



# CITY OF LODI

# COUNCIL COMMUNICATION

**AGENDA TITLE:** Adopt resolution approving the submittal of a Battery Backup System (BBS) grant application to the California Energy Commission; accepting the BBS grant award (\$21,733) relating to the purchase and installation of uninterruptible power supply system for traffic signals; and authorizing the City Manager to execute the necessary documents (EUD)

**MEETING DATE:** March 5, 2003

**PREPARED BY:** Electric Utility Director

**RECOMMENDED ACTION:** That the City Council adopt a resolution approving the submittal of a Battery Backup System (BBS) grant application to the California Energy Commission (CEC); accepting the BBS grant award of \$21,733, relating to the purchase and installation of uninterruptible power supply systems for traffic signals; and authorizing the City Manager to execute the necessary documents.

**BACKGROUND INFORMATION:** In the spring of 2001, the City of Lodi investigated the possibility of installing battery back up systems in numerous traffic signals throughout the community. The research and investigation was a direct response to the California energy crisis, and the potential for rolling energy blackouts in Lodi. In the event of a rolling blackout, traffic signals in Lodi that had been retrofitted with a battery back up system would continue to operate, thus reducing the impact on motorists and pedestrians in those given intersections. Based upon traffic flow and traffic volume, it was determined that nineteen (19) traffic signal intersections around Lodi would be the first such intersections to be retrofitted with a BBS. Having received City Council approval in April of 2001, the identified 19 intersections were retrofitted by June of 2001 with the BBS and related materials.

In late 2001, the California Energy Commission invited interested electric utility representatives and other local municipal officials to serve on a task force to recommend how state-approved grant dollars would be allocated to communities that had installed BBS in traffic signal intersections (Lodi's representative was Rob Lechner from the Electric Utility Department).

Once the eligibility criteria was established, communities throughout the state were able to submit an application packet for a designated rebate amount. The City of Lodi has submitted its application, and pending approval of this resolution, will be awarded a grant in the amount of \$21,733 (*note: the total cost to the city for installing BBS at nineteen traffic signal intersections was \$77,500*). By way of a resolution, the Lodi City Council also approves the acceptance of the BBS grant award relating to the purchase and installation of uninterruptible power supply systems for nineteen traffic signal intersections, and authorizes the City Manager to execute on behalf of the City of Lodi all necessary documents to implement and carry out the purpose of this resolution to successfully complete the BBS installations.

The BBS project was a partnership involving staff from the Electric Utility and Public Works departments. City of Lodi staff respectfully recommends approval of this resolution to ensure that the pre-approved State of California grant (as coordinated by the California Energy Commission) be delivered to the City of Lodi over the ensuing months.

**FUNDING:** Not applicable

Alan N. Vallow  
Electric Utility Director

PREPARED BY: Rob Lechner, Manager of Customer Service & Programs

APPROVED:   
H. Dixon Flynn - City Manager

RESOLUTION NO. 2003-31

A RESOLUTION OF THE LODI CITY COUNCIL APPROVING THE  
SUBMITTAL OF A BATTERY BACKUP SYSTEM (BBS) GRANT  
APPLICATION TO THE CALIFORNIA ENERGY COMMISSION; AND  
ACCEPTANCE OF A BBS GRANT AWARD RELATING TO THE  
PURCHASE AND INSTALLATION OF UNINTERRUPTIBLE POWER  
SUPPLY SYSTEM FOR TRAFFIC SIGNALS; AND FURTHER  
AUTHORIZING THE CITY MANAGER TO EXECUTE ALL  
NECESSARY DOCUMENTATION

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WHEREAS, in the spring of 2001, the City of Lodi investigated the possibility of installing battery backup systems in numerous traffic signals throughout the community. The research and investigation was a direct response to the California energy crisis and the potential for rolling energy blackouts in Lodi. In the event of a rolling blackout, traffic signals in Lodi that had been retrofitted with a battery back up system would continue to operate, thus reducing the impact on motorists and pedestrians in those given intersections. Based upon traffic flow and traffic volume, it was determined that 19 traffic signal intersections around Lodi would be the first such intersections to be retrofitted with a BBS; and

WHEREAS, having received City Council approval in April of 2001, the identified 19 intersections were retrofitted by June of 2001 with the BBS and related materials; and

WHEREAS, in late 2001, the California Energy Commission invited interested electric utility representatives and other local municipal officials to serve on a task force to recommend how state-approved grant dollars would be allocated to communities that had installed BBS in traffic signal intersections; and

WHEREAS, once the eligibility criteria were established, communities throughout the state were able to submit an application packet for a designated rebate amount. The City of Lodi has submitted its application, and pending approval of this resolution, will be awarded a grant in the amount of \$21,733; and

WHEREAS, staff recommends that the City Council approve the acceptance of the BBS grant award relating to the purchase and installation of uninterruptible power supply systems for 19 traffic signal intersections, and further recommends authorizing the City Manager to execute all of the necessary documents to implement and carry out the purpose of this resolution to successfully complete the BBS installations on behalf of the City of Lodi.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby accept the BBS grant award relating to the purchase and installation of uninterruptible power supply systems for 19 traffic signal intersections; and

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute all necessary documents to implement and carry out the purpose of this resolution to successfully complete the BBS installations on behalf of the City of Lodi.

Dated: March 5, 2003

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I hereby certify that Resolution No. 2003-31 was passed and adopted by the City Council of the City of Lodi in a regular meeting held March 5, 2003, by the following vote:

AYES: COUNCIL MEMBERS – Beckman, Hansen, Howard, Land, and Mayor Hitchcock

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON  
City Clerk