

COMMISSIONERS PRESENT

Karen Douglas, Chair

James D. Boyd, Vice Chair

Jeffrey D. Byron

Julia A. Levin

Arthur H. Rosenfeld

STAFF PRESENT

Melissa Jones, Executive Director

Bill Chamberlain, Chief Counsel

Elena Miller, Public Advisor

Harriett Kallemeyn, Secretariat

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1 P R O C E E D I N G S

2 AUGUST 12, 2009

10:05 a.m.

3 CHAIRPERSON DOUGLAS: Good morning, everybody.

4 Welcome to the California Energy Commission Business

5 Meeting of August 12th, 2009.

6 Please join me in the Pledge.

7 (Whereupon, the Pledge of Allegiance was

8 received in unison.)

9 CHAIRPERSON DOUGLAS: Good morning, again. Before
10 we begin, just a brief announcement. There is apparently a
11 protest outside, organized by a lobbying group on some TV
12 Efficiency Standards that were proposed last year by the
13 Commission. I just wanted to make it clear for the record
14 that this is not being considered on today's agenda, nor
15 are we opening a rule-making on the proposed standards
16 today. The Commission has not yet set our schedule at this
17 time to consider these proposed TV Efficiency Standards.
18 Ample public notice will be given when that schedule is
19 decided. If you are a member of the public who would like
20 to speak to the Commission, please fill out a blue card and
21 give it to the Public Advisor, who is in the back of the
22 room, waving her hand. Thank you, Linda. And speakers, as
23 always, will be recognized during public comment period.

24 With that, we will begin with the agenda. Item
25 1. The Consent Calendar.

1 COMMISSIONER ROSENFELD: I move the consent
2 calendar.

3 COMMISSIONER BYRON: Second.

4 CHAIRPERSON DOUGLAS: All in favor?

5 (Ayes.)

6 That item is approved.

7 Item 2. Contra Costa Generating Station, 09-AFC-
8 4. Ms. Allen.

9 MS. ALLEN: Good morning. I am Eileen Allen,
10 Manager of the Siting and Compliance Office. I am here to
11 discuss the data adequacy for the Contra Costa Generating
12 Station. On June 30th, 2009, Contra Costa Generating
13 Station, LLC filed an application for certification to
14 construct and operate the facility called Contra Costa
15 Generating Station, which will be a natural gas-fired
16 combined cycle power plant rated at a nominal generating
17 capacity of 624 Megawatts. An air-cooled condenser is
18 proposed to provide processed cooling. A 2.4 mile-long
19 single circuit 230 kV transmission line will connect the
20 project site with the PG&E - Contra Costa Substation.
21 Natural gas will be supplied by 140-foot-long direct
22 connection with the adjacent PG&E - Antioch Natural Gas
23 Terminal. Site construction activities would commence in
24 the first quarter of 2011 and continue through a 33-month
25 construction schedule. It is currently anticipated that

1 the project would be online in commercial service by the
2 fourth quarter of 2013. The project is located in Oakley
3 in Eastern Contra Costa County at an industrial site owned
4 by the DuPont Company. It is a 22-acre project site, zoned
5 as heavy industrial and is part of a larger 500-acre DuPont
6 property. With respect to data adequacy, the project is
7 currently data inadequate in five areas: project overview,
8 air quality, cultural resources, transmission system
9 engineering, and waste management. The staff recommends
10 that the Commission find the project data inadequate at
11 this time.

12 CHAIRPERSON DOUGLAS: Thank you for that. Can we
13 please hear from the Applicant?

14 MR. WISEMAN: Good morning, Commissioners, staff.
15 My name is David Wiseman, counsel to Radback Energy. With
16 me, I have Greg Lamberg, Senior Vice President of
17 Development with Radback Energy. We agree with staff's
18 recommendation at this time. We would also like to thank
19 staff and Joe Douglas for providing us clear direction on
20 achieving data adequacy. We are preparing our responses
21 with one long lead item at this time. We are expecting to
22 have them filed on or about August 20th. So, in order to
23 give staff time to review those responses, we would request
24 being placed on the September 9th business meeting to
25 revisit data adequacy. And with that, I believe Greg

1 Lamberg would like to say a few words about Radback, as
2 well as Contra Costa Generating Station.

3 MR. LAMBERG: Thank you, Dave. Thank you,
4 Commissioners. Thank you, Eileen and thank you, staff.
5 First of all, I just want to thank Joe Douglas and his
6 team. We have a very real appreciation for the challenges
7 with regards to resources that staff deals with on a daily
8 basis, and we have not seen any of that from our side with
9 regards to their processing of their application, they did
10 a very complete and thorough job, and while we are data
11 inadequate in five areas, my list of boxes to fill right
12 now only consist of 14 items, so we are very confident that
13 we will file a complete package back to the Commission on
14 August 20th, so that we can sit before this Commission on
15 September 9th, and have your concurrence with the regards to
16 our data adequacy.

17 I just want to give you a little overview of
18 Radback Energy. We are a bunch of familiar faces with a
19 new name. Radback Energy is essentially a group of ex-
20 Calpine executives, Bryan Bertacchi is our CEO; he was the
21 Senior Vice President, Regional Director for all of
22 Calpine's Western Region operations. Our V.P. of
23 Engineering was Calpine's V.P. of Engineering, and I have
24 had quite a bit of time with Calpine. I sat before this
25 Commission a year ago as you approved the Humboldt Bay

1 Repowering Project, which I am pleased to report is almost
2 50 percent complete with construction right now. We have a
3 reputation of permitting projects in front of this
4 commission that get built and produce energy, clean
5 efficient energy for California and its citizens, and we
6 intend to do the same here with the Contra Costa Generating
7 Station. So I just want to thank you all for your
8 participation. It is a delight to be in front of the
9 Commission again, and we look forward to working with you
10 collectively and cooperatively as we move through the
11 process over the next few years.

12 CHAIRPERSON DOUGLAS: Thank you very much for
13 your comments.

14 COMMISSIONER BYRON: Well, has it really been a
15 year?

16 MR. LAMBERG: Eleven months.

17 COMMISSIONER BYRON: Well, Mr. Lamberg, thank you
18 for the background on Radback Energy, I am not familiar
19 with it, and it was helpful information; however, it would
20 seem that it is going to be necessary to move to refine
21 this application not inadequate at this point.

22 MR. LAMBERG: Understood.

23 COMMISSIONER BYRON: That was a motion.

24 CHAIRPERSON DOUGLAS: Is there a second?

25 COMMISSIONER ROSENFELD: Second.

1 CHAIRPERSON DOUGLAS: All in favor?

2 (Ayes.)

3 That item is approved. We found the data
4 inadequate. We certainly do hope to see you, of course,
5 again in the near future.

6 MR. LAMBERG: Thank you.

7 MS. ALLEN: With respect to the Applicant's hopes
8 for September 9th, I cannot say that staff will be ready.
9 We look forward to an AFC supplement on August 20th, we are
10 expecting quite a few new projects this month, so we will
11 be doing the best we can. The regulations note that the
12 Commission has 30 days to evaluate any AFC supplement from
13 the time of filing.

14 COMMISSIONER BYRON: Right. And of course,
15 yesterday, Ms. Allen reviewed with the Siting Committee the
16 myriad of applications that we do anticipate here in the
17 next month or two. Thank you.

18 CHAIRPERSON DOUGLAS: Thank you.

19 Item 3. RAND Corporation. Possible approval of
20 Amendment 2 to Contract 400-07-022 with RAND Corporation
21 for a second no-cost time extension. Mr. Miller.

22 MR. MILLER: Good morning. I am Ross Miller with
23 the Electricity Analysis Office and I am the Project
24 Manager and Contract Manager for this contract. We are
25 requesting approval of an amendment to the RAND contract

1 that will extend the term from the current end date of
2 September 2009 to March 2010. This important contract is
3 part of our long-term analytic capabilities development
4 effort. And it is an effort to demonstrate computer
5 assisted decision-making techniques for developing robust
6 energy policy strategies. One of these techniques is
7 exploratory modeling. We need the contract extension
8 because of unexpected development issues that delay the
9 completion of a key staff deliverable, the energy system
10 exploratory model. And because of that delay, RAND will
11 need the time extension to complete its final portions of
12 the contract. But the budget, the scope, and the
13 deliverables for the contract are going to remain
14 unchanged. So staff recommends that you approve the
15 contract extension. Thank you.

16 COMMISSIONER BYRON: Mr. Miller, I remember when
17 we approved this at least a couple years ago, very
18 important work that we are interested in, but I would like
19 to ask, what was the information that we were not able to
20 pull together that was needed by RAND to complete this work
21 on time?

22 MR. MILLER: Well, the contract is a structure of
23 staff deliverables and contractor deliverables, and in
24 essence, the Energy Commission staff is providing the
25 energy expertise to the project, whereas RAND is providing

1 the decision analysis expertise. So we have to work
2 together as a team in the task or sequence. So there was a
3 key deliverable and that was staff building an exploratory
4 model from the ground up. It took longer than we
5 anticipated, it was very complicated, we learned a lot
6 doing it, but we have successfully completed it. And now
7 it is being handed off to RAND for them to start the
8 decision analysis, using that model as, to use a term, the
9 scenario generator. It will create as many as you want,
10 hundreds, thousands of scenarios, which their Decision
11 Analysis software will analyze with the intent of coming up
12 with robust ensembles of different policies. And by
13 "robust," I mean -- I mean, a key to this is coming up with
14 policies that stand the test of uncertainty. A robust
15 policy is one that, given a wide range of possible futures,
16 it performs very well. So it is different than trying to
17 optimize under presumed future assumptions, which often do
18 not end up being what you had assumed.

19 COMMISSIONER BYRON: Well, we did amend this once
20 for a delay to September of this year, and now we are
21 delaying it to March of next year. Ms. Jones, could you
22 elaborate any more on the reasons for the delay?

23 MS. JONES: Yes. This is a first of a kind
24 project and, as Ross said, it is very complex. This was
25 building a model from the ground, territory that our staff

1 had never entered, working with contractors who are on the
2 cutting edge of developing new technologies, themselves.
3 So I believe that the delays are simply having to come up a
4 learning curve with different technologies, and so that is
5 where we are.

6 COMMISSIONER BYRON: Okay, well, I certainly move
7 to approve the item, but I also like to ask for a staff
8 briefing in the near future to be brought up to speed on
9 this project.

10 MR. MILLER: Certainly.

11 MS. JONES: We would be happy to do that.

12 CHAIRPERSON DOUGLAS: And, Commissioner, I did
13 benefit from a briefing on this project and I do think it
14 is an important investment in improving our staff
15 analytical capacity and helping them reach -- catch up to
16 and reach some of the cutting edge of a certain kind of
17 decision analysis that are useful in the complex and
18 uncertain environment in which we are trying to forecast
19 and trying to make energy policy, and realize energy goals.
20 So I think you will find in the briefing that the work
21 itself is quite useful. I am sure that there are multiple
22 reasons why the timing was not what we had hoped, and I
23 frankly did not go into that old briefing, or not too
24 deeply. I appreciate the questions because we like to keep
25 contracts on track.

1 MR. MILLER: Thank you.

2 CHAIRPERSON DOUGLAS: Was that a motion?

3 COMMISSIONER BYRON: Uh huh.

4 CHAIRPERSON DOUGLAS: Is there a second?

5 COMMISSIONER ROSENFELD: Second.

6 CHAIRPERSON DOUGLAS: All in favor?

7 (Ayes.)

8 That item is approved. Thank you very much.

9 Commissioner Boyd, welcome. Commissioner Boyd was
10 unavoidably delayed, but --

11 VICE CHAIR BOYD: Good morning.

12 CHAIRPERSON DOUGLAS: Item 4. I will let you sit
13 down.

14 VICE CHAIR BOYD: Thank you.

15 CHAIRPERSON DOUGLAS: Item 4. Bruce Wilcox, P.E.
16 Possible approval of Contract 400-09-001 for up to
17 \$1,104,000 over three years with Bruce Wilcox, P.E. for
18 architectural and engineering technical support to evaluate
19 the cost effectiveness of solar electric systems and for
20 development of the 2011 updates to the 2008 Residential
21 Building and Energy Efficiency Standards. Ms. Hall.

22 MS. HALL: Good morning, Commissioners. For the
23 record, I am Valerie Hall, the Deputy Director for
24 Efficiency and Renewable Energy. This contract is critical
25 to the development of our next cycle of energy efficiency

1 standards for residential buildings. We will be developing
2 both mandatory standards and reached standards that are
3 used in voluntary programs like the new Silverman's
4 Partnership in local ordinances that seek to exceed our
5 basic standards. We expect that reached standards will
6 help demonstrate good ways to achieve higher levels of
7 efficiency and pave the way towards California's policy for
8 new residential buildings to be zero net energy by 2020.
9 The contract is a result of a solicitation, Request for
10 Qualifications. And Bruce Wilcox is experienced with
11 standards of development and will lead a team of
12 consultants with the depth and breadth of knowledge that
13 the Commission requires. The contract will assist staff in
14 the critical analysis and identification of appropriate new
15 or increased efficiency features. Analysis is needed to
16 determine how such features interact with each other in the
17 building, and the cost effectiveness of those features.
18 New to this cycle of standards, staff intends to conduct
19 scenario analysis of whether a fuel cost impacts and this
20 contract will help us with that analysis. The contract
21 will also provide technical support for evaluation of the
22 cost effectiveness of solar electrical systems, Pv, to
23 determine whether or not these systems should be required
24 in newly constructed buildings. This is required under
25 Senate Bill 1. And with that, we ask your approval of this

1 contract so we can embark on the critical aspects of the
2 analysis for the next cycle of building standards.

3 VICE CHAIR BOYD: Question?

4 MS. HALL: Yes.

5 VICE CHAIR BOYD: Valerie, I may not have heard
6 you, but did you mention that this contract is awarded as a
7 result of the solicitation?

8 MS. HALL: Yes. It was as a result of a request
9 for qualifications.

10 VICE CHAIR BOYD: I knew that it was, I just
11 wanted that on the record because it is a lot of money.
12 Thank you.

13 COMMISSIONER LEVIN: I would just like to say, I
14 think this is extremely important work and something we
15 will probably need to do more of because it is an
16 ambitious, but critical goal under AB 32, and generally for
17 our climate emissions reductions, so I think this is very
18 important to move forward on. And I would move the item.

19 COMMISSIONER ROSENFELD: Second.

20 CHAIRPERSON DOUGLAS: All in -- oh, please.

21 COMMISSIONER BYRON: If I may?

22 CHAIRPERSON DOUGLAS: Sure.

23 COMMISSIONER BYRON: Does it cover built-in TV's,
24 Ms. Hall? No, actually, I am just kidding.

25 MS. HALL: As we get to zero net energy, all plug

1 loads are going to be incredibly important to be as
2 efficient as possible.

3 COMMISSIONER BYRON: Absolutely. This is --

4 COMMISSIONER LEVIN: Very well said.

5 COMMISSIONER BYRON: This is something this
6 Commission does very well and I just wanted to comment
7 before we go to it that I am very pleased to be a part of
8 this Commission because of the way that we continually push
9 on the standards area, and I see the benefit of it.
10 However, this, as you indicated, this is the first one that
11 is going to push for the reach standards, and the cost
12 benefit analysis is going to be extremely important. But
13 no one does this better than this Commission, and I
14 certainly support this.

15 CHAIRPERSON DOUGLAS: We have a motion and a
16 second. All in favor?

17 (Ayes.)

18 That item is approved. Thank you, Ms. Hall.

19 MS. HALL: Thank you.

20 CHAIRPERSON DOUGLAS: Item 5. Architectural
21 Energy Corporation. Possible approval of Contract 400-09-
22 002 for up to \$1,104,000 over three years with
23 Architectural Energy Corporation to provide architectural
24 and engineering technical support to evaluate the cost
25 effectiveness of solar electric systems and for development

1 of the 2011 updates to the 2008 Nonresidential Building
2 Energy Efficiency Standards. Ms. Hall.

3 MS. HALL: Thank you. Again, this contract is
4 critical to the development of our next cycle of Efficiency
5 Standards, this time for nonresidential buildings. Again,
6 we will be developing both mandatory standards and reached
7 standards. And we are seeking the reached standards to
8 help demonstrate ways in which good off-the-shelf
9 technologies, as well as new technologies can be used to
10 achieve energy efficiency in a cost effective manner.
11 Again, this contract is a result of a solicitation, again,
12 it was a result of a Request for Qualifications. AEC is
13 experienced with our standards development process; they,
14 too, have a team of consultants with the required
15 knowledge, again, providing both the breadth and depth of
16 knowledge that we need, and it is critical to the
17 development and analysis of the standards. As noted with
18 the residential standards, again, staff will be doing some
19 scenario analysis. This is the first time we have done in
20 our cycle a Standards Scenario Analysis. Again, we will be
21 looking at things like weather and the cost of fuels and
22 doing that analysis. And, again, we seek your approval for
23 this critical contract work.

