

EXHIBIT "A-2"

Amending Chapter 12.06 TMC (all additions and amendments effective April 1, 2018)

Chapter 12.06

ELECTRIC ENERGY – REGULATIONS AND RATES<sup>1</sup>

Amended and Added Sections:

- 12.06.140 Tampering and injury to City equipment.
- 12.06.160 Residential service – Schedule A-1. Effective April 16, ~~2017~~2018.
- 12.06.170 Small general service – Schedule B. Effective April 16, ~~2017~~2018.
- 12.06.215 General service – Schedule G. Effective April 16, ~~2017~~2018.
- 12.06.225 High voltage general service – Schedule HVG. Effective April 16, ~~2017~~2018.
- 12.06.260 Contract industrial service – Schedule CP. Effective April 16, ~~2017~~2018.
- 12.06.290 Street lighting and traffic signal service – Schedule H-1. Effective April 16, ~~2017~~2018.
- 12.06.295 Street lighting service – Schedule H-3. Effective April 16, ~~2017~~2018.
- 12.06.300 Private off-street lighting service – Schedule H-2. Effective April 16, ~~2017~~2018.

**12.06.160 Residential service – Schedule A-1. Effective April 16, ~~2017~~, through March 31, 2018.**

A. Availability. Available for domestic purposes in residences, apartments, duplex houses and multiple family dwellings.

B. Applicability. To single residences, individually metered apartments and per apartment for collectively metered apartments.

C. Monthly Rate. The sum of the following energy, delivery and customer charges:

- 1. Energy: All energy measured in kilowatt-hours at \$0.~~042437~~045351 per kWh.
- 2. Delivery: All energy delivered in kilowatt-hours at \$0.034435 per kWh.
- 3. Customer Charge: \$~~13~~16.50 per month, or any fraction thereof, for all but collectively metered apartments; \$~~1+00~~3.50 per month, or any fraction thereof, for collectively metered apartments.

4. Exceptions:

(a) Within the City of Fife:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042437~~045351 per kWh.
- (2) Delivery: All energy delivered in kilowatt-hours at \$0.034435 per kWh.
- (3) Customer Charge: \$~~13~~16.50 per month, or any fraction thereof, for all but collectively metered apartments; \$~~1+00~~3.50 per month, or any fraction thereof, for collectively metered apartments.

(b) Within the City of Fircrest:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042437~~045351 per kWh.
- (2) Delivery: All energy delivered in kilowatt-hours at \$0.034435 per kWh.
- (3) Customer Charge: \$~~13~~16.50 per month, or any fraction thereof, for all but collectively metered apartments; \$~~1+00~~3.50 per month, or any fraction thereof, for collectively metered apartments.

(c) Within the City of Lakewood:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042437~~045351 per kWh.
- (2) Delivery: All energy delivered in kilowatt-hours at \$0.034435 per kWh.

<sup>1</sup> Prior legislation: Ords. 16486, 16718, 16729, 16979, 17181, 17335, 17652, 17740, 18074, 18121, 18378, 18379, 18577, 18654, 18705 and 19120.

(3) Customer Charge: \$~~13~~16.50 per month, or any fraction thereof, for all but collectively metered apartments; \$~~1+03~~50 per month, or any fraction thereof, for collectively metered apartments.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$~~0.042437~~045351 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at \$0.034435 per kWh.

(3) Customer Charge: \$~~13~~16.50 per month, or any fraction thereof, for all but collectively metered apartments; \$~~1+03~~50 per month, or any fraction thereof, for collectively metered apartments.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$~~0.042437~~045351 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at \$0.034435 per kWh.

(3) Customer Charge: \$~~13~~16.50 per month, or any fraction thereof, for all but collectively metered apartments; \$~~1+003~~50 per month, or any fraction thereof, for collectively metered apartments.

D. Service Conditions.

1. Where load conditions warrant, three-phase electric service may be made available by prior written agreement.

2. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

(Ord. 28285 Ex. A; passed Mar. 17, 2015: Ord. 28134 Ex. A and Ex. B; passed Feb. 26, 2013: Ord. 27976 Ex. A and Ex. B; passed Mar. 29, 2011: Ord. 27332 § 1; passed Mar. 22, 2005: Ord. 27150 § 1; passed Oct. 7, 2003: Ord. 27058 § 1; passed Mar. 18, 2003: Ord. 26848 § 9; passed Sept. 18, 2001: Ord. 26628 § 1; passed May 16, 2000: Ord. 25681 § 9; passed Mar. 21, 1995: Ord. 25460 § 4; passed Mar. 22, 1994: Ord. 25076 § 1; passed Mar. 24, 1992: Ord. 24584 § 1; passed Mar. 20, 1990: Ord. 24050 § 1; passed Mar. 29, 1988: Ord. 23703 § 1; passed Sept. 23, 1986: Ord. 23473 § 1; passed Sept. 24, 1985: Ord. 23372 § 1; passed Apr. 16, 1985: Ord. 23277 § 1; passed Oct. 23, 1984: Ord. 23093 § 1; passed Dec. 27, 1983: Ord. 23061 § 1; passed Nov. 22, 1983: Ord. 22951 § 1; passed Jul. 5, 1983: Ord. 22878 § 1; passed Mar. 1, 1983: Ord. 22460 § 1; passed Jul. 7, 1981: Ord. 21917 § 1; passed Dec. 11, 1979: Ord. 21566 § 1; passed Dec. 19, 1978: Ord. 20267 § 4; passed Dec. 17, 1974: Ord. 19320 § 2; passed Apr. 6, 1971)

### **12.06.170 Small general service – Schedule B. Effective April 16, 2017, through March 31, 2018.**

A. Availability. For nonresidential lighting, heating, and incidental power uses where a demand meter may be installed. Also for nonresidential incidental power uses where a meter is not installed. The customer's actual demand as determined by Tacoma Power may not exceed 50 kilovolt amperes or total connected load as estimated by Tacoma Power may not exceed 65 kilowatts upon initial service energization.

