



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Adopt resolution authorizing the City Manager to provide funding in the amount of \$35,000 to fund the Public Benefits Program Grant - Lodi Solar Education Outreach Pilot Project (EUD)

MEETING DATE: June 19, 2002

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt a resolution authorizing the City Manager to provide funding in the amount of \$35,000 to fund the Public Benefits Program Grant - Lodi Solar Education Outreach Pilot Project (EUD)

BACKGROUND INFORMATION: In conjunction with the Rahun Institute, a non-profit organization, the City of Lodi Electric Utility is proposing the *Lodi Solar Education Outreach Pilot Project*. The pilot project is designed to provide hands-on solar educational materials and technology kits to both private and public school students in Lodi (the targeted student grade levels include 2nd through 6th grade). These technology kits will contain various solar experiments, allowing educators and students to learn first-hand how the sun may serve as a renewable energy resource.

The \$35,000 Public Benefits Program Grant will be expended on the following:

- to purchase fourteen (14) Solar Technology Kits (these kits mini-solar panels, a solar control panel, mini-fan, lights, appropriate wiring, and other related solar experiment materials/equipment);
- to purchase seven (7) Teacher Technology Kits (background material on solar generation, handout materials, brochures, etc.);
- to purchase seven (7) Mini-Module Solar Cells/Motors Classroom Sets;
- provide teacher training workshops (two to be conducted by the City of Lodi Electric Utility and representatives from the Rahun Institute); and
- to develop solar education curriculum with Lodi Unified School District, as well as the local private schools, as requested.

The Rahun Institute, based in Walnut Creek, California, is a non-profit organization focusing attention on renewable energy resources. The organization devotes the majority of its time to creating partnerships between local electric utility providers and educators, promoting solar energy technology.

After receiving enthusiastic support during our series of meetings with private school principals and representatives from Lodi Unified School District, the City of Lodi Electric Utility respectfully recommends approval of this pilot project. As identified by the California Energy Commission, this pilot project is a qualifying component of the City of Lodi Public Benefits Program, under the category of Renewable Energy Resources & Technologies.

APPROVED: _____


H. Dixon Flynn - City Manager



CITY OF LODI

COUNCIL COMMUNICATION

FUNDING: 164608 – Public Benefits Fund (Category: Renewable Energy Resources & Technologies)

Funding Approval: _____
Vicky McAthie, Finance Director

Alan N. Vallow
Electric Utility Director

PREPARED BY: Rob Lechner, Manager of Customer Programs

ANV/RL/1st

C: City Attorney

APPROVED: _____
H. Dixon Flynn - City Manager

RESOLUTION NO. 2002-133

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING THE
CITY MANAGER TO PROVIDE FUNDING IN THE AMOUNT OF
\$35,000.00 TO FUND THE PUBLIC BENEFITS PROGRAM GRANT –
LODI SOLAR EDUCATION OUTREACH
PILOT PROJECT

=====

WHEREAS, the state has mandated that beginning January 1, 1998, the City of Lodi is obligated to fund various programs through a Public Benefits Charge (PBC) based on a historical electric revenue requirement; and

WHEREAS, the requirement amounts to approximately \$1M per year that must be dedicated to qualifying programs such as energy efficiency. A further stipulation is that these efforts must be done on the customer's side of the meter in order to qualify; and

WHEREAS, the City of Lodi's Public Benefits Program is comprised of four segments or customer groups: commercial/industrial, residential, community/non-profit, and municipal; and

WHEREAS, this pilot project is designed to provide hands-on solar educational materials and technology kits to both private and public school students in Lodi, grade levels 2nd through 6th grade. These technology kits will contain various solar experiments, allowing educators and students to learn first-hand how the sun may serve as a renewable energy resource; and

WHEREAS, the \$35,000 Public Benefits Program Grant will be expended on the following:

- to purchase fourteen (14) Solar Technology Kits (mini-solar panels, a solar control panel, mini-fan, lights, appropriate wiring, and other related solar experiment materials/equipment);
- to purchase seven (7) Teacher Technology Kits (background material on solar generation, handout materials, brochures, etc.);
- to purchase seven (7) Mini-Module Solar Cells/Motors Classroom Sets;
- to provide teacher training workshops (two to be conducted by the City of Lodi Electric Utility and representatives from the Rahun Institute); and
- to develop solar education curriculum with Lodi Unified School District, as well as the local private schools, as requested.

WHEREAS, the Rahun Institute, based in Walnut Creek, California, is a non-profit organization focusing attention on renewable energy resources. The organization devotes the majority of its time to creating partnerships between local electric utility providers and educators, promoting solar energy technology; and

WHEREAS, after receiving enthusiastic support from private school principals and representatives from Lodi Unified School District, the City of Lodi Electric Utility respectfully recommends approval of this pilot project. As identified by the California Energy Commission, this pilot project is a qualifying component of the City of Lodi Public Benefits Program, under the category of Renewable Energy Resources & Technologies.

NOW, THEREFORE, BE IT RESOLVED, that the Lodi City Council hereby authorizes the City Manager to provide Public Benefits Program grant funding in the amount of \$35,000.00 to fund the Lodi Solar Education Outreach Pilot Project.

Dated: June 19, 2002

=====

I hereby certify that Resolution No. 2002-133 was passed and adopted by the Lodi City Council in a regular meeting held June 19, 2002 by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Howard, Land, Nakanishi, and Mayor Pennino

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON
City Clerk