



**LODI CITY COUNCIL**

**Carnegie Forum**  
305 West Pine Street, Lodi

**AGENDA – SPECIAL MEETING**

**Date: September 16, 2014**

**Time: 7:00 a.m.**

For information regarding this Agenda please contact:

**Jennifer M. Robison**

**City Clerk**

**Telephone: (209) 333-6702**

**A. Call to Order / Roll Call**

**B. Consent Calendar**

B-1 Set Public Hearing for October 1, 2014, to Consider Introducing an Ordinance Amending Lodi Municipal Code Chapter 13.20, "Electrical Service," Relating to Rate Schedules (EU)

**C. Adjourn to Closed Session**

C-1 Prospective Acquisition of Real Property; Price and Terms of Payment Under Negotiation; City Negotiators, Public Works Director Wally Sandelin and John F. Almazan, Senior Real Estate Agent, Interwest Consulting Group; Pursuant to Government Code Section 54956.8:

- a) A Portion of Property Located at 120 East Harney Lane (APN 058-130-24), Negotiating Party: Diane Y. Tsutsumi and Gary Tsutsumi, Trustee of the Gary & Joyce Tsutsumi 2011 Trust

**D. Return to Open Session / Disclosure of Action**

**E. Adjournment**

Pursuant to Section 54956.2(a) of the Government Code of the State of California, this agenda was posted at a place freely accessible to the public 24 hours in advance of the scheduled meeting.

\_\_\_\_\_  
Jennifer M. Robison  
City Clerk

*All staff reports or other written documentation relating to each item of business referred to on the agenda are on file in the Office of the City Clerk, located at 221 W. Pine Street, Lodi, and are available for public inspection. If requested, the agenda shall be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. To make a request for disability-related modification or accommodation contact the City Clerk's Office as soon as possible and at least 72 hours prior to the meeting date. Language interpreter requests must be received at least 72 hours in advance of the meeting to help ensure availability. Contact Jennifer M. Robison at (209) 333-6702. Solicitudes de interpretación de idiomas deben ser recibidas por lo menos con 72 horas de anticipación a la reunión para ayudar a asegurar la disponibilidad. Llame a Jennifer M. Robison (209) 333-6702.*

**\*\*NOTICE:** Pursuant to Government Code §54954.3(a), public comments may be directed to the legislative body concerning any item contained on the agenda for this meeting before (in the case of a Closed Session item) or during consideration of the item.\*\*



# CITY OF LODI COUNCIL COMMUNICATION

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**AGENDA TITLE:** Set Public Hearing for October 1, 2014, to Consider Introducing an Ordinance Amending Lodi Municipal Code Chapter 13.20, "Electrical Service," Relating to Rate Schedules

**MEETING DATE:** September 16, 2014

**PREPARED BY:** Electric Utility Director

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**RECOMMENDED ACTION:** Set Public Hearing for October 1, 2014, to consider introducing an ordinance amending Lodi Municipal Code Chapter 13.20, "Electrical Service," relating to rate schedules.

**BACKGROUND INFORMATION:** In January 2014, the City Council approved a contract with EES Consulting to develop a 10-year financial planning model to identify revenue requirements for the Lodi Electric Utility (LEU).

As such, the financial planning model was prepared in accordance with the following goals:

- 1) Ensure debt service coverage requirements are met as mandated by bond covenants;
- 2) Ensure adequate cash is available to fund operating expenses, debt service, deferred maintenance and unanticipated repairs;
- 3) Ensure sufficient reserves are available to meet both City Council reserve policies and contractual requirements with the Northern California Power Agency (NCPA); and
- 4) Ensure sufficient funding to protect and maintain the existing infrastructure of the LEU.

The financial planning model has been completed and revenue requirements have been identified through 2024 for the LEU (Exhibit A). The financial model includes a detailed analysis of rate and other revenue, in addition to power and non-power related expenditures.

Rate revenue has been forecasted considering growth in the residential and commercial customer classes, including load reductions resulting from energy efficiency improvements amongst all customer rate classes; the net effect resulting in anticipated load growth of approximately 0.4 percent. For Fiscal Year 2014/15, rate revenue is estimated to total approximately \$66 million (or 95 percent of total revenue). The remaining 5 percent of revenue includes auction proceeds received as a result of the consignment of freely allocated greenhouse gas allowances, contract work for others, development impact fees and interest.

Power supply costs comprise 55 percent of the LEU's annual budget and have been forecasted based on projected load in addition to NCPA fixed and variable costs associated with existing generation resources. In addition, costs associated with the new Astoria 2 LLC solar project have been included commencing in 2017. The power supply costs also include greenhouse gas and Renewables Portfolio Standard expenditures associated with meeting State mandates. Annual power supply costs are estimated at approximately \$40 million in the initial years. Power supply costs are funded through a base rate of 8.31 cents per kilowatt hour with increases or decreases in power supply costs adjusted through collection of the Energy Cost Adjustment approved by City Council in 2007.

Non-power supply costs, including debt service, contributions to the General Fund, energy efficiency, and operating and capital costs, comprise the remaining 45 percent of the LEU's annual budget and continue

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APPROVED: \_\_\_\_\_  
Stephen Schwabauer, City Manager

to increase as funding is needed to address deferred maintenance and capital infrastructure needs of the utility. LEU currently has two outstanding debt issues totaling approximately \$70 million; one of which will be paid off in Fiscal Year 2015/16, resulting in a net annual reduction of approximately \$3 million in debt service. Energy efficiency programs, totaling approximately \$2.5 million, are funded through the State mandated Solar Surcharge and Public Benefits charges paid by ratepayers. The Solar Surcharge and associated rebates are proposed to end by 2017. Operating expenses, including primarily labor costs, have been projected to increase annually by the 10-year historical Consumer Price Index (CPI) of 2.4 percent. In addition, the LEU provides approximately \$9 million to the General Fund for cost of service and Payment in Lieu of Taxes.

Capital costs over the 10-year forecast period total more than \$20 million to address deferred maintenance and system improvements, such as: underground and overhead infrastructure; substation maintenance and improvements; vehicles and equipment; LED streetlight improvements; distribution capacity upgrades; and 230 kV Interconnection Project planning efforts. A detailed listing of proposed capital improvements is attached as Exhibit B. Design and construction costs associated with the 230 kV Interconnection Project have not been included in the model as the savings realized from reduced transmission charges are anticipated to mitigate the associated costs of the project.

Based on projections of the revenue and expenditures described above, the LEU is anticipated to experience a \$2.5 million annual deficit in Fiscal Year 2014/15 and a \$5.3 million deficit in FY 2015/16 with annual deficits each year thereafter. Total LEU cash reserves are projected to be reduced by more than one-half, from \$21 million to \$9 million, by 2019 and down to \$1.5 million by 2023.

Additional rate revenue is necessary to gradually close the annual projected deficit for non-power supply costs and sufficiently fund deferred capital maintenance, but more important to meet both the reserve targets set forth by City Council policy as well as NCPA contractual reserve requirements.

To provide the additional revenue as identified in the 10-year financial forecast model, the LEU is proposing a 5 percent increase, effective January 1, 2015 with annual increases equal to the lesser of CPI or 2 percent as reflected in Exhibit C. The average residential customer, using 600 kWh per month, will see an approximate increase of \$5 per month. Increases to commercial and industrial customers will vary depending on average use and demand for each rate class.

The following rate schedules are affected and proposed as attached Exhibit D: EA (Residential Service), EL (Outdoor Dusk-to-Dawn Lighting), Schedule ES (City Facilities Service), Schedule EM (Mobile Home Park Service), Schedule EV (Electrical Vehicle Charging Service), Schedule G1 (General Service – Group 1 Commercial/Industrial), Schedule G2 (General Service – Group 2 Commercial/Industrial), Schedule G3 (General Service – Group 3 Commercial/Industrial), Schedule G4 (General Service – Group 4 Commercial/Industrial), Schedule G5 (General Service – Group 5 Commercial/Industrial), Schedule I1 (General Service – Group 5 Commercial/Industrial – Optional), and Schedule IE (Industrial Equipment Charging Service).

**FISCAL IMPACT:** The proposed rate increases are anticipated to provide an additional \$5 million in rate revenue through Fiscal Year 2015/16. Actual revenue realized will depend on customer growth and energy sales.

**FUNDING AVAILABLE:** Not applicable.

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Elizabeth A. Kirkley  
Electric Utility Director

Exhibit A - Lodi Electric Utility 10-Year Financial Forecast and Revenue Requirements (without Proposed Rate Increases)

Account	13/14 Est Act	14/15 Budget	15/16 Forecast	16/17 Forecast	17/18 Forecast	18/19 Forecast	19/20 Forecast	20/21 Forecast	21/22 Forecast	22/23 Forecast	23/24 Forecast
<b>Cash Basis</b>											
<b>Total Rate Revenue</b>	\$64,060,268	\$65,697,335	\$67,074,496	\$67,932,520	\$69,486,874	\$68,857,775	\$70,477,024	\$71,667,121	\$73,318,164	\$75,317,455	\$76,368,151
Additional Rate Revenue from Proposed Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Revenue (Op and Non-Op)	\$2,521,449	\$3,452,080	\$3,505,858	\$3,354,562	\$3,456,206	\$3,517,432	\$3,656,624	\$2,582,024	\$1,445,690	\$1,445,690	\$1,445,690
<b>Total Revenue</b>	<b>\$66,581,717</b>	<b>\$69,149,415</b>	<b>\$70,580,354</b>	<b>\$71,287,082</b>	<b>\$72,943,080</b>	<b>\$72,375,207</b>	<b>\$74,133,648</b>	<b>\$74,249,145</b>	<b>\$74,763,854</b>	<b>\$76,763,145</b>	<b>\$77,813,841</b>
Power Supply	\$38,673,020	\$39,552,170	\$41,082,751	\$41,819,476	\$43,513,778	\$43,074,534	\$44,565,212	\$45,626,492	\$47,147,937	\$48,996,564	\$49,934,872
Distribution											
Construction & Maintenance	\$4,556,323	\$4,330,600	\$6,238,983	\$6,388,020	\$6,540,626	\$6,696,886	\$6,856,888	\$7,020,721	\$7,188,477	\$7,360,250	\$7,536,136
Engineering & Operations	\$1,867,921	\$2,514,820	\$2,605,750	\$2,668,139	\$2,732,022	\$2,797,434	\$2,864,413	\$2,932,995	\$3,003,219	\$3,075,125	\$3,148,752
Rates and Resources	\$407,063	\$647,270	\$662,766	\$678,632	\$694,878	\$711,514	\$728,547	\$745,989	\$763,848	\$782,134	\$800,858
Administrative & General	\$1,206,177	\$1,262,860	\$1,293,093	\$1,324,049	\$1,355,747	\$1,388,203	\$1,421,437	\$1,455,466	\$1,490,309	\$1,525,987	\$1,562,519
In-Lieu Taxes	\$6,976,670	\$7,033,360	\$7,064,421	\$7,096,048	\$7,127,693	\$7,159,361	\$7,191,333	\$7,223,613	\$7,256,205	\$7,289,115	\$7,322,348
Internal Cost of Service	\$2,104,000	\$2,354,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000
Capital Funded from Rates	\$1,035,000	\$3,151,310	\$3,395,000	\$2,325,000	\$3,009,200	\$1,745,000	\$1,755,000	\$1,595,000	\$1,405,000	\$1,030,000	\$1,030,000
Debt Service											
Existing Debt Service	\$8,361,390	\$8,196,050	\$8,294,644	\$5,293,525	\$5,303,575	\$5,288,125	\$5,284,375	\$5,279,000	\$5,287,950	\$5,275,025	\$5,268,650
New Debt	\$0	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918
New Debt	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding of Reserves	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Public Benefits	\$2,041,780	\$2,389,510	\$2,566,908	\$2,589,522	\$1,730,103	\$1,731,267	\$1,743,292	\$1,771,703	\$1,756,466	\$1,799,069	\$1,769,621
<b>Total Expenses</b>	<b>\$67,229,344</b>	<b>\$71,676,868</b>	<b>\$75,853,235</b>	<b>\$72,831,330</b>	<b>\$74,656,540</b>	<b>\$73,241,243</b>	<b>\$74,809,415</b>	<b>\$76,049,896</b>	<b>\$77,698,330</b>	<b>\$79,532,187</b>	<b>\$80,772,675</b>
Surplus/(Deficit)	(\$647,627)	(\$2,527,453)	(\$5,272,881)	(\$1,544,249)	(\$1,713,460)	(\$866,036)	(\$675,766)	(\$1,800,751)	(\$2,934,476)	(\$2,769,042)	(\$2,958,834)
<b>Proposed Rate Adjustments</b>	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Available Cash	\$21,570,661	\$19,043,208	\$13,770,327	\$12,226,078	\$10,512,618	\$9,646,582	\$8,970,816	\$7,170,065	\$4,235,589	\$1,466,547	(\$1,492,287)

## Exhibit B - Lodi Electric Utility 10-Year Capital Improvement Program

<b>Capital Outlay (161)</b>											
	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24
Distribution Capacity Program	\$ -	\$ 400,000	\$ 400,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
12kV Underground Improvements (inc cable replacement)	\$ 125,000	\$ 500,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000
Streetlight Grounding and Fusing	\$ 250,000	\$ 507,160	\$ 240,000	\$ 240,000	\$ 240,000						\$ -
230 kV Interconnection	\$ 50,000	\$ 250,000	\$ 250,000	\$ 50,000	\$ 50,000						\$ -
12 kV Overhead Maintenance (inc reconductor and pole replacement)	\$ 10,000	\$ 750,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000
Ops Center Ergo Imp		\$ -									\$ -
Substation Improvements:											\$ -
Rpl BK2 @ Killelea			\$ 1,200,000								\$ -
Rewind old BK2			\$ -	\$ 600,000							\$ -
Battery @ Industrial		\$ 35,000									\$ -
Replace 60kV PCV Oil Breaker w/SF6 breaker			\$ 65,000		\$ 65,000						\$ -
Replace McLane OCB 6021 w/SF6 Breaker				\$ 55,000							\$ -
Rpl Killelea BK1 with rewind bank					\$ 160,000						\$ -
Rewind old Killelea BK1					\$ 600,000						\$ -
Rpl Henning OCB 6041 w/SF6 Breaker						\$ 65,000					\$ -
Rpl 5 - 12kV breakers and bus tie @ McLane						\$ 125,000					\$ -
New Corp Yard @ Industrial						\$ -	\$ -				\$ -
MSC Imp		\$ -	\$ 100,000	\$ 100,000	\$ 150,000	\$ 100,000	\$ 250,000	\$ 250,000			\$ -
ISD Equip Move (annex project)					\$ 629,200						\$ -
Annex Chiller		\$ 544,150									\$ -
Other	\$ 50,000										\$ -
<b>TOTAL</b>	<b>\$ 485,000</b>	<b>\$ 2,986,310</b>	<b>\$ 3,060,000</b>	<b>\$ 2,100,000</b>	<b>\$ 2,949,200</b>	<b>\$ 1,345,000</b>	<b>\$ 1,305,000</b>	<b>\$ 1,180,000</b>	<b>\$ 930,000</b>	<b>\$ 930,000</b>	<b>\$ 930,000</b>
<b>Vehicles/Rolling Stock</b>											
	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24
Vehicles/Rolling Stock	\$ 550,000	\$ 165,000	\$ 335,000	\$ 225,000	\$ 60,000	\$ 400,000	\$ 450,000	\$ 415,000	\$ 475,000	\$ 100,000	\$ 100,000
<b>TOTAL CAPITAL</b>	<b>\$ 1,035,000</b>	<b>\$ 3,151,310</b>	<b>\$ 3,395,000</b>	<b>\$ 2,325,000</b>	<b>\$ 3,009,200</b>	<b>\$ 1,745,000</b>	<b>\$ 1,755,000</b>	<b>\$ 1,595,000</b>	<b>\$ 1,405,000</b>	<b>\$ 1,030,000</b>	<b>\$ 1,030,000</b>

Exhibit C - Lodi Electric Utility 10-Year Financial Forecast and Revenue Requirements (with Proposed Rate Increases)

Account	13/14 Est Act	14/15 Budget	15/16 Forecast	16/17 Forecast	17/18 Forecast	18/19 Forecast	19/20 Forecast	20/21 Forecast	21/22 Forecast	22/23 Forecast	23/24 Forecast
<b>Cash Basis</b>											
<b>Total Rate Revenue</b>	\$64,060,268	\$65,697,335	\$67,074,496	\$67,932,520	\$69,486,874	\$68,857,775	\$70,477,024	\$71,667,121	\$73,318,164	\$75,317,455	\$76,368,151
Additional Rate Revenue from Proposed Adjustments	\$0	\$1,506,230	\$3,667,670	\$4,965,015	\$6,297,946	\$7,667,268	\$7,696,374	\$7,725,466	\$7,754,539	\$7,783,590	\$7,812,615
Other Revenue (Op and Non-Op)	\$2,521,449	\$3,452,080	\$3,505,858	\$3,354,562	\$3,456,206	\$3,517,432	\$3,656,624	\$2,582,024	\$1,445,690	\$1,445,690	\$1,445,690
<b>Total Revenue</b>	<b>\$66,581,717</b>	<b>\$70,655,645</b>	<b>\$74,248,023</b>	<b>\$76,252,097</b>	<b>\$79,241,026</b>	<b>\$80,042,475</b>	<b>\$81,830,022</b>	<b>\$81,974,610</b>	<b>\$82,518,393</b>	<b>\$84,546,735</b>	<b>\$85,626,456</b>
Power Supply	\$38,673,020	\$39,552,170	\$41,082,751	\$41,819,476	\$43,513,778	\$43,074,534	\$44,565,212	\$45,626,492	\$47,147,937	\$48,996,564	\$49,934,872
Distribution											
Construction & Maintenance	\$4,556,323	\$4,330,600	\$6,238,983	\$6,388,020	\$6,540,626	\$6,696,886	\$6,856,888	\$7,020,721	\$7,188,477	\$7,360,250	\$7,536,136
Engineering & Operations	\$1,867,921	\$2,514,820	\$2,605,750	\$2,668,139	\$2,732,022	\$2,797,434	\$2,864,413	\$2,932,995	\$3,003,219	\$3,075,125	\$3,148,752
Rates and Resources	\$407,063	\$647,270	\$662,766	\$678,632	\$694,878	\$711,514	\$728,547	\$745,989	\$763,848	\$782,134	\$800,858
Administrative & General	\$1,206,177	\$1,262,860	\$1,293,093	\$1,324,049	\$1,355,747	\$1,388,203	\$1,421,437	\$1,455,466	\$1,490,309	\$1,525,987	\$1,562,519
In-Lieu Taxes	\$6,976,670	\$7,033,360	\$7,064,421	\$7,096,048	\$7,127,693	\$7,159,361	\$7,191,333	\$7,223,613	\$7,256,205	\$7,289,115	\$7,322,348
Internal Cost of Service	\$2,104,000	\$2,354,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000	\$2,154,000
Capital Funded from Rates	\$1,035,000	\$3,151,310	\$3,395,000	\$2,325,000	\$3,009,200	\$1,745,000	\$1,755,000	\$1,595,000	\$1,405,000	\$1,030,000	\$1,030,000
Debt Service											
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New Debt	\$0	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918	\$244,918
New Debt	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding of Reserves	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Public Benefits	\$2,041,780	\$2,389,510	\$2,566,908	\$2,589,522	\$1,730,103	\$1,731,267	\$1,743,292	\$1,771,703	\$1,756,466	\$1,799,069	\$1,769,621
<b>Total Expenses</b>	<b>\$67,229,344</b>	<b>\$71,676,868</b>	<b>\$75,853,235</b>	<b>\$72,831,330</b>	<b>\$74,656,540</b>	<b>\$73,241,243</b>	<b>\$74,809,415</b>	<b>\$76,049,896</b>	<b>\$77,698,330</b>	<b>\$79,532,187</b>	<b>\$80,772,675</b>
Surplus/(Deficit)	(\$647,627)	(\$1,021,223)	(\$1,605,211)	\$3,420,767	\$4,584,485	\$6,801,232	\$7,020,608	\$5,924,714	\$4,820,063	\$5,014,548	\$4,853,781
<b>Proposed Rate Adjustments</b>	0.0%	2.5%	3.5%	2.0%	2.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Available Cash	\$21,570,661	\$20,549,438	\$18,944,227	\$22,364,993	\$26,949,479	\$33,750,711	\$40,771,318	\$46,696,033	\$51,516,096	\$56,530,644	\$61,384,425



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE EA

### RESIDENTIAL SERVICE

**APPLICABILITY:**

This schedule is applicable to single-phase domestic power service in single-family and multi-family dwellings separately metered by the City including those on discontinued all electric rate schedule, EE.

**RATES:**

Minimum Charge.....\$5.25

**Energy Charge is by Tier of kWh usage:**

	<b><u>Tier 1</u></b> (Baseline)	<b><u>Tier 2</u></b> (101-130% of baseline)	<b><u>Tier 3</u></b> 131-200% of baseline)	<b><u>Tier 4</u></b> (201-300% of baseline)	<b><u>Tier 5</u></b> (Over 300% of baseline)
\$/kWh	\$0.14910	\$0.15225	\$0.23468	\$0.33390	\$0.34650

**Summer (May through October) Energy Tiers**

	<b><u>Tier 1</u></b> (Baseline)	<b><u>Tier 2</u></b> (101-130% of baseline)	<b><u>Tier 3</u></b> 131-200% of baseline)	<b><u>Tier 4</u></b> (201-300% of baseline)	<b><u>Tier 5</u></b> (Over 300% of baseline)
Beginning Tier kWh/month	0	482	626	963	>1,443
Ending Tier kWh/month	481	625	962	1,443	

**Winter (November through April) Energy Tiers**

	<b><u>Tier 1</u></b> (Baseline)	<b><u>Tier 2</u></b> (101-130% of baseline)	<b><u>Tier 3</u></b> 131-200% of baseline)	<b><u>Tier 4</u></b> (201-300% of baseline)	<b><u>Tier 5</u></b> (Over 300% of baseline)
Beginning Tier kWh/month	0	392	509	783	>1,173
Ending Tier kWh/month	391	508	782	1,173	

**ENERGY COST AJUSTMENT (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.

SCHEDULE EA  
RESIDENTIAL SERVICE

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**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.

**SPECIAL CONDITIONS:**

- (a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.
- (b) This rate does not apply to service used for common area and facilities in multi-family dwellings.
- (c) An additional discount is available as described in Schedule MR, Residential Medical Discount.

**FIXED INCOME DISCOUNT:**

For those customers who are on fixed incomes below \$45,000 annually and who are over 62 years of age, and do not qualify for any other discount, a discount of 5% shall apply to the electric bill. Procedures as to qualification will be established by the Electric Utility Department.



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE EM

#### MOBILE HOME PARK SERVICE

**APPLICABILITY:**

This schedule is applicable to service supplied to mobile home parks through one meter and sub-metered to all individual mobile home units.

**RATES:**

Minimum Charge.....\$5.25

**Energy Charge is by Tier of kWh usage:**

	<b><u>Tier 1</u></b> (Baseline)	<b><u>Tier 2</u></b> (101-130% of baseline)	<b><u>Tier 3</u></b> 131-200% of baseline)	<b><u>Tier 4</u></b> (201-300% of baseline)	<b><u>Tier 5</u></b> (Over 300% of baseline)
\$/kWh	\$0.14910	\$0.15225	\$0.23468	\$0.33390	\$0.34650

**Summer (May through October) Energy Tiers**

	<b><u>Tier 1</u></b> (Baseline)	<b><u>Tier 2</u></b> (101-130% of baseline)	<b><u>Tier 3</u></b> 131-200% of baseline)	<b><u>Tier 4</u></b> (201-300% of baseline)	<b><u>Tier 5</u></b> (Over 300% of baseline)
Beginning Tier kWh/month	0	482	626	963	>1,443
Ending Tier kWh/month	481	625	962	1,443	

**Winter (November through April) Energy Tiers**

	<b><u>Tier 1</u></b> (Baseline)	<b><u>Tier 2</u></b> (101-130% of baseline)	<b><u>Tier 3</u></b> 131-200% of baseline)	<b><u>Tier 4</u></b> (201-300% of baseline)	<b><u>Tier 5</u></b> (Over 300% of baseline)
Beginning Tier kWh/month	0	392	509	783	>1,173
Ending Tier kWh/month	391	508	782	1,173	

**MASTER METER / SUB-METER DISCOUNT:**

For each occupied mobile home park unit, the park owner will receive a monthly discount in the same amount as allowed to PG&E by the California Public Utilities Commission for the nearest geographic area, expressed as one twelfth of a discount amount based on a 365 day year.

Effective January 1, 2015

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SCHEDULE EM

MOBILE HOME PARK SERVICE

---

**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 Minimum Charge or the sum of the Energy Charge, the Discount and the ECA.

**SPECIAL CONDITIONS:**

- (a) This rate is available only for mobile home park master metering in service prior to March 31, 1989.
- (b) It is the responsibility of the master-metered customer to notify the City Finance Department by the 5<sup>th</sup> day of each month of any change in the number of occupied mobile home park units wired for service on the first day of that month.
- (c) Miscellaneous electric loads such as general lighting, laundry rooms, general maintenance, and other similar use incidental to the operation of the premises as a multi-family accommodation will be considered domestic use.
- (d) For the master-metered Customer to qualify for Single Household Alternative Rate for Energy (SHARE) and/or the Residential Medical Discount, the qualified sub-metered tenants of the master-metered Customer must submit the applicable application(s), including the tenant's unit number, to the City of Lodi Finance Department. The City of Lodi Finance Department will notify the master-metered Customer in writing of the tenant's certification for these programs.
- (e) For tenants who are on fixed incomes below \$45,000 annually and who are over 62 years of age, and do not qualify for any other discount, a discount of 5% of the qualifying tenant's electric bill (Fixed Income Discount) shall be provided to the master-metered Customer. Procedures as to qualification will be established by the Electric Utility Department.
- (f) The master-metered customer, not the City of Lodi, is responsible for extending the SHARE, Residential Medical Discount, and Fixed Income Discount to tenants certified to receive them. If verification establishes that the SHARE, Residential Medical Discount, or Fixed Income Discount tenant is ineligible, the tenant will be removed from the master-metered Customer's qualified tenants and the City of Lodi may render corrective billings.
- (g) The master-metered Customer shall not bill any sub-metered tenant more than that tenant would be billed if that tenant were an individual customer of the City of Lodi. For a qualifying SHARE tenant, the master-metered Customer shall bill the qualifying tenant at the applicable rates equivalent to Schedule ED, Residential SHARE Program Service. For a tenant qualifying for a Residential Medical Discount, the master-metered Customer shall bill the qualifying tenant in accordance with the provisions of Schedule MR, Residential Medical Discount. For tenants qualifying for a Fixed Income Discount, the master-metered Customer shall bill the qualifying tenant in accordance with the provisions of paragraph (e) herein.

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SCHEDULE EM

MOBILE HOME PARK SERVICE

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A tenant not qualified for any of the above discounts shall be billed using the same rate schedule that the City bills the park owner (e.g., in accordance with the section titled "Rates" herein), excepting the Master Meter / Sub-Meter Discount shall not be provided to tenants.

- (h) The master-meter/sub-meter rate discount provided herein prohibits further recovery by mobile home park owners for the costs of owning, operating and maintaining their electric sub-metered system.
- (i) Upon request, mobile home park owners must submit copies of their tenant billings to the City of Lodi for auditing to ensure compliance with this rate tariff, provided however that such requests shall not be made more often than semi-annually.

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Effective January 1, 2015

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# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE EL

### OUTDOOR DUSK-TO-DAWN LIGHTING

#### **APPLICABILITY:**

This schedule is applicable to City-owned and maintained outdoor overhead area lighting service. Dusk-to-Dawn lighting may not be used for street lighting purposes.

#### **RATES:**

For each 6,000 lumen gas discharge lamp ..... \$12.76 per billing cycle

For each 18,000 lumen gas discharge lamp ..... \$23.69 per billing cycle

#### **ENERGY COST AJUSTMENT (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):**

- (a) Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by the City of Lodi Electric Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by the City of Lodi. Lamps will be controlled from dusk to dawn each night so as to give approximately 4,380 hours of service annually.
- (b) Upon receipt of notice from a customer of failure of light to operate as scheduled, the City of Lodi Electric Utility Department will, within a reasonable period of time, make the necessary repairs.
- (c) Relocation of existing outdoor lighting service equipment or the installation of additional facilities required other than mentioned in (a) above shall be at customer's expense prior to starting work.



# 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.

#### **RATES:**

Minimum Charge.....\$5.25

EV Charging period (per kWh)	0.14910
Non-EV Charging period (per kWh)	0.34650

#### **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: 8:00 p.m. to 6:00 a.m. Monday through Friday (and all day weekends and holidays).

Non-EV Charging period:6:00 a.m. to 8:00 p.m. Monday through Friday (excluding weekends and holidays).



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE ES

### CITY FACILITIES SERVICE

#### **APPLICABILITY:**

This schedule is applicable only to those city facilities currently on schedule ES.

#### **RATES:**

Minimum Charge.....\$5.25

Energy Charge per kWh ..... \$ .10948

#### **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.



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE G1

#### GENERAL SERVICE – GROUP 1 COMMERCIAL/INDUSTRIAL

#### **APPLICABILITY:**

This schedule is applicable to customers with single-phase or three-phase service, or to a combination thereof, whose energy consumption does not exceed 8,000 kilowatt-hours (kWh) per billing cycle for three consecutive billing cycles. This schedule is not available for service when another commercial/industrial schedule is applicable.

Assignment to Schedule: If, in the judgement of the City, an account is expected to have usage below 8,000 kWh per billing cycle, the City has the option of placing the account immediately on this schedule.

When an account billed on this schedule permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes.

If energy consumption equals or exceeds 8,000 kWh for three consecutive billing cycles, the City will transfer the account to the appropriate rate schedule. If the demand reaches or exceeds 400 kW for three consecutive billing cycles, the account will be transferred to the appropriate rate schedule.

#### **RATES:**

Customer Charge: (per meter per billing cycle)

Single-Phase Service .....	\$7.35
Three-Phase or Combination Service .....	10.87

Energy Charge: (\$ per kWh)

Summer (May through October) .....	\$0.18883
Winter (November through April) .....	\$0.13965

#### **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.

SCHEDULE G1

GENERAL SERVICE – GROUP 1 COMMERCIAL/INDUSTRIAL

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**COMMUNITY BENEFITS INCENTIVE DISCOUNT:**

G1-Non-profit (as defined in Federal Internal Revenue 501 (c) (3)) Industrial/Commercial customers who are currently receiving Federal Community Development Block Grant funds or have received such funds not more than two years before preparation of the current billing cycle charge are eligible for the following discount on Energy and Demand charges:

July 1, 1996 and after ..... 30%

It is the customer's responsibility to notify the Finance Department of this eligibility.

This discount may not be used in conjunction with any other incentive discount.

**BILLING CYCLE CHARGE (MONTHLY BILL):**

The billing cycle charge is the sum of the Customer Charge, the Energy Charge and the ECA.



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE G2

#### GENERAL SERVICE - GROUP 2 COMMERCIAL/INDUSTRIAL

#### **APPLICABILITY:**

This schedule will be applied to accounts with energy consumption in excess of 8,000 kilowatt-hours (kWh) for three consecutive billing cycles. This schedule is not available for service when another commercial/industrial schedule is applicable.

**Billing Demand:** The billing demand in any billing cycle will be the maximum average power taken during any metering interval in the period, but not less than the diversified resistance welder load. (The customary metering interval is 15 minutes; in cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.)

**Assignment to Schedule:** If, in the judgement of the City, an account is expected to have usage over 8,000 kWh per billing cycle, the City has the option of placing the account immediately on this schedule.

When an account billed on this schedule permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such changes.

If energy consumption drops below 8,000 kWh and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate schedule. If the billing demand reaches or exceeds 400 kW for three consecutive billing cycles, the account will be transferred to the appropriate rate schedule as soon as practicable.

#### **RATES:**

Customer Charge: (per meter per billing cycle) .....	\$59.20
Demand Charge:	
All kW of billing demand, per kW .....	4.10
Energy Charge: (per kWh)	
Summer (May through October) .....	\$0.15519
Winter (November through April) .....	\$0.12423

#### **ENERGY COST AJUSTMENT (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.

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SCHEDULE G2

GENERAL SERVICE - GROUP 2 COMMERCIAL/INDUSTRIAL

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**VOLTAGE DISCOUNT:**

When delivery is made at the same primary distribution voltage as that of the line from which the service is supplied, a 4% discount will be allowed on the sum of the Demand Charge and the Energy Charge.

**COMMUNITY BENEFITS INCENTIVE DISCOUNT:**

G2-Non-profit (as defined in Federal Internal Revenue 501 (c) (3)) Industrial/Commercial customers who are currently receiving Federal Community Development Block Grant funds or have received such funds not more than two years before preparation of the current billing cycle charge are eligible for the following discount on Energy and Demand charges:

July 1, 1996 and after ..... 30%

It is the customer's responsibility to notify the Finance Department of this eligibility.

This discount may not be used in conjunction with any other incentive discount.

**BILLING CYCLE CHARGE (MONTHLY BILL):**

The billing cycle charge is the sum of the Customer Charge, the Demand Charge, the Energy Charge, the ECA and the voltage discount, if applicable.



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE G3

#### GENERAL SERVICE - GROUP 3 COMMERCIAL/INDUSTRIAL

**APPLICABILITY:**

This schedule shall be applied to accounts with billing period demands of between 400 kilowatts (kW) and 500 kW for three consecutive billing cycles. This schedule is not available for service when another commercial/industrial schedule is applicable.

Demand: The billing period and peak period demands will be the maximum average power taken during any 15-minute interval in the billing period and peak period, respectively, but not less than the diversified resistance welder load. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.

Assignment to Schedule: If, in the judgement of the City, an account is expected to have billing period demand of 400 kW or more and less than 500 kW per billing cycle, the City has the option of placing the account immediately on this schedule.

When an account billed on this schedule permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such changes.

If billing period demand drops below 400 kW and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate rate schedule. If billing period demand reaches or exceeds 500 kW for three consecutive billing cycles, the account will be transferred to the appropriate rate schedule.

**RATES:**

Customer Charge (per meter per billing cycle).....	\$134.54			
Service Voltage:	<u>Secondary (G3-S)</u>		<u>Primary (G3-P)</u>	
Season:	Summer	Winter	Summer	Winter
Demand Charges:				
Per kW of peak period demand.....	\$11.47	--	\$10.76	--
Per kW of billing period demand.....	\$ 4.10	\$ 4.10	\$ 3.17	\$ 3.17
Energy Charge:				
Peak period (per kWh)....	0.16890	--	0.16280	--
Partial peak period (per kWh) .....	0.13528	0.12259	0.13086	0.11880
Off peak period (per kWh) .....	0.11621	0.11188	0.11274	0.10862

Effective January 1, 2015  
Ordinance No. XXXX

## SCHEDULE G3

### GENERAL SERVICE - GROUP 3 COMMERCIAL/INDUSTRIAL

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#### **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.

#### **TYPES OF CHARGES:**

The billing cycle charge for service is the sum of the Customer Charge, the Demand Charges, the Energy Charges, the ECA and the Power Factor Adjustment:

**CUSTOMER CHARGE:** The Customer Charge is a flat monthly fee.

**DEMAND CHARGES:** This schedule has two Demand Charges: A peak period Demand Charge and a billing period Demand Charge. The peak period Demand Charge per kW applies to the maximum average power taken during any metering interval during the billing cycle's peak hours. The billing period Demand Charge per kW applies to the maximum average power taken during any metering interval at any time during the billing cycle. The bill will include both Demand Charges. Time periods are defined below.

**ENERGY CHARGES:** This schedule has three Energy Charges: A peak period Energy Charge, a partial peak period Energy Charge, and an off peak period Energy Charge. The peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's peak hours. Partial peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's partial peak hours. Off peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's off peak hours. The bill will include all of these Energy Charges. Time periods are defined below.

**ECA:** The ECA is a per kWh charge applied to the total kWh used during the billing cycle.

Monthly charges may be decreased or increased based upon power factor as defined below.

As shown on the rates above, Demand and Energy Charges are based on the voltage at which service is taken. Service voltages are defined below.

#### **DEFINITION OF SERVICE VOLTAGE:**

The service voltage classes are:

- (a) **Primary:** Service Voltage class for service at 12,000 volts (nominal).
- (b) **Secondary:** Service Voltage class for service at available voltages below 12,000 volts (nominal).

## SCHEDULE G3

### GENERAL SERVICE - GROUP 3 COMMERCIAL/INDUSTRIAL

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#### **POWER FACTOR ADJUSTMENT:**

Bills will be adjusted for billing cycle average power factor as follows:

The total charge (except taxes and customer charge) for any billing cycle as computed on the above rates shall be decreased or increased, respectively, by 0.0006% for each 0.01 percentage point that the average power factor of the customer's load in the billing cycle is greater or less than 95.00%, such average power factor to be computed (to the nearest hundredth of a percent) from the ratio of lagging kilovolt ampere-hours to kilowatt-hours consumed in the billing cycle.

Customers with service entrance equipment unable to accommodate the City's reactive metering equipment shall have their billing power factor determined by testing performed by the City.

#### **DEFINITION OF TIME PERIODS:**

Times of the year and times of the day are defined as follows:

##### **SUMMER:** (May 1 through October 31)

- Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).
- Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m. Monday through Friday (except holidays).
- Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

##### **WINTER:** (November 1 through April 30)

- Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except holidays).
- Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

##### **HOLIDAYS:**

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE G4

#### GENERAL SERVICE - GROUP 4 COMMERCIAL/INDUSTRIAL

**APPLICABILITY:**

This schedule shall be applied to accounts with billing period demands of between 500 kilowatts (kW) and 1,000 kW for three consecutive billing cycles. This schedule is not available for service when another commercial/industrial schedule is applicable.

**Demand:** The billing period and peak period demands will be the maximum average power taken during any 15-minute interval in the billing period and peak period, respectively, but not less than the diversified resistance welder load. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.

**Assignment to Schedule:** If, in the judgement of the City, an account is expected to have billing period demand between 500 kW and 1,000 kW per billing cycle, the City has the option of placing the account immediately on this schedule.

When an account billed on this schedule permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such changes.

If billing period demand drops below 500 kW and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate rate schedule. If billing period demand reaches or exceeds 1,000 kW for three consecutive billing cycles, the account will be transferred to the appropriate rate schedule.

**RATES:**

Customer Charge (per meter per billing cycle).....	\$134.54			
Service Voltage:	Secondary (G4-S)	Primary (G4-P)		
Season:	Summer      Winter	Summer      Winter		
Demand Charges:				
Per kW of peak period demand.....	\$11.47	--	\$10.76	--
Per kW of billing period demand.....	\$ 4.10	\$ 4.10	\$ 3.17	\$ 3.17
Energy Charges:				
Peak period (per kWh)..	0.15592	---	0.14988	--
Partial peak period (per kWh).....	0.12225	0.11031	0.11791	0.10657
Off peak period (per kWh).....	0.10322	0.09969	0.09981	0.09647

Effective January 1, 2015  
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## SCHEDULE G4

### GENERAL SERVICE - GROUP 4 COMMERCIAL/INDUSTRIAL

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#### **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.

#### **TYPES OF CHARGES:**

The billing cycle charge for service is the sum of the Customer Charge, the Demand Charges, the Energy Charges, the ECA and the Power Factor Adjustment:

**CUSTOMER CHARGE:** The Customer Charge is a flat monthly fee.

**DEMAND CHARGES:** This schedule has two Demand Charges: A peak period Demand Charge and a billing period Demand Charge. The peak period Demand Charge per kW applies to the maximum average power taken during any metering interval during the billing cycle's peak hours. The billing period Demand Charge per kW applies to the maximum average power taken during any metering interval at any time during the billing cycle. The bill will include both of these Demand Charges. Time periods are defined below.

**ENERGY CHARGES:** This schedule has three Energy Charges: A peak period Energy Charge, a partial peak period Energy Charge, and an off peak period Energy Charge. The peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's peak hours. Partial peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's partial peak hours. Off peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's off peak hours. The bill will include all of these Energy Charges. Time periods are defined below.

**ECA:** The ECA is a per kWh charge applied to the total kWh used during the billing cycle.

Monthly charges may be decreased or increased based upon power factor as defined below.

As shown on the rates above, Demand and Energy Charges are based on the voltage at which service is taken. Service Voltages are defined below.

## SCHEDULE G4

### GENERAL SERVICE - GROUP 4 COMMERCIAL/INDUSTRIAL

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#### **DEFINITION OF SERVICE VOLTAGE:**

The service voltage classes are:

- (a) Primary: Service Voltage class for service at 12,000 volts (nominal).
- (b) Secondary: Service Voltage class for service at available voltages below 12,000 volts (nominal).

#### **POWER FACTOR ADJUSTMENT:**

Bills will be adjusted for billing cycle average power factors as follows:

The total charge (except taxes and customer charge) for any billing cycle as computed on the above rates shall be decreased or increased, respectively, by 0.0006% for each 0.01 percentage point that the average power factor of the customer's load in the billing cycle is greater or less than 95.00%, such average power factor to be computed (to the nearest hundredth of a percent) from the ratio of lagging kilovolt ampere-hours to kilowatt-hours consumed in the billing cycle.

Customers with service entrance equipment unable to accommodate the City's reactive metering equipment shall have their billing power factor determined by testing performed by the City.

#### **DEFINITION OF TIME PERIODS:**

Times of the year and times of the day are defined as follows:

##### SUMMER (May 1 through October 31)

- Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).
- Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m. Monday through Friday (except holidays).
- Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

##### WINTER (November 1 through April 30)

- Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except holidays).
- Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

#### **HOLIDAYS:**

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.

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Effective January 1, 2015  
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# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE G5

#### GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL

**APPLICABILITY:**

This schedule shall be applied to accounts with billing period demands of 1,000 kilowatts (kW) or more for three consecutive months, unless the customer elects an optional rate schedule the account would otherwise qualify for.

**Demand:** The billing period and peak period demands will be the maximum average power taken during any 15-minute interval in the billing period and peak period, respectively, but not less than the diversified resistance welder load. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.

**Assignment to Schedule:** If, in the judgement of the City, an account is expected to have billing period demand of 1,000 kW or more per billing cycle, the City has the option of placing the account immediately on this schedule.

When an account billed on this schedule permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such change.

If billing period demand drops below 1,000 kW and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate rate schedule

**RATES:**

Customer Charge (per meter per billing cycle) .....		\$134.54		
Service Voltage:	Secondary (G5-S)		Primary (G5-P)	
Season:	Summer	Winter	Summer	Winter
Demand Charges:				
Per kW of peak period demand .....	\$11.47	--	\$10.76	--
Per kW of billing period demand .....	\$ 4.10	\$ 4.10	\$ 3.17	\$ 3.17
Energy Charges:				
Peak period (per kWh) .....	0.14365	--	0.13794	--
Partial peak period (per kWh).....	0.11005	0.09825	0.10602	0.09481
Off peak period (per kWh).....	0.09311	0.09009	0.08993	0.08706
Economic Stimulus Rate				
Credit: (per kWh).....	0.00431	0.00431	0.00431	0.00431

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Ordinance No. XXXX

## SCHEDULE G5

### GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL

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#### **TYPES OF CHARGES:**

##### **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.

The billing cycle for service is the sum of the Customer Charge, the Demand Charges, the Energy Charges, the ECA and the Power Factor Adjustment.

**CUSTOMER CHARGE:** The Customer Charge is a flat monthly fee.

**DEMAND CHARGES:** This schedule has two Demand Charges: A peak period Demand Charge and a billing period Demand Charge. The peak period Demand Charge per kW applies to the maximum average power taken during any metering interval during the billing cycle's peak hours. The billing period Demand Charge per kW applies to the maximum average power taken during any metering interval at any time during the billing cycle. The bill will include both of these Demand Charges. Time periods are defined below.

**ENERGY CHARGES:** This schedule has three Energy Charges: A peak period Energy Charge, a partial peak period Energy Charge, and an off peak period Energy Charge. The peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's peak hours. Partial peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's partial peak hours. Off peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's off peak hours. The bill will include all of these Energy Charges. Time periods are defined below.

**ECA:** The ECA is a per kWh charge applied to the total kWh used during the billing cycle.

Monthly charges may be decreased or increased based upon power factor as defined below.

As shown on the rates above, Demand and Energy Charges are based on the voltage at which service is taken. Service Voltages are defined below.

#### **DEFINITION OF SERVICE VOLTAGE:**

The service voltage classes are:

- (a) **Primary:** Service Voltage class for service at 12,000 volts (nominal).
- (b) **Secondary:** Service Voltage class for service at available voltages below 12,000 volts (nominal).

## SCHEDULE G5

### GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL

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#### **POWER FACTOR ADJUSTMENTS:**

Bills will be adjusted for billing cycle average power factor as follows:

The total charge (except taxes and customer charge) for any billing cycle as computed on the above rates shall be decreased or increased, respectively, by 0.0006% for each 0.01 percentage point that the average power factor of the customer's load in the billing cycle is greater or less than 95.00%, such average power factor to be computed (to the nearest hundredth of a percent) from the ratio of lagging kilovolt ampere-hours to kilowatt-hours consumed in the billing cycle.

Customers with service entrance equipment unable to accommodate the City's reactive metering equipment shall have their billing power factor determined by testing performed by the City.

#### **DEFINITION OF TIME PERIODS:**

Times of the year and times of the day are defined as follows:

**SUMMER:** (May 1 through October 31)

Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).

Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m. Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

**WINTER:** (November 1 through April 30)

Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

**HOLIDAYS:**

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.

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Effective January 1, 2015  
Ordinance No. XXXX



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE I1

#### GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL - OPTIONAL

#### APPLICABILITY:

This schedule is an optional rate for accounts who would otherwise qualify for primary service under the G5 rate schedule with billing period demands of 1,000 kilowatts (kW) or more for three consecutive months.

**Demand:** The billing period and peak period demands will be the maximum average power taken during any 15-minute period interval in the billing period and peak period, respectively, but not less than the diversified resistance welder load. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.

**Assignment to Schedule:** Assignment to this schedule is at the option of the customer and does not supersede any standby service contracts.

This rate schedule is prospective and not subject to rebate or retroactivity.

When a customer chooses to be assigned to this schedule, the customer elects the City of Lodi (City) to be the sole electric power requirements provider of choice. The customer must give the City three year written notice before the customer can elect to use another electric power requirements provider.

When a customer has a measurable incremental permanent load increase of 200 kW or greater, over the highest billing period demand in the previous twelve (12) months the customer will be eligible for a ten (10) percent discount on the incremental Demand and Energy charges. Such billing change will be made as soon as practicable after verification of said changes and is not subject to rebate or retroactivity. It shall be the responsibility of the customer to notify the City of any such change.

When an account billed on this schedule qualifies for another City bundled rate schedule, the customer may elect to be billed on that other rate schedule. When a customer chooses to be assigned to another bundled rate a three-year written notice is still required before the customer can elect to use another electric power requirements provider.

If the billing period demand drops below 1,000 kW and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate rate schedule and the customer will be subject to the requirements of the appropriate schedule, rather than schedule I1.

SCHEDULE I1

GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL - OPTIONAL

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**RATES:**

Customer Charge (per meter per billing cycle)..... \$134.54

Service Voltage: Primary (I1-P)  
 Season: Summer Winter

Demand Charges:

Per kW of peak period demand..... \$10.76 --  
 Per kW of billing period demand..... \$ 3.17 \$ 3.17

Energy Charges:

<b>&lt; 4000 kW</b>	<b>Summer</b>	<b>Winter</b>
Peak period (per kWh)	0.14029	--
Partial peak period (per kWh)	0.10807	0.09972
Off peak period (per kWh)	0.09245	0.09177

<b>≥4000 kW</b>	<b>Summer</b>	<b>Winter</b>
Peak period (per kWh)	0.13378	--
Partial peak period (per kWh)	0.10156	0.09321
Off peak period (per kWh)	0.08594	0.08526

Economic Stimulus Rate  
 Credit: (per kWh) ..... 0.01359 0.01359

**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.

**TYPES OF CHARGES:**

The billing cycle charge for service is the sum of the Customer Charge, the Demand Charges, the Energy Charges, the ECA and the Power Factor Adjustment:

CUSTOMER CHARGE: The Customer Charge is a flat monthly fee.

## SCHEDULE I1

### GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL - OPTIONAL

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**DEMAND CHARGES:** This schedule has two Demand Charges: A peak period Demand Charge and a billing period Demand Charge. The peak period Demand Charge per kW applies to the maximum average power taken during any metering interval during the billing cycle's peak hours. The billing period Demand Charge per kW applies to the maximum average power taken during any metering interval at any time during the billing cycle. The bill will include both of these Demand Charges. Time periods are defined below.

**ENERGY CHARGES:** This schedule has three Energy Charges: A peak period Energy Charge, a partial peak period Energy Charge, and an off peak period Energy Charge. The peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's peak hours. Partial peak period Energy Charge per kWh applies to the total kWh used during the billing cycle's partial peak hours. Off peak period Energy Charge per kWh applies to the total kWh used during the billing cycles off peak hours. The bill will include all of these Energy Charges. Time periods are defined below.

**ECA:** The ECA is a per kWh charge applied to the total kWh used during the billing cycle

Monthly charges may be decreased or increased based upon power factor as defined below.

As shown on the rates above, Demand and Energy Charges are based on the voltage at which service is taken. Service Voltage is defined below.

#### **DEFINITION OF SERVICE VOLTAGE:**

The service voltage class:

Primary: Service Voltage class for service at 12,000 volts (nominal).

#### **POWER FACTOR ADJUSTMENTS:**

Bills will be adjusted for billing cycle average power factor as follows:

The total charge (except taxes and customer charge) for any billing cycle as computed on the above rates shall be decreased or increased, respectively, by 0.0006% for each 0.01 percentage point that the average power factor of the customer's load in the billing cycle is greater or less than 95.00%, such average power factor to be computed (to the nearest hundredth of a percent) from the ratio of lagging kilovolt ampere-hours to kilowatt-hours consumed in the billing cycle.

Customer with service entrance equipment unable to accommodate the City's reactive metering equipment shall have their billing power factor determined by testing performed by the City.

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Effective January 1, 2015  
Ordinance No. XXXX

## SCHEDULE I1

### GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL - OPTIONAL

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#### **DEFINITION OF TIME PERIODS:**

Times of the year and times of the day are defined as follows:

#### **SUMMER** (May 1 through October 31)

Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).

Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m. Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

#### **WINTER** (November 1 through April 30)

Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

#### **HOLIDAYS**

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.



# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE IE

### INDUSTRIAL EQUIPMENT CHARGING SERVICE

#### **APPLICABILITY:**

This schedule is applicable to all single-phase or three-phase commercial and industrial customers 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 charging rechargeable battery industrial equipment ("IE Meter").

The minimum charge is \$5.25. Between the hours of 10:00 p.m. to 6:00 a.m. Monday through Friday (including City observed holidays and weekends) the charge for a meter dedicated exclusively to charging rechargeable battery industrial equipment 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 IE may not be combined with any other electric rate or rate discount on the IE meter 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.....\$5.25

IE Charging period (per kWh)	\$0.10948
Non-IE Charging period (per kWh)	\$0.34650

#### **ENERGY COST AJUSTMENT (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.

# CITY OF LODI

## ELECTRIC UTILITY DEPARTMENT

### SCHEDULE IE

#### INDUSTRIAL EQUIPMENT CHARGING SERVICE

#### **DEFINITION OF TIME PERIODS:**

Times of the day are defined as follows:

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

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