B. Monthly Rate. The sum of the following energy, delivery and customer charges:

1. Energy: All energy measured in kilowatt-hours at \$0.042507 per kWh.

2. Delivery: All energy delivered in kilowatt-hours at \$0.034587 per kWh.

3. Customer Charge: \$~~22-25~~25.50 per month or any fraction thereof for all but unmetered services; \$~~17-30~~19.80 per month or any fraction thereof for unmetered services.

4. Exceptions:

(a) Within the City of Fife:

(1) Energy: All energy measured in kilowatt-hours at \$0.042507 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at \$0.034587 per kWh.

(3) Customer Charge: \$~~22-25~~25.50 per month or any fraction thereof for all but unmetered services; \$~~17-30~~19.80 per month or any fraction thereof for unmetered services.

(b) Within the City of Fircrest:

(1) Energy: All energy measured in kilowatt-hours at \$0.042507 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at \$0.034587 per kWh.

(3) Customer Charge: ~~\$22.25~~25.50 per month or any fraction thereof for all but unmetered services; ~~\$17.30~~19.80 per month or any fraction thereof for unmetered services.

(c) Within the City of Lakewood:

(1) Energy: All energy measured in kilowatt-hours at \$0.042507 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at \$0.034587 per kWh.

(3) Customer Charge: ~~\$22.25~~25.50 per month or any fraction thereof for all but unmetered services; ~~\$17.30~~19.80 per month or any fraction thereof for unmetered services.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$0.042507 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at \$0.034587 per kWh.

(3) Customer Charge: ~~\$22.25~~25.50 per month or any fraction thereof for all but unmetered services; ~~\$17.30~~19.80 per month or any fraction thereof for unmetered services.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.042507 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at \$0.034587 per kWh.

(3) Customer Charge: ~~\$22.25~~25.50 per month or any fraction thereof for all but unmetered services; ~~\$17.30~~19.80 per month or any fraction thereof for unmetered services.

#### C. Service Conditions.

1. The maximum allowable total connected motor rating is 7.5 horsepower (5.6 kilowatts) exclusive of motors of 1/4 horsepower and under for standard plug-in applications.

2. At the option of Tacoma Power, a customer may be transferred to a demand metered rate if the customer's actual demand has exceeded 50 kilovolt amperes at least three times in the prior 24-month period.

3. Power factor provision applicable.

4. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

(Ord. 28285 Ex. A; passed Mar. 17, 2015; Ord. 28134 Ex. A and Ex. B; passed Feb. 26, 2013; Ord. 27976 Ex. A and Ex. B; passed Mar. 29, 2011; Ord. 27604 § 1; passed Apr. 17, 2007; Ord. 27332 § 3; passed Mar. 22, 2005; Ord. 27150 § 2; passed Oct. 7, 2003; Ord. 27058 § 3; passed Mar. 18, 2003; Ord. 26848 § 11; passed Sept. 18, 2001; Ord. 26628 § 1; passed May 16, 2000; Ord. 25681 § 10; passed Mar. 21, 1995; Ord. 25460 § 6; passed Mar. 22, 1994; Ord. 25076 § 3; passed Mar. 24, 1992; Ord. 24584 § 3; passed Mar. 20, 1990; Ord. 24050 § 2; passed Mar. 29, 1988; Ord. 23372 § 2; passed Apr. 16, 1985; Ord. 22951 § 2; passed Jul. 5, 1983; Ord. 22878 § 2; passed Mar. 1, 1983; Ord. 22460 § 2; passed Jul. 7, 1981; Ord. 21917 § 2; passed Dec. 11, 1979; Ord. 21566 § 2; passed Dec. 19, 1978; Ord. 20267 § 5; passed Dec. 17, 1974; Ord. 19320 § 2; passed Apr. 6, 1971)

#### **12.06.215 General service – Schedule G. Effective April 16, 2017, thru March 31, 2018.**

A. Availability. For general power use where a demand meter is installed, for standby capacity to customers generating all or a part of their electric power requirements, and for intermittent use. The customer's actual demand as determined by Tacoma Power must exceed 50 kilovolt amperes or total connected load as estimated by Tacoma Power must exceed 65 kilowatts upon initial service energization.

For customers providing all their own transformation from Tacoma Power's distribution system voltage, a discount for transformer investment and maintenance will be provided by reducing the monthly bill by 0.8 percent. For customers metered on the primary side of a transformer, a discount for transformer losses will be provided by reducing the monthly bill by 1 percent. These discount percentages are additive, and not compounded.

B. Monthly Rate. The sum of the following energy, delivery, and customer charges:

1. Energy: All energy measured in kilowatt-hours at \$0.~~042964~~044813 per kWh.
2. Delivery: All kilowatts of Billing Demand delivered at \$~~7.91~~8.35 per kW.
3. Customer Charge: \$~~63.00~~76.00 per month or any fraction thereof.

4. Exceptions:

(a) Within the City of Fife:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042964~~044813 per kWh.
- (2) Delivery: All kilowatts of Billing Demand delivered at \$~~7.91~~8.35 per kW.
- (3) Customer Charge: \$~~63.00~~76.00 per month or any fraction thereof.

(b) Within the City of Fircrest:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042964~~044813 per kWh.
- (2) Delivery: All kilowatts of Billing Demand delivered at \$~~7.91~~8.35 per kW.
- (3) Customer Charge: \$~~63.00~~76.00 per month or any fraction thereof.

(c) Within the City of Lakewood:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042964~~044813 per kWh.
- (2) Delivery: All kilowatts of Billing Demand delivered at \$~~7.91~~8.35 per kW.
- (3) Customer Charge: \$~~63.00~~76.00 per month or any fraction thereof.

(d) Within the City of Steilacoom:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042964~~044813 per kWh.
- (2) Delivery: All kilowatts of Billing Demand delivered at \$~~7.91~~8.35 per kW.
- (3) Customer Charge: \$~~63.00~~76.00 per month or any fraction thereof.

(e) Within the City of University Place:

- (1) Energy: All energy measured in kilowatt-hours at \$0.~~042964~~044813 per kWh.
- (2) Delivery: All Kilowatts of Billing Demand delivered at \$~~7.91~~8.35 per kW.
- (3) Customer Charge: \$~~63.00~~76.00 per month or any fraction thereof.

C. Billing Demand. Determined by means of a demand meter, 30-minute interval, reset monthly. The Billing Demand shall be the highest of:

1. The highest measured demand for the month adjusted for power factor;
2. 60 percent of the highest measured demand occurring during any of the preceding 11 months after adjustment for power factor; or
3. 100 percent of the standby capacity.

For purposes of the determination of Billing Demand in subsection 2 above, the 11 months of history shall be carried forward from the customer's previous account(s).

D. Standby Capacity. That amount of power requested by written application or estimated by the Director to be made continuously available for exclusive use of the customer.

E. Service Conditions.

1. At the option of Tacoma Power, primary metering may be installed where the service transformers aggregate 500 kVA or more.

2. At the option of Tacoma Power, a customer may be transferred to a non-demand metered rate if the customer's actual demand has not exceeded 50 kilovolt amperes in the prior 24-month period.

3. Power factor provision applicable.

4. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

(Ord. 28285 Ex. A; passed Mar. 17, 2015; Ord. 28134 Ex. A and Ex. B; passed Feb. 26, 2013; Ord. 27976 Ex. A and Ex. B; passed Mar. 29, 2011; Ord. 27332 § 4; passed Mar. 22, 2005; Ord. 27150 § 3; passed Oct. 7, 2003; Ord. 27058 § 4; passed Mar. 18, 2003; Ord. 26848 § 12; passed Sept. 18, 2001; Ord. 26628 § 1; passed May 16, 2000; Ord. 25681 § 11; passed Mar. 21, 1995; Ord. 25460 § 7; passed Mar. 22, 1994; Ord. 25076 § 4; passed Mar. 24, 1992; Ord. 24584 § 7; passed Mar. 20, 1990; Ord. 24050 § 5; passed Mar. 29, 1988)

**12.06.225 High voltage general service – Schedule HVG. Effective April 16, 2017, thru March 31, 2018.**

A. Availability. For general power use where a demand meter is installed and where a customer served does not require the use of Tacoma Power's distribution facilities other than substation transformation. Customers over 8 Megawatts who do not have a Power Service Agreement (Contract) with Tacoma Power will take service under TMC 12.06.215 General Service. A Power Service Agreement (Contract) with Tacoma Power is required for customers who begin taking service under TMC 12.06.225 High voltage general service after April 1, 2017. For customers who provide all of their own transformation from Tacoma Power's transmission system voltage, a credit of 24.00 percent will be applicable to the delivery charge.

High voltage general service customers shall be billed the following rates under Subsection 12.06.225.B (a two-step rate increase effective April 1, 2017 and April 1, 2018) unless the Customer files by April 11, 2017, a written notice in a form approved by Tacoma Power that irrevocably elects to be billed under the alternative rates under Subsection 12.06.225.C (a one-step rate increase effective April 1, 2017 with a second default rate increase effective April 1, 2019, unless superseded prior to the effective date).

B. Monthly Rate: The sum of the following energy, delivery and customer charges:

1. Energy: All energy measured in kilowatt-hours at \$0.~~038295~~041691 per kWh.

2. Delivery: All kilowatts of Billing Demand delivered at \$~~4.51~~4.75 per kW.

3. Customer Charge: \$~~850.00~~1,490.00 per month or any fraction thereof.

4. Exceptions:

(a) Within the City of Fife:

(1) Energy: All energy measured in kilowatt-hours at \$0.~~038295~~041691 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at \$~~4.51~~4.75 per kW.

(3) Customer Charge: \$~~850.00~~1,490.00 per month or any fraction thereof.

(b) Within the City of Fircrest:

(1) Energy: All energy measured in kilowatt-hours at \$0.~~038295~~041691 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at \$~~4.51~~4.75 per kW.

(3) Customer Charge: \$~~850.00~~1,490.00 per month or any fraction thereof.

(c) Within the City of Lakewood:

(1) Energy: All energy measured in kilowatt-hours at \$0.~~038295~~041691 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at \$~~4.51~~4.75 per kW.

(3) Customer Charge: \$~~850.00~~1,490.00 per month or any fraction thereof.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$0.~~038295~~041691 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at \$~~4.51~~4.75 per kW.

