



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Public Hearing to Consider Introducing an Ordinance Amending Lodi Municipal Code Chapter 13.20. – Electrical Service – by Adding Section 13.20.325 “Schedule EV” Electric Vehicle Pilot Charging Rate

MEETING DATE: March 20, 2013

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: Public hearing to consider introducing an ordinance amending Lodi Municipal Code Chapter 13.20. – Electrical Service – by adding section 13.20.325 “Schedule EV” Electric Vehicle Pilot Charging Rate.

BACKGROUND INFORMATION: Staff is recommending the creation and implementation of the Lodi Electric Vehicle Pilot Charging Rate. This rate would be provided to residential customers who own, operate and store an electric vehicle at their Lodi residential properties. The purpose of this new rate is to encourage the electric vehicle marketplace in the Lodi community, reward customers for the ownership of these “zero emission” vehicles, and reduce peak hour charging.

The proposed rate is \$0.10427/kilowatt hour, and this rate is offered from 10 p.m. to 6 a.m. Monday through Friday, and 24 hours on weekends and national holidays. In the event a customer opts to charge his/her electric vehicle between 6 a.m. and 10 p.m., the electric rate will be \$0.33/kilowatt hour. A separate electric meter will be required in order for the customer to achieve this electric vehicle charging rate. The proposed “Schedule EV” is attached for reference.

There are growing concerns in the electric utility industry regarding the impact electric vehicles will have on local electric distribution systems. The concern stems from the potential of customers over-loading certain electric transformers by charging their electric vehicles during peak energy usage times. By providing a rate incentive for off-peak recharging, the utility will potentially experience less stress on the distribution system during times when energy is in its greatest demand.

Although this proposed electric vehicle rate is not mandated by the State of California, numerous municipal and investor-owned electric service providers are investigating the implementation of a similar rate, or, have already implemented such a rate (Azusa Water & Power, Los Angeles Water & Power Department, Pacific Gas & Electric Company, and Sacramento Municipal Utility District).

This new rate would be offered as a pilot, from July 1, 2013 to June 30, 2015.

FISCAL IMPACT: The magnitude of the financial impact for the proposed Lodi Electric Vehicle Charging Rate will be dependent upon the total number of participants.

FUNDING: Not applicable.

APPROVED: _____


Konradt Bartlam, City Manager



Elizabeth A. Kirkley
Electric Utility Director

PREPARED BY: Rob Lechner, Business Development Manager

EAK/RSL/lst



CITY OF LODI

ELECTRIC UTILITY DEPARTMENT

SCHEDULE EV

ELECTRIC VEHICLE CHARGING SERVICE

APPLICABILITY:

This schedule is applicable to single-phase electric vehicle charging service in single-family and multi-family dwellings separately metered by the City of Lodi. This schedule shall only be available to customers who purchase and install a separate electric meter dedicated to an electric vehicle charging station.

This Schedule EV may not be combined with any other electric rate or rate discount and all surcharges, including, but not limited to the California Energy Commission fee, solar surcharge, public benefits charge, state energy tax, and other assessments or charges after the date of this rate schedule shall be in addition to this rate schedule.

The Rate Schedule referenced above shall be effective on applicable electric utility billings prepared by the City of Lodi on or after July 1, 2013 and said utility rate discounts shall expire on June 30, 2015.

RATES:

Minimum Charge..... \$5.00

EV Charging period (per kWh)	\$0.10427
Non-EV Charging period (per kWh)	\$0.33000

ENERGY COST ADJUSTMENT (ECA):

An energy cost adjustment shall be included in each bill for service as provided in Section 13.20.175 Schedule ECA – Energy Cost Adjustment.

BILLING CYCLE CHARGE (MONTHLY BILL):

The billing cycle charge is the higher of the sum of the Minimum Charge and the ECA or the sum of the Energy Charge and the ECA.

