

Minutes of the September 26, 2007, Energy Commission Business Meeting.

The meeting was called to order by Chairman Jackalyne Pfannenstiel. The Pledge of Allegiance was lead by Chairman Pfannenstiel.

Present:

Jackalyne Pfannenstiel, Chairman
Arthur H. Rosenfeld, Commissioner
John L. Geesman, Commissioner
Jeffrey D. Byron, Commissioner

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A Commissioner may request that an item be moved and discussed later in the meeting.)
 - a. CLEAN ENERGY SHOWCASE. Possible approval of co-sponsorship for \$4,999 for the Clean Energy Showcase at UC Davis, October 11, 2007. Contact: Claudia Chandler.
 - b. ALTERNATIVE CAR AND TRANSPORTATION EXPO. Possible approval of co-sponsorship for \$4,950, staff time and use of the Energy Commission's name for the Alternative Car and Transportation Expo, October 19-20 in Santa Monica. Contact: Tim Olson.

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of the Consent Calendar. The vote was unanimous. (4-0)

2. MIDWAY SUNSET COGENERATION PROJECT (85-AFC-3C). Possible approval of a petition to increase the amount of unreacted ammonia (ammonia slip) into the stack emissions from 5 to 10 parts per million. The increase is required because of the use of Selective Catalytic Reduction systems. Contact: Connie Bruins. (10 minutes)

Commissioner Geesman moved and Commissioner Byron seconded approval of the petition. The vote was unanimous. (4-0)

3. CHULA VISTA ENERGY UPGRADE PROJECT DATA ADEQUACY RECOMMENDATION. Contact: Christopher Meyer. (10 minutes)
 - a. Possible approval of the Executive Director's data adequacy recommendation for the Chula Vista Energy Upgrade Project (07-AFC-4).

Commissioner Geesman moved and Commissioner Byron seconded approval of the Executive Director's recommendation. The vote was unanimous. (4-0)

- b. Possible appointment of a Committee for the Chula Vista project.

Chairman Pfannenstiel appointed herself as presiding member and Commissioner Boyd as second member of the committee for the project. Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of the appointment. The vote was unanimous. (4-0)

4. RUSSELL CITY ENERGY CENTER. Continued consideration of the Presiding Member's Amended Decision for the Russell City Energy Center (01-AFC-7). Contact: Paul Kramer. (30 minutes)

Commissioner Geesman moved and Commissioner Byron seconded approval of the Presiding Member's Amended Decision and Errata, with modifications as suggested in the Federal Aviation Administration's letter of September 25, 2007. The vote was unanimous. (4-0)

5. NATIONAL RENEWABLE ENERGY LABORATORY. Possible approval, under Contract 500-05-027, for the National Renewable Energy Laboratory (NREL) to contract with two successful bidders to RFP 500-06-504 (Feb 07). These subcontractors are UQM (*Advanced Design and Commercialization of UQM Modular DER Inverter*, \$618,441) and US Hybrid (*Modular and Efficient Power Converter with Source Ripple Current Mitigation*, \$281,842). The subcontractors will perform research on Advanced Power Electronic Interface for application in Distributed Energy Resources (PIER electricity funding.) Contact: Bernard Treanton. (5 minutes)

Commissioner Geesman moved and Commissioner Rosenfeld seconded approval of Contract 500-05-027. The vote was unanimous. (4-0)

6. SAN JOSE STATE UNIVERSITY FOUNDATION. Possible approval of Contract 500-07-009 for \$220,000 with San Jose State University Foundation to provide the necessary expertise to enable recipients of PIER funds to bring their technologies or services to market. (PIER electricity funding.) Contact: Pramod Kulkarni. (5 minutes)

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Contract 500-07-009. The vote was unanimous. (4-0)

7. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Contract 500-07-008 for \$400,000 with U. S. Department of Energy – Lawrence Berkeley National Laboratory to extend the capabilities of the EnergyPlus building energy simulation software for use in the Title 24 Building Energy Efficiency Standards. (PIER electricity funding.) Contact: Martha Brook. (5 minutes)

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Contract 500-07-008. The vote was unanimous. (4-0)

8. ADI THERMAL POWER CORPORATION. Possible approval of a grant for \$249,536 to ADI Thermal Power Corporation under RFP GRT06501-11. ADI Thermal Power will develop an ultra low emissions burner and a control system for their Stirling Engine generator. The control system will improve part load efficiency and provide better utilization of engine waste heat in combined heat and power applications. (PIER natural gas funding.) Contact: Arthur J. Soinski. (5 minutes)