(3) Customer Charge: \$~~850.00~~1,490.00 per month or any fraction thereof.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.~~038295~~041691 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at \$~~4.51~~4.75 per kW.

(3) Customer Charge: \$~~850.00~~1,490.00 per month or any fraction thereof.

C. Monthly Rate (a one-step rate increase effective April 1, 2017 with a second default rate increase effective April 1, 2019, unless superseded prior to the effective date)

	Effective 4/16/17	Effective 4/1/19 unless superseded prior to effective date
Energy	\$0.039987	\$0.041691
Delivery	\$4.63	\$4.75
Customer Charge	\$1,175.00	\$1,490.00
Exceptions:		
<b><u>Within the City of Fife</u></b>		
Energy	\$0.039987	\$0.041691
Delivery	\$4.63	\$4.75
Customer Charge	\$1,175.00	\$1,490.00
<b><u>Within the City of Fircrest</u></b>		
Energy	\$0.039987	\$0.041691
Delivery	\$4.63	\$4.75
Customer Charge	\$1,175.00	\$1,490.00
<b><u>Within the City of Lakewood</u></b>		
Energy	\$0.039987	\$0.041691
Delivery	\$4.63	\$4.75
Customer Charge	\$1,175.00	\$1,490.00
<b><u>Within the City of Steilacoom</u></b>		
Energy	\$0.039987	\$0.041691
Delivery	\$4.63	\$4.75
Customer Charge	\$1,175.00	\$1,490.00
<b><u>Within the City of University Place</u></b>		
Energy	\$0.039987	\$0.041691
Delivery	\$4.63	\$4.75
Customer Charge	\$1,175.00	\$1,490.00

D. Billing Demand. Determined by means of a demand meter, 30-minute interval, reset monthly. The billing demand shall be the higher of:

1. The highest measured demand for the month adjusted for power factor, or
2. 60 percent of the highest measured demand occurring during any of the preceding 11 months after adjustment for power factor.

For purposes of the determination of Billing Demand in subsection 2 above, the 11 months of history shall be carried forward from the customer's previous account(s).

E. Service Conditions.

1. Power factor provision applicable.
2. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

(Ord. 28285 Ex. A; passed Mar. 17, 2015; Ord. 28134 Ex. A; passed Feb. 26, 2013; Ord. 27976 Ex. A; passed Mar. 29, 2011; Ord. 27332 § 5; passed Mar. 22, 2005; Ord. 27150 § 4; passed Oct. 7, 2003; Ord. 27058 § 5; passed Mar. 18, 2003; Ord. 26848 § 13; passed Sept. 18, 2001)

**12.06.260 Contract industrial service – Schedule CP. Effective April 16, 2017, thru March 31, 2018.**

A. Availability. For major industrial power use upon the execution of a written Power Service Agreement (Contract) with Tacoma Power, which shall require among other conditions:

1. A minimum Contract Demand (as set forth in the Contract) of not less than 8,000 kilowatts;
2. Delivery of power at one primary voltage;
3. Metering at primary voltage but in no case at less than nominal 4,160 volts;
4. Power factor adjustment to 95 percent lagging or better; and
5. Service is subject to curtailment and certain notice provisions are applicable.

B. Monthly Rate. The sum of the following power service, delivery, customer and other charges:

1. Power Service Charges:

(a) Energy: All Contract Energy (as set forth in the Contract) measured in kilowatt-hours at \$0.~~030675~~ 033038 per kWh.

(b) Demand: All kilowatts of Billing Demand delivered at \$4.33 per kW.

(c) Minimum Charge: The Demand Charge.

(d) Contract Energy Overrun: All energy measured in excess of the Contract Energy (as set forth in the Contract) is subject to a Contract Energy Overrun charge, pursuant to the following formula:

Contract Energy Overrun Charge =  
(MWh + Losses) x (THI + Tx) x 120%.

Where: MWh = the aggregate MWh over the day the customer's total measured daily load was above the Contract Energy amount; Losses = MWh x 1.9%; THI = the highest hourly price observed on the Tacoma Hourly Index within the day of overrun; Tx = applicable BPA or successor organization, transmission rate in \$ per MWh.

(e) Contract Demand Overrun: A Contract Demand Overrun charge shall be imposed when the total measured demand (highest 30-minute integrated demand) exceeds the Contract Demand (as set forth in the Contract). Said charge is pursuant to the following formula:

Contract Demand Overrun Charge =  
MW x 300% x DC

Where: MW = MW of metered Demand in excess of the Contract Demand; DC = Demand Charge.

2. Delivery: All kilowatts of Billing Demand delivered at \$4.00 per kW.

3. Customer Charge: ~~\$1,870.00~~2,980.00 per month or any fraction thereof.

4. Exceptions:

(a) Within the City of Fife:

(1) Power Service Charges:

(i) Energy: All Contract Energy (as set forth in the Contract) measured in kilowatt-hours at \$0.~~030675~~033038 per kWh.

(ii) Demand: All kilowatts of Billing Demand delivered at \$4.33 per kW.

(iii) Minimum Charge: The Demand Charge.

(iv) Contract Energy Overrun: All energy measured in excess of the Contract Energy (as set forth in the Contract) is subject to a Contract Energy Overrun charge, pursuant to the following formula:

Contract Energy Overrun Charge =  
(MWh + Losses) x (THI + Tx) x 124.1319%

Where: MWh = the aggregate MWh over the day the customer's total measured daily load was above the Contract Energy amount; Losses = MWh x 1.9%; THI = the highest hourly price observed on the Tacoma Hourly Index within the day of overrun; Tx = applicable BPA or successor organization, transmission rate in \$ per MWh.

