

**STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION**

Minutes of the July 2, 2008, Energy Commission Business Meeting.

The Meeting was called to order at 10:04 by Commissioner Jeffrey D. Byron, presiding. The Pledge of Allegiance was led by Commissioner Byron.

Present:

Jeffrey D. Byron, Commissioner (Presiding)
Arthur H. Rosenfeld, Commissioner
Karen Douglas, 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. ICF RESOURCES, LLC. Possible approval of Amendment 2 to Contract 500-06-011 with ICF Resources, LLC for a one-year time extension to provide technical, administrative, and project management support for the Public Interest Energy Research Program, Geothermal Resources Development Account Program, and other energy-related research and development activities. Contact: Jesselyn Rosales.
 - b. SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC). Possible approval of Amendment 2 to Contract 500-06-013 with SAIC for a one-year time extension to provide technical, administrative, and project management support for the Public Interest Energy Research Program, Geothermal Resources Development Account Program, and other energy-related research and development activities. Contact: Jesselyn Rosales.
 - c. NAVIGANT CONSULTING, INC. Possible approval of Amendment 2 to Contract 500-06-012 with Navigant Consulting, Inc. for a one-year time extension to provide technical, administrative, and project management support for the Public Interest Energy Research Program, Geothermal Resources Development Account Program, and other energy-related research and development activities. Contact: Jesselyn Rosales.
 - d. KEMA, INC. Possible approval of Amendment 2 to Contract 500-06-014 with KEMA, Inc., for a one-year time extension to provide technical, administrative, and project management support for the Public Interest Energy Research Program, Geothermal Resources Development Account Program, and other energy-related research and development activities. Contact: Jesselyn Rosales.

- e. INTERNATIONAL BUILDING PERFORMANCE SIMULATION ASSOCIATION-USA. Possible approval of Contract 500-08-003 for \$15,000 with International Building Performance Simulation Association-USA (IBPSA) to co-sponsor the SimBuild 2008 conference in Berkeley July 30-August 1. The IBPSA is a non-profit international society of building performance researchers, developers and practitioners dedicated to improving the build environment. (PIER funding.) Contact: Norm Bourassa.
- f. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Contract 500-08-001 for \$10,000 with U. S. Department of Energy-Lawrence Berkeley National Laboratory to co-sponsor the International Conference on Countermeasures to Urban Heat Islands to be held in California in September 2009. The conference will provide a forum for representatives of local, state and regional governments, California utilities and non-governmental organizations to discuss heat island research and mitigation. Participation in the conference will provide an opportunity to highlight and discuss the Energy Commission's heat island research with worldwide experts. (PIER funding.) Contact: Chris Scruton.

Item If. was removed from the Consent Calendar for discussion.

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the Consent Calendar. The vote was unanimous. (3-0)

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of Item If, Contract 500-08-001. It was noted the contract is with University of California-Lawrence Berkeley National Laboratory. The vote was unanimous. (3-0)

2. NORTHERN CALIFORNIA PUBLIC POWER AUTHORITY. Compliance determination regarding the Emission Performance Standard for a Northern California Power Authority (NCPA) contract with Western GeoPower. The Commission is asked to rule on the compliance contract between NCPA and Western GeoPower for delivery of as-available energy from a geothermal facility at the Geysers with the Emission Performance Standard for Publicly Owned Utilities. Contact: David Vidaver. (5 minutes)

It was noted the correct title of the NCPA is Northern California Power Agency. Commissioner Rosenfeld moved and Commissioner Douglas seconded ruling that the compliance contract between NCPA and Western GeoPower complies with the Emissions Standard For Publicly Owned Utilities. The vote was unanimous. (3-0)

3. ANDES CONSULTING, LLC. Possible approval of Purchase Order 08-409.00-001 for \$250,000 with Andes Consulting, LLC for programming services and database development for the Energy Commission's essential information technology systems. (ERPA funding.) Contact: George Gaborek. (5 minutes)

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of Purchase Order 08-409.00-001. The vote was unanimous. (3-0)

4. ENERGY INNOVATIONS SMALL GRANT PROGRAM. Possible approval of \$860,822 for ten proposals from Solicitation Cycle 07-02 of the Energy Innovations

Small Grant Program. (PIER funding.) Contact: Dave Michel. (5 minutes)

- a. 07-02-07. New Mexico State University: *Fault location in Power Distribution System with Penetration of Distributed Energy Resources*. \$50,000
- b. 07-02-26. Michael Lambert, Ph.D., San Diego, California: *Solar and Gas Powered Adsorption (Solid-Vapor) Heat Pump*. \$95,000
- c. 07-02-13. University of California, Berkeley: *Novel Adaptation of 3-Way Catalyst for NOx Reduction in Exhaust of Landfill Gas Engines*. \$92,500
- d. 07-02-29. California Polytechnic State University: *Biogas Generation from Algae Biomass Harvested at Wastewater Treatment Facilities*. \$86,000
- e. 07-02-49. University of California, Davis: *Wind Turbine Load Limiting Algorithm Verification Testing*. \$94,859
- f. 07-02-10. CHA Corporation. *Microwave-Induced Destruction of NOx and H₂S in Dairy Digester Reciprocating Engines*. \$95,000
- g. 07-02-48. Prof. Michael Cohen, Rohnert Park, California. *Aquatic Biomass to Fuel*. \$74,253.
- h. 07-02-44. University of Houston: *A Reliable Low Cost Power Electronics Interface for Renewable Energy Systems Using A Single DSP Controller*. \$83,210
- i. 07-02-21. Evan Hughes, Menlo Park, California: *Pomace and Woody Biomass for Renewable Biomass Power: Technical and Economic Feasibility*. \$95,000
- j. 07-02-05. EnStorage, Doar-Na-Shikmim, Israel: *Energy Storage for Grid and Renewable Sources*. \$95,000.

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the ten proposals. The vote was unanimous. (3-0).

5. Minutes

- a. Approval of the May 21, 2008, Business Meeting Minutes.

No action was taken on item 5a. as there was not a quorum of those present at the May 21, 2008 Meeting.

- b. Approval of the June 18, 2008 Business Meeting Minutes.

Commissioner Douglas moved and Commissioner Rosenfeld seconded approval of the June 18, 2008, minutes. The vote was unanimous. (3-0)

6. **Commission Committee Presentations/Discussion** – None

7. **Chief Counsel's Report** – Chief Counsel Bill Chamberlain requested a closed session to discuss potential litigation pursuant to Government Code Section 11126(e).
8. **Executive Director's Report** – Executive Director Melissa Jones gave the report.
9. **Legislative Director's Report** – Acting Legislative Director Marni Weber gave the report.
10. **Public Adviser's Report** – Elena Miller reported that she will be sworn in as Public Adviser tomorrow.
11. **Public Comment** – None.

There being no further business, the meeting was adjourned at 10:26.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission