



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Adopt Resolution Authorizing the City Manager to Allocate a Combined \$39,971 in Public Benefit Program Funds to Extend For One Year the *Lodi LivingWise Program* and the *Lodi Solar Schoolhouse Project* and Execute Contracts With the Resource Action Programs (*Lodi LivingWise Program*) and The Rahun Institute (*Lodi Solar Schoolhouse Project*) to Assist in Coordinating These Educational Programs (EUD)

MEETING DATE: August 1, 2007

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: Adopt a resolution authorizing the City Manager to allocate \$39,971 from the Lodi Public Benefits Program fund to extend for one year the *Lodi LivingWise Program* and the *Lodi Solar Schoolhouse Project*, and authorize the City Manager to execute contracts with Resource Action Programs (*Lodi LivingWise Program*) and The Rahun Institute (*Lodi Solar Schoolhouse Project*) to assist in coordinating these educational programs.

BACKGROUND INFORMATION: Lodi Electric Utility has provided a pair of unique and engaging educational programs for Lodi students and educators since 2002. Under California law, all electric service providers in the state must maintain a Public Benefits Program, incorporating four major elements: 1) assistance for low-income customers, 2) renewable energy resources & technologies, 3) demand-side management/energy efficiency, and 4) energy research. These two educational programs are categorized as energy efficiency (*Lodi LivingWise Program*) and renewable energy resources (*Lodi Solar Schoolhouse Project*). Below is a description of the two programs:

> *Lodi LivingWise Program*: Nearly 2,000 Lodi students and their families have participated in this program since 2003. The program provides students and educators at Lodi area schools with a useful tool that demonstrates energy and water conservation. The budget for the 2007-2008 school year (Lodi fiscal year) is \$19,971.

For the 2007-2008 school year, Lodi Electric Utility staff is once again proposing to provide 437 energy and water conservation kits to 6th grade students throughout Lodi. Each kit contains a compact fluorescent lamp, an Electro luminescent (energy efficient) Night Light, a low-flow showerhead, faucet aerators, a water leak test for toilets, Teflon tape, tape measure, air temperature monitor, an energy efficiency CD-ROM game, tips on energy/water conservation, and specific ways to weatherize/insulate the home. Once the kits are delivered to the classroom, and the teacher has received their training packet, students are instructed on how/why to implement the contents of the kit at their home. There are pre-installation and post-installation course discussions that are provided to the instructors to ensure that the students are fully engaged in the project. After the students have installed the contents of their kit at home, an assessment is produced by Resource Action Programs staff to determine projected energy and water savings associated with the installation of the various energy/water conservation measures. To "kick-off" the project, an Electric Utility staff member visits each classroom to reinforce the significance of the project and discuss the importance of energy/water conservation.

While the project educates students on the importance of energy/water conservation, it also complements the energy education curriculum mandated by the State of California for all 4th through 6th grade students. Teacher feedback continues to indicate that our program is an excellent "fit" for portions of their math, science and or energy education curriculum. The *Lodi LivingWise Program* was implemented in sixteen (16) sixth-grade classrooms throughout the community during the 2006-2007 school year.

APPROVED: _____
Blair King, City Manager

**Adopt Resolution Authorizing the City Manager to Allocate a Combined \$39,971 in Public Benefit Program Funds to Extend For One Year the *Lodi LivingWise Program* and the *Lodi Solar Schoolhouse Project* and Execute Contracts With the Resource Action Programs (*Lodi LivingWise Program*) and The Rachus Institute (*Lodi Solar Schoolhouse Project*) to Assist in Coordinating These Educational Programs (EUD)
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> *Lodi Solar Schoolhouse Project*: Since 2002, over a thousand Lodi students have been involved in one aspect or another of this project. The *Lodi Solar Schoolhouse Project* is aimed at educating students in grades 3 through 12 regarding the importance of renewable energy resources, like the sun and wind, and the critical role these energy resources will most likely have on their future.

To assist in implementing this program, Electric Utility staff has in the past utilized and want to continue with the professional services of The Rachus Institute, a not-for-profit organization based in Martinez, California. For the 2007-2008 school year (and Lodi fiscal year), the *Lodi Solar Schoolhouse Project* will have several key elements, including: the 2008 Lodi Solar Olympics (the event, held on the second Saturday in May at Lodi High School, involves over 400 area students; the students create model boats and cars, fountains, ovens, and homes, all powered by solar), the Solar Schoolhouse Summer Institute (provides funding for two Lodi educators to attend a week-long renewable energy resource training camp), presentations on clean energy at the Lodi Energy Smart Workshop events, and delivery of the new DVD/book entitled 'Teaching Solar' to area educators. In addition, The Rachus Institute staff will provide in-classroom presentations where requested, as well as ongoing consulting services to Lodi Electric Utility staff regarding solar and wind energy issues.

As is the case with the *Lodi LivingWise Program*, the *Lodi Solar Schoolhouse Project* complements the energy education curriculum mandated by the State of California, allowing numerous Lodi educators to fulfill this educational requirement.

By way of this Council action, Electric Utility staff is recommending approval of these Public Benefit Program funds for both aforementioned projects, as well as the approval of the attached contracts with 1) Resource Action Programs to assist in administering/implementing the *Lodi LivingWise Program*, and 2) The Rachus Institute to assist in administering/implementing the *Lodi Solar Schoolhouse Project*. As both firms have proven to provide excellent service to the City of Lodi over the past several years, the Electric Utility Department respectfully requests that the Lodi City Council dispense with going out to bid pursuant to Lodi Municipal Code 3.20.070, and authorize the City Manager to execute professional service contracts with these firms, thus extending the programs out for the 2007-2008 fiscal year.

FISCAL IMPACT: Not applicable.

FUNDING: 164605 – Public Benefits (Demand-side Management) - \$19,971
164608 – Public Benefits (Renewable Energy Resources) - \$20,000

Kirk Evans, Budget Manager

George F. Morrow
Electric Utility Director

Prepared By: Rob Lechner, Manager, Customer Service & Programs

GFM/RL/1st

Attachments

RESOLUTION NO. 2007-_____

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING THE CITY MANAGER TO ALLOCATE PUBLIC BENEFIT PROGRAM FUNDS TO EXTEND THE LODI LIVINGWISE PROGRAM AND THE LODI SOLAR SCHOOLHOUSE PROJECT FOR ONE YEAR; AND FURTHER AUTHORIZING THE CITY MANAGER TO EXECUTE CONTRACTS WITH THE RESOURCE ACTION PROGRAMS AND RAHUS INSTITUTE TO ASSIST IN COORDINATING THESE PROGRAMS

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council hereby authorizes the City Manager to allocate a combined \$39,970.90 in Public Benefit Program funds to extend for one year the Lodi Livingwise Program and the Lodi Solar Schoolhouse Project; and

BE IT FURTHER RESOLVED that the City Manager is hereby authorized to execute contracts with the Resource Action Programs (Lodi Livingwise Program) and The Rahus Institute (Lodi Solar Schoolhouse Project) to assist in coordinating these educational programs.

Dated: August 1, 2007

I hereby certify that Resolution No. 2007-_____ was passed and adopted by the Lodi City Council in a regular meeting held August 1, 2007, by the following vote:

- AYES: COUNCIL MEMBERS –
- NOES: COUNCIL MEMBERS –
- ABSENT: COUNCIL MEMBERS –
- ABSTAIN: COUNCIL MEMBERS –

RANDI JOHL
City Clerk