(v) Contract Demand Overrun: A Contract Demand Overrun charge shall be imposed when the total measured demand (highest 30-minute integrated demand) exceeds the Contract Demand (as set forth in the Contract). Said charge is pursuant to the following formula:

Contract Demand Overrun Charge =  
MW x 300% x DC

Where: MW = MW of metered Demand in excess of the Contract Demand; DC = Demand Charge.

(2) Delivery: All kilowatts of Billing Demand delivered at \$4.00 per kW.

(3) Customer Charge: ~~\$1,870~~2,980.00 per month or any fraction thereof.

C. Billing Demand. Determined by means of a demand meter, 30-minute interval, reset monthly.

1. The Billing Demand shall be the highest of:

(a) The highest measured demand for the month, adjusted for power factor;

(b) 60 percent of the highest measured demand occurring during any of the preceding 11 months after adjustment for power factor;

(c) A demand level equal to the Contract Energy, in average megawatt (as set forth in the Contract); or

(d) 60 percent of the highest Contract Demand (as set forth in the Contract) during any of the preceding 11 months.

D. Service Conditions.

1. Power factor provision applicable; and

2. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy and delivery services shall apply. (Ord. 28285 Ex. A; passed Mar. 17, 2015; Ord. 28134 Ex. A and Ex. B; passed Feb. 26, 2013; Ord. 27976 Ex. A and Ex. B; passed Mar. 29, 2011; Ord. 27332 § 6; passed Mar. 22, 2005; Ord. 27150 § 5; passed Oct. 7, 2003; Ord. 27058 § 6; passed Mar. 18, 2003; Ord. 26848 § 14; passed Sept. 18, 2001; Ord. 26628 § 1; passed May 16, 2000; Ord. 25681 § 12; passed Mar. 21, 1995; Ord. 25460 § 8; passed Mar. 22, 1994; Ord. 25076 § 5; passed Mar. 24, 1992; Ord. 24584 § 11; passed Mar. 20, 1990; Ord. 24050 § 8; passed Mar. 29, 1988; Ord. 23372 § 7; passed Apr. 16, 1985; Ord. 22951 § 7; passed Jul. 5, 1983; Ord. 22878 § 7; passed Mar. 1, 1983; Ord. 22460 § 7; passed Jul. 7, 1981; Ord. 21917 § 7; passed Dec. 11, 1979; Ord. 21566 § 7; passed Dec. 19, 1978; Ord. 20267 § 13; passed Dec. 17, 1974; Ord. 19320 § 2; passed Apr. 6, 1971)



**12.06.290 Street lighting and traffic signal service – Schedule H-1. Effective April 16, 2017 thru March 31, 2018.**

A. Availability: Available for:

1. Public street lighting service where the lighting system is in operation during hours of darkness and where the street light system and equipment is owned by the customer, or there have been other suitable prior written arrangements agreed to by Tacoma Power and the applicant; and
2. Traffic controllers, signal lights, warning lights, danger lights, pedestrian lights and similar uses, where the traffic control system and equipment is owned and maintained by the customer.

B. Monthly Rate: Rates stated herein are for (1) unmetered installations [items 1 and 2] where charges are per fixture and shall be applied to the number of installed units on the system as determined by Tacoma Power at the time the billing is rendered, and (2) metered installations [item 3].

1. Street Lighting Units (Unmetered):

(a) Incandescent Lamps:

<b>Nominal Wattage</b>	<b>Energy Charge Per Unit</b>
Up to 150 Watts	<del>\$2.91</del> <u>3.10</u>
151-220 Watts	<del>\$4.27</del> <u>4.55</u>
221-320 Watts	<del>\$6.20</del> <u>6.61</u>
321-520 Watts	<del>\$10.08</del> <u>10.74</u>
521 & Over Watts	<del>\$15.90</del> <u>16.94</u>

(b) High Intensity Discharge Lamps:

Energy Charge Per Unit			
Nominal Wattage	Continuous	Dusk to Dawn	Dusk to 2:20 a.m.
50 Watts	<del>\$2.30</del> <del>\$2.15</del>	<del>\$1.24</del> <del>\$1.16</del>	<del>\$0.78</del> <del>\$0.73</del>
70 Watts	<del>\$3.21</del> <del>\$3.02</del>	<del>\$1.74</del> <del>\$1.63</del>	<del>\$1.09</del> <del>\$1.03</del>
100 Watts	<del>\$4.59</del> <del>\$4.31</del>	<del>\$2.48</del> <del>\$2.33</del>	<del>\$1.56</del> <del>\$1.47</del>
150 Watts	<del>\$6.89</del> <del>\$6.46</del>	<del>\$3.72</del> <del>\$3.49</del>	<del>\$2.34</del> <del>\$2.20</del>
175 Watts	<del>\$8.03</del> <del>\$7.54</del>	<del>\$4.34</del> <del>\$4.07</del>	<del>\$2.73</del> <del>\$2.56</del>
200 Watts	<del>\$9.18</del> <del>\$8.62</del>	<del>\$4.96</del> <del>\$4.65</del>	<del>\$3.12</del> <del>\$2.93</del>
250 Watts	<del>\$11.48</del> <del>\$10.77</del>	<del>\$6.20</del> <del>\$5.82</del>	<del>\$3.90</del> <del>\$3.66</del>
310 Watts	<del>\$14.23</del> <del>\$13.35</del>	<del>\$7.69</del> <del>\$7.21</del>	<del>\$4.84</del> <del>\$4.54</del>
400 Watts	<del>\$18.36</del> <del>\$17.23</del>	<del>\$9.92</del> <del>\$9.31</del>	<del>\$6.24</del> <del>\$5.86</del>
700 Watts	<del>\$32.13</del> <del>\$30.16</del>	<del>\$17.35</del> <del>\$16.29</del>	<del>\$10.93</del> <del>\$10.26</del>
1000 Watts	<del>\$42.08</del> <del>\$39.49</del>	<del>\$22.73</del> <del>\$21.33</del>	<del>\$14.31</del> <del>\$13.43</del>
1500 Watts	<del>\$68.85</del> <del>\$64.62</del>	<del>\$37.19</del> <del>\$34.90</del>	<del>\$23.42</del> <del>\$21.98</del>

