when the Legislature has clearly stated the project  
6 proponent is responsible for the full actual cost of the  
7 amendment.

8           Staff's proposed language is unacceptable as it  
9 shifts costs of amending licenses to ratepayers, an outcome  
10 that Public Resources Code 25806(e) was specifically passed  
11 to prevent.

12           In addition, staff's proposal to amend Section  
13 17694(a) concerning a Commissioner-approved amendment  
14 should include a public review and comment period of 14  
15 days of staff's analysis before the full Commission makes a  
16 determination on the amendment. This will provide the  
17 public participation requirement that CEQA imposes.

18           Thank you, Commissioners.

19           CHAIRMAN WEISENMILLER: Thank you.

20           Anyone else on the line?

21           (No audible response.)

22           CHAIRMAN WEISENMILLER: Staff, do you want to  
23 respond?

24           MR. BABULA: Thank you. Again, there'll be a  
25 full response in the final Statement of Reasons, but to

1 respond to those comments on the cost of the -- first of  
2 all, these are amendments. So generally there's not a lot  
3 of travel and hotel costs and such forth, because most of  
4 these amendments are shorter processes. A lot are just  
5 staff approved, so there isn't necessarily Commission  
6 costs.

7           The part that we weren't costing dealt with  
8 deliberation and the development of the decision when that  
9 -- for those hours. But the actual, if you look at what is  
10 included would be creation of the document, administrative  
11 time. So we are costing the work from the decision makers  
12 in the context of physically creating the proposed decision  
13 when you have one. And again, a lot of amendments don't  
14 rise to the level of having proposed decisions and so  
15 forth, because these are not the same as an AFC.

16           And I'm not clear when you're saying ratepayers  
17 what exactly that is a reference to, because this isn't  
18 like ratepayers in the sense of costing for a power plant.

19           As for your other comment regarding the 14 days  
20 is consistent with what we have right now, as a 14-day  
21 window where the public has an opportunity to object to  
22 something that's going to be staff approved. And then it  
23 will go to a Business Meeting for Commission approval if  
24 the objection meets the requirements in either the current  
25 language or in the new language. So nothing's really

1 changing regarding the 14 days. Thank you.

2 CHAIRMAN WEISENMILLER: Okay. Commissioner  
3 Douglas?

4 COMMISSIONER DOUGLAS: So I'll just make a couple  
5 of comments on this. This package is not a large package,  
6 but it took a long time to develop and we've been through a  
7 pretty long process on this.

8 We set out to do these regulatory updates in part  
9 to bring our regulations up to date with the new amendment  
10 billing and also to really review our amendment process.  
11 And ensure that it is as efficient and kind of reasonable  
12 as it could be or to make some important incremental  
13 improvements at least in that direction, especially given  
14 that we were moving into a new fee for service type of  
15 approach. And so I think these amendments achieve that.

16 We did make a decision that the deliberative time  
17 and the decision making side of the equation of the Energy  
18 Commission not be included in the fee. It's for amendments  
19 typically a very small portion of that fee. And depending  
20 on the issues and depending on the Commissioners, of course  
21 you could get more time spent reading or less time spent  
22 reading. But what we -- you know, documents and asking  
23 questions and going into review and deliberation and it  
24 just didn't seem as we thought about it, to make sense to  
25 charge applicants if we needed a closed session or



1 something like that.

2 But what we did endeavor to do I think with a  
3 fair degree of thoroughness, is ensure that we were able to  
4 cover the full costs and charge the full costs of preparing  
5 the environmental analysis and everything that's part of  
6 that, up to and including document production and  
7 circulation. And so I think the billing that we will have  
8 will be very thorough in terms of the costs of processing  
9 the amendment, so.

10 CHAIRMAN WEISENMILLER: Commissioner Douglas,  
11 what about his second comment on the 14 day?

12 COMMISSIONER DOUGLAS: Jared responded to that.  
13 Can you repeat what you just said?

14 CHAIRMAN WEISENMILLER: Yeah, I think he said  
15 that 14 day is the current. I wasn't clear whether the  
16 question was, was it proposed to be decreased or exactly  
17 what the issue was.

18 MR. BABULA: Yeah. I wasn't 100 percent clear.  
19 Right now, if staff believes that the amendment doesn't  
20 trigger any environmental impacts, doesn't have a change to  
21 a Condition of Certification, or doesn't create an  
22 inconsistency with LORS then staff can approve the  
23 amendment. And that approval notice goes out for a 14-day  
24 comment, in which case the public can object that staff's  
25 incorrect in one of those three elements and therefore the

64

1 amendment would need to be approved by the Commission.

2 We retained that in this, the new regs propose to  
3 continue that 14 day, so it's an existing time table that's  
4 set. And you've got to keep in mind that this is for an  
5 existing licensed project that had a full environmental  
6 review. So it's not that this is a new things and staff's  
7 going to approve it. This is a slight change of some  
8 change to a performance design or operation feature of an  
9 existing licensed project. And the 14 day is a merely to  
10 see if someone objects to staff approving the change.