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of the grant. The vote was unanimous. (4-0)

9. CALIFORNIA RESOURCES AGENCY. Possible approval of Amendment 1 adding \$135,000 to Contract 200-07-001 with the California Resources Agency. The additional funding is for the Resources Agency's Climate Change Executive. (ERPA funding.) Contact: Randy Roesser. (5 minutes)

Commissioner Rosenfeld moved and Commissioner Byron seconded approval of Amendment 1 to Contract 200-07-001. The vote was unanimous. (4-0)

10. EXISTING RENEWABLE FACILITIES PROGRAM FUNDING AWARD NOTICES. Possible approval of Funding Award Notices pursuant to the Energy Commission's Existing Renewable Facilities Program Guidebook, Renewables Portfolio Standard Eligibility Guidebook, and Overall Program Guidebook. These Funding Award Notices commit funding to production incentives to the following facilities subject to the Guidelines and terms of their respective funding award notices. Contact: Jason Orta. (10 minutes)

- a. Sierra Pacific Industries-Loyalton
- b. Sunray Energy- SEGS I and II
- c. Chowchilla II
- d. El Nido
- e. Colmac Energy, Inc.

Commissioner Geesman moved and Commissioner Rosenfeld seconded approval of the five award notices. The vote was unanimous. (4-0)

11. CALIFORNIA GUIDELINES FOR REDUCING IMPACTS TO BIRDS AND BATS FROM WIND ENERGY DEVELOPMENT. (06-OII-1). Possible adoption of the voluntary California Guidelines For Reducing Impacts to Birds and Bats from Wind Energy Development prepared by the California Energy Commission and the Department of Fish and Game. Contact: Misa Ward. (1 hour)

Commissioner Geesman moved and Commissioner Byron seconded approval of the voluntary Guidelines. The vote was 3-0, Commissioner Rosenfeld having departed prior to the motion.

12. **Minutes**

Approval of the September 12, 2007, Business Meeting Minutes.

Commissioner Geesman moved and Commissioner Byron seconded approval of the Minutes. The vote was unanimous. (3-0)

13. **Commission Committee Presentations/Discussion** – None
14. **Chief Counsel's Report** – None
15. **Executive Director's Report**
16. **Legislative Director's Report** – None
17. **Public Adviser's Report** – None
18. **Public Comment** – None

There being no further business, the meeting was adjourned at 1:50.

Appearances

Mr. Michael Azeka, AES Seawest
Mr. Michael Argentine, Russell City
Mr. Robert Bauman, City of Hayward
Mr. Greg Blue, ENEXCO
Ms. Patricia Brown, UCLA
Mr. David Allan Butterfield, Federal Aviation Administration
Mr. Gary Cathey, CalTrans
Ms. Michelle Conway, Oak Creek
Mr. John Day, County of Santa Barbara
Ms. Kim Delfino, Defenders of Wildlife
Ms. Kim Finn, Hayward Residents
Mr. Stuart Flashman, Citizens for Alternative Transportation Solutions
Ms. Carol Ford, California Pilots Association
Mr. Garry George, Los Angeles Audubon Society
Mr. Matt Giblin, Invenergy
Ms. Juanita Gutierrez, Mount Eden Task Force, Hayward
Mr. Paul Haavik, Intervenor
Ms. Bronwyn Hogan, Science Advisory Committee
Ms. Nicole Hughes, RES
Ms. Krishneel Lall, Sierra Club San Francisco
Ms. Brenda LeMay, Horizon Wind Energy
Ms. Julia Levin, National Audubon Society
Mr. Andy Linehan, PPM Energy
Ms. Jane Luckhardt, Downey Brand
Mr. Kevin Martin, Acciona Energy
Mr. Fred Noble, Wintec Enrgy/Desert Wind Association
Mr. Ernest Pacheco
Ms. Linda Parker, Kern Wind Energy Association
Ms. Nancy Rader, California Wind Energy Association
Mr. Eli Saddler, Golden Gate Audubon Society

Mr. James Sorensen, County of Alameda
Mr. Kenny Stein, FPL Energy
Mr. Paul Vercruyssen, CEERT
Mr. William Walters, Aspen Environmental
Mr. Stu Webster, Clipper Windpower Development Co., Inc.
Mr. Greg Wheatland, Ellison Schneider & Harris
Mr. Andy Wilson

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission