

STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION

Business Meeting Minutes

Of

November 16, 2005

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The meeting was called to order by Chairman Desmond at 11:32 a.m.

The Pledge of Allegiance was led by Chairman Desmond.

Joseph Desmond	Present
Jackalyne Pfannenstiel	Present
Arthur Rosenfeld	Absent
James D. Boyd	Absent
John L. Geesman	Present

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 discussed and moved to later on the agenda).
 - a. COMMISSION CO-SPONSORSHIP. Possible approval of a co-sponsorship for the WestStart – U.S. Army National Automotive Center’s Clean Heavy-Duty Vehicle Conference 2006 being held February 22 -24, 2006, in San Diego, California. The Energy Commission will provide \$3,000, staff time, travel expenses, and name.
 - b. COMMISSION CO-SPONSORSHIP. Possible approval of a co-sponsorship for the Faster Freight, Cleaner Air Conference and Exposition being held January 30 – February 1, 2006, in Long Beach, California. The Energy Commission will provide \$2,500, staff time, travel expenses, and name.

Commissioner Pfannenstiel moved and Commissioner Geesman seconded approval of the consent calendar. The vote was unanimous. (3-0)

2. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY (CSU). Possible approval of \$748,706 for the ten highest scoring grant applications from Solicitation Cycle 04-03 of the Energy Innovations Small Grant Program. (PIER funded)
 1. 04-03-15, Du Pasquier, Rutgers University, *Laminated Polymer Dye Sensitized Solar Cells*, \$75,000.
 2. 04-03-22, Harvey, Heliocentric, *High Energy Density Capacitors for Photovoltaic Systems*, \$75,000.
 3. 04-03-07, Carter, University of California, Santa Cruz, *High Efficiency Planar Luminescent Solar Concentrators*, \$74,636.
 4. 04-03-29, Kelley, Altex Technologies Corporation, *Small Efficient Turbine System (SETS) for DEG and CHP Applications*, \$74,796.

5. 04-03-47, Smedley, University of California, Irvine, *A Simple and Reliable FACTS Element for Distributed Generation*, \$75,000.
6. 04-03-11, Cirillo, Fiberstars, Inc., *Distributed Optical Fiber Luminaires to Replace Fluorescent Freezer Case Lighting for Dramatic Energy Savings in California*, \$74,297.
7. 04-03-39, Narendran, Rensselaer Polytechnic Institute, *Development of an Energy-Efficient, Ultra-Thin LED Luminaire*, \$75,000.
8. 04-03-38, Menezes, InterPhases Research, *Flexible Hybrid Solar Cell*, \$75,000.
9. 04-03-19, Fraas, JX Crystals, Inc., *Efficient Solar Photovoltaic Mirror Modules for Half the Cost of Today's Planar Modules*, \$75,000.
10. 04-03-04, Brouwer, UC Irvine, National Fuel Research Center, *Feasibility Study for Ceramic Proton Conductor-Based Reversible Solid Oxide Fuel Cells*, \$74,977.

Grant application #6 was struck from this proposal and the total award was changed to \$674,409. Commissioner Geesman moved and Commissioner Pfannenstiel seconded approval of the nine remaining highest-scoring grant applications from Solicitation 04-03 of the Energy Innovations Small Grant Program. The vote was unanimous. (3-0)

3. **EXISTING RENEWABLE FACILITIES PROGRAM GUIDEBOOK.** Possible approval of recommended changes to the Existing Renewable Facilities Program guidebook – Target Price and Cap for Tier 1 biomass facilities. The California Biomass Energy Alliance submitted a written request to adjust the Target Price and Cap for Tier 1 technologies under the Energy Commissions Existing Renewable Facilities Program to account for increased fuel costs due to increases in diesel fuel prices.

This item was postponed to the next scheduled Business Meeting.

4. **PARADISE UNIFIED SCHOOL DISTRICT.** Possible approval of a loan to the Paradise Unified School District for \$341,677 to upgrade lighting systems. This project is estimated to save about \$34,865 annually and has a simple payback of 9.8 years. (ECAAA/Bond funded)

Commissioner Pfannenstiel moved and Commissioner Geesman seconded approval of the loan to Paradise Unified School District. The vote was unanimous. (3-0)

5. **ANDERSON UNION HIGH SCHOOL DISTRICT.** Possible approval of a \$1,160,000 loan to the Anderson Union High School District. This loan will be used to install a 245 kW photovoltaic system, a dedicated chiller, energy efficient lighting and controls, and re-commission the energy management system at West Valley High School. This project is estimated to save about \$118,333 annually and has a simple payback of 9.8 years. (ECAAA/Bond funded)

Commissioner Pfannenstiel moved and Commissioner Geesman seconded approval of the loan to Anderson Union High School District. The vote was unanimous. (3-0)

6. DEPARTMENT OF GENERAL SERVICES. Possible approval of Interagency Agreement 600-05-003 with the Department of General Services to operate a Ford hydrogen fuel cell vehicle for demonstration purposes within the Sacramento Metro area. This demonstration is part of the Department of General Services, Air Resources Board, and Ford Motor Company hydrogen fuel cell vehicle demonstration and supports the Governor's plan to implement a "California Hydrogen Highway Network."

Commissioner Pfannenstiel moved and Commissioner Geesman seconded approval of Interagency Agreement 600-05-003. The vote was unanimous. (3-0)

7. ROBERT BOSCH CORPORATION. Possible approval of Contract 600-05-004 for a Memorandum of Understanding with Robert Bosch Corporation. Robert Bosch Corporation has offered to loan up to 14 advance low-emission/high efficient light duty diesel vehicles (at no cost to the Commission) for up to one year. Vehicles will be used to collect data and results will be shared with Commissioners, staff, and the public.

Commissioner Pfannenstiel moved and Commissioner Geesman seconded approval of Contract 600-05-004. The vote was unanimous. (3-0)

8. BUILDING INDUSTRY INSTITUTE. Possible approval of Contract 400-05-009 to the Building Industry Institute for \$154,607 to develop and conduct classroom training and web-based seminars (webinars) on the 2005 Building Energy Efficiency Standards for residential production builders and local building departments.

Commissioner Pfannenstiel moved and Commissioner Geesman seconded approval of Contract 400-05-009. The vote was unanimous. (3-0)

9. Minutes

Commissioner Geesman moved and Commissioner Pfannenstiel seconded approval of the November 3, 2005 Business Meeting minutes. The vote was unanimous. (3-0)

20. Commission Committees and Oversight

No report was given.

21. Chief Counsel's Report

Bill Chamberlain introduced a new addition to the Legal office, Ken Glick, who was from the Electricity Oversight Board. Other than that, no report was given.

22. Executive Director's Report

No report was given

23. Legislative Director's Report

No report was given.

24. Public Adviser's Report

No report was given.

25. Public Comment

Al Bulf, who is with Peakoil.net, commented that California is too dependent on natural gas and recommended going back to nuclear power.

The meeting was adjourned at 12:01 p.m.

SONG K. HER
Acting Secretariat to the Commission