11 COMMISSIONER DOUGLAS: Yeah. I think it just  
12 didn't trigger much with me, because we really didn't set  
13 out to change that. So I don't know if there are other  
14 questions or comments?

15 (No audible response.)

16 COMMISSIONER DOUGLAS: All right. Well, I want  
17 to thank everyone who took part in the process and I know  
18 it was an extended one. And I'll move approval of this  
19 item.

20 COMMISSIONER MCALLISTER: Second.

21 CHAIRMAN WEISENMILLER: All those in favor?

22 (Ayes.)

23 CHAIRMAN WEISENMILLER: This item is approved 5-  
24 0. Thank you.

25 Let's go on to 8, petition to the U.S. Department

1 of Energy.

2 MR. STEFFENSEN: Good morning Chair and  
3 Commissioners. I am Sean Steffensen, a Mechanical Engineer  
4 with the Appliance Office in the Commission's Efficiency  
5 Division. With me is Matt Chalmers, with the Chief  
6 Counsel's Office.

7 Staff is requesting that the Commission delegate  
8 to the Executive Director or his or her designee, the  
9 authority to sign a petition requesting the U.S. Department  
10 of Energy or DOE, to conduct a rulemaking process to  
11 establish new Federal Appliance Efficiency Standards in  
12 test procedures for dedicated purpose pool pump motors.

13 Pool pump motors use a significant amount of  
14 energy, as much as 2,500 kilowatt hours per year, per pool.

15 In 2004, California set standards to prohibit the  
16 sale of the least efficient pool pump motor types and in  
17 2008 updated those standards to require standard sized pool  
18 pump motors to be dual or variable speed.

19 The Commission has released three staff reports  
20 and held three staff workshops in recent years to discuss  
21 opportunities to update the Standards.

22 At the same time the Commission participated as a  
23 voting member as part of DOE's efforts to create a national  
24 standard for dedicated purpose pool pumps. Working with  
25 energy advocates and pool pump motor industry

1 representatives, this effort achieved a unanimous consensus  
2 for strong national standards that expanded coverage to  
3 more pool pump types than are covered by California  
4 standards, set minimum efficiency levels leading to  
5 widespread use of variable speed motors, delivered  
6 overwhelming cost effective savings to the consumer and  
7 yielded significant energy savings and greenhouse gas  
8 reductions.

9           Energy advocates and industry view the effort as  
10 incomplete, as the standard did not set equivalent  
11 standards for pool pump motors; a significant opportunity  
12 since many consumers choose to replace the motor as a  
13 popular repair option.

14           Over the last four months the Commission, energy  
15 advocates and industry reached consensus on potential  
16 national standards for dedicated purpose pool pump motors.  
17 The Standards will deliver significant energy savings to  
18 Californians by requiring many pool pump motors to be  
19 variable speed.

20           It also extends California's prohibition on the  
21 least efficient motor types to apply to a broader set of  
22 pool motor applications. The proposed compliance date will  
23 be July 19th, 2021, the same date as the National Pool Pump  
24 Standard. With these proposed standards, a consumer will  
25 achieve cost effective savings whether they replace the

1 motor or the entire pool pump.

2 The next step is to request that the DOE set  
3 these standards as national standards. Therefore, staff  
4 asks the Commission to approve Item 8 to allow the  
5 Commission to join a petition requesting that DOE set  
6 national efficiency standards for dedicated purpose pool  
7 pump motors. Thank you.

8 CHAIRMAN WEISENMILLER: Thank you.

9 So any comments from anyone in the room? Any  
10 comments from anyone on the line?

11 (No audible response.)

12 CHAIRMAN WEISENMILLER: Commissioner McAllister?

13 COMMISSIONER MCALLISTER: Thank you, Sean and  
14 also Christine. You guys represent us really well in those  
15 gatherings of industry and stakeholders and advocates.

16 So this is pretty straightforward. I mean the  
17 goal is to keep aligned with pool pumps and the pool pump  
18 motors, so that there's not the ability for folks to game  
19 or for inefficient products to make their way into the  
20 marketplace. And we have just sort of consensus or are  
21 consistent across the board in terms of efficiency in the  
22 various offerings. A huge, obviously, savings potential  
23 here and I just wanted to -- just pretty straightforward, I  
24 would think.

25 I just wanted to also say that this is our -- we

1 will be authorizing the Executive Director to enter this  
2 petition. But it doesn't necessarily, really doesn't mean  
3 that we would letting our foot off the lever, off the pedal  
4 locally in California to possibly develop, sort of do what  
5 we need to do in our own context and using our own  
6 authority. It really depends on how this whole thing pans  
7 out in Washington, which is still an unknown.

