



# Ordinance Fact Sheet

TO: CITY COUNCIL

DATE: June 18, 2012

FROM: CITY ATTORNEY

SUBJECT: AN ORDINANCE OF THE CITY OF PASADENA AMENDING THE LIGHT AND POWER RATE ORDINANCE, CHAPTER 13.04 OF THE PASADENA MUNICIPAL CODE

**TITLE OF PROPOSED ORDINANCE:**

AN ORDINANCE OF THE CITY OF PASADENA AMENDING THE LIGHT AND POWER RATE ORDINANCE, CHAPTER 13.04 OF THE PASADENA MUNICIPAL CODE

**PURPOSES OF THE ORDINANCE:**

The Light and Power Rate Ordinance, Chapter 13.04 of the Pasadena Municipal Code, sets the rates and charges for electric system customers. The purpose of this ordinance is to amend the Light and Power Rate Ordinance as directed by the City Council on June 11, 2012. The amendments will increase the Power Distribution and Customer ("D&C") Charge for all customer groups equally. The D&C Charge is one of four components that make up the total electric charge. Increases in the D&C component of the electric rate structure require City Council approval.

The D&C rates have not been changed since October 2007. PWP is in the process of conducting an electric cost-of-service study to ensure recovery of revenue requirements and to address ongoing changes taking place in the electric utility industry. The recommended fiscal year 2013 Power Fund Budget includes an increase of \$3.75 million in distribution related costs due to increases in personnel costs, materials and supplies, internal service charges, projected funding requirements for capital investment, and the Electric utility's obligation to fund operating expenses. To offset the increased operating costs, PWP proposes to increase the power distribution rates for all customer groups to generate an additional \$3.75 million annually.

MEETING OF 07/09/2012  
06/18/2012  
AGENDA ITEM NO. 22 23

A description of how the ordinance will accomplish these purposes is contained in the City Council Agenda Report dated June 4, 2012 (approved on June 11, 2012), and on the City's website.

**REASONS WHY LEGISLATION IS NEEDED:**

Section 1403 of the City Charter requires electrical energy rates to be prescribed by ordinance.

**PROGRAMS, DEPARTMENTS OR GROUPS AFFECTED:**

Light and Power customers of the Water and Power Department will pay the rates set forth in this ordinance. The Water and Power Department will be responsible for the administrative implementation of the new rates.

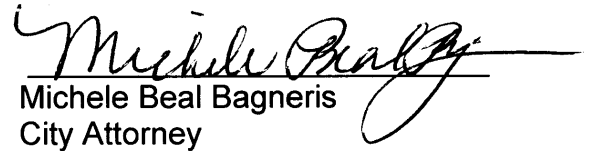
**FISCAL IMPACT:**

It is anticipated that this action will result in approximately \$3.75 million in additional annual power distribution revenues and will be used to offset the electric system's operating costs.


**POLICY CHANGES:**

This ordinance does not result in any policy changes.

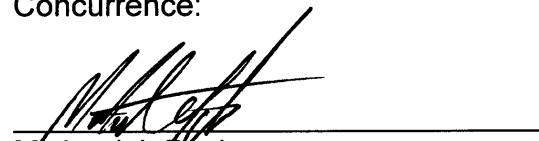
Respectfully submitted,

  
Michele Beal Bagneris  
City Attorney

Prepared by:

  
Lisa Hosey  
Deputy City Attorney

Concurrence:

  
Michael J. Beck  
City Manager

Introduced by \_\_\_\_\_

ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE OF THE CITY OF PASADENA AMENDING THE LIGHT AND POWER RATE ORDINANCE, CHAPTER 13.04 OF THE PASADENA MUNICIPAL CODE.

The People of the City of Pasadena ordain as follows:

**SECTION 1.** This ordinance, due to its length and the corresponding costs of publication, will be published by title and summary as permitted by Section 508 of the Charter. The approved summary of this ordinance reads as follows:

**“ SUMMARY**

The purpose of Ordinance No. \_\_\_\_\_ is to amend the Light and Power Rate Ordinance , Chapter 13.04 of the Pasadena Municipal Code as directed by the City Council on June 11, 2012 to increase the Power Distribution Rates for All Customer Groups equally.

This ordinance shall take effect on July 15, 2012.”

**SECTION 2. Title 13, Chapter 13.04, Subsection D.1. of Section 13.04.040 of the Pasadena Municipal Code is hereby amended to read as follows:**

**“13.04.040 Residential Single-Family Service.**

**1. Distribution and Customer Charge.** Customers taking service under Schedule R-I shall pay a distribution and customer charge based on their kWh used during the billing month as follows:

**Effective July 15, 2012:**

kWh Usage per Month	Distribution and Customer Charge per Meter per Month
0—250	\$ 6.02
251—350	\$12.32
351—450	\$24.94
451—550	\$35.97
551—650	\$45.43
651—750	\$56.47
751—1,000	\$67.50
Greater than 1,000	\$89.57

**SECTION 3. Title 13, Chapter 13.04, Subsection D.1. of Section 13.04.045 of the Pasadena Municipal Code is hereby amended to read as follows:**

**“13.04.045 Residential Multi-Family Service.**

**1.Distribution and Customer Charge.** Customers taking service under Schedule R-2 shall pay a distribution and customer charge based on kWh used during the billing month as follows:

**Effective July 15, 2012:**

kWh Usage per Month	Distribution and Customer Charge per Meter per Month
0—250	\$ 6.02
251—350	\$12.32
351—450	\$24.94
451—550	\$35.97
551—650	\$45.43
651—750	\$56.47
751—1,000	\$67.50
Greater than 1,000	\$89.57

**SECTION 4. Title 13, Chapter 13.04, Section 13.04.050 of the Pasadena Municipal Code is hereby amended to read as follows:**

**“13.04.050 Small Commercial and Industrial Service.**

The rates and conditions of services hereunder shall be as provided by Schedule S-1, as follows:

**SCHEDULE S-1  
Small Commercial and Industrial Service**

- A. Applicability.** Applies to single-phase and 3-phase general service, including lighting and incidental small power, through a single meter. Applies to service below 30 kW demand.
- B. Character of Service Furnished.** Single-phase 120/240 volt, and 120/208 or 240 volt 3-phase, 60-cycle alternating current service.
- C. Conditions of Use.** Single-phase motors 1/2 HP and larger shall be connected at 240 volts or 208 volts. Motors 5 HP and larger shall be connected 3 phase. Motor-connected loads in excess of 49 HP are not served under this schedule for new service after April 1, 1969.

D. **Rates.** Customers shall pay the sum of the customer charge, the distribution charge, the transmission services charge, and the energy services charge as specified below.

**Effective July 15, 2012:**

1. **Customer Charge.** Customers taking service under Schedule S-1 shall pay a customer charge during the billing month as follows:

	<u>Per Meter Per Month</u>
Customer charge:	
Single-phase service .....	\$ 14.16
Three-phase service .....	\$ 19.07

2. **Distribution Charge.** Customers taking service under Schedule S-1 shall pay a distribution charge during the billing month as follows:

All kWh per month ..... \$ 0.04475 per kWh

3. **Transmission Services Charge.** Customers taking service under Schedule S-1 shall pay a transmission services charge for each kWh delivered in accordance with Section 13.04.170.

4. **Energy Services Charge.** Customers taking service under Schedule S-1 shall have two energy rate options:

4.1 Option A – Seasonal Flat Rate:

<u>Season</u>	<u>Energy Services Charge per kWh</u>
Summer	\$0.06901
Winter	\$0.06030

4.2 Option B – Time-Of-Use Rate:

<u>Time-of-Use</u>	<u>Energy Services Charge per kWh</u>
Summer On-Peak	\$0.10463
Summer Off-Peak	\$0.05706
Winter On-Peak	\$0.06431
Winter Off-Peak	\$0.05611

This option is subject to meter availability. The customer shall be responsible for the cost of purchasing and installing the metering equipment required for this service.

4.3 Power Cost Adjustments: Customers taking service under Schedule S-1 shall pay a PCA, as provided in Section 13.04.173. Rate Options A and B are subject to adjustment as provided in Section 13.04.173.

**5. Minimum Monthly Charge:**

Single-phase service ..... \$ 14.16  
Three-phase service ..... \$ 19.07

**6. Application Charge.** For each application for new service, or customer originated account change, to be added to the first bill ..... \$5.00

**E. General Condition.**

**1. Selection of Energy Rate Option.** The default energy rate option for customers under Schedule S-1 is Option A – Seasonal Flat Rate. Customers may choose to receive energy under either Option A or B; however, a customer who receives a change of energy rate option may not change to another energy rate option before twelve months have elapsed.

**F. Special Provision.**

**1.** Customers connected to 120/208 volt service whose sole usage of electricity is for residential purposes as defined by the PWP, shall be billed on the residential rate schedule.

**2. Time Periods.** Time periods are defined as follows:

- a. Summer months are defined as June through September. Winter months are defined as October through May.
- b. Summer On-peak hours: 12:00 noon to 8:00 p.m.  
Summer Off-peak hours: 8:00 p.m. to 12:00 noon  
Winter On-peak hours: 6:00 a.m. to 10:00 p.m.  
Winter Off-peak hours: 10:00 p.m. to 6:00 a.m.
- c. Weekend and holiday hours are all off-peak
- d. Holidays are New Year’s Day, Martin Luther King Jr. Day, Lincoln’s Birthday, Washington’s Birthday, Memorial Day, Independence Day, Labor Day, Veteran’s Day, Thanksgiving Day, Day after Thanksgiving, and Christmas.”