DEFINITION OF TIME PERIODS:

Times of the day are defined as follows:

EV Charging Period: 10:00 p.m. to 6:00 a.m. Monday through Friday (including City observed holidays and weekends)

Non-EV Charging Period: 6:00 a.m. to 10:00 p.m. Monday through Friday (excluding City observed holidays)

ORDINANCE NO. _____

AN ORDINANCE OF THE LODI CITY COUNCIL AMENDING
LODI MUNICIPAL CODE CHAPTER 13.20 – ELECTRICAL
SERVICE – BY ADDING SECTION 13.20.325 “SCHEDULE
EV” ELECTRIC VEHICLE PILOT CHARGING RATE

=====

BE IT ORDAINED BY THE LODI CITY COUNCIL AS FOLLOWS:

SECTION 1. Lodi Municipal Code Section 13.20.325. "Schedule EV" Electric Vehicle Pilot Charging Rate," is hereby added to read as follows:

APPLICABILITY:

This schedule is applicable to all single-phase electric vehicle charging service in single-family and multi-family dwellings separately metered by the City of Lodi. This schedule shall only be available to customers who purchase and install a separate electric meter dedicated to an electric vehicle charging station.

The minimum charge is \$5.00. Between the hours of 10:00 pm to 6:00am Monday through Friday (excluding City observed holidays) the charge for a meter dedicated exclusively to charging electric vehicles shall be a flat rate of \$0.10427/kWh plus the ECA set forth in Section 13.20.175 of this Code ("ECA"). At all other times, the charge shall be a flat rate of \$0.33000/kWh plus the ECA.

This Schedule EV may not be combined with any other electric rate or rate discount and all surcharges, including, but not limited to the California Energy Commission fee, solar surcharge, public benefits charge, state energy tax, and other assessments or charges after the date of this rate schedule shall be in addition to this rate schedule.

The Rate Schedule referenced above shall be effective on applicable electric utility billings prepared by the City of Lodi on or after July 1, 2013 and said utility rate discounts shall expire on June 30, 2015.

SECTION 2. No Mandatory Duty of Care. This ordinance is not intended to and shall not be construed or given effect in a manner which imposes upon the City, or any officer or employee thereof, a mandatory duty of care towards persons or property within the City or outside of the City so as to provide a basis of civil liability for damages, except as otherwise imposed by law.

SECTION 3. Severability. If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application. To this end, the provisions of this ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof.

SECTION 4. All ordinances and parts of ordinances in conflict herewith are repealed insofar as such conflict may exist.

SECTION 5. This ordinance shall be published pursuant to law and shall become effective 30 days from the date of passage and adoption.

2013

Approved this ____ day of _____,

ALAN NAKANISHI
MAYOR

ATTEST:

RANDI JOHL
City Clerk

State of California
County of San Joaquin, ss.

I, Randi Johl, City Clerk of the City of Lodi, do hereby certify that Ordinance No. ____ was introduced at a regular meeting of the City Council of the City of Lodi held March 20, 2013, and was thereafter passed, adopted, and ordered to print at a regular meeting of said Council held _____, 2013, by the following vote:

AYES: COUNCIL MEMBERS –

NOES: COUNCIL MEMBERS –

ABSENT: COUNCIL MEMBERS –

ABSTAIN: COUNCIL MEMBERS –

I further certify that Ordinance No. ____ was approved and signed by the Mayor on the date of its passage and the same has been published pursuant to law.

RANDI JOHL
City Clerk

Approved to Form:

D. STEPHEN SCHWABAUER
City Attorney

City Council Meeting
March 20, 2013

PUBLIC HEARING: ELECTRIC VEHICLE PILOT CHARGING RATE



EV Pilot Charging Rate

- Why EV pilot charging rate
- Other utilities' EV rates
- Proposed EV pilot charging rate
- Questions

Why EV Pilot Charging Rate

- California leads nation in EV sales
- State legislation to “grow the EV market”
- Customer demand
- Distribution system reliability
- Economic Development tool



Other Utilities' EV Rates

◎ SMUD

- \$0.0243/kWh discount (winter off-peak rate)
- \$0.0271/kWh discount (summer off-peak rate)

◎ LADWP

- \$0.025/kWh discount (off-peak rate)

◎ Alameda

- \$0.06/kWh (designated kWh consumption)

◎ Azusa

- \$0.05/kWh off-peak



Proposed EV Pilot Charging Rate

- ⦿ July 2013 to June 2015
- ⦿ Off-peak
 - Flat rate \$0.10427/kWh
 - 10:00 p.m. - 6:00 a.m.
 - M – F, weekends & City holidays
- ⦿ On-peak
 - Flat rate \$0.33/kWh
 - 6:00 a.m. - 10:00 p.m.



