



RESOLUTION NO. U-11481

1 A RESOLUTION related to amending Chapter 12.06 of the Tacoma Municipal
2 Code, Electric Energy – Regulations and Rates, regarding electric rate
3 adjustments, effective April 1, 2025, and April 1, 2026.

4 WHEREAS the City of Tacoma, Department of Public Utilities, Light
5 Division ("Tacoma Power"), has proposed new rate adjustments under Chapter
6 12.06 in Title 12 ("Utilities") of the Tacoma Municipal Code ("TMC"), and

7 WHEREAS Tacoma Power's revenue requirement analysis indicates that
8 the utility needs to increase retail revenue by approximately \$66.7 million for the
9 twenty-four-month rate period starting April 1, 2025, and is equivalent to system
10 average rate increase of 5.3 percent in rate year 2025 and 2026, respectively,
11 and

12 WHEREAS the utility has experienced substantial inflationary increases
13 in operating and capital expenses such as materials and supplies, salaries and
14 benefits, construction costs, and technology upgrades that includes the SAP
15 Project, and

16 WHEREAS Tacoma Power anticipates over \$300 million in expenses
17 related to debt service spike, power cost increases, hydro facilities' relicensing,
18 hydro project seismic safety mitigation, and grid modernization, within the next
19 ten years, and

20 WHEREAS the proposed rate increase is designed to generate the
21 additional revenue necessary to meet financial metrics, operational needs, and
22 avoid future rate shocks, and

23 WHEREAS Tacoma Power has made efforts to keep the rate increase at
24 a level that is as low as is responsible and consistent with the Public Utility
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1 Board's Guiding Principle GP-2, regarding financial sustainability and GP-3,
2 regarding rate stability, and

3 WHEREAS those efforts have been made by prioritizing new budget
4 additions and significantly reduced initial Operation & Maintenance ("O&M") and
5 Capital planned spending to mitigate increases in 2025-2026 biennial budget,
6 and

7 WHEREAS efforts are being made to utilize Tacoma Power's current
8 cash reserves to limit the requested annual system-average increase of 5.3% in
9 2025 and 2026,
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11 WHEREAS in addition, Tacoma Power will increase automatic credits,
12 equal to the monthly customer fixed charge, in the Bill Credit Assistance Plan
13 ("BCAP") program to offer more financial assistance to income-constrained
14 customers, and

15 WHEREAS the increased BCAP credits will reduce bills and partially
16 offset the proposed rate increases for participating customers, and

17 WHEREAS Tacoma Power conducted a Cost-of-Service Analysis
18 ("COSA") for the 2025-2026 biennium to determine how to raise the \$66.7
19 million in additional revenue among different rate classes, and
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21 WHEREAS the cost of providing services to each rate class will vary
22 because rate classes have different usage characteristics, therefore, the rate
23 increases allocated to each class will differ, and
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WHEREAS the following are the proposed annual rate increases for
 1 different customer classes based on the COSA, effective on April 1, 2025, and
 2 April 1, 2026, respectively:

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4 **Proposed Increase in Revenue Requirements by Class**

Rate Class		Annual Rate Increase (two-step, levelized)
Residential	A	6.5%
Small General	B	6.1%
General	G	3.2%
High Voltage General	HVG	4.4%
Contract Industrial	CP	8.7%
Street Lighting	H1 Street	6.9%
Traffic Signals	H1 Traffic	5.4%
Private Off-Street Lighting	H2	10.4%

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17 WHEREAS as part of the COSA process, Tacoma Power adjusts the

18 detailed rates for each rate class based on the proposed rate increase

19 percentage, i.e., the COSA indicates that Tacoma Power will need to raise

20 residential rates by 6.5 percent in order for the residential revenue to cover its

21 allocated cost, and

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23 WHEREAS the COSA also indicates that the fixed customer charge is

24 below the fixed costs associated with providing grid connection, meters,

25 customer care, and billing services, therefore, Tacoma Power proposes

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1 increasing the residential monthly fixed charge to the COSA level of customer-
2 related fixed costs, and

3 WHEREAS as a result, the total variable charge will be increased from
4 8.4 cents per kWh to 8.7 cents per kWh in 2025, and 9.2 cents per kWh in
5 2026, for Tacoma Power residential customers; a similar analysis was
6 conducted for each rate class to develop their specific rate structures, and

7 WHEREAS this proposal is in alignment with industry ratemaking
8 standards and best practices, as well as the Public Utility Board's Guiding
9 Principle on Financial Sustainability ("GP-2") and Rates ("GP-3") and supports
10 Tacoma Power's Long-Range Financial Plan, and

11 WHEREAS Board Directive GP-2 directs the utility to incorporate
12 conservatism and gradualism into near-term budgets and rate designs to
13 ensure long-term financial stability and adequate cash reserves to respond to
14 adverse future events, and