**SECTION 5. Title 13, Chapter 13.04, Section 13.04.060 of the Pasadena Municipal Code is hereby amended to read as follows:**

**“13.04.060 Medium Commercial and Industrial Service - Secondary.**

The rates and conditions of services hereunder shall be as provided by Schedule M-1, as follows:

**SCHEDULE M-1  
Medium Commercial and Industrial Service - Secondary**

- A. Applicability.** Applies to 3 phase general service, including power and lighting, measured with demand meter. Applies to service at 30 kW demand or greater, but less than 300 kW demand. Any customer served under this schedule whose monthly maximum demand has registered less than 30 kW or greater than 300 kW for twelve consecutive months is no longer eligible for service under this Schedule M-1 and must take service under another applicable rate schedule. This schedule is subject to meter availability. Applies to services metered and delivered at voltages less than 17 kV.
- B. Character of Service Furnished.** 3 phase 240, 480, 120/208 or 277/480 volt, 60 cycle alternating current service.
- C. Conditions of Use.** Motors of 50 HP or more shall be served as determined by PWP.
- D. Rates.** Customers shall pay the sum of customer charge, distribution charge, transmission services charge, and energy services charge as specified below.

**Effective July 15, 2012:**

- 1. Customer Charge.** Customers taking service under Schedule M-1 shall pay a customer charge during the billing month as follows:

Per Meter Per Month

Customer charge: ..... \$ 60.22

- 2. Distribution Charge.** Customers taking service under Schedule M-1 shall pay a distribution charge during the billing month as follows:

All kilowatts of demand ..... \$ 10.89 per kW

- 3. Transmission Services Charge.** Customers taking service under Schedule M-1 shall pay a transmission services charge for each kWh delivered in accordance with Section 13.04.170.

- 4. Energy Services Charge.** Customers taking service under Schedule M-1 shall have two energy rate options.

4.1 Option A – Seasonal Flat Rate:

<u>Season</u>	<u>Energy Services Charge per kWh</u>
Summer	\$0.07338
Winter	\$0.06213

4.2 Option B – Time-Of-Use Rate:

<u>Time-of-Use</u>	<u>Energy Services Charge per kWh</u>
Summer On-Peak	\$0.10218
Summer Off-Peak	\$0.06063
Winter On-Peak	\$0.06578
Winter Off-Peak	\$0.05785

This option is subject to meter availability. Customers shall be responsible for the cost of purchasing and installing the metering equipment required for this service.

4.3 Power Cost Adjustment: Customers taking service under Schedule M-1 shall pay a PCA, as provided in Section 13.04.173. Rate Options A and B are subject to adjustment as provided in Section 13.04.173.

**5. Minimum Monthly Charge:**

Minimum monthly charge ..... \$ 362.32

**6. Application Charge.** For each application for new service, or customer originated account change, to be added to the first bill ..... \$5.00

**E. General Condition.**

**1. Selection of Energy Rate Option.** The default energy rate option for customers under Schedule M-1 is Option A – Seasonal Flat Rate. Customers may choose to receive energy under either Option A or B; however, a customer who receives a change of energy rate option may not change to another energy rate option before twelve months have elapsed.

**F. Special Provision.**

**1. Determination of Billing Demand.** "Billing Demand" shall not be less than 30 KW. "Billing Demand" means the greater of (i) the kilowatts of measured maximum demand occurring during the current month or (ii) the highest demand recorded in the last twelve months, including the current billing month. Demand is determined to the nearest kW. Demand meters will be adjusted to measure the maximum integrated demand over a 15-minute interval, or if the demand is of an intermittent character, PWP may adjust the meters to measure the demand during a shorter interval.



**2. Time Periods.** Time periods are defined as follows:

- a. Summer months are defined as June through September. Winter months are defined as October through May.
- b. Summer On-peak hours: 12:00 noon to 8:00 p.m.  
Summer Off-peak hours: 8:00 p.m. to 12:00 noon  
Winter On-peak hours: 6:00 a.m. to 10:00 p.m.  
Winter Off-peak hours: 10:00 p.m. to 6:00 a.m.
- c. Weekend and holiday hours are all off-peak
- d. Holidays are New Year's Day, Martin Luther King Jr. Day, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving, and Christmas.

**3. Power Factor Penalty and Discount.**

- a. Existing Loads: If a customer's load operates at a power factor of less than 75 percent, PWP may require installation of equipment to correct the power factor to 75 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 75 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one percent. The discount shall be computed to the nearest 1/10 of one percent.

- b. New Loads: On or after July 1, 2002, if a customer's load operates at a power factor of less than 85 percent, PWP may require installation of equipment to correct the power factor to 85 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 85 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one percent. The discount shall be computed to the nearest 1/10 of one percent.

4. **Regulation by PWP.** PWP may at any time inspect or test any power equipment and estimate or measure the demand, starting currents, power factor or other characteristics of such equipment to determine proper billing or compliance with the requirements of this chapter.
5. **Curtable Service.**
  - a. Rates: PWP may solicit customer bids for curtable service. In making such solicitations, PWP shall inform bidders of: i) the time period(s) that would likely be subject to curtailment; and ii) limitations, if any, on PWP's right to curtail service, including limitations on the number of curtailments, the duration of each curtailment, and minimum notice of curtailments. Bidders shall specify the minimum load level to which their service may be curtailed; and the minimum price that they would accept for each kWh curtailed. For hours in which the bidder provides this service to PWP, the bidder shall receive from PWP a billing credit equal to the product of the quantity of customer load actually curtailed and the hourly curtailment price which was bid and accepted by PWP.
  - b. Actual Curtailment Quantities: In each hour that PWP curtails a customer's service, PWP will quantify that hour's actual curtailment quantity by subtracting the customer's metered load in that hour from the customer's "normal load" for that hour. The customer's "normal load" for an hour is defined as the average of the customer's loads for the same hours of the five most recent "comparable days" that have not been subject to curtailments or objectively identifiable abnormal circumstances that have significantly affected customer consumption. "Comparable days" are as follows: for curtailments on Sundays and holidays, recent Sundays and holidays; for curtailments on non-holiday weekdays (Monday through Friday), recent non-holiday weekdays; and for Saturdays, recent Saturdays. Thus, by way of an example, the "normal load" for a Tuesday on the hour ending 3:00 pm would be the average of the loads in each of the hours ending 3:00 pm on the five most recent non-holiday weekdays that were not subject to curtailment."

