



ORDINANCE NO. 28552

1 AN ORDINANCE relating to Tacoma Power; amending Chapter 12.06 of the
2 Tacoma Municipal Code, relating to Electric Energy - Regulations and
3 Rates, by adding thereto a new Section 12.06.371, entitled “Electric
4 Vehicle Fast Charge - Schedule FC,” to establish a temporary rate
5 schedule to test rates that would facilitate economic sales of energy to
6 electric vehicle fast charging sites, effective January 1, 2019, through
7 December 31, 2031.

8 WHEREAS the City of Tacoma, Department of Public Utilities, Light
9 Division, d.b.a. “Tacoma Power,” is requesting an additional schedule,
10 Schedule FC – Electric Vehicle Fast Charge (“Schedule FC”), to Chapter 12.06
11 of the Tacoma Municipal Code, and

12 WHEREAS Schedule FC is a pilot tariff, effective January 1, 2019, through
13 December 31, 2031, for publically-available direct-current (“DC”) stations for the
14 rapid charging of electric vehicles, and

15 WHEREAS Tacoma Power is proposing Schedule FC to test the
16 appropriate rate(s) that would facilitate economic sales of energy to electric
17 vehicle charging sites, and

18 WHEREAS selling energy to owners of electric vehicle charging sites is an
19 economic opportunity for Tacoma Power and could realize more revenue per unit
20 of energy than disposing of that energy into the wholesale market, and, in
21 addition, has a collateral benefit of providing services to the community that
22 remove a barrier to transportation with less pollutants, and

23 WHEREAS, under the proposed Schedule FC, electric vehicle charging
24 sites transition energy and delivery services from Small general service
25 sites transition energy and delivery services from Small general service
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1 (Schedule B) rates to General service (Schedule G) rates over a period of
2 13 years, allowing charging sites to transition into charges that are based on
3 peak monthly demand, and
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5 WHEREAS exact estimates of the cost of service for DC fast charging
6 sites are unknown until further data patterns are available, and
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8 WHEREAS revisions regarding electric regulations and rates require
9 approval by the Public Utility Board and Tacoma City Council, pursuant to
10 Tacoma City Charter Section 4.11, and
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12 WHEREAS the recommended changes to the rates and regulations are
13 just, fair and reasonable, and are in the best interest of the citizens of Tacoma
14 and the customers of Tacoma Power; Now, Therefore,
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16 BE IT ORDAINED BY THE CITY OF TACOMA:
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18 That Chapter 12.06 of the Tacoma Municipal Code is hereby amended by
19 the addition thereto of a new Section 12.06.371, entitled "Electric Vehicle Fast
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1 Charge - Schedule FC," as set forth in the attached Exhibit "A," to be effective
2 January 1, 2019, through December 31, 2031.

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4 Passed _____

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Mayor

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Attest:

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City Clerk

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Approved as to form:

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Chief Deputy City Attorney

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Requested by Public Utility Board
Resolution No. U-11035

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EXHIBIT "A"

Chapter 12.06

ELECTRIC ENERGY – REGULATIONS AND RATES

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Sections:

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12.06.370 Renewable Energy Program.

12.06.371 Electric Vehicle Fast Charge – Schedule FC. Effective January 1, 2019, to December 31, 2031.

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12.06.371 Electric Vehicle Fast Charge – Schedule FC. Effective January 1, 2019 to December 31, 2031.

A. Definitions. The following definitions will apply:

1. Electric Vehicle – A vehicle that uses at least one method of propulsion that is capable of being reenergized by an external source of electricity, is designed to have the capability to drive at a speed of more than 35 miles per hour, and is licensed to drive on state and federal highways.

2. Electric Vehicle Charging Site – A site that hosts the equipment used to deliver electricity to an Electric Vehicle. Hosted equipment must meet all applicable electrical requirements for interconnection and nationally recognized testing laboratory standards.

3. Direct Current (DC) Fast Charger – Electric Vehicle charging equipment with a Direct Current connection that is designed to recharge the battery of an Electric Vehicle.

B. Availability. No more than 25 installations may concurrently participate in this schedule, which will be available for a period of 13 years. Participation in this schedule will be on a first-come, first-served basis.