EV Pilot Charging Rate





*Please immediately confirm receipt
of this fax by calling 333-6702*

CITY OF LODI
P. O. BOX 3006
LODI, CALIFORNIA 95241-1910

ADVERTISING INSTRUCTIONS

SUBJECT: PUBLIC HEARING TO CONSIDER LODI ELECTRIC VEHICLE PILOT CHARGING RATE

PUBLISH DATE: SATURDAY, MARCH 9, 2013

LEGAL AD

TEAR SHEETS WANTED: Three (3) please

SEND AFFIDAVIT AND BILL TO: RANDI JOHL, CITY CLERK
LNS ACCT. #0510052 City of Lodi
P.O. Box 3006
Lodi, CA 95241-1910

DATED: THURSDAY, MARCH 7, 2013

ORDERED BY: RANDI JOHL
CITY CLERK

Jennifer M. Robison
JENNIFER M. ROBISON, CMC
ASSISTANT CITY CLERK

MARIA DITMORE
ADMINISTRATIVE CLERK

Verify Appearance of this Legal in the Newspaper – Copy to File

Faxed to the Sentinel at 369-1084 at _____(time) on _____(date) _____(pages)
LNS _____ Phoned to confirm receipt of all pages at _____(time) _____JMR _____MB (initials)



DECLARATION OF POSTING

PUBLIC HEARING TO CONSIDER LODI ELECTRIC VEHICLE PILOT CHARGING RATE

On Thursday, March 7, 2013, in the City of Lodi, San Joaquin County, California, a Notice of Public Hearing to consider Lodi Electric Vehicle Pilot Charging Rate (attached and marked as Exhibit A), was posted at the following locations:

Lodi Public Library
Lodi City Clerk's Office
Lodi City Hall Lobby
Lodi Carnegie Forum

I declare under penalty of perjury that the foregoing is true and correct.

Executed on March 7, 2013, at Lodi, California.

ORDERED BY:

**RANDI JOHL
CITY CLERK**


JENNIFER M. ROBISON, CMC
ASSISTANT CITY CLERK

MARIA DITMORE
ADMINISTRATIVE CLERK



CITY OF LODI

Carnegie Forum
305 West Pine Street, Lodi

NOTICE OF PUBLIC HEARING

Date: March 20, 2013

Time: 7:00 p.m.

For information regarding this notice please contact:

Randi Johl
City Clerk

Telephone: (209) 333-6702

EXHIBIT A

NOTICE OF PUBLIC HEARING

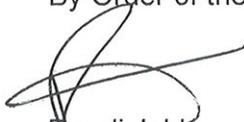
NOTICE IS HEREBY GIVEN that on **Wednesday, March 20, 2013**, at the hour of 7:00 p.m., or as soon thereafter as the matter may be heard, the City Council will conduct a public hearing at the Carnegie Forum, 305 West Pine Street, Lodi, to consider the following matter:

a) Lodi Electric Vehicle Pilot Charging Rate.

Information regarding this item may be obtained in the Electric Utility Department, 1331 South Ham Lane, Lodi, (209) 333-6762. All interested persons are invited to present their views and comments on this matter. Written statements may be filed with the City Clerk, City Hall, 221 West Pine Street, 2nd Floor, Lodi, 95240, at any time prior to the hearing scheduled herein, and oral statements may be made at said hearing.

If you challenge the subject matter in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice or in written correspondence delivered to the City Clerk, 221 West Pine Street, at or prior to the close of the public hearing.

By Order of the Lodi City Council:



Randi Johl
City Clerk

Dated: March 6, 2013

Approved as to form:



D. Stephen Schwabauer
City Attorney