8           And so I think we have sort of two tracks we're  
9 going down to try to achieve this end in California. So  
10 this is the federal level piece of it, so I'll move Item 8.

11           COMMISSIONER HOCHSCHILD: Second.

12           CHAIRMAN WEISENMILLER: All those in favor?

13           (Ayes.)

14           CHAIRMAN WEISENMILLER: Item 8 passes 5-0. Thank  
15 you. Let's go on to Item 9

16           MR. DEEVER: Good morning Chair, Commissioners.

17 My name's Paul Deaver. I'm the Program Manager for  
18 Publicly Owned Utility Integrated Resource Plans. Today  
19 I'm presenting revisions to the Publicly Owned Utility  
20 Integrated Resource Plan Submission and Review Guidelines.

21           These guidelines were originally adopted at the  
22 August 2017 Energy Commission Business Meeting. The  
23 changes in these revised guidelines will reflect  
24 requirements from Senate Bill 338, which went into effect  
25 January 1st, 2018. But the revisions also include minor

1 clarifications and changes.

2           A little background on integrated resource  
3 planning, integrated resource plans are electricity system  
4 planning documents that describe how utilities plan to meet  
5 their energy and resource capacity needs; also their  
6 environmental policy goals. They describe how the  
7 utilities will address their physical and operational  
8 constraints and also other utility priorities.

9           Senate Bill 350 requires publicly owned utilities  
10 with annual loads greater than 700 GWh to adopt integrated  
11 resource plans by January 1st, 2019, submit them to the  
12 Energy Commission and update these plans at least once  
13 every five years thereafter. We expect for 16 publicly  
14 owned utilities to submit integrated resource plans to the  
15 Energy Commission.

16           Senate Bill 350 tasked the Energy Commission with  
17 reviewing these resource plans for consistency with  
18 requirements of legislation. The guidelines were developed  
19 to provide the publicly owned utilities with the  
20 requirements for submitting the resource plans including  
21 what supporting information to include. It also describes  
22 how the Energy Commission will review these resource plans.

23           The revised guidelines being considered today  
24 address requirements of Senate Bill 338 and Senate Bill 338  
25 requires the Publicly Owned Utility Governing Board in

1 developing their integrated resource plan to consider the  
2 role of existing renewable generation and grid operation  
3 efficiencies, energy storage, energy efficiency as well  
4 distributed generation and meeting their energy and their  
5 reliability needs during the hours of net peak demand.

6           The publicly owned utilities must also consider  
7 these resources while reducing the need for new generation  
8 and transmission in achieving the state's energy goals at  
9 the least cost to the ratepayers.

10           Changes to the Guidelines provide the publicly  
11 owned utilities with instructions on what to include in  
12 their resource plans pursuant to Senate Bill 338. As part  
13 of the revision process for the guidelines staff held a  
14 public webinar in May of 2018. During the webinar we  
15 provided an overview of our proposed amendments and we  
16 solicited stakeholder feedback on these. Staff received  
17 comments, both during the webinar and after the webinar  
18 during the comment period. The publicly owned utilities  
19 generally supported our proposed changes and they suggested  
20 minor changes and clarifications.

21           So in addition to the changes resulting from  
22 Senate Bill 338 staff is proposing changes to address  
23 publicly owned utilities' comments seeking to clarify and  
24 improve the reporting and the review process. Some of  
25 these changes include clarifying that integrated resource



1 plans are to be updated at least once every five years from  
2 the date that the Publicly Owned Utility Governing Board  
3 adopts the resource plan, improving the consistency with  
4 the RPS terminology and requirements, also updating the  
5 reporting tables and the instructions and making minor  
6 formatting and typographical corrections throughout.

7           So today, staff is requesting the Revised Public  
8 Owned Utility Integrated Resource Plan Submission and  
9 Review Guidelines be adopted. Thank you and I'm happy to  
10 answer any questions or comments.

11           CHAIRMAN WEISENMILLER: Thank you.

12           Any comments from anyone in the room? Sure, come  
13 on up.

14           MR. KOLODJI: Okay. In the earlier presentation  
15 they show that about 10 percent of the greenhouse gas  
16 emission reductions have been achieved, of which power  
17 plants such as these are basically half of the power supply  
18 in California. And there's no way -- I mean, we can't  
19 avoid, we can't ignore the fact that we have to remove or  
20 capture the CO2 off of the stack of a conventional --

21           CHAIRMAN WEISENMILLER: People have tried that  
22 (indiscernible) --

23           MR. KOLODJI: I am a chemical engineer. I didn't  
24 mention that. I've got 40 years of experience.

25           CHAIRMAN WEISENMILLER: That's fine.

1           MR. KOLODJI: I'm an expert in gas processing,  
2 (indiscernible) sulfur, etcetera.

3           CHAIRMAN WEISENMILLER: That's fine, yeah. Go  
4 ahead.

5           MR. KOLODJI: My point is that yes, there is a  
6 way to do it. It's economical today with patents pending  
7 that I have personally, okay? And also we would take the  
8 stack as neat (phonetic) and we just don't have cooperation  
9 from the stack (indiscernible) producers right now. We're  
10 asking the California Energy Commission to consider these  
11 new methods, okay? Not the old methods that cost \$200 a  
12 ton, but the new methods that cost \$10 a ton of CO2 to  
13 allow the capture of that gas. And then we can speed it up  
14 quite a bit, speed this removal of CO2 from the atmosphere  
15 up much faster than any of these other renewable concepts,  
16 because we can retrofit these facilities for very low cost  
17 per ton compared to existing methods out there.