(c) At the discretion of Tacoma Power, all lamps may be charged the following equivalent rate: Energy charge for lamp installations at the rate of ~~\$35.90~~ ~~\$38.25~~, ~~\$19.39~~ ~~\$20.66~~, and ~~\$12.21~~ ~~\$13.01~~ per month per kilowatt of total connected load for Continuous, Dusk to Dawn, and Dusk to 2:20 a.m. lamps, respectively.

2. Traffic Control Units (Unmetered):

(a)

Unit Type	Energy Charge Per Unit
(1) Red - Amber - Green	
Controllers	<del>\$2.29</del> <del>2.78</del>
Heads	<del>\$4.21</del> <del>3.47</del>
(2) Flashing	
Controllers	<del>\$1.15</del> <del>1.39</del>
Heads	<del>\$2.10</del> <del>1.73</del>

(1) Incandescent Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait
8 Inch Bulb	<del>\$2.31</del> \$1.91	<del>\$0.13</del> \$0.10	<del>\$1.77</del> \$1.46	<del>\$2.10</del> \$1.73		
12 Inch Bulb	<del>\$5.65</del> \$4.66	<del>\$0.31</del> \$0.25	<del>\$4.31</del> \$3.56	<del>\$5.13</del> \$4.23		
Pedestrian Head					<del>\$1.73</del> 2.10	<del>\$1.73</del> 2.10

(2) Light Emitting Diodes (LED) Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait
8 Inch LED	<del>\$0.27</del> \$0.23	<del>\$0.02</del> \$0.02	<del>\$0.18</del> \$0.15	<del>\$0.25</del> \$0.21		
12 Inch LED	<del>\$0.43</del> \$0.36	<del>\$0.02</del> \$0.02	<del>\$0.36</del> \$0.30	<del>\$0.39</del> \$0.32		
Pedestrian Head					<del>\$0.21</del> 25	<del>\$0.21</del> 5

(3) Neon Lamps:

Unit Type	Energy Charge Per Unit	
	Walk	Wait
Pedestrian Head	<del>\$0.19</del> 21	<del>\$0.74</del> 83

(4) Controllers:

Unit Type	Energy Charge Per Unit
Traffic	<del>\$2.29</del> 78
Flashing	<del>\$1.15</del> 39

(5) All lamps or controllers not listed above: Energy charge for lamp or controller installations not listed in the above tabulations shall be calculated by multiplying the unit wattage (in kW) x 730 hours x percent active x \$0.~~050993~~-054960 per kWh per month.

3. Street Lighting and Traffic Control Units (Metered): The sum of the following energy, delivery and customer charges:

- (a) Energy: All energy measured in kilowatt-hours at \$0.~~034278~~-035690 per kWh.
- (b) Delivery: All energy delivered in kilowatt-hours at \$0.~~013281~~-014961 per kWh.
- (c) Customer Charge: ~~\$8.10~~10.00 per month or any fraction thereof.

C. Service Conditions. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

(Ord. 28285 Ex. A; passed Mar. 17, 2015: Ord. 28134 Ex. A and Ex. B; passed Feb. 26, 2013: Ord. 27976 Ex. A and Ex. B; passed Mar. 29, 2011: Ord. 27604 § 2; passed Apr. 27, 2007: Ord. 27332 § 7; passed Mar. 22, 2005: Ord. 27058 § 7; passed Mar. 18, 2003: Ord. 26848 § 16; passed Sept. 18, 2001: Ord. 26628 § 1; passed May 16, 2000: Ord. 25681 § 14; passed Mar. 21, 1995: Ord. 25460 § 10; passed Mar. 22, 1994: Ord. 25076 § 7; passed Mar. 24, 1992: Ord. 24584 § 13; passed Mar. 20, 1990: Ord. 24280 § 1; passed Feb. 28, 1989: Ord. 24050 § 11; passed Mar. 29, 1988: Ord. 23372 § 8; passed Apr. 16, 1985: Ord. 22951 § 8; passed Jul. 5, 1983: Ord. 22878 § 8; passed Mar. 3, 1983: Ord. 22460 § 9; passed Jul. 7, 1981: Ord. 21917 § 9; passed Dec. 11, 1979: Ord. 21566 § 9; passed Dec. 19, 1978: Ord. 20808 § 1; passed Jul. 13, 1976: Ord. 20267 § 15; passed Dec. 17, 1974: Ord. 19714 § 1; passed Dec. 12, 1972)