24 COMMISSIONER BYRON: Can I save Commissioner Boyd
25 from asking the same question?

1 VICE CHAIR BOYD: Well, this time she said it.

2 COMMISSIONER BYRON: Oh, you did say it this
3 time. I note it, as well, that it from a competitive
4 solicitation. Thank you, Ms. Hall.

5 MS. HALL: Thank you.

6 COMMISSIONER ROSENFELD: I move the item.

7 COMMISSIONER LEVIN: Seconded.

8 CHAIRPERSON DOUGLAS: All in favor?

9 (Ayes.)

10 That item is approved.

11 MS. HALL: Thank you.

12 CHAIRPERSON DOUGLAS: Thank you.

13 Item 6. Lawrence Berkeley National Laboratory.
14 Possible approval of Grant PIR-08-014 to Lawrence Berkeley
15 National Laboratory for \$172,000 to analyze the effects of
16 different types of filters on the energy efficiency of
17 residential heating and air conditioning systems. Mr.
18 Scruton.

19 MR. SCRUTON: Good morning, Commissioners. I am
20 Chris Scruton with the PIER Buildings Program. And this
21 project was chosen through competitive solicitation in the
22 fall of 2008. It has been approved by the R&D Committee.
23 And the issue it proposes to investigate is that, the
24 baseline is that the standard air conditioning systems that
25 are used in residential buildings use a glass fiber filter

1 that is kind of loosely woven and it is really designed to
2 protect the coil and the fan and the duct work, not so much
3 to remove pollens and things of that nature. But
4 increasing awareness of indoor air quality issues is
5 driving people to select filters that are much more highly
6 effective at removing allergens, pollens, but also
7 potentially much more restrictive to the air flow, and this
8 could have a significant impact on the energy use of these
9 systems. So no one really knows what the effectiveness or
10 what the effect is on efficiency and air conditioning
11 systems in real houses, and that is what this proposal
12 proposes to investigate in 10 California houses.

13 COMMISSIONER LEVIN: I think this is also very
14 important work to do and especially because most of the
15 climate studies predict that we will have more allergies in
16 the future, but also more air conditioning needs. So I
17 think figuring out what the connections are between those
18 is very important and this will be beneficial, really to
19 all Californians.

20 COMMISSIONER ROSENFELD: As always, there is a
21 continuous trade-off between the air quality and energy,
22 and this is one more data point we need -- or bunch of data
23 points.

24 MR. SCRUTON: Agreed.

25 COMMISSIONER ROSENFELD: I move the item.

1 COMMISSIONER LEVIN: Second.

2 CHAIRPERSON DOUGLAS: All in favor?

3 (Ayes.)

4 That item is approved.

5 MR. SCRUTON: Thank you.

6 CHAIRPERSON DOUGLAS: Item 7. Menon & Associates.

7 Possible approval of Grant PIR-08-049 for \$800,000 for a

8 pilot project demonstrating local production of biodiesel

9 from cellulosic biomass feedstock. Mr. Koyama.

10 MR. KOYAMA: Good morning. I am Ken Koyama. I am

11 the Manager of the Energy Generation Research Office.

12 Menon is the last of our projects from our Bio Synthesis

13 Solicitations that we released back in January. This

14 product will use bacteria feeding on cellulosic feedstock

15 to produce oils that can be converted to biofuels. If

16 successful, this will help us achieve our goals for

17 producing more of our biofuels from in-state resources.

18 This amendment is also applied to DOE for ARRA funding and

19 we would request your approval of this project.

20 VICE CHAIR BOYD: Well, I would just note that this

21 project is important to both the PIER Research folks and to

22 the Transportation Fuels folks for what the future

23 potential is, so I am very supportive of this activity. I

24 will move its approval.

25 COMMISSIONER ROSENFELD: Second.

1 CHAIRPERSON DOUGLAS: All in favor?

2 (Ayes.)

3 That item is approved. Thank you.

4 Item 8. Volvo Technology of America, Inc.

5 Possible approval of Grant PIR-08-046 for \$999,970 to

6 advance new heavy-duty natural gas engine concepts. Mr.

7 Koyama.

8 MR. KOYAMA: This project is the last of our

9 Natural Gas Vehicle Solicitations that we released in

10 January. Volvo will be taking one of their large, heavy-

11 duty diesel engines and converting it to natural gas

12 operation. This conversion will use High Pressure Direct

13 Injection technology to improve the efficiency close to

14 that of diesel technologies, while reducing emissions to a

15 large extent. And, again, we would request your approval

16 of this project.

17 VICE CHAIR BOYD: Again, this project is important

18 to us with respect to diversifying our transportation

19 fuels. It is particularly interesting in the Heavy-Duty

20 area, and this Volvo and Westport, and I know Westport has

21 done a tremendous amount of work on natural gas engines,

22 and they come with a very good reputation. So I would move

23 its approval.

24 COMMISSIONER BYRON: Madam Chair, if I may. Mr.

25 Koyama, does this also have applicability to stationary

1 internal combustion engines, as well?

2 MR. KOYAMA: At this point, that is not what is
3 being tested. These engines have to be calibrated to run
4 on transient cycles, so it can go stop and go, have quick
5 acceleration, whereas in the stationary area, they are
6 operating on a fairly constant RPM and they are allowed to
7 have different rating standards, etc. So it is potentially
8 possible that they could be put into stationary
9 applications, but it may not be the most efficient use of
10 these technologies.

11 COMMISSIONER BYRON: Okay. I am just curious
12 because, obviously, additional capital associated with
13 internal combustion and gas engines is much higher because
14 of the heat content of the fuel tends to be lower, so I was
15 just curious for electrical generation if this had
16 applicability, but I understand it does not, at least at
17 this point.

18 MR. KOYAMA: Right.

19 VICE CHAIR BOYD: We have run into stationary NO_x
20 emission problems constantly with internal combustion
21 engines that are diesel and/or converted use natural gas.
22 It is a very good question and we need to do better and, as
23 you recall, as we get deeper into Biomethane, or Biogas and
24 Biomethane, we need to find all that we can to clean up
25 those engines because we are not able to deploy that

1 technology in any parts of California, and where we could
2 take advantage of the energy production potential, just
3 because of emission like this. But this one, I do not
4 think, is going to help much in that arena.

5 COMMISSIONER BYRON: Gotcha. Well, but I am sure
6 T. Boone Pickens would be very much in favor of this
7 research project.

8 VICE CHAIR BOYD: Maybe he does not like TV's, too.

9 COMMISSIONER BYRON: I will second the item.

10 CHAIRPERSON DOUGLAS: All in favor?

11 (Ayes.)

12 That item is approved.

13 Item 9. Trustees of The California State
14 University-San Diego. Possible approval of Amendment 6 to
15 Contract 500-98-014 with the Trustees of California State
16 University-San Diego, adding three years of contract
17 performance and up to \$13.75 million to continue
18 administration of The Energy Innovations Small Grant
19 Program. Mr. Gravely.

20 MR. GRAVELY: Good morning, Chairman and
21 Commissioners. I am Mike Gravely from the Research and
22 Development Division. And we are here today requesting
23 your approval for a three year extension. The Small Grant
24 Program, this program has been operating for over 10 years.
25 We consider it one of our very successful programs and it

1 provides grants up to \$95,000, it is open to all public
2 entities, researchers, small business, large business, and
3 entrepreneurs. The ultimate goal is to bring new
4 innovative technologies to California. The grants must
5 address the needs of California and the policies in
6 California. We found over the last 10 years that 85
7 percent of the funds from this program does, in fact,
8 result in business revenue in California. Again, over the
9 last 10 years, we found that over 45 percent of the grant
10 recipients that we select actually have a product or a
11 technology of interest, that it gets follow-on funding; we
12 have actually been fortunate enough to have over \$200
13 million in follow-on funding being awarded to the Grantees
14 that we have awarded these grants to, so we find that these
15 are very successful prospects and projects for new
16 innovative technologies. On an annual basis, we will do
17 four or five competitive solicitations, which generally
18 there is always one open for people who want to apply. We
19 will typically get anywhere from 20 to 40 opportunities or
20 proposals on a typical round, and we will award eight to 10
21 on a given round. So today, this will give us the
22 opportunity to continue to run this program for three more
23 years, and we think it has a huge opportunity for
24 California. I ask your permission and I am glad to answer
25 any questions.