18           Large companies are removing CO2 off of stacks,  
19 producing pure CO2. The technologies I'm proposing do not  
20 recover and do not purify the CO2. They take the CO2 and  
21 dilute it for crops. They take it at 10 to 20 percent CO2  
22 off the stack and feed it to crops at 1,000 parts per  
23 million. So we dilute it with air and we actually increase  
24 the yield of the crops by almost 100 percent making a  
25 profit off the flue gas. New concept, the California Air

1 Resources Board is aware of it and the California  
2 Department of Food and Agriculture invited me to present  
3 this technology and scientific (indiscernible) and it  
4 works. It's been done for over 100 years, but not in the  
5 way that you can capture. I mean, it's been done in  
6 greenhouses.

7           What we're going to propose, what I'm proposing  
8 doing is using this in open air flue gas flooding our  
9 cultural fields with this high-concentration CO2 and  
10 diluting it down to where crops can accept.

11           CHAIRMAN WEISENMILLER: Okay. Go talk to some of  
12 the producers, offer them contracts and your price, but  
13 thank you.

14           MR. KOLODJI: We need some help from the  
15 California Energy Commission to help promote this.

16           CHAIRMAN WEISENMILLER: Well, this isn't the  
17 right forum. We do have research money that we come up  
18 with, investment plans and so make proposals there. But  
19 not --

20           MR. KOLODJI: Okay. But it's not mentioned in  
21 these plans and it's not mentioned in any --

22           CHAIRMAN WEISENMILLER: No, well again these  
23 plans are the utility resource plans. So you can go talk  
24 to them too, but our job is to set the guidelines based  
25 upon the law, which we've done. Certainly that's a good

1 forum for you to raise that question say of LADWP.

2 MR. KOLODJI: I'm bringing it up here, because in  
3 Section H. Greenhouse Gas Emissions, nothing is mentioned  
4 about having to remove it from the stack gas and making a  
5 profit by producing more food.

6 CHAIRMAN WEISENMILLER: Yeah, that's good. Thank  
7 you.

8 Okay. Any comments by anyone else in the room?  
9 Anyone on the line?

10 (No audible response.)

11 CHAIRMAN WEISENMILLER: Okay, transition to the  
12 Commissioners.

13 This is a relatively straightforward amendment of  
14 our guidelines. It reflects Senator Skinner's legislation.  
15 The POUs are starting to file IRPs with us. I think we've  
16 gotten the first one. We're trying to give them complete  
17 regulations that include the Skinner requirements,  
18 hopefully as part of those filings.

19 COMMISSIONER SCOTT: I just have one comment. I  
20 got an excellent briefing on this topic just on Monday on  
21 the updates. And there is the definition for plug-in  
22 electric vehicles is a little different than the way that  
23 we talked about them throughout the rest of the Commission,  
24 but not such that we felt like we needed to do an errata or  
25 anything to update that. But that may be one thing for us

1 to keep an eye on, as the POU's are putting this information  
2 together.

3 CHAIRMAN WEISENMILLER: That's good.

4 COMMISSIONER MCALLISTER: Move it?

5 COMMISSIONER SCOTT: I will move approval of Item  
6 9.

7 COMMISSIONER MCALLISTER: I'll second.

8 CHAIRMAN WEISENMILLER: All those in favor?

9 (Ayes.)

10 CHAIRMAN WEISENMILLER: It passes 5-0. Thank  
11 you.

12 Let's go on to Item 10.

13 MR. CHAUDRY: Good morning, Chair, Commissioners.  
14 My name is Shahid Chaudhry. I'm with the Local Assistance  
15 and Financing Office of the Efficiency Division.

16 I'm here to request your approval for a \$422,795  
17 ECCA Loan at 1 percent to the City of Rio Vista. The City  
18 will use this loan to implement energy efficiency measures  
19 at its buildings including City Hall, the fire station,  
20 airport terminal, Corp Yard, two wastewater treatment  
21 plants and a lift station.

22 Upon implementation the project will reduce about  
23 213,000 kilowatt hours of grid electricity consumption  
24 annually, saving the City an estimated amount of \$25,900 in  
25 utility costs.