**12.06.295 Street Lighting Service – Schedule H-3. Effective April 16, 2017 thru March 31, 2018.**

A. For the purpose of this section, the following definitions apply:

1. “Jurisdiction” shall mean a city, town, county, or other political subdivision of the state of Washington within the Tacoma Power service territory.
2. “Service Point” shall have the same meaning as defined in the Tacoma Power Customer Service Policies (as authorized under TMC 12.06.330), which is the point where the customer’s service conductors are connected to Tacoma Power’s service utility conductors.
3. “Street Lighting Service” shall mean lighting service supplied by Tacoma Power, where Tacoma Power owns the streetlight fixtures and provides power to the Service Point during the duration of the service.
4. “Capital Recovery Period” shall mean the time period over which Tacoma Power will levy a charge equal to the amortized value of the investment cost for the streetlight fixtures. Unless an alternative time period is mutually determined in writing between Tacoma Power and the Jurisdiction, this period will be 15 years. Streetlight fixtures remain the property of Tacoma Power after the Capital Recovery Period unless a Transfer of Ownership Charge has been paid.
5. “Transfer of Ownership Charge” shall mean a charge levied when an unamortized balance remains and the Jurisdiction requests ownership of the fixtures. The charge is determined by costs of equipment, installation, Capital Recovery Period, and Utility Financing Cost minus payments made to date for the specific fixtures.
6. “Termination Charge” shall mean a charge levied when an unamortized balance remains and the Jurisdiction requests termination of Street Lighting Service. The charge is determined by costs of equipment, installation, removal, disposal, Capital Recovery Period, and Utility Financing Cost minus payments made to date for the specific fixtures.
7. “Utility Financing Cost” shall mean the current cost of capital financing to Tacoma Power, as determined solely by Tacoma Power.

B. Schedule H-3 Availability.

1. To qualify for Street Lighting Service under the Schedule H-3, the Jurisdiction must agree to convert a minimum of 300 Jurisdiction streetlights.
2. For service under Schedule H-3, a Jurisdiction must submit a request in writing to Tacoma Power. Tacoma Power reserves the right to delay provision of service under Schedule H-3 for up to two years after the request date.

C. Service Conditions.

1. Monthly Rate: Rates stated herein are charged per fixture installed.
2. Streetlight Fixtures: Streetlight fixtures provided under the Schedule H-3 are owned by Tacoma Power unless the Transfer of Ownership provisions in this section are completed. Under the Schedule H-3, Tacoma Power will provide replacement streetlight fixtures as fixtures become inoperable.
3. Transfer of Ownership: A Jurisdiction may request in writing to purchase and transfer the ownership of and responsibility for a portion or all of a Jurisdiction’s streetlight fixtures under this Schedule H-3 at any time. Transfer of ownership shall occur after the Jurisdiction has paid a Transfer of Ownership Charge. Until the Transfer of

Ownership Charge payment is received by Tacoma Power, the Jurisdiction will be billed and must pay for service under the Schedule H-3. After transfer of ownership, service will be billed under the Schedule H-1 for non-Tacoma Power owned streetlight fixtures.

4. Termination: A Jurisdiction may request in writing to terminate Schedule H-3 Street Lighting Service for a portion or all of Tacoma Power owned streetlight fixtures at any time. In the event of termination, the Jurisdiction shall pay the Termination Charge. Until the Termination Charge payment is received by Tacoma Power, the Jurisdiction will be billed and must pay for service under the Schedule H-3.

5. Fixture Specifications: Tacoma Power will provide fixtures that meet the Jurisdiction Traffic Engineer's specifications. Tacoma Power may solicit input from the Jurisdiction on other fixture features, requirements, and options but retains final authority for fixture selection and purchase. Tacoma Power will purchase only such lighting fixture options as are directly related to Street Lighting Service. Non-streetlight related options that are determined by Tacoma Power to be compatible with the streetlight fixture are allowed. The Jurisdiction will be solely responsible for installation, operation, maintenance, and all costs associated with non-streetlight related options. The Jurisdiction shall notify Tacoma Power of the type, quantity, location, and energy requirements of all non-streetlight related options installed.

6. Liability: The Jurisdiction is wholly responsible for all illumination engineering to meet roadway lighting specifications and the operation of all non-streetlight related options. By accepting Street Lighting Service under Schedule H-3, the Jurisdiction agrees to hold Tacoma Power harmless from any claim for damages associated with the streetlight fixtures provided under this Schedule H-3.

7. Installation: Tacoma Power may authorize the Jurisdiction to install some or all streetlight fixtures covered under this Schedule H-3. If the Jurisdiction elects to perform such installations, the cost shall be at the expense of the Jurisdiction.

8. Service Point: Schedule H-3 will be available to provide Street Lighting Service to customer Service Points with existing streetlight fixtures only.

9. Poles and Circuits: The Jurisdiction that owns the poles and circuits associated with light service under Schedule H-3 shall be responsible for the appropriate maintenance of said poles and circuits. The Jurisdiction is responsible for the safe operation of the poles, circuits, and light fixtures. Tacoma Power reserves the right to refuse or discontinue service under Schedule H-3 if Tacoma Power determines a pole or circuit is inadequate to provide safe Street Lighting Service. In the event a Schedule H-3 streetlight fixture must be discontinued due to an unsafe condition, the Jurisdiction shall remedy the condition immediately or follow the Termination provision above.