1 CHAIRPERSON DOUGLAS: Question?

2 COMMISSIONER BYRON: Well, not really a question.
3 I just -- I believe I discussed this before, but I had an
4 opportunity a couple of months ago to go down to San Diego
5 and attend a day of the evaluation process. I did not
6 participate, there was some concern that there might be a
7 conflict of interest if I had; however, I did observe it
8 and I was very keen to see where our, you know, the
9 breeding pool is for all this innovation and small grant
10 work. I was very impressed. I was impressed with the
11 quality of the proposals, I was impressed with the quality
12 of the reviewers, how serious they took their job, and of
13 course, I have used them as examples in a number of
14 presentations, just one last week, as well, at the Clean
15 Tech Conference in Southern California, a number of the
16 results from these smaller grant programs. Now, this is
17 clearly the diamond mine and R&D gets all the interesting
18 projects. And I think, Mr. Gravely, your program is very
19 interesting over the last year or two, seeing all the stuff
20 that has been coming out of it. So I -- this is just
21 another one of the many good things I think we do, and I am
22 certainly in favor of continuing this program. I think it
23 is important work for California.

24 VICE CHAIR BOYD: Well, I have sung the praises of
25 this program quite a bit in this forum, and I knew we had a

1 newcomer recently, and Commissioner Byron was somewhere, so
2 I bit my tongue knowing he would venture forth on that.
3 Why don't you make the motion?

4 COMMISSIONER BYRON: Oh, I certainly would. I move
5 approval of that.

6 VICE CHAIR BOYD: I just seconded it.

7 CHAIRPERSON DOUGLAS: All in favor?

8 (Ayes.)

9 That item is approved.

10 Item 10. Employment Development Department.
11 Possible approval of Contract 150-09-01 for \$15 million to
12 the Employment Development Department to conduct a
13 solicitation for regional workforce development
14 partnerships under The Clean Energy Workforce Training
15 Program. Ms. Graillat.

16 MS. GRAILLAT: Good morning. I am Chris Graillat
17 and I am the Project Lead for the Workforce Development.
18 We are requesting approval of an interagency agreement with
19 the Employment Development Department to conduct a
20 solicitation for a proposal for the development of regional
21 workforce development partnerships under The Clean Energy
22 Workforce Training Program. Funding for the solicitation
23 is from four sources: \$15 million from ARRA funds, the
24 American Recovery and Reinvestment Act, \$3.5 million from
25 AB 118, which is the Alternative and Renewable Fuel and

1 Vehicle Technology Program, \$5 million from Workforce
2 Investment Act funds, and an additional \$23 million in
3 public private partnership matching funds. The program
4 focuses on job skills for building retrofits, utilities
5 skill and distributed renewable energy generation,
6 transmission, and distribution infrastructure -- if you got
7 enough adjectives in there -- and clean transportation, and
8 will train the workforce that the state needs to achieve
9 our energy goals in California. The program has numerous
10 partners from the public, private, and nonprofit sectors.
11 And, particularly, we are working closely with the Green
12 Collar Jobs Council, which was created by the Green Collar
13 Jobs Act of 2008 to develop a Green Workforce Development
14 Plan for the state. The Council is convened by the
15 California Workforce Investment Board and is composed of
16 representatives from state agencies, private industry,
17 community organizations, labor organizations, education,
18 and other organizations. We have chosen to leverage the
19 existing program into the structure at workforce and
20 educational agencies, rather than to invest in becoming yet
21 another workforce agency ourselves. And the partnerships
22 that have developed out of this effort have been very
23 beneficial to our goals, both from an institutional, as
24 well as a financial perspective. So we request your
25 support for this important endeavor.

1 COMMISSIONER LEVIN: Can I ask a question? I may
2 have misunderstood. We are being asked to approve \$15
3 million of ARRA funds, but when you gave the budget
4 breakdown, it sounded like only \$3 or \$4 million of the
5 funding that you discussed was from ARRA funds, and the
6 remainder was from AB 118 and other pots. Can you please
7 clarify?

8 MS. GRAILLAT: No, \$15 million is from ARRA, I am
9 sorry, maybe I was not clear on that.

10 COMMISSIONER LEVIN: It was -- could you read the
11 breakdown again?

12 MS. GRAILLAT: Sure. It is \$15 million from ARRA,
13 \$3.5 from AB 118, and then \$5 million from Workforce
14 Investment Act, and then there is a \$23 million match for
15 those amounts.

16 COMMISSIONER LEVIN: Okay, thank you. And then my
17 second question is just, for the ARRA funds, do we have a
18 plan in mind for how we will quantify energy savings from a
19 training program? Or do we need to for this sort of a
20 program?

21 MR. HUTCHISON: Mark Hutchison. We recognize that
22 there will not be any energy savings from this component of
23 the SEP Program, and we identified that in our application
24 with the U.S. Department of Energy, and we think we have
25 got a pretty robust energy savings package with the rest of

1 the funds, and the programs that they will embark on, that
2 they will more than make up for the energy savings we will
3 not accrue with the workforce training.

4 COMMISSIONER LEVIN: And so, just to follow-up, by
5 including that in the application, presumably, then, DOE
6 has approved of this without an expectation of energy
7 savings, quantified at the end?

8 MR. HUTCHISON: Yes. In fact, in discussions with
9 them, they were very supportive of the workforce training.

10 COMMISSIONER LEVIN: Okay, thank you very much.

11 VICE CHAIR BOYD: Well, I think we recognize that
12 the overall objective of the whole economic stimulus
13 activity in ARRA is jobs, job development. And this effort
14 is to try to prepare people to do jobs, many of which will
15 be in the energy area, and advanced energy areas in
16 California, and I think there is a pretty strong
17 correlation between what it is we are trying to do with our
18 energy savings activities and what we are trying to do to
19 meet the original goal of jobs, and having the workforce
20 being able to handle these jobs. So I think staff has done
21 a very admirable job with pursuing those objectives.

22 COMMISSIONER BYRON: Uh huh.

23 CHAIRPERSON DOUGLAS: I agree. I think this kind
24 of investment in workforce and workforce training is a
25 tremendous investment in California's future in terms of

1 policy direction, we have been -- we, the Energy
2 Commission, and we, the State of California -- have been
3 pushing very hard in the direction of the Climate Policy
4 Clean Energy Policy and we need to make sure that the
5 workforce is in place to be able to step up and have the
6 people, the workers we train here, whether they are high
7 school graduates in the community college level, workers --
8 existing workers being retrained, unemployed, under-
9 employed, to have the opportunity to get skills to step
10 into these new developing growth sectors of the economy
11 really make their contributions exciting. And it is an
12 important investment for the future. I am pleased that DOE
13 has clearly signaled that and recognize that not everything
14 we do may have the immediate energy savings, but some of
15 these investments are critical to the health of this sector
16 of the economy.

17 VICE CHAIR BOYD: But I will be the first to say
18 that I worry a lot that -- this component of the program is
19 doing quite well, but I am not so happy about the snail's
20 pace with which other parts of the program are going, the
21 DOE program, and thus some of our programs, that would
22 develop the industries and the businesses that would
23 produce the jobs for which we are training people. So I
24 hope we are travelling on parallel rails and tracks, and
25 one is not getting out in front of the other. And I have

1 said this before, I am greatly concerned that we will
2 develop a workforce for jobs we have not created, and we
3 have to really push hard to get those businesses developed
4 to create the jobs, it goes hand in glove. Having said all
5 that, I will move the approval of this item, of which I am
6 very positive about.

7 COMMISSIONER BYRON: Madam Chairman, I would like
8 to compliment staff. I know that you have been working
9 feverishly. There has been a lot of good thought and
10 creativity that has gone into this, and management in terms
11 of leveraging these funds, maximizing, trying to get them
12 out the door as quickly as possible, so I really applaud
13 all of your efforts. I note that the training program is
14 to provide services to the unemployed and the under-
15 employed workers, and I was just wondering, I have got some
16 time on Fridays. Do you think I would be eligible for any
17 of this training?

18 MS. GRAILLAT: Contact your local Workforce
19 Investment Board.

20 COMMISSIONER BYRON: So I will second the item.

21 VICE CHAIR BOYD: I have got a ditch -- no...

22 CHAIRPERSON DOUGLAS: All in favor?

23 (Ayes.)

24 Thank you again. I will just note here our
25 appreciation to our partners at the Workforce Investment

1 Board, EDD and other state and regional agencies who have
2 worked very closely with you.

3 MS. GRAILLAT: Thank you.

4 CHAIRPERSON DOUGLAS: Thank you.

5 Item 11. Informational Item: American Recovery and
6 Reinvestment Act - Status Report. Mr. Hutchison or -- ?

7 MR. HUTCHISON: Yeah, I will go ahead and start
8 this off. Mark Hutchison again with the Executive Office.
9 Joining me here today is our ARRA guru, John Sugar, with
10 the Office Management with the Special Projects Office.