1           Based on the loan amount, and utility cost  
2 savings, the simple payback is approximately 16.3 years.

3           The loan request is in compliance with the terms  
4 and conditions of the ECAA Loan Program. I therefore  
5 request your approval of this loan. I'm available for any  
6 questions you may have.

7           CHAIRMAN WEISENMILLER: Thank you.

8           Is there any comments from anyone in the room?  
9 Anyone on the phone?

10           (No audible response.)

11           CHAIRMAN WEISENMILLER: Okay. Commissioner  
12 McAllister?

13           COMMISSIONER MCALLISTER: So I've looked this in  
14 some detail and that looks like a good project. I guess  
15 it's kind of interesting, actually there are some generator  
16 heat pumps in there, which I thought was interesting. And  
17 also, I think what that's about 12 percent of that cost and  
18 then there are some power factor corrections actually in  
19 there too, which is we don't see that often coming through  
20 these projects. So they are clearly trying to integrate.  
21 The rest of it's mostly lighting, I think about 50-some odd  
22 percent, but so it's all good.

23           I think I like to see that kind of innovation and  
24 just pragmatic approaches from our applicants, so obviously  
25 I support.

1 Right, so I'll move Item 10.

2 COMMISSIONER DOUGLAS: Second.

3 CHAIRMAN WEISENMILLER: All those in favor?

4 (Ayes.)

5 CHAIRMAN WEISENMILLER: This also passes 5-0.

6 Thank you.

7 MR. CHAUDRY: Thank you.

8 CHAIRMAN WEISENMILLER: Let's go on to minutes.

9 COMMISSIONER SCOTT: Move approval of the  
10 minutes.

11 COMMISSIONER DOUGLAS: Second.

12 CHAIRMAN WEISENMILLER: All those in favor?

13 (Ayes.)

14 CHAIRMAN WEISENMILLER: These also pass 5-0.

15 Let's go on to Lead Commissioner or Presiding  
16 Member Reports. Commissioner Scott?

17 COMMISSIONER SCOTT: Sure. I just have one  
18 update that I'd like to share with you all, which is last  
19 week I had the opportunity to almost make it to the San  
20 Diego Port Tenants event where on the 10th Avenue Marine  
21 Terminal they had a bunch of Dole electric vehicles that  
22 are going to be moving cargo handling equipment around.

23 I had no idea that San Diego can also get fogged  
24 in. Unfortunately, my 7:00 a.m. flight, which was -- no,  
25 it was a 6:00 a.m. flight that was supposed to land at 7:20

1 and we circled for about an hour then we flew to Ontario,  
2 landed, got more fuel and got there in time for me to  
3 basically have missed most of the event.

4 But I raised it, because the speeches had ended,  
5 but everyone was still there. And the Port of San Diego,  
6 the Port Tenant Association, Dole, SDG&E were really  
7 gracious. They called everyone back together to hear my  
8 remarks, so I got to talk about what the Energy Commission  
9 is doing in this space and how excited we are to have this  
10 great partnership with the Port of San Diego to demonstrate  
11 this type of equipment there.

12 And it just is a great project, because one of  
13 the things that the Port Tenants Association is going to  
14 do, and Dole is so Dole is really going to put this  
15 equipment through its paces. But anybody else who's a port  
16 tenant that wants to try out this equipment, see what it's  
17 like, put it through its paces as well. So even though  
18 it's about ten trucks, the impact of those, a lot of folks  
19 are going to get a chance to kind of kick the tires on this  
20 equipment and see how it works.

21 We also got to see there's a fuel cell truck that  
22 is operating at that 10th Avenue Marine Terminal as well.  
23 And one of the exciting things that we saw it doing, so  
24 this was from a previous Energy Commission grant, they have  
25 the base of windmills, wind turbines there. And I don't



1 know if you've ever seen those. It comes in three huge  
2 parts. I mean, these are really big and they're very,  
3 very, very heavy. One of the heaviest things that goes  
4 through a port and that fuel cell truck was able to pull  
5 that and move it to where it needed to go. So they're  
6 doing a shakedown run on that as well, so that was pretty  
7 cool to see.

8 I mean, if any of them are listening or just  
9 happen to read the transcript I want to just say thank you,  
10 because it was really gracious for them to allow me to  
11 speak even though I was late and tried so hard to get  
12 there. But it was a great day and fun to be able to  
13 celebrate, so that's all I want to highlight today.

14 COMMISSIONER MCALLISTER: It hasn't been that  
15 long since our last Business Meeting, so not too much to  
16 talk about. I just last week spent most of the week in  
17 D.C. and did a series of meetings with congressional  
18 committees. Really mostly staff, but Congressman Tonko  
19 from New York sponsored this really good one at the House.  
20 And it was a small group of states just talking about all  
21 of the things that they're doing on clean energy. And the  
22 context really is the EPCA Reform and the Process Rule that  
23 Department of Energy is looking at.