**SECTION 6. Title 13, Chapter 13.04, Section 13.04.064 of the Pasadena Municipal Code is hereby amended to read as follows:**

**"13.04.064 Medium Commercial and Industrial Service - Primary.**

The rates and conditions of services hereunder shall be as provided by Schedule M-2, as follows:

**SCHEDULE M-2**  
**Medium Commercial and Industrial Service - Primary**

- A. Applicability.** Applies to 3 phase general service, including power and lighting, measured with demand meter. Applies to service at 30 kW demand or greater, but less than 300 kW demand. Any customer served under this schedule whose monthly maximum demand has registered less than 30 kW or greater than 300 kW for twelve consecutive months is no longer eligible for service under this Schedule M-2 and must take service under another applicable rate schedule. This schedule is subject to meter availability. Applies to services metered and delivered at voltages equal to or greater than 17 kV.
- B. Character of Service Furnished.** 3 phase, 60 cycle alternating current service at normal primary or sub-transmission voltages.
- C. Conditions of Use.** Motors of 50 HP or more shall be served as determined by PWP.
- D. Rates.** Customers shall pay the sum of customer charge, distribution charge, transmission services charge, and energy services charge as specified below.

**Effective July 15, 2012**

- 1. Customer Charge.** Customers taking service under Schedule M-2 shall pay a customer charge during the billing month as follows:

Per Meter Per Month

Customer charge: ..... \$ 83.92

- 2. Distribution Charge.** Customers taking service under Schedule M-2 shall pay a distribution charge during the billing month as follows:

All kilowatts of demand ..... \$ 10.54 per kW

- 3. Transmission Services Charge.** Customers taking service under Schedule M-2 shall pay a transmission services charge for each kWh delivered in accordance with Section 13.04.170.

- 4. Energy Services Charge.** Customers taking service under Schedule M-2 shall have two energy rate options.

**4.1 Option A – Seasonal Flat Rate:**

<u>Season</u>	<u>Energy Services Charge per kWh</u>
Summer	\$0.07154
Winter	\$0.06121

4.2 Option B – Time-Of-Use Rate:

<u>Time-of-Use</u>	<u>Energy Services Charge per kWh</u>
Summer On-Peak	\$0.10128
Summer Off-Peak	\$0.05970
Winter On-Peak	\$0.06481
Winter Off-Peak	\$0.05713

This option is subject to meter availability. The customer shall be responsible for the cost of purchasing and installing the metering equipment required for this service.

4.3 Power Cost Adjustment: Customers taking service under Schedule M-2 shall pay a PCA, as provided in Section 13.04.173. Rate Options A and B are subject to adjustment as provided in Section 13.04.173.

**5. Minimum Monthly Charge:**

Minimum monthly charge ..... \$ 376.72

**6. Application Charge.** For each application for new service, or customer originated account change, to be added to the 1st bill ..... \$5.00

**E. General Condition.**

1. **Selection of Energy Rate Option.** The default energy rate option for customers under Schedule M-2 is Option A – Seasonal Flat Rate. Customers may choose to receive energy under either Option A or B; however, a customer who receives a change of energy rate option may not change to another energy rate option before twelve months have elapsed.

**F. Special Provision.**

1. **Determination of Billing Demand.** "Billing Demand" shall not be less than 30 KW. "Billing Demand" means the greater of (i) the kilowatts of measured maximum demand occurring during the current month or (ii) the highest demand recorded in the last 12 months, including the current billing month. Demand is determined to the nearest kW. Demand meters will be adjusted to measure the maximum integrated demand over a 15-minute interval, or if the demand is of an intermittent character, PWP may adjust the meters to measure the demand during a shorter interval.

2. **Time Periods.** Time periods are defined as follows:

- a. Summer months are defined as June through September. Winter months are defined as October through May.
- b. Summer On-peak hours: 12:00 noon to 8:00 p.m.  
Summer Off-peak hours: 8:00 p.m. to 12:00 noon  
Winter On-peak hours: 6:00 a.m. to 10:00 p.m.  
Winter Off-peak hours: 10:00 p.m. to 6:00 a.m.
- c. Weekend and holiday hours are all off-peak
- d. Holidays are New Year's Day, Martin Luther King Jr. Day, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving, and Christmas.

**3. Power Factor Penalty and Discount.**

- a. Existing Loads: If a customer's load operates at a power factor of less than 75 percent, PWP may require installation of equipment to correct the power factor to 75 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 75 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one percent. The discount shall be computed to the nearest 1/10 of one percent.

- b. New Loads: On or after July 1, 2002, if a customer's load operates at a power factor of less than 85 percent, PWP may require installation of equipment to correct the power factor to 85 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 85 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one percent. The discount shall be computed to the nearest 1/10 of one percent.

4. **Regulation by PWP.** PWP may at any time inspect or test any power equipment and estimate or measure the demand, starting currents, power factor or other characteristics of such equipment to determine proper billing or compliance with the requirements of this chapter.
5. **Curtable Service.**
  - a. **Rates:** PWP may solicit customer bids for curtable service. In making such solicitations, PWP shall inform bidders of: i) the time period(s) that would likely be subject to curtailment; and ii) limitations, if any, on PWP's right to curtail service, including limitations on the number of curtailments, the duration of each curtailment, and minimum notice of curtailments. Bidders shall specify the minimum load level to which their service may be curtailed; and the minimum price that they would accept for each kWh curtailed. For hours in which the bidder provides this service to PWP, the bidder shall receive from PWP a billing credit equal to the product of the quantity of customer load actually curtailed and the hourly curtailment price which was bid and accepted by PWP.
  - b. **Actual Curtailment Quantities:** In each hour that PWP curtails a customer's service, PWP will quantify that hour's actual curtailment quantity by subtracting the customer's metered load in that hour from the customer's "normal load" for that hour. The customer's "normal load" for an hour is defined as the average of the customer's loads for the same hours of the five most recent "comparable days" that have not been subject to curtailments or objectively identifiable abnormal circumstances that have significantly affected customer consumption. "Comparable days" are as follows: for curtailments on Sundays and holidays, recent Sundays and holidays; for curtailments on non-holiday weekdays (Monday through Friday), recent non-holiday weekdays; and for Saturdays, recent Saturdays. Thus, by way of an example, the "normal load" for a Tuesday on the hour ending 3:00 pm would be the average of the loads in each of the hours ending 3:00 pm on the five most recent non-holiday weekdays that were not subject to curtailment."

**SECTION 7. Title 13, Chapter 13.04, Section 13.04.067 of the Pasadena Municipal Code is hereby amended to read as follows:**

**“13.04.067 Large Commercial and Industrial Service - Secondary.**

The rates and conditions of services hereunder shall be as provided by Schedule L-1, as follows:

**SCHEDULE L-1  
Large Commercial and Industrial Service - Secondary**

- A. Applicability.** Applies to 3 phase general service, including power and lighting, measured with demand meter. Applies to service at 300 kW demand or greater. Any customer served under this schedule whose monthly maximum demand has registered less than 300 kW for twelve consecutive months is no longer eligible for service under this schedule L-1 and must take service under another applicable rate schedule. This schedule is subject to meter availability. Applies to services metered and delivered at voltages less than 17 kV.
- B. Character of Service Furnished.** 3 phase 240, 480, 120/208 or 277/480 volt, 60 cycle alternating current service.
- C. Conditions of Use.** Motors of 50 HP or more shall be served as determined by PWP.
- D. Rates.** Customers shall pay the sum of customer charge, the distribution charge, the transmission services charge, and the energy services charge as specified below.

**Effective July 15, 2012**

- 1. Customer Charge.** Customers taking service under Schedule L-1 shall pay a customer charge during the billing month as follows:

Per Meter Per Month

Customer charge: ..... \$ 160.21

- 2. Distribution Charge.** Customers taking service under Schedule L-1 shall pay a distribution charge during the billing month as follows:

All kilowatts of demand ..... \$ 10.86 per kW

3. **Transmission Services Charge.** Customers taking service under Schedule L-1 shall pay a transmission services charge for each kWh delivered in accordance with Section 13.04.170.

4. **Energy Services Charge.** Customers taking service under Schedule L-1 shall pay energy services charge as follows:

4.1 Time-Of-Use Rate:

<u>Time-of-Use</u>	<u>Energy Services Charge per kWh</u>
Summer On-Peak	\$0.10394
Summer Off-Peak	\$0.05843
Winter On-Peak	\$0.06579
Winter Off-Peak	\$0.05659

4.2 **Power Cost Adjustment:** Customers taking service under Schedule L-1 shall pay a PCA, as provided in Section 13.04.173. Rate Options A and B are subject to adjustment as provided in Section 13.04.173.

5. **Minimum Monthly Charge:**

Minimum monthly charge ..... \$ 3,181.21

6. **Application Charge.** For each application for new service, or customer originated account change, to be added to the 1st bill ..... \$5.00

E. **Special Provision.**

1. **Determination of Billing Demand.** "Billing Demand" shall not be less than 300 KW. "Billing Demand" means the greater of (i) the kilowatts of measured maximum demand occurring during the current month or (ii) the highest demand recorded in the last twelve months, including the current billing month. Demand is determined to the nearest kW. Demand meters will be adjusted to measure the maximum integrated demand over a 15-minute interval, or if the demand is of an intermittent character, PWP may adjust the meters to measure the demand during a shorter interval.