11 I wanted to take a few minutes and provide a status
12 on a couple of what we call the Phase I programs for the
13 State Energy Program that fall under the American Recovery
14 and Reinvestment Act. These programs are included in draft
15 guidelines that are scheduled to be posted late next week
16 for approval and adoption at the Commission Business
17 Meeting in late September. These two programs are the DGS
18 Revolving Loan Program and the SEP ARRA ECAA Loan Program.

19 We anticipate beginning these programs shortly
20 after the Program Guidelines are approved and we wanted to
21 take this opportunity to make sure that local governments
22 are aware, in particular, of the ECAA Loan Programs, so
23 they can consider this program when developing their
24 Applications for the Block Grant Program, and determining
25 how their grant funds might leverage our ECAA funds to fund

1 larger energy efficiency projects. So the DGS Revolving
2 Loan Program, as identified in the Agenda, to trail the
3 Bill language, Chapter 11, Statutes of 2009 established a
4 revolving loan program to be administered by the Department
5 of General Services. The legislation also authorizes the
6 transfer of \$25 million in ARRA funds into the new loan
7 fund. DGS will provide low interest loans to state
8 buildings for energy efficiency retrofits, focusing on
9 efficiency energy conservation, energy use, cost savings
10 and cost avoidance.

11 The initial program funding, or the first cycle,
12 will focus on those projects that can achieve the most cost
13 effective energy savings with a short payback period,
14 creating jobs and quickly recycling funds for additional
15 loans. The loans will be paid back through utility energy
16 savings. DGS is planning to charge a nominal interest rate
17 to cover the cost to operate and administer the program.

18 Staff is currently working with DGS to finalize an
19 interagency agreement that defines roles and
20 responsibilities of departments, as well as tasks,
21 deliverables, and federal and state reporting requirements.
22 The interagency agreement is planned to come soon to a
23 future Business Meeting, hopefully in the next two to four
24 weeks.

25 The second program is the Energy Conservation

1 Assistance Account Loan Program. We are looking to
2 allocate up to \$25 million in ARRA funds for low interest
3 energy efficiency renewable energy loans to local
4 jurisdictions. This program would compliment the existing
5 ECAA loan program. The eligible entities include public
6 schools, public hospitals, public care institutions, and
7 units of local governments. Loans will be paid back
8 similar to the DGS Program, through energy cost savings,
9 resulting from the project. We are planning to offer low
10 interest 1 percent loans to eligible entities. These low
11 interest ARRA fund loans will only be available to local
12 jurisdictions and not facilities owned by the state, so
13 that way we will not be competing with the DGS Revolving
14 Loan Program. And staff expect a significant level of
15 interest, and we think that the money will move fast and
16 possibly looking down the road to figuring out if perhaps
17 additional funds may be needed to funnel into this program.
18 And with that, Mr. Sugar and I are available for any
19 questions.

20 COMMISSIONER LEVIN: I would just like to say thank
21 you to the staff for such an incredible amount of really
22 top quality work in a very short timeframe, and with a lot
23 of limitations. I think we are all just incredibly
24 appreciate of the work that you all have been doing. Thank
25 you.

1 VICE CHAIR BOYD: I would like to add to that and
2 agree with all that Commissioner Levin said. I do know
3 that this program has put a tremendous workload pressure on
4 the staff, and in otherwise trying times, so it has been
5 compounded and I, too, appreciate it, and I think we all
6 do, all that the staff has done. It has been difficult for
7 many Commissioners because these programs cut across all
8 policy committees, all activities of the organization, and
9 many of us do not get the opportunity to go very deep into
10 what is going on in this program in the context of
11 committee hearings. So I would commend the staff for this
12 informational item on the agenda today. I would encourage
13 more informational items like this in the future on these
14 high flying, rapidly developing, cross-cutting programs
15 that we do not get to know enough about, as we sit in our
16 two-person committees. So, thank you for doing this today
17 and I would suggest that, for this program, and for
18 progress that gets planned, we will probably do a few more
19 of these. It does not take a lot of time and I think it is
20 important for us to know this. So kudos and suggestions
21 that we do more.

22 COMMISSIONER ROSENFELD: That is right. It is a
23 thousand hours of their time to brief us in one hour. John
24 Sugar and Mark Hutchison are handling contracts they
25 [inaudible] just read. So commendations all over the

1 place.

2 MR. SUGAR: Thank you.

3 MR. HUTCHISON: Thank you.

4 CHAIRPERSON DOUGLAS: Thank you very much.

5 Item 12. Minutes. Approval of the July 29, 2009
6 Business Meeting Minutes.

7 COMMISSIONER ROSENFELD: I move the Minutes.

8 COMMISSIONER LEVIN: Second.

9 CHAIRPERSON DOUGLAS: All in favor?

10 (Ayes.)

11 VICE CHAIR BOYD: I am abstaining as not being
12 present.

13 CHAIRPERSON DOUGLAS: Minutes are approved, with
14 Commission Boyd abstaining.

15 Item 13. Commission Committee
16 Presentations/Discussion.

17 VICE CHAIR BOYD: Seeing no volunteers, I will
18 mention one thing that just occurred yesterday. I helped
19 kick off the second ever and second Annual Plug-In Hybrid
20 Electric Vehicle Conference held, well, in this country and
21 specifically in California this year in Long Beach. Mayor
22 Foster of Long Beach, once a former employee of this
23 organization -- smiles in the audience -- Mayor Newsom, who
24 is becoming very well known, from San Francisco, and
25 several others of us were involved in the initial

1 beginnings and panels. I was astounded by the size of the
2 audience. It was huge. And I was very pleased with what
3 little I was able to hear yesterday, lots of interesting
4 discussions were going on last night, today, and tomorrow.
5 And I was impressed with my quick walk-through, through the
6 technology exhibit with the technology and enthusiasm.

7 Coincidentally, General Motors chose yesterday to
8 reveal to all of us what those weird ads were in the
9 newspaper for a few days, with the two, the three, and the
10 kind of round plug, and the green background ad that you
11 may or may not have seen; well, yesterday they announced
12 that the Volt, which they featured more widely, is rated by
13 USEPA city mileage at 230 MPG, and thus the background for
14 that advertisement. There was a Volt platform on display,
15 not the whole vehicle, but the platform on display
16 yesterday, and I noticed on national news last night that
17 it was featured, and people -- unfortunately, not yours
18 truly -- were interviewed about that vehicle and about the
19 whole future of these kinds of vehicles. So it pleases me,
20 and I think it should please this Commission, we kind of
21 stuck our neck out a little bit on plug-in hybrid electric
22 vehicles. In the 2005 IEPR, a lot of work went into
23 alternative transportation technologies, and we chose to
24 feature fairly significantly the potential plug-in hybrids,
25 and then this agency put its money where its mouth is and

1 created the Plug-In Hybrid Electric Vehicle Research Center
2 at U.C. Davis, which was prominently featured yesterday, as
3 well. And so this is a technology, and I know there are
4 lots of debates about technologies, and we are technology
5 neutral, favoring a diversified portfolio of fuels and
6 technologies, but this is one that really seems to play a
7 role in the nation's future and has stimulated a lot of
8 development and a lot of technology, and who knows what.
9 We need to look for opportunities to capture some of that
10 technology and maybe the development and production of
11 those kinds of technologies in vehicles here in California.
12 But it was quite interesting and actually quite pleasantly
13 surprising to me to see so much activity. This was no
14 small -- I mean, there must have been a minimum of 500
15 people in the audience yesterday morning for the session.
16 So this is something that we have done well as an
17 organization and you should feel good about it.

18 COMMISSIONER BYRON: Mr. Boyd, I am not
19 technology neutral on this. Did you bring any brochures
20 back? I am ready to buy a plug-in hybrid.