24 And so I think the effort was just to sort of get  
25 a little bit of a reality check on what happens at the

1 states and why the state energy offices are relevant and  
2 are doing things that actually are very reasonable in  
3 helping our economy and just broad-based benefits. And so  
4 I think there's an ongoing effort to kind of demystify the  
5 state energy offices, really I'd say as a defense mechanism  
6 in the current Administration. To just make sure that the  
7 Congress at least knows that everything is going on  
8 productively and reasonably, right?

9           So and it seems to be working, because Congress  
10 is a strong supporter of the State Energy Program, and  
11 weatherization and all of the things that the energy  
12 offices do. Even though the Administration keeps zeroing  
13 them out Congress actually has given them more money than  
14 they asked for, so we want to keep that dynamic going  
15 obviously. And increasingly as we get more engaged at that  
16 level people, other states, you know, of all colors are  
17 just looking to us for leadership. And it's a little bull  
18 in the china shop, because we drop numbers that are a  
19 couple of orders of magnitude bigger than the other states.  
20 You know, we use a lot of "b"s, you know, in the billions  
21 and everybody else is in the millions or something quite  
22 small. But we're all facing similar challenges, just in  
23 different scales so I think it's helpful that we're there  
24 at least, because people really appreciate it.

25           Yeah, I guess I would just highlight the

1 ongoing outreach around the Building Standards. There  
2 continues to be a lot of interest in it and yeah, I think  
3 it's overwhelmingly positive. And I think people are  
4 really paying attention and the implementation is moving  
5 forward well, which we need to keep our eye on that ball  
6 obviously.

7           And then just increased focus generally on  
8 decarbonization. I think it's one of these topics that not  
9 just in the Legislature, but just out there in the world  
10 there's so much talk about decarbonization and so I think  
11 our task in the next months and years is to really get to a  
12 common understanding of what that means. And have the  
13 broad conversation that really that's going to lead to,  
14 which is what our energy supply look likes one, five, ten  
15 years hence. But it's nice to see all of the different  
16 stakeholders really putting some creative thought into this  
17 huge challenge that we have.

18           Yeah, so that's it.

19           COMMISSIONER DOUGLAS: So I'll just report on a  
20 couple of tribal meetings I had a couple of weeks ago. A  
21 group of us from the Energy Commission met with the Hupa  
22 Tribe and the Karuk Tribe. We also had a quick meeting  
23 with the Paiute Tribe. And then last week we had a meeting  
24 with the Trinidad Rancheria, both staff and the Tribal  
25 Counsel and many of these meetings. So those were

1 productive discussions. We're working towards a Tribal  
2 Energy Summit in the fall and we have a lot to talk about  
3 with a number of the tribes up and down the state. Thank  
4 you.

5           COMMISSIONER HOCHSCHILD: So first of all,  
6 Commissioner McAllister and I had a little ceremony to  
7 thank the staff of the New Solar Homes Program at Davis a  
8 week or two back, which was lively. And included some  
9 unexpected surprises for me, but it was a real pleasure to  
10 just talk. That is actually where Commissioner McAllister  
11 and I first met was on this committee putting that program  
12 together over a decade ago and just to trace the arc of the  
13 growth of that industry all the way to the standard we  
14 adopted this spring. And it was great, we had a lot of  
15 staff there who had administered the program, but I think  
16 for them to see all of the stakeholders and the progress  
17 was terrific.

18           Then for the last few years I've done a Clean  
19 Tech Investor Roundtable with Commissioner Peterman and  
20 Commissioner Rechtschaffen and a few others in San  
21 Francisco, a bunch of the top investors, just to get a  
22 better sense of investment trends and dynamics. A lot of  
23 interest in electrification, a lot of new money coming in,  
24 the Twitter money through obvious ventures and others.

25           And I guess the big take-home is just the number

1 of investors in the space has grown. Again, you know, it  
2 ebbs and flows, but we had an overflow attendance, so that  
3 was really fruitful. Mark Ferron was there from the ISO as  
4 well.

5 And then in two weeks we're going to host a  
6 workshop here at the Commission on the eligible equipment  
7 list, so we maintain that list. That's over 20,000  
8 different pieces of equipment in terms of solar panels,  
9 inverters and meters and we're interested in how to make  
10 that more user friendly. It's used by states all across  
11 the country as well as to look at whether we can  
12 incorporate storage into that list.

13 And then I'm interested to delist dumb inverters  
14 that don't have telemetry and voltage regulation, so we're  
15 going to get feedback from stakeholders and be making some  
16 changes following that.

17 CHAIRMAN WEISENMILLER: Great. Now, a couple of  
18 things, I spoke at the annual CCEEB event up at Squaw  
19 Valley. You know, the focus a lot is on the fire issues.  
20 I was on a session with Senator Wieckowski, Kip Lipper, and  
21 we talked about the issues the state's confronting on the  
22 fire stuff.

23 I also met with the Governor of Sonora. We met  
24 and came up with Mary and Matt and then came over and met  
25 with Pam, Maria (phonetic) and I.

