

STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION

Business Meeting Minutes

of

August 10, 2005

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The meeting was called to order by Chairman Desmond at 10:03 a.m.

The Pledge of Allegiance was led by Chairman Desmond.

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

Before the agenda items were discussed, Chairman Desmond presented PIER's Sensor Placement + Optimization Tool (SPOT) awards to Martha Krebs, Deputy Director for the Energy Research and Development Division.

1. AMP RESOURCES (SURPRISE VALLEY), LLC. Possible approval of a proposed change, from Lake City Geothermal, LLC, to Amp Resources (Surprise Valley), LLC, which reflects both a change in name and in ownership of the original grant applicant. The grant award was approved under the 2003 Geothermal Resources Development Account (GRDA) Solicitation, but the ownership changed before the Funding Agreement was signed. (GRDA Funded)

Commissioner Rosenfeld moved and Commissioner Geesman seconded the approval of the proposed change in name and ownership from Lake City Geothermal, LLC to Amp Resources (Surprise Valley), LLC. The vote was unanimous. (4-0)

2. APPLIANCE EFFICIENCY REGULATIONS PROPOSED AMENDMENTS. The Notice of Proposed Action (NOPA) for the current Appliance Efficiency Regulations Rulemaking, Docket 05-AAER-1, noticed a hearing for adopting the proposed amendments at the August 10, 2005 Business Meeting. The Efficiency Committee has determined the need to issue changes to the 45-Day Language (in the form of 15-Day Language). Therefore, the Commission will not consider adopting the proposed amendments at the August 10, 2005 Business Meeting. Interested parties may comment on any aspect of the proposed regulations.

Commissioner Rosenfeld moved and Commissioner Boyd seconded the issuance of the 15-Day Language. The vote was unanimous. (4-0)

3. ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT. Possible approval of a request to include Energy Management System to the scope of work to the Antelope Valley Union High School District loan. The district received a \$2,000,000 loan from the Energy Commission for the installation of energy efficient lighting and controls, and the replacement of old heat pumps on portable classrooms district wide. There is no change to the loan funding. (ECCA/Bond funded)

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of the request to add on Energy Management System to the scope of work within the Antelope Valley Union High School District loan. The vote was unanimous. (4-0)

4. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY (CSU). Possible approval of eleven grant applications totaling \$823,638 to the Energy Innovations Small Grant Program in response to Solicitation Cycle 04-02. (PIER funded)
- a) California Institute of Technology, Silicon Nanorod Solar Cells, \$75,000
 - b) University of California, Irvine, Metallic interconnects for Solid Oxide Fuel Cell (SOFC) systems: Surface engineering for improved durability and reduced contact resistance, \$75,000
 - c) Ekster and Associates, Development of optimization software for an activated sludge system, \$75,000
 - d) WebCore Technologies, Inc., Improved Wind Turbine Blade Design with advanced composite materials and process, \$74,627
 - e) Advanced Engine Technologies Corp., ION sense based air/fuel ratio control in stationary I/C engines, \$74,011
 - f) Michigan State University, Performance enhancement of Microturbines by using wave rotor technology, \$75,000
 - g) Brayton Energy, LLC, SolarCat Critical Technology Demonstration, \$75,000
 - h) Advanced Conservation Technology, Inc., non-restrictive pressure relieve heat trap, \$75,000
 - i) University of California, Merced, Concentrating Triple-Junction PV Systems for distributed power generation, \$75,000
 - j) Clean Energy Systems, Inc., Alternative synthetic fuels injector tests, \$75,000
 - k) Kebaili Corporation, Hydrogen Micro-Sensor for real-time diagnostic of transformer oil, \$75,000

Commissioner Geesman moved and Commissioner Rosenfeld seconded approval of the eleven grant applications of the Energy Innovations Small Grant Program. The vote was unanimous. (4-0)

5. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Contract 500-05-006 for \$250,000 with Lawrence Berkeley National Laboratory for codes and standards enhancement activities supporting high-slope residential cool roofs. (PIER funded)

Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Contract 500-05-006. The vote was unanimous. (4-0)

6. CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES. Possible approval of Contract 500-05-005 for \$799,758 with the Center for Energy Efficiency and Renewable Technologies to provide a complete and comprehensive conceptual transmission development plan, that will allow approximately 4000 megawatts of wind power in the Tehachapi area and 2000 megawatts of geothermal power in the Imperial Valley area, to reach load centers in California; and establish the institutional cooperation needed for the transmission plans to be implemented, constructed, and energy provided to consumers. (PIER funded)

Commissioner Geesman moved and Commissioner Rosenfeld seconded approval of Contract 500-05-005. The vote was unanimous. (4-0)

7. Minutes

Commissioner Rosenfeld moved and Commissioner Boyd seconded approval of the July 27, 2005 Business Meeting minutes. The vote was unanimous. (4-0)

8. Commission Committee and Oversight

Commissioner Geesman briefed the Commission about Southern California Edison's Sterling Solar Thermal Project.

9. Chief Counsel's Report

No report was given. Chairman Desmond reminded the Chief Counsel's office about the requested research regarding the out-of-state procurement and would like a report at the next Business Meeting.

10. Executive Director's Report

Scott Matthews, for B. B. Blevins, thanked the IEPR committee for the excellent sessions and for Melissa Jones's guidance in keeping the proceedings on track.

11. Legislative Director's Report

No report was given.

12. Public Adviser's Report

Margret Kim announced the upcoming IEPR workshops on August 15th, 16th, 17th, and 18th.

13. Public Comment

No comments were received.

The meeting was adjourned at 10:23 a.m.

SONG K. HER
Acting Secretariat to the Commission