21 VICE CHAIR BOYD: Well, had I known, I would have
22 distributed your card to some of the salespeople.

23 COMMISSIONER LEVIN: I would just like to boast
24 on behalf of the Energy Efficiency Committee, the presiding
25 member of that Committee, Commissioner Rosenfeld, who has

1 already contributed many lifetimes worth to energy
2 efficiency and climate solutions, but just in recent weeks
3 has really launched a whole new very promising issue into
4 the public's mind, and that is white roofs, cool roofs, not
5 just because of their potential savings for air
6 conditioning, but more importantly because of their
7 reflective value. We know they are not going to solve all
8 of climate change, or energy problems, but Commissioner
9 Rosenfeld continues to leave no stone unturned, and because
10 of his incredible knowledge, and track record, and
11 reputation, he has been very very successful spreading the
12 word. Just in the last few weeks, he has been mentioned on
13 the John Stewart show, and in the New York Times, and this
14 week, if you pick up Time Magazine, he has the first quote
15 on the verbatim page, upper left hand, very prominently, so
16 he is, as usual, spreading the word in his very inimitable
17 and respectable style, but very very successfully letting
18 the world know that there are other climate solutions out
19 there. And I am so proud and so grateful that he continues
20 to do this.

21 VICE CHAIR BOYD: Commissioner Rosenfeld started
22 with pebbles and then has been turning over stones and he
23 finally turned over a very large one named Secretary Chu.
24 He picked up his crusade and, finally, you are really
25 making points out there.

1 CHAIRPERSON DOUGLAS: And Commissioner, maybe you
2 could inform some of our audience what you actually did say
3 to Time Magazine.

4 COMMISSIONER ROSENFELD: Julia, I was going to
5 say it was a quote or a misquote. But it was a quote after
6 Secretary Chu talked about white roofs to a group in London
7 and Rome, and the idea is, of course, that white roof makes
8 sense for a building underneath. The roof, if it is air
9 conditioned, it saves air conditioning load, if is a new
10 building, you can downsize your air conditioner 10 percent
11 up for the roof -- for the floor underneath the roof. But
12 if it is not air conditioned, it makes the building more
13 comfortable and commands more rent. The thing that is new
14 is to calculate how much carbon dioxide emissions from an
15 air conditioned building it offsets, that is, the heating
16 effect of carbon dioxide can be compared with the cooling
17 effect from a roof which does not degrade and get hot, and
18 have the heat trapped, but instead reflects the heat
19 actually transparently, and atmosphere puts it back into
20 space like a greenhouse, the opposite of a greenhouse. And
21 a single roof is a pretty small effect. For years, we
22 thought, well, one white roof will cool the world by so
23 many nano degrees, and that is not an easy sell. But some
24 friends in the climate business pointed out that you do not
25 have to figure it out in nano degrees, you can figure out

1 how many tons of CO₂ heating load the roof offsets, so the
2 word is they will offset not through a roof, but that is a
3 communications problem which we are dealing with all the
4 time. Anyway, it is really true that if we can get bio Dy
5 roofs raised, then we would save many -- offset many
6 billions of tons of CO₂. It is like turning the world off
7 for a year. Now, that is not a solution when you have got
8 a 100-year problem, it is a small effect that way, but it
9 is -- if we can sell this idea internationally, it is
10 equivalent to turning off something like half the cars on
11 the road in the world for like a 20-year program. So it is
12 Geoengineering 101. Geoengineering is a pretty serious
13 field. The Arctic is falling pretty fast. This would be
14 equivalent worldwide through moving the surface like what
15 we have already lost in the Greenland Ice Cap. So keep on
16 pushing.

17 COMMISSIONER LEVIN: So Secretary Chu has called
18 Commissioner Rosenfeld one of his greatest heroes, one of
19 his local heroes, he uses a bunch of different terms; I
20 think, many many many of us would second that.

21 VICE CHAIR BOYD: Indeed.

22 COMMISSIONER ROSENFELD: Well -

23 VICE CHAIR BOYD: And whitewash is so
24 inexpensive. Those Greek Islanders discovered it centuries
25 ago.

1 COMMISSIONER LEVIN: As it appears, well,
2 anyhow...

3 COMMISSIONER ROSENFELD: Okay, thank you very
4 much, Commissioner.

5 CHAIRPERSON DOUGLAS: Any other announcements
6 before -- we will move on, then, to Item 14.

7 Item 14. Chief Counsel's Report.

8 MR. CHAMBERLAIN: I have no report today, Madam
9 Chair.

10 CHAIRPERSON DOUGLAS: Item 15. Executive
11 Director's Report.

12 MS. JONES: Good morning, I would just like to
13 add a little bit more information than the two
14 informational items you have already heard on Air
15 Activities. To update you on the State Efficient Appliance
16 Rebate Program Application, it is due this week. The
17 Energy Commission will be submitting it this week to the
18 Department of Energy. It is a \$32.5 million amount to
19 develop and implement an Energy Star Rebate Program. Staff
20 are talking with the various parties, investor-owned
21 utilities, the publicly owned utilities, to begin shipping
22 the program. Staff is also looking into options to
23 administer this program, so you will be hearing more about
24 this.

25 In addition, we are holding our last

1 informational workshop on ARRA funds for the State Energy
2 Program and the Energy Conservation Block Grant Programs.
3 There will be -- this last workshop will be held in Los
4 Angeles on Friday, August 28th. Staff is working on the
5 final proposed guidelines for each program that will be
6 posted later this month for 30-day review, with adoption of
7 the Guidelines occurring at a Commission Business Meeting
8 in mid-September. So we are making progress there.

9 One additional item that just came to my
10 attention is that Secretary Chu this morning just announced
11 awards for \$38 million for grid emergency preparedness, and
12 it is our understanding at this point that California has
13 received \$3.572 million and our application went in in late
14 July, so that is good news. More money coming to
15 California.

16 CHAIRPERSON DOUGLAS: Thank you, Ms. Jones. And
17 on this item, as well, we would also like to note the
18 Commission will be meeting in closed session today at 3:00
19 to discuss personnel items, actually a continuation of a
20 past topic that we have been discussing. Anything else?
21 Any other questions on this? Very well.

22 Item 16. Public Advisor's Report.

23 MS. MILLER: Normally at this time I announce
24 events that are coming up and there will be two site visits
25 in September at tentative dates, but I am going to wait

1 until those are confirmed for those to be announced at the
2 next business meeting. Rather than go that route, I am
3 going to announce to the Commissioners that have not heard
4 the news, that I will be leaving the Energy Commission at
5 the end of this month. I want to say that it has been a
6 pleasure to be the Public Advisor for this organization and
7 it has been just over a year since my appointment, and I am
8 leaving with a heavy heart because there is much work going
9 on in this building and much more work coming through the
10 doors in the form, in particular, of solar projects. I
11 think that there is a tremendous opportunity for public
12 outreach to aid in that endeavor, and I cannot stress
13 enough to this Commission that I think that my office can
14 certainly help. I have enjoyed doing this work, it is
15 difficult work, it is challenging, but I hope that the next
16 person that comes in after me enjoys it as much -- nearly
17 as much as I have because it is a tremendously rewarding
18 job. And so I want to say thank you. It is an honor. And
19 I will be going to another resources organization, so I
20 will remain in the agency. I will be joining the
21 Department of Conservation in their Division of Oil and Gas
22 and Geothermal as the state's Oil and Gas Supervisor. That
23 is all. Thank you very much.

24 COMMISSIONER BYRON: Ms. Miller, sorry to see you
25 go. You have been a great addition. I am glad, however,

1 to see you are not leaving state service, but it is
2 certainly a blow to this Commission, and we will need to
3 scramble to fill your shoes. But thank you for your one
4 year of service, I wish it were 20.

5 MS. MILLER: Thank you, Commissioner. I
6 appreciate that.

7 VICE CHAIR BOYD: And I am glad you clarified
8 that it had nothing to do with that crowd out on the
9 corner.

10 MS. MILLER: I have not endeavored to work with
11 the people on the TV Standards, as you know, Commissioner
12 Boyd. Most of my work has to do with the power plant
13 cases. But thank you.

14 COMMISSIONER BYRON: You will be at the siting
15 meetings in September, though. Right?

16 MS. MILLER: I will not. One of them will most
17 likely be at a refinery, and so I will watch with interest,
18 but I will not be at that event.

19 CHAIRPERSON DOUGLAS: Well, we are all sorry to
20 see you leave and we all really appreciate everything you
21 have done to help put the Public Advisor's Office on a very
22 strong footing to develop new materials, develop bilingual
23 materials, help us strengthen connections between the
24 Public Advisory's Office staff and the Hearing Office, and
25 all the many things you do behind the scenes, in addition

1 to communicating and assisting the public, and taking part
2 in our process. So you will be missed and, at the same
3 time, we will carry on and we will find somebody who
4 hopefully will enjoy this work as much as you do, and do it
5 with the same spirit that you do it. So thank you.