1           We just got a flag that the 4th Climate  
2 Assessment will be rolled out over the course of the month.  
3 There's actually an IEPR workshop tomorrow that starts  
4 trying to bring the science into the PUC's regulatory  
5 framework and others. Anyways, a whole series of events  
6 from now through October that as we go forward, more and  
7 more attention, but I think certainly not many will be  
8 around for through a lot of the 3rd Climate Assessment.  
9 Sorry, this is a big deal is the bottom line. And  
10 certainly I'd have to say the events on the ground are  
11 outrunning the science.

12           I think the example I tend to use is that the  
13 science studies were done on modeling fire and they were  
14 based upon 2000 to 2016. And 2017 had the same impact as  
15 cumulatively 2000 to 2016 and 2018, so far is worse.

16           You know, when the State Operation Center was  
17 activated last week Justin went out for that. And we're  
18 set up to provide initially 24 by 7 support, although our  
19 role is pretty much fuels. You know, a question of is  
20 there jet fuel let's say at the Redding Airport. But, you  
21 know, certainly the pictures from the fire hit very much  
22 the Bureau of Reclamation's facilities up north. And I  
23 guess the Bureau of Reclamation is not the most 21st  
24 Century entity. They have manual files for the leases,  
25 they had to evacuate their operating centers obviously from

1 the fires. So that tended to cut off powers and they had a  
2 number of transmission lines that just melted, pretty  
3 dramatic pictures. And that tended to cut off a lot of the  
4 more remote areas up in Northern California in terms of  
5 power.

6 I think some are still cut off, but obviously  
7 PG&E has had to cut off some areas for safety reasons as  
8 did Edison down in Riverside. It looks like the fire up  
9 there was caused by a malfunctioning car and in Riverside  
10 it was arson. But I think if it's certainly as I said  
11 something that really gets the message out about climate  
12 change and the challenges we have there.

13 Chief Counsel's or actually Andrew was going to  
14 have a footnote on the COB. Do you want to? Yeah.

15 COMMISSIONER MCALLISTER: Yeah, I just want to  
16 mention that the first post-application deadline of the  
17 Citizens Oversight Board meeting happened for Prop 39. And  
18 I'm so happy it moving on to the new programs including the  
19 school buses and infusing money in the ECCA-Ed Program.  
20 But the audit was discussed there and we came out, maybe  
21 Executive Director Bohan wants to add something here. But  
22 I think we played a really positive role in that.

23 You know, the Controller's Office did a very  
24 thorough job and a few issues carried forward that we maybe  
25 have small disagreements about in terms of definitional

1 issues and things like that. But basically it came out as  
2 a clean audit with a couple of "to dos" to sort of  
3 continually improve the process in the accounting and the  
4 monitoring of what's going on out there in the world, out  
5 there with the schools and the implementation.

6 But anyway that was the main topic of the COB  
7 meeting and I want to just thank Drew for being really on  
8 top of that. And I think we have a relatively positive  
9 relationship with the Controller and the auditors that now  
10 really know the program. And that seems to be working  
11 reasonably well year to year now.

12 CHAIRMAN WEISENMILLER: Yeah, so Chief Counsel  
13 Report.

14 MS. VACCARO: Nothing today, thank you.

15 CHAIRMAN WEISENMILLER: Executive Director Report?

16 MR. BOHAN: Nothing to add except I would just  
17 follow up on Commissioner McAllister's point that yes we're  
18 working closely with the Controller's Office as well as  
19 CDE. At this point we're obviously not approving any more  
20 applications, but changes can still come in and we're still  
21 working on some of the financial issues. But it's a  
22 positive collaborative process.

23 CHAIRMAN WEISENMILLER: Okay. Public Adviser?

24 MS. MATHEWS: Good afternoon. I only have one  
25 item to report and that is basically on our Summer



1 Internship Program. Normally we would have a Summer  
2 Institute. We were not able to have that this year, but we  
3 did have three high school interns. And so I also have  
4 three college interns that I thought they would be in a  
5 better position to share how our new partnership with these  
6 three high school students went this summer, so I'll bring  
7 them up at this time.

8 MS. GOMEZ: Good morning. My name is Adriana  
9 Gomez. I'm a Student Assistant to Commissioner Scott and I  
10 go to Lewis & Clark Law School.

11 MS. ALMARAZ: Good morning. My name is Maria  
12 Almaraz. I'm an intern with the Public Adviser's Office  
13 and I will be a senior at Sacramento State University.

14 MS. BURNS: Good morning. My name is Lauren  
15 Burns. I'm an Intern in the Public Adviser's Office and I  
16 go to UC Berkeley.