2. **Time Periods.** Time periods are defined as follows:

a. Summer months are defined as June through September. Winter months are defined as October through May.

b. Summer On-peak hours: 12:00 noon to 8:00 p.m.  
Summer Off-peak hours: 8:00 p.m. to 12:00 noon  
Winter On-peak hours: 6:00 a.m. to 10:00 p.m.  
Winter Off-peak hours: 10:00 p.m. to 6:00 a.m.



- c. Weekend and holiday hours are all off-peak
- d. Holidays are New Year's Day, Martin Luther King Jr. Day, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving, and Christmas.

**3. Power Factor Penalty and Discount.**

- a. Existing Loads: If a customer's load operates at a power factor of less than 75 percent, PWP may require installation of equipment to correct the power factor to 75 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 75 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one percent. The discount shall be computed to the nearest 1/10 of one percent.

- b. New Loads: On or after July 1, 2002, if a customer's load operates at a power factor of less than 85 percent, PWP may require installation of equipment to correct the power factor to 85 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 85 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one percent. The discount shall be computed to the nearest 1/10 of one percent.

- 4. **Regulation by PWP.** PWP may at any time inspect or test any power equipment and estimate or measure the demand, starting currents, power factor or other characteristics of such equipment to determine proper billing or compliance with the requirements of this chapter.

**5. Curtailable Service.**

- a. Rates: PWP may solicit customer bids for curtailable service. In making such solicitations, PWP shall inform bidders of: i) the

time period(s) that would likely be subject to curtailment; and ii) limitations, if any, on PWP's right to curtail service, including limitations on the number of curtailments, the duration of each curtailment, and minimum notice of curtailments. Bidders shall specify the minimum load level to which their service may be curtailed; and the minimum price that they would accept for each kWh curtailed. For hours in which the bidder provides this service to PWP, the bidder shall receive from PWP a billing credit equal to the product of the quantity of customer load actually curtailed and the hourly curtailment price which was bid and accepted by PWP.

- b. **Actual Curtailment Quantities:** In each hour that PWP curtails a customer's service, PWP will quantify that hour's actual curtailment quantity by subtracting the customer's metered load in that hour from the customer's "normal load" for that hour. The customer's "normal load" for an hour is defined as the average of the customer's loads for the same hours of the five most recent "comparable days" that have not been subject to curtailments or objectively identifiable abnormal circumstances that have significantly affected customer consumption. "Comparable days" are as follows: for curtailments on Sundays and holidays, recent Sundays and holidays; for curtailments on non-holiday weekdays (Monday through Friday), recent non-holiday weekdays; and for Saturdays, recent Saturdays. Thus, by way of an example, the "normal load" for a Tuesday on the hour ending 3:00 pm would be the average of the loads in each of the hours ending 3:00 pm on the five most recent non-holiday weekdays that were not subject to curtailment."

**SECTION 8. Title 13, Chapter 13.04, Section 13.04.070 of the Pasadena Municipal Code is hereby amended to read as follows:**

**"13.04.070 Large Commercial and Industrial Service - Primary.**

The rates and conditions of services hereunder shall be as provided by Schedule L-2, as follows:

**SCHEDULE L-2  
Large Commercial and Industrial Service - Primary**

- A. **Applicability.** Applies to 3 phase general service, including power and lighting, measured with demand meter. Applies to service at 300 kW demand or greater. Any customer served under this schedule whose monthly maximum demand has registered less than 300 kW for twelve consecutive months is no longer eligible for service under this Schedule L-1 and must take service under another applicable rate schedule. This schedule is

subject to meter availability. Applies to services metered and delivered at voltages equal to or greater than 17 kV.

- B. Character of Service Furnished.** 3 phase, 60 cycle alternating current service at normal primary or sub-transmission voltages.
- C. Conditions of Use.** Motors of 50 HP or more shall be served as determined by PWP.
- D. Rates.** Customers shall pay the sum of the customer charge, the distribution charge, the transmission services charge, and the energy services charge as specified below.

**Effective July 15, 2012:**

- 1. Customer Charge.** Customers taking service under Schedule L-2 shall pay a customer charge during the billing month as follows:

Per Meter Per Month

Customer charge: ..... \$ 183.93

- 2. Distribution Charge.** Customers taking service under Schedule L-2 shall pay a distribution charge during the billing month as follows:

All kilowatts of demand ..... \$ 10.51 per kW

- 3. Transmission Services Charge.** Customers taking service under Schedule L-2 shall pay a transmission services charge for each kWh delivered in accordance with Section 13.04.170

- 4. Energy Services Charge.** Customers taking service under Schedule L-2 shall pay an energy services charge as follows:

4.1 Time-Of-Use Rate:

<u>Time-of-Use</u>	<u>Energy Services Charge per kWh</u>
Summer On-Peak	\$0.09852
Summer Off-Peak	\$0.05580
Winter On-Peak	\$0.06617
Winter Off-Peak	\$0.05629

- 4.2 Power Cost Adjustment: Customers taking service under Schedule L-2 shall pay a PCA, as provided in Section 13.04.173. Rate Options A and B are subject to adjustment as provided in Section 13.04.173.