6 MS. MILLER: Thank you, Chairman.

7 VICE CHAIR BOYD: You will be missed.

8 COMMISSIONER LEVIN: Thank you and good luck.

9 MS. MILLER: Thank you, I appreciate it.

10 VICE CHAIR BOYD: You will be missed and you have
11 only been here a year, and it was with a heavy heart that
12 Director Luther, who I know quite well, and she called me
13 at length about you, and I really could have tooted the
14 whole thing, but -- unfortunately for us, but fortunately
15 for you. I told her what a great asset you have been to
16 us. In some little way, I did not get in the way of your
17 future, I hope. In any event, we look forward to working
18 with you in your new capacity and I will say, one of my
19 grievances as the Commissioner, and even before
20 Commissioner, that there has not been enough interaction
21 between DOGGR and this agency, and I will go so far as to
22 say, several years ago, under another Governor, I suggested
23 moving DOGGR to this agency. The old Administrator did not
24 like that at all, but we do need a closer relationship
25 between communication. And with you there, and

1 understanding us, I will look forward to that because these
2 are energy areas, and each of us has data and information
3 that will help the other, and I think we need a better
4 dialogue than I suggested was in the past. So that is our
5 gain.

6 MS. MILLER: Thank you. I welcome and agree with
7 you wholeheartedly. As odd as it sounds, I came to the
8 Commission from the Department of Corrections, and though
9 that seems so far removed from where I sit now, in fact,
10 there are similarities, and I think that right now it will
11 help all of us to make the improvements that we need in our
12 state and in our government if we work together, and the
13 tie to Corrections is the solar panels going on in the
14 institutions, by the way. I see Commissioner Levin smiling
15 sort of in bewilderment, but there is a move to put solar
16 panels on the institutions.

17 COMMISSIONER LEVIN: I was just thinking you were
18 going to pull it altogether with Geothermal and solar power
19 and state prisons. And we will be connected to all of
20 that.

21 MS. MILLER: We will see, but I look forward to
22 getting phone calls and e-mails from people here. So thank
23 you.

24 COMMISSOINER ROSENFELD: I want to say, of
25 course, I have not had the pleasure of working with you

1 nearly as closely as the people who -- the Commissioners
2 who spend half their lives on siting cases, to which I am
3 eternally grateful. And it seems to show that having an
4 admirer in the form of Jim Boyd is a good thing to have.
5 So wish you Godspeed.

6 MS. MILLER: Thank you, Commissioner Rosenfeld.
7 I appreciate it. Thank you.

8 CHAIRPERSON DOUGLAS: Thank you, Elena.

9 Item 17. On to Public Comment. I have no blue
10 cards at this point. Is there anyone in the audience who
11 wishes to fill out a blue card, or wishes to speak? With
12 that, then, the next meeting is --

13 MS. JONES: It is not -- we have one more thing
14 that we wanted to do which is the Superior Accomplishment
15 Awards.

16 CHAIRPERSON DOUGLAS: I remembered that and I
17 thought it was in Item 15, and then I thought where did it
18 go? Very good. Superior Accomplishment Awards, please.

19 MS. JONES: Okay, so I am going to have Larry
20 Smith come on up and he is our CIO, so he is in charge of
21 all of our IT, and there are three people who -- go ahead
22 and stand at the podium -- there are three people who are
23 being honored in the IT services, and so, as I announce
24 your name and say a little about you, if you will come up
25 and stand next to Larry.

1 COMMISSIONER BYRON: Ms. Jones, could you just
2 give a brief summary of the purpose of the Superior
3 Accomplishment Awards?

4 MS. JONES: Sure. The Sustained Superior
5 Accomplishment Awards and the Superior Accomplishments
6 Awards are awards that we are allowed to give each agency,
7 it is a statewide program that each agency is allowed to
8 give to its exceptional employees. The Sustained Superior
9 Accomplishment is for more than one year of work on a
10 particular project or some particular major milestone that
11 the Commission is working on, and the Superior
12 Accomplishment Awards are at the Gold and the Silver level,
13 and there again for service beyond, but over a one-year
14 period. So annually, we do this. So that is sort of the
15 background.

16 And the first recipient of the Sustained Superior
17 Accomplishment Award -- and I should mention that the
18 agency is only allowed to give five of these awards. Our
19 first is Sharon Jane Matthews. Sharon Jane has provided
20 sustained exceptional value to the Energy Commission for
21 managing, overseeing, and completing multiple projects,
22 while at the same time providing excellent customer support
23 for our day-to-day operations. Along with her project
24 participation, and I will not list all the projects she has
25 been involved in, but Sharon Jane provided exemplary

1 leadership to the IT Services, operational needs for the
2 Energy Commission. Without Sharon Jane's effort, both the
3 completion of projects and our customer service support
4 would have been put at risk. And we thank you very much,
5 Sharon Jane.

6 MS. MATTHEWS: You are welcome. [Applause.] I
7 would just like to thank Larry for nominating me, and to
8 thank all of the IT staff. We have a really strong team
9 and I really appreciate working with all of them. Thank
10 you.

11 VICE CHAIR BOYD: Thank you.

12 MS. JONES: Okay. Our next award is the Superior
13 Accomplishment Award, and it goes to Steve Bonta. Steve
14 Bonta's implementation of WebEx conferencing services
15 provides the Energy Commission staff with a multitude of
16 automated meeting alternatives. I think all of you have
17 participated in WebEx in one way or another. Without
18 Steve's extraordinary efforts, the Energy Commission would
19 have experienced less participation and attendance, and so
20 we are very grateful that we can reach out more to the
21 public through the WebEx services, and that we can cut down
22 our travel costs, and everything else that goes along with
23 it. So congratulations, Steve. [Applause.]

24 VICE CHAIR BOYD: Very good.

25 CHAIRPERSON DOUGLAS: Of course, we are very

1 familiar with WebEx and I believe some of our stimulus
2 workshops have tested the system to the max.

3 COMMISSIONER LEVIN: Steve, I used our Webinars
4 before coming to the Commission as a stakeholder, and since
5 coming to the Commission, and they are indispensable and
6 work flawlessly the vast majority of time. And in addition
7 to the travel savings, there are the emissions savings that
8 we receive from using it, so this is really important.
9 Thank you.

10 MR. BONTA: Sure. I will just mention, you
11 probably like the stats that, for the kick-off meeting back
12 in March for the ARRA, we had over 2,000 participants
13 online and, from what we could identify, people from over
14 30 states and three foreign countries.

15 COMMISSIONER ROSENFELD: My goodness.

16 COMMISSIONER LEVIN: Have we calculated the
17 emissions savings?

18 MR. BONTA: Well, we are working on an assumption
19 basis for that.

20 VICE CHAIR BOYD: Can I offset some of my travel?

21 MS. JONES: Okay. And our third recipient from
22 IT is Tony Woo and he gets a Superior Accomplishment Award.
23 Tony's contributions and diligent effort in completing
24 multiple network projects is to be rewarded. These
25 projects included firewall upgrades, uninterruptable power

1 supply, and storage management software. The projects that
2 he has implemented have resulted in a ten-fold increase in
3 efficiency in restoring deleted files and directories.

4 Without Tony's diligence and expertise, the project teams
5 would have been hard pressed to complete their projects
6 within project schedules. So, thank you, Tony.

7 [Applause.]

8 MR. WOO: Thank you.

9 MS. JONES: Do Commissioners want to take photos?

10 COMMISSIONER BYRON: Absolutely.

11 MS. JONES: Okay. [Photographs are taken]

12 MS. JONES: Okay, I am going to give out the --

13 COMMISSIONER BYRON: Ms. Jones? Before you do,
14 thank you very much for bringing these awards to us. I
15 think it is just wonderful that the staff gets some
16 recognition for all the hard work they do. And, of course,
17 these are the high achievers, but I note that they are also
18 well regarded by their peers. So I appreciate your
19 bringing this forward to us, and I hope there will be more.

20 MS. JONES: There will be. There will be a few
21 more today, and then we will be bringing more at the next
22 couple of business meetings.

23 COMMISSIONER BYRON: Oh, okay.

24 MS. JONES: So from the General Counsel's Office,
25 we have two of our attorneys who have been selected for

1 Superior Accomplishment Awards. First, we have Bill
2 Staack. There is Bill. Bill is an attorney for several
3 Appliance Sufficiency rulemakings that involved uncommonly
4 difficult legal and technical issues. Because of his
5 unusual background as both a lawyer and an engineer, his
6 persistence and his ability to bring opposing parties
7 together, Mr. Staack facilitated a successful resolution of
8 those issues in those rulemakings. As a result, the
9 Commission adopted several important Efficiency Standards
10 for pool pumps, external power supplies, and lighting,
11 which will save billions of dollars and reduce the
12 emissions of global gas warming every year. So thank you,
13 Bill.

14 MR. STAACK: Thank you. [Applause.] I just want
15 to thank Chief Counsel and Jonathan Bles, my immediate
16 supervisor, for allowing me to do my thing, which is both
17 engineering and legal. So thank you for letting me do
18 that.

19 MS. JONES: Thank you, Bill. If you will just
20 stay there for a minute.

21 MR. CHAMBERLAIN: If I could just add, I am
22 particularly grateful to Bill, who recently saved me from a
23 forest fire. I was coming out of the mountains and he hung
24 around after the fire people had told him he needed to
25 leave because I was still coming down very slowly with my

1 wobbly knees, and he stated there until I managed to make
2 my way out, and I am very appreciative.

3 MS. JONES: Okay.

4 VICE CHAIR BOYD: Thank you, Bill, for looking
5 out for Bill.

6 MS. JONES: Absolutely, otherwise he might not be
7 here today! All right, our second recipient is Allan Ward.
8 Allan, if you would come up. Allan Ward received the
9 Superior Accomplishment Award for his outstanding legal
10 services to the PIER Program, particularly for his skillful
11 and persistent negotiations with UC over a long and
12 difficult contract. His legal creativity in helping the
13 staff develop a solicitation tailored to PIER's needs, and
14 his invaluable knowledge and experience with the PIER
15 Program. So thank you, Allan. [Applause.]

16 MR. WARD: I just wanted to say that I enjoy
17 working here at the Commission because the purpose the
18 Commission serves, and I also enjoy working in the legal
19 office, even though it can be a very stressful and hard
20 area to work in. Bill Chamberlain and the rest of the
21 Management have made it a very enjoyable place to work.

22 COMMISSIONER BYRON: Stressful in the mountains
23 or stressful in the Commission?

24 MR. WARD: Both.

25 MS. JONES: So if you go to the podium, we will

1 take a picture. Okay, and then our last set of awards are
2 from our Energy Research and Development Division. We have
3 several recipients. Our first recipient is Norm Bourassa.
4 And Norm is being recognized for his superior role in
5 leading the Public Interest Energy Research Program efforts
6 on all building related activities. He developed a
7 solicitation process for streamlining the competitive
8 solicitation. The technology, innovation, and buildings
9 and communities requests for a proposal was unique because
10 it brought proposals using an integrated energy program
11 approach. This approach increases the administrative
12 efficiency, takes advantage of synergies, avoids
13 duplication of effort, and maximizes the likelihood that
14 research results will be adopted by the market and advanced
15 science research and development. I would like to thank
16 you, Norm, for your tremendous contribution to our PIER
17 Program. [Applause.]

18 MR. BARASSA: Thank you very much. I really need
19 to thank the buildings program, the PIER Buildings Program.
20 Without them, that solicitation would not be possible. And
21 it was very appropriate that Allan received an award, too,
22 because he was very very instrumental in putting that RFP
23 together, as well as Rachel Ward in the Contract Office,
24 thank you very much -- Rachel Grant, sorry.

25 COMMISSIONER ROSENFELD: I want to say, Norm,

1 when I served on the R&D Committee, Norm was a visionary.
2 He was always interested in centers at UC, UC Davis,
3 Lawrence Berkeley Lab, and a true friend -- a successful
4 visionary. Thank you, Norm.

5 MS. JONES: Okay, so now, you can stay -- yeah,
6 just stay there. Beth Chambers is our next recipient.
7 Beth Chambers is being recognized for her superior
8 performance supervising the Energy Efficiency Research
9 Office. In 2008, the Office Manager position became vacant
10 for an extended time. Beth did take on the daily Office
11 Manager responsibilities in collaboration with another
12 supervisor. In these new duties, she demonstrated
13 unequaled personal effort in overcoming difficulties and
14 obstacles. She ensured that the office's needs were
15 represented to Division Management, and this included work
16 plans, coordinating vacation schedules, and doing all the
17 things that an Office Manager needs to do. These were
18 difficult duties, in addition to her normal duties, and so
19 we wanted to especially recognize you, Beth, for your
20 accomplishments.

21 MS. CHAMBERS: Thank you. [Applause.] Again, I
22 would just like to echo Norm's sentiments; without the team
23 it would not be possible. And it is a great group of folks
24 to work with, and I really appreciate that. Thank you.

25 MS. JONES: Okay, our next recipient is Rita

1 Ortiz. So, Rita. Rita Ortiz is being recognized for her
2 outstanding performance as she handled many of the duties
3 at the Division's Administrative Liaison and Office
4 Technician duties. Rita took on many key administrative
5 responsibilities and demonstrated unequaled personal
6 efforts in overcoming difficulties. One of the major
7 responsibilities that she handled was personnel, and she
8 has been very good at doing all the necessary steps to get
9 our vacancies filled. Additionally, she worked with staff
10 to prepare classification changes for the various positions
11 in the Division, and she also handles the office technician
12 duties for the Energy Assistance Research Office. And so,
13 you have gone beyond the call of duty, Rita, and so we
14 acknowledge your contribution, and thank you very much.

15 MS. ORTIZ: Thank you. [Applause.] I just want
16 to thank everybody. It is such a joy to work here,
17 everybody is just so great, it makes my job a lot easier.

18 VICE CHAIR BOYD: Very good.

19 MS. JONES: Thank you, Rita. Okay, our next
20 recipient, we only have two more to go, is Chris Scruton.
21 And Chris is being recognized for his superior performance
22 as the expert on heating, ventilation, and air conditioning
23 systems for the Buildings portion of the PIER Program.
24 Chris revamped the Buildings Energy Research Grant Program
25 from small scale, high risk research and development

1 projects. Chris is on the Research Administration
2 Committee for the American Society of Heating,
3 Refrigerating and Air Conditioning Engineers, ASHRAE. He
4 took the initiative to look for opportunities to look for
5 PIER research in conjunction with ASHRAE's funds to co-fund
6 projects beneficial to California. This has the benefit of
7 reducing research costs and also allows us to engage in
8 joint partnerships throughout the research community. So
9 for your efforts, we appreciate you very much, Chris.
10 [Applause.]

11 MR. SCRUTON: Thank you. And I would like to
12 just say that the only reason we are able to be effective
13 and achieve anything is because of the extraordinary vision
14 and leadership of Californians, exemplified by this
15 Commission and the people who work in this building.
16 Thanks again.

17 VICE CHAIR BOYD: Thank you, Chris.

18 COMMISSIONER ROSENFELD: Chris, it is a real
19 pleasure to have an expert in air conditioning who knows
20 the real world, and all the connections from Australia
21 through Europe, and you have been great to work with.

22 MR. SCRUTON: And as you and I know, Art, we
23 really do not need air conditioning in California, all we
24 need is cooling.

25 COMMISSIONER ROSENFELD: That is right.

1 MS. JONES: Okay, and then our final recipient
2 today is Linda Spiegel. Linda Spiegel is being recognized
3 for her superior performance in responding to an Executive
4 Order that required work to develop a decision making tool
5 for Planning Alternative Corridors for Transmission lines,
6 to be used and accepted by all parties involved in land use
7 and environmental impact discussions about new projects.
8 Linda took the lead to develop a planning process that
9 would facilitate and streamline permitting for all the
10 state agencies. She was able to respond to the general
11 goals of the Executive Order with specific implementation
12 plans, gain support from all agencies and participating
13 staff, and arrange for the modeling work and staff
14 activities and funding. And she has also accomplished it
15 before the end of the year, which is when the \$3.5 million
16 needs to be spent, so she put in quite an effort to get a
17 multi-phased program put together for PACT, that is now
18 being used to do some of our desert conservation work. And
19 she is not here?

20 MR. KELLY: But I am here to accept her monetary
21 award.

22 MS. JONES: All right, so Tom, why don't you go
23 ahead and PIER people can come on up. We will do one more
24 photo op. All right, so thank you all and we will be
25 coming back with more at the next Business Meeting.

1 CHAIRPERSON DOUGLAS: Well, thank you very much.
2 We very much appreciate these opportunities to recognize
3 staff. And with that, we are adjourned.

4 (Whereupon, at 11:28 a.m., the business meeting
5 was adjourned.)

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I, PETER PETTY, a Certified Electronic Reporter, do hereby certify that I am a disinterested person herein; that I recorded the foregoing California Energy Commission Business Meeting; that it was thereafter transcribed into typewriting.

I further certify that I am not of counsel or attorney for any of the parties to said meeting, nor in any way interested in outcome of said meeting.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of August, 2009.

Peter Petty - CER**D-493