C. Applicability. Service under this schedule is applicable to non-residential Electric Vehicle Charging Sites supplied through one point of delivery and measured separately from all other commercial loads through one meter. Electric Vehicle Charging Sites must be broadly available to the general public and must include at least one Direct Current (DC) Fast Charger. Ancillary uses, limited to no more than 5 kilovolt amperes (5 kVA) and specifically related to the provision of Electric Vehicle charging (such as lighting), are permitted under this schedule. Actual demand, as determined by Tacoma Power, must not exceed 1 megavolt-amperes (1 MVA).

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.

Unless extended by City Council resolution or ordinance, this schedule will conclude on December 31, 2031. On this date, customers enrolled in Schedule FC will transition their service in accordance with the applicable published rate schedules set forth in Chapter 12.06. Nothing shall prevent the City from adjusting this schedule as it may determine necessary or appropriate.

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

1. Energy: All energy, measured in kilowatt-hours, charged per kWh at:
all Energy charges of the otherwise applicable published rate schedule set forth in Chapter 12.06 + Energy Adder Discount x Energy Adder.



Where Energy Adder Discount is applied in the year shown:

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<u>Effective Year</u>	<u>Energy Adder Discount</u>
<u>2019</u>	<u>1.0</u>
<u>2020</u>	<u>1.0</u>
<u>2021</u>	<u>1.0</u>
<u>2022</u>	<u>0.9</u>
<u>2023</u>	<u>0.8</u>
<u>2024</u>	<u>0.7</u>
<u>2025</u>	<u>0.6</u>
<u>2026</u>	<u>0.5</u>
<u>2027</u>	<u>0.4</u>
<u>2028</u>	<u>0.3</u>
<u>2029</u>	<u>0.2</u>
<u>2030</u>	<u>0.1</u>
<u>2031</u>	<u>0.0</u>

9 And where Energy Adder is calculated per kWh at:
10 all applicable Energy charges of Section 12.06.170 + all applicable Delivery charges of Section 12.06.170 -
11 all Energy charges of the otherwise applicable published rate schedule set forth in Chapter 12.06

12 2. Delivery: All Billing Demand, measured in kilowatts, charged per kW at:
13 Delivery Charge Discount x all Delivery charges of the otherwise applicable published rate schedule set
14 forth in Chapter 12.06.

15 Where Delivery Charge Discount is applied in the year shown:

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<u>Effective Year</u>	<u>Delivery Charge Discount</u>
<u>2019</u>	<u>0.0</u>
<u>2020</u>	<u>0.0</u>
<u>2021</u>	<u>0.0</u>
<u>2022</u>	<u>0.1</u>
<u>2023</u>	<u>0.2</u>
<u>2024</u>	<u>0.3</u>
<u>2025</u>	<u>0.4</u>
<u>2026</u>	<u>0.5</u>
<u>2027</u>	<u>0.6</u>
<u>2028</u>	<u>0.7</u>
<u>2029</u>	<u>0.8</u>
<u>2030</u>	<u>0.9</u>
<u>2031</u>	<u>1.0</u>

21 3. Customer Charge: Customer Charge of the otherwise applicable published rate schedule set forth in
22 Chapter 12.06.

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

- 25 1. The highest measured demand for the month adjusted for power factor; or
- 26 2. Sixty percent of the highest measured demand occurring during any of the preceding 11 months after
adjustment for power factor.

27 F. Service Conditions.

28 1. Upon reasonable notice, customers participating in this schedule shall allow Tacoma Power access to the
29 site in order to inspect, install, maintain, upgrade, replace, or remove Tacoma Power equipment, or to
30 confirm compliance with the applicability conditions set forth hereinabove. If, upon inspection, Tacoma



Power discovers any one of the applicability conditions are not met, service will be immediately transferred in accordance with the applicable published rate schedules set forth in Chapter 12.06.

1 3. Customers participating in this schedule retain the right to cancel service under this rate schedule and
2 transfer to another applicable published rate schedule set forth in Chapter 12.06. The customer may not
3 subsequently elect service under this rate schedule for at least one year after the effective date of
4 cancellation.

5 4. An Electric Vehicle Charging Site is considered broadly available to the general public for the purposes
6 of eligibility on this rate schedule if it is accessible by any driver. Eligibility and acceptance of a customer
7 for service under this rate schedule is subject to review and approval by Tacoma Power.

8 G. Reporting and Limitation on Use of Customer Usage Information: Tacoma Power may publish reports
9 related to this schedule, except when the report would result in publication of information attributable to a
10 single individual customer.

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