- 5. Minimum Monthly Charge:**

Minimum monthly charge ..... \$ 3,111.93

6. **Application Charge.** For each application for new service, or customer originated account change, to be added to the first bill ..... \$5.00

**E. Special Provision.**

1. **Determination of Billing Demand.** "Billing Demand" shall not be less than 300 KW. "Billing Demand" means the greater of (i) the kilowatts of measured maximum demand occurring during the current month or (ii) the highest monthly demand recorded in the last twelve months, including the current billing month. Demand is determined to the nearest kW. Demand meters will be adjusted to measure the maximum integrated demand over a 15-minute interval, or if the demand is of an intermittent character, PWP may adjust the meters to measure the demand during a shorter interval.

2. **Time Periods.** Time periods are defined as follows:

a. Summer months are defined as June through September. Winter months are defined as October through May.

b. Summer On-peak hours: 12:00 noon to 8:00 p.m.  
Summer Off-peak hours: 8:00 p.m. to 12:00 noon  
Winter On-peak hours: 6:00 a.m. to 10:00 p.m.  
Winter Off-peak hours: 10:00 p.m. to 6:00 a.m.

c. Weekend and holiday hours are all off-peak

d. Holidays are New Year's Day, Martin Luther King Jr. Day, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving, and Christmas.

3. **Power Factor Penalty and Discount.**

a. Existing Loads: If a customer's load operates at a power factor of less than 75 percent, PWP may require installation of equipment to correct the power factor to 75 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 75 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one

percent. The discount shall be computed to the nearest 1/10 of one percent.

- b. **New Loads:** On or after July 1, 2002, if a customer's load operates at a power factor of less than 85 percent, PWP may require installation of equipment to correct the power factor to 85 percent or better. A penalty of one percent of the distribution charge for each percent the average monthly power factor falls below 85 percent shall be added to the distribution charge.

A customer having a maximum demand of 50 kW or more shall be allowed a discount on the distribution charge of 0.333 percent for each percent the average monthly power factor exceeds 85 percent. The discount shall not exceed 5 percent. The power factor shall be computed to the nearest one percent. The discount shall be computed to the nearest 1/10 of one percent.

- 4. **Regulation by PWP.** PWP may at any time inspect or test any power equipment and estimate or measure the demand, starting currents, power factor or other characteristics of such equipment to determine proper billing or compliance with the requirements of this chapter.

- 5. **Curtable Service.**

- a. **Rates:** PWP may solicit customer bids for curtable service. In making such solicitations, PWP shall inform bidders of: i) the time period(s) that would likely be subject to curtailment; and ii) limitations, if any, on PWP's right to curtail service, including limitations on the number of curtailments, the duration of each curtailment, and minimum notice of curtailments. Bidders shall specify the minimum load level to which their service may be curtailed; and the minimum price that they would accept for each kWh curtailed. For hours in which the bidder provides this service to PWP, the bidder shall receive from PWP a billing credit equal to the product of the quantity of customer load actually curtailed and the hourly curtailment price which was bid and accepted by PWP.

- b. **Actual Curtailment Quantities:** In each hour that PWP curtails a customer's service, PWP will quantify that hour's actual curtailment quantity by subtracting the customer's metered load in that hour from the customer's "normal load" for that hour. The customer's "normal load" for an hour is defined as the average of the customer's loads for the same hours of the five most recent "comparable days" that have not been subject to curtailments or objectively identifiable abnormal circumstances that have significantly affected customer consumption.

“Comparable days” are as follows: for curtailments on Sundays and holidays, recent Sundays and holidays; for curtailments on non-holiday weekdays (Monday through Friday), recent non-holiday weekdays; and for Saturdays, recent Saturdays. Thus, by way of an example, the “normal load” for a Tuesday on the hour ending 3:00 pm would be the average of the loads in each of the hours ending 3:00 pm on the five most recent non-holiday weekdays that were not subject to curtailment.”

**SECTION 9. Title 13, Chapter 13.04, Section 13.04.080 of the Pasadena Municipal Code is hereby amended to read as follows:**

**“13.04.080 Standby service.**

The rates and conditions of services hereunder shall be as provided by Schedule S, as follows:

**SCHEDULE S  
Standby Service**

- A. Applicability.** Applicable to customers who have their own generating equipment and who contract for standby service from the department. Standby service shall be furnished solely to the individual contracting customer in a single enterprise, located entirely on a single, contiguous premise.
- B. Character of Service.** 3-phase 240, 480, 120/208 or 277/480 volt, 60 cycle alternating current service. Other voltages and types of service may be approved by the department for certain specific installations.
- C. Rate.**

**Effective July 15, 2012:**

- |  | <b>Per Meter<br/>Per Month</b> |
|--|--------------------------------|
| 1. Distribution Charge:<br>All kW of standby capacity.....   | \$ 10.87 per kW                |
| 2. Energy Charge: Energy shall be billed in accordance with the rate schedule which would otherwise apply if the customer had no generating equipment. |                                |
| 3. Minimum monthly charge: The demand charge or \$ 201.40, whichever is greater.   |                                |
| 4. Application charge: For each application for new service,   |                                |

or customer originated account change, to be added to  
the first bill ..... \$ 5.00

**D. Special Conditions.**

1. **Contract Required.** Customer shall sign a contract for this service, which contract shall state the number of kW of standby capacity required. "Standby capacity" shall not exceed the nameplate rating of the customer's generating equipment.
2. **Service Connections.** Service connections shall be made so that at no time will the customer's generating equipment be connected to or operated in parallel with PWP's system. Switching devices used for service connections shall be approved by PWP.

**SECTION 10. Title 13, Chapter 13.04, Subsection C.2. of Section 13.04.085 of the Pasadena Municipal Code is hereby amended to read as follows:**

**"13.04.085 Unmetered Rates – Non Demand.**

**2. Distribution charge for all kWh per month:**

\$0.04475 per kWh "

**SECTION 11. Title 13, Chapter 13.04, Subsection C.2. of Section 13.04.087 of the Pasadena Municipal Code is hereby amended to read as follows:**

**"13.04.087 Unmetered Rates – Demand.**

**2. Distribution Charge.** The distribution rate for customer shall be as follows:

All kilowatts of demand: \$10.87 per kW "

**SECTION 12. Title 13, Chapter 13.04, Section 13.04.090 of the Pasadena Municipal Code is hereby amended to read as follows:**

**"13.04.090 Street Lighting and Traffic Signal Service.**

The rates and conditions of services hereunder shall be as provided by Schedule SL, as follows:

**SCHEDULE SL**  
**Street Lighting and Traffic Signals**

- A. Applicability.** Applies to outdoor street, highway and area lights and traffic signals, whether publicly or privately owned, where the poles, electrolier standards and lighting equipment are owned by the customer. For such lights as are burned from 30 minutes after sunset to 30 minutes before sunrise, 4140 hours of service per year will be used for cost calculation purpose.
- B. Rate.** Unmetered street lighting and signs not included in the Flat Rate section will be billed under the Metered Rate section using the hours of service per year set forth in subsection A. Unmetered load, including without limitation, traffic signals, street lighting, signs with extended hours of operation, bus shelters, and irrigation controllers will be billed under the Metered Rate section by extrapolating usage from a sample test metering period. All services covered under this section, whether billed under the Flat Rate or Metered Rate section shall also be subject to the transmission services charge and power adjustment charge in accordance with Section 13.04.170 and Section 13.04.173.”

**Effective July 15, 2012:**

<b>1. <u>Flat Rate - Lamp Size</u></b>	<b><u>Monthly Charge Per Lamp (\$)</u></b>
<b><u>Incandescent</u></b>	
1,000 lumens	0.94
1,500 lumens	1.11
2,500 lumens	1.95
4,000 lumens	3.14
6,000 lumens	4.47
10,000 lumens	6.79
67 watts	0.86
69 watts	0.88
103 watts	1.30
150 watts	1.89
202 watts	2.54
303 watts	3.80
<b><u>Mercury Vapor</u></b>	
3,500 lumens	1.61
7,000 lumens	2.64
11,000 lumens	3.66
20,000 lumens	5.80
35,000 lumens	9.81
54,000 lumens	13.87
<b><u>Fluorescent</u></b>	
213 watts	2.68
248 watts	3.14



**High Pressure Sodium**

35 watt	0.51
50 watt	0.72
70 watt	1.28
100 watt	1.76
150 watt	2.43
200 watt	3.09
250 watt	3.94
310 watt	4.81
400 watt	5.98
4-60 watt unit bus stop	4.82
2-40 watt unit bus stop	4.82
Metal Halide	3.99

**2. Metered Distribution Rate.**

- A. For metered street lighting, all energy will be billed at \$0.03923 per kWh.
- B. For metered traffic signals and signs, all energy will be billed at \$0.05807 per kWh.

**3. Unmetered Distribution Rate**

- A. For unmetered traffic signals and signs, all energy will be billed at \$0.05807 per kWh.

**4. Transmission Services Charge.** Customers taking service under Schedule SL shall pay a transmission services charge for each kWh delivered to in accordance with Section 13.04.170.

**5. Energy Services Charge.** Customers taking service under Schedule SL shall pay energy services charge of \$0.065 for each kWh delivered.

**6. Power Cost Adjustment.** Customers taking service under Schedule SL shall pay a PCA, as provided in Section 13.04.173.

**SECTION 13.** This ordinance shall take effect upon its publication by title and summary.  
Signed and approved this \_\_\_ day of September, 2011

\_\_\_\_\_  
Bill Bogaard  
Mayor of the City of Pasadena

I HEREBY CERTIFY that the foregoing ordinance was adopted by the City Council at its meeting held this \_\_\_\_ day of \_\_\_\_\_, 2012, by the following vote:

AYES:

NOES:


ABSENT:

ABSTAIN:

Date Published:

\_\_\_\_\_  
Mark Jomsky, CMC  
CITY CLERK

Approved as to form:

  
\_\_\_\_\_  
Lisa Hosey  
Deputy City Attorney