10. Maintenance and Repair: The Jurisdiction is responsible for performing, at its sole expense, all maintenance and repair activities associated with the streetlight fixture provided by Tacoma Power under this Schedule H-3. Maintenance and repair includes, but is not limited to, labor and equipment. In the event a Schedule H-3 streetlight fixture fails, the Jurisdiction shall return the failed streetlight fixture to Tacoma Power for replacement. If the Jurisdiction damages a streetlight fixture while performing maintenance, the Jurisdiction will be responsible for the cost to repair or replace the streetlight fixture.

11. Energy: Tacoma Power will provide energy for the streetlight fixture up to the Jurisdiction provided Service Point.

12. Additional Rules: Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

D. Monthly Rates: The sum of the following energy and capital recovery charges:

1. Energy: Energy charge for lamp installations shall be at the rate of ~~\$35.90~~38.25, ~~\$19.39~~20.66, and ~~\$12.21~~13.01 per month per kilowatt of total connected load for Continuous, Dusk to Dawn, and Dusk to 2:20 a.m. lamps, respectively.

2. Capital Recovery Charge: For the biennium during which the fixtures shall be installed, the Capital Recovery Charge shall be calculated as follows:

(a) The monthly amount required to achieve full expense recovery from the Jurisdiction over the Capital Recovery Period shall be a net present value calculation based on the Utility Financing Cost and estimated installation cost.

(b) The amount calculated in a) shall be multiplied by the number of months in the rate period.

(c) The amount in b) shall be divided by the estimated number of fixture-months to be billed during the rate period.

Accounting records shall be kept that record the differences between actual and estimated installation cost, and actual and estimated fixture-months billed. For biennia subsequent to that in which the fixtures are installed, the Capital Recovery Charge shall be calculated as follows:

(a) The amount required to be recovered from the Jurisdiction each month of the Capital Recovery Period shall be a net present value calculation based on the Utility Financing Cost and actual installation cost.

(b) The amount calculated in (a) shall be multiplied by the number of months in the rate period.

(c) The amount in (b) shall be divided by the estimated number of fixture-months to be billed during the rate period.

(d) The amount in (c) shall be adjusted to reflect in difference between actual and estimated expenses and recoveries during the biennium during which the fixtures were installed.

**12.06.300 Private off-street lighting service – Schedule H-2. Effective April 16, ~~2017~~ thru March 31, 2018.**

A. Availability. Available for outdoor lighting service along private street and roadways, over parking lots, and for general area lighting of private property, but excluding public streets within the City of Tacoma.

B. Character of Service.

1. Lighting under this schedule shall be limited to the hours of darkness when street and highway lights are normally in use. The hours of use shall be regulated by a photoelectric control.

2. Tacoma Power will install, own, and maintain the equipment.

3. Energy will be provided on an unmetered basis.

C. Monthly Rate.

1. High Pressure Sodium Lamps:

Lamp Rating (Watts/Lamp)	Type	Rental Charge
100-Watt	Sodium Vapor	<del>\$ 12.95</del> <u>\$ 12.95</u>
200-Watt	Sodium Vapor	<del>\$ 16.66</del> <u>\$ 16.66</u>
400-Watt	Sodium Vapor	<del>\$ 33.32</del> <u>\$ 33.32</u>

2. All Other Lamps:

Lamp Rating (Watts-Equivalent/Lamp)	Rental Charge
0-200 Watt Equivalent	<del>\$14.69</del> <u>\$14.81</u>
201-400 Watt Equivalent	<del>\$30.44</del> <u>\$33.32</u>
401-800 Watt Equivalent	<del>\$46.19</del> <u>\$51.84</u>
801-1000 Watt Equivalent	<del>\$61.94</del> <u>\$70.35</u>
1001-1500 Watt Equivalent	<del>\$77.69</del> <u>\$88.87</u>

3. Additional Equipment: Fixtures will be installed on existing poles. Additional poles required for a lighting installation may be installed at applicant expense. A maximum of three poles will be allowed at a cost of \$624.23 per pole. Ancillary materials will be an additional expense. The customer shall pay the entire installation cost prior to installation.

4. For customers billed under low-income senior and/or low-income disabled discount residential service, Rate Schedule A-2, a discount will be provided by reducing the monthly bill by 30 percent.

D. Service Conditions. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

(Ord. 28285 Ex. A; passed Mar. 17, 2015; Ord. 28134 Ex. A and Ex. B; passed Feb. 26, 2013; Ord. 27976 Ex. A and Ex. B; passed Mar. 29, 2011; Ord. 27332 § 8; passed Mar. 22, 2005; Ord. 27058 § 8; passed Mar. 18, 2003; Ord. 26848 § 17; passed Sept. 18, 2001; Ord. 26628 § 1; passed May 16, 2000; Ord. 25681 § 15; passed Mar. 21, 1995; Ord. 25460 § 11; passed Mar. 22, 1994; Ord. 25076 § 8; passed Mar. 24, 1992; Ord. 24584 § 14, passed Mar. 20, 1990; Ord. 24280 § 2; passed Feb. 28, 1989; Ord. 24050 § 12; passed Mar. 29, 1988; Ord. 23372 § 9; passed Apr. 16, 1985; Ord. 22878 § 9; passed Mar. 1, 1983; Ord. 22460 § 10; passed Jul. 7, 1981; Ord. 21105 § 1; passed Jul. 5, 1977; Ord. 20267 § 16; passed Dec. 17, 1974; Ord. 19320 § 2; passed Apr. 6, 1971).