17 MS. ALMAREZ: We had the privilege of hosting  
18 three high school students to learn about energy, the  
19 environment and community engagement. These are our three  
20 students: Briana Gutierrez who goes to Florin High School  
21 and is interested in law, Jared Estes (phonetic) who goes  
22 to Franklin High School and is interested in political  
23 science and Abbie Shankut (phonetic) who goes to Pleasant  
24 Grove High School and is interested in environmental law.

25 MS. BURNS: So during their time with us they

1 were able to be exposed to a lot of arms of state  
2 government as well as learn the ins and outs of the work  
3 that's done at the Energy Commission. So we were fortunate  
4 as that we were able to have a tour CAISO, which the  
5 students thought was so interesting and fun. We were also  
6 able to tour the Capitol and meet with the Assemblyman Jose  
7 Medina. We were able to attend the Business Meeting last  
8 month and we also met with many members of Commission staff  
9 including Drew Bohan, Executive Director; Commissioner  
10 Scott and staff from Government Affairs.

11 MS. GOMEZ: We really wanted to provide the  
12 students with an experience that was more educational  
13 rather than just them doing a lot of clerical work. While  
14 they did some clerical work, they were also able to do a  
15 lot of learning as well. So every day we would start out  
16 by giving them an article from various topics ranging from  
17 alternative fuel vehicles to power plant siting. And they  
18 would journal about it and discuss the topic, so a lot of  
19 them -- all three of them actually left saying that they  
20 had learned a lot more than they had anticipated.

21 And when we got to hear from the other students  
22 that were part of the program, but at different agencies,  
23 many of the students said that they solely did clerical  
24 work. So we were very excited to be able to offer them  
25 something that was more engaging and more meaningful.

1           They also got to a lot of work kind of developing  
2 an outreach plan for the Stanton Power Plant and trying to  
3 engage youth for the evidentiary hearing.

4           MS. ALMARAZ: Here are some highlights of what  
5 they worked on during their time here. They had skill  
6 enhancement workshops, which included a scholarship and  
7 college seminar. So they learned about financial aid and  
8 how to write a personal statement for when they apply to  
9 college.

10           They also participated in a public speaking  
11 seminar with Leah Moni (phonetic) who gave them an  
12 excellent workshop on improving public speaking skills.  
13 And they created a video for the youth of Stanton to  
14 encourage participation in the Stanton Evidentiary Hearing.

15           They concluded their time here with a graduation  
16 ceremony with the Mayor of Elk Grove and Public Adviser  
17 Alana Mathews where they received an award for their  
18 participation in the program.

19           MS. GOMEZ. So each of our students, every week  
20 would write a reflection about their experience. One of  
21 our students, Briana, said, "I feel that I've used a lot of  
22 skills this week. I was able to work cooperatively in a  
23 group to reach a common goal." We really wanted them to be  
24 able to work together, which was fortunate they were able  
25 to.

1 MS. ALMARAZ: Another student, Jared, said, "Our  
2 project in the past days has been our work on the Stanton  
3 Power Plant and an outreach campaign in order to get the  
4 youth of Stanton to attend the hearing on August 2nd. We  
5 have decided to produce a very short video telling the  
6 community and Stanton about the hearing and encouraging the  
7 youth to come and let their voices be heard.

8 MS. BURNS: Our third student, Abbie, said, "I  
9 worked on more collaborative assignments and took on harder  
10 tasks that made me feel like I was truly an office  
11 employee."

12 So I think the general consensus was that they  
13 really enjoyed their time here and got to do a lot of  
14 meaningful work in our office. Thank you.

15 MS. ALMARAZ: Thank you so much. (Applause.)

16 CHAIRMAN WEISENMILLER: Thank you for your  
17 assistance.

18 MS. MATHEWS: And lastly, I just sort of have an  
19 announcement. We will have our second Disadvantaged  
20 Community Advisory Group, which is a joint advisory group  
21 with the CPUC meeting later this month, August 21st. It  
22 will be in San Francisco at the CPUC starting at 10:00  
23 o'clock a.m. so the notice will be forthcoming. But I did  
24 just want to tee that up today.

25 CHAIRMAN WEISENMILLER: You want to mention the

1 loss of the one member?

2 MS. MATHEWS: Yes, I do. So we will acknowledge  
3 that, but at this time it is with a heavy heart that we  
4 announce that one of our members, Woodie Hayes, who  
5 represented the San Bernardino-Riverside area and she was  
6 President of their local NAACP chapter, passed away.

7 CHAIRMAN WEISENMILLER: Okay. So public comment?

8 (No audible response.)

9 CHAIRMAN WEISENMILLER: The meeting is adjourned.  
10 Thank you.

11 (Adjourned the Business Meeting at 12:00 p.m.)

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**REPORTER' S CERTIFICATE**

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

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

IN WITNESS WHEREOF, I have hereunto set my hand this 10th day of August, 2018.



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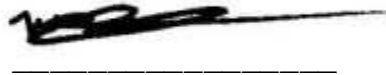
Eduwiges Lastra  
CER-915

**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 10th day of August, 2018.



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