

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

4.2 **Option B – Time-Of-Use Rate:**

<u>kWh</u>	<u>Time-of-Use</u>	<u>Energy Services Charge per</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:**

**Effective July 2014:**

Minimum monthly charge .....\$  
~~362.32~~ **26.47**

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

**Effective July 2015:**

**Minimum monthly charge .....\$459.83**

**Effective July 2016:**

**Minimum monthly charge .....\$492.96**

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~~**four** 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 2012~~

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

	<u>Per Meter Per Month</u>
<del>Customer charge: .....</del>	<del>\$ 83.92</del>

**Effective July 2014:**

	<u>Per Meter Per Month</u>
<b>Customer Charge</b>	<b>\$25.77</b>

**Effective July 2015:**

	<u>Per Meter Per Month</u>
<b>Customer Charge</b>	<b>\$26.60</b>

**Effective July 2016:**

	<u>Per Meter Per Month</u>
<b>Customer Charge</b>	<b>\$27.53</b>

- 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

**Effective July 2014:**

**All kilowatts of demand \$9.48 per kW**

**Effective July 2015:**

**All kilowatts of demand \$10.24 per kW**

**Effective July 2016:**

**All kilowatts of demand \$11.00 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>kWh</u>	<u>Season</u>	<u>Energy Services Charge per</u>
	Summer	\$0.07154
	Winter	\$0.06121

4.2 **Option B – Time-Of-Use Rate:**

<u>kWh</u>	<u>Time-of-Use</u>	<u>Energy Services Charge per</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:**

**Effective July 2014:**

Minimum monthly charge ..... \$ ~~376.72~~**310.17**

**Effective July 2015:**

**Minimum monthly charge ..... \$333.80**

**Effective July 2016:**

**Minimum monthly charge ..... \$357.53**

---

~~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 ~~42~~four 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 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 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

**Effective July 2014:**

	<b>Per Meter Per Month</b>
<b>Customer Charge</b>	<b>\$41.18</b>

**Effective July 2015:**

	<b>Per Meter Per Month</b>
<b>Customer Charge</b>	<b>\$42.51</b>

**Effective July 2016:**

	<b>Per Meter Per Month</b>
<b>Customer Charge</b>	<b>\$44.01</b>

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

**Effective July 2014:**

<b>All kilowatts of demand</b>	<b>\$13.46 per kW</b>
--------------------------------	-----------------------

**Effective July 2015:**

<b>All kilowatts of demand</b>	<b>\$14.54 per kW</b>
--------------------------------	-----------------------

**Effective July 2016:**

<b>All kilowatts of demand</b>	<b>\$15.61 per KW</b>
--------------------------------	-----------------------

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:**

<b><u>Time-of-Use</u></b>	<b><u>Energy Services Charge per</u></b>
---------------------------	--

**kWh**

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:**

**Effective July 2014:**

Minimum monthly charge ..... ~~\$ 3,181.214~~ **079.18**

**Effective July 2015:**

**Minimum monthly charge ..... \$4,404.51**

**Effective July 2016:**

**Minimum monthly charge ..... \$4,727.01**

---

~~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~~ **four** 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 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~~

**Effective July 2014:**

	<b>Per Meter Per Month</b>
<b>Customer Charge</b>	<b>\$46.69</b>

**Effective July 2015:**

	<b>Per Meter Per Month</b>
<b>Customer Charge</b>	<b>\$48.19</b>

**Effective July 2016:**

	<b>Per Meter Per Month</b>
<b>Customer Charge</b>	<b>\$49.89</b>

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

**Effective July 2014:**

<b>All kilowatts of demand</b>	<b>\$9.42 per kW</b>
--------------------------------	----------------------

**Effective July 2015:**

<b>All kilowatts of demand</b>	<b>\$10.18 per kW</b>
--------------------------------	-----------------------

**Effective July 2016:**

<b>All kilowatts of demand</b>	<b>\$10.93 per KW</b>
--------------------------------	-----------------------

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:**

<b><u>kWh</u></b>	<b><u>Time-of-Use</u></b>	<b><u>Energy Services Charge per</u></b>
	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:**

**Effective July 2014:**

Minimum monthly charge ..... \$ ~~3,111.93~~ **2,872.69**

**Effective July 2015:**

**Minimum monthly charge ..... \$3,102.19**

**Effective July 2016:**

**Minimum monthly charge ..... \$3,328.89**

~~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~~ four 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.** This ordinance shall take effect upon its publication by title and summary.

Signed and approved this \_\_\_\_ day of June, 2014

\_\_\_\_\_  
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 \_\_\_\_\_, 2014, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Date Published:

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

Approved as to form:

  
Lisa Hosey  
Deputy City Attorney