15 WHEREAS GP-2 also directs the utility to maintain financial metrics that
16 support the lowest-cost financing and relevant reserve level, and

17 WHEREAS GP-3 specifies that rates need to be adequate, fair, and just
18 for each customer class, and

19 WHEREAS GP-3 directs the utility to set rates at the lowest levels
20 reasonably sufficient to sustain safe, reliable, and environmentally sensitive
21 utility operations and other goals, and

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WHEREAS in addition, Tacoma Power proposes to add clarity in the description of the local distribution credit eligibility on Schedule General Services, and to remove the word "grandfather" on Schedule A-2, and

WHEREAS revisions to Tacoma Power rates require approval by the Public Utility Board and Tacoma City Council pursuant to Tacoma City Charter section 4.11, and

WHEREAS the recommended changes to the rate adjustments are just, fair, and reasonable, in the best interest of the citizens of Tacoma and the customers of Tacoma Power, and Tacoma Power requests the Board approve said adjustments; Now, Therefore,

BE IT RESOLVED BY THE PUBLIC UTILITY BOARD OF THE CITY OF TACOMA:

That the proposed rate adjustments for 2025 set forth in Exhibit A, and the proposed rate adjustments for 2026 set forth in Exhibit B, are approved, and the Council of the City of Tacoma is requested to pass an ordinance that incorporates the revisions of Exhibit A and Exhibit B in to Chapter 12.06 of the Tacoma Municipal Code in a final form approved by the City Attorney's Office.

Approved as to form:

/s/
Chief Deputy City Attorney

Chair

Secretary

Clerk

Adopted _____



Board Action Memorandum

TO: Jackie Flowers, Director of Utilities
COPY: Charleen Jacobs, Director and Board Offices
FROM: Ying Hall, Section Manager, Power Utility
Chris Robinson, Utilities Deputy Director, Power Superintendent
MEETING DATE: October 23, 2024
DATE: October 11, 2024

GUIDING PRINCIPLE ALIGNMENT (select as many that apply):

Please indicate which of the Public Utility Board's Guiding Principle(s) is supported by this action.

- | | |
|--|--|
| <input type="checkbox"/> GP1 – Diversity, Equity, Inclusion, Belonging | <input type="checkbox"/> GP8 – Telecom |
| <input checked="" type="checkbox"/> GP2 – Financial Sustainability | <input type="checkbox"/> GP9 – Economic Development |
| <input checked="" type="checkbox"/> GP3 – Rates | <input type="checkbox"/> GP10 – Government Relations |
| <input type="checkbox"/> GP4 – Stakeholder Engagement | <input type="checkbox"/> GP12 – Employee Relations |
| <input type="checkbox"/> GP5 – Environmental Sustainability | <input type="checkbox"/> GP13 – Customer Service |
| <input type="checkbox"/> GP6 – Innovation | <input type="checkbox"/> GP14 – Resource Planning |
| <input type="checkbox"/> GP7 – Reliability & Resiliency | |

SUMMARY:

Tacoma Power requests approval by the Public Utility Board for two rate adjustments that would become effective on April 1, 2025, and April 1, 2026.

BACKGROUND:

Tacoma Power's revenue requirement analysis indicates that the utility needs to increase retail revenue by approximately \$66.7 million for the twenty-four month rate period starting April 1, 2025. This translates to a system-wide retail rate increase of 5.3 percent in 2025 rate year and 5.3 percent in 2026 rate year. The utility has experienced substantial inflationary increases in operating and capital expenses such as materials and supplies, salaries and benefits, construction costs, and technology upgrades, including the SAP project. Additionally, Tacoma Power anticipates over \$300 million in expenses related to debt service spikes, power cost increases, hydro facilities' re-licensing, hydro project seismic safety mitigation, and grid modernization within the next ten years. The proposed rate increase is designed to generate additional revenue to meet financial metrics, operational needs, and avoid future rate shocks. Tacoma Power has made efforts to keep the rate increase at a level that is as low as is responsible, consistent with the Public Utility Board's Guiding Principle GP-3 regarding rate stability. We have prioritized new budget additions and significantly reduced our initial Operation & Maintenance (O&M) and Capital planned spending to mitigate increases in our 2025/2026 biennial budget. We plan to utilize Tacoma Power's current cash reserves to limit the requested annual system-average increase of 5.3% in 2025 and 2026. In addition, Tacoma Power will increase automatic credits, equal to the monthly customer fixed charge, in the Bill Credit Assistance Plan (BCAP) program to offer more financial assistance to income-constrained customers. The increased BCAP credits will reduce bills and partially offset the proposed rate increases for participating customers.



Board Action Memorandum

Tacoma Power conducted a Cost-of-Service Analysis (COSA) for the 2025/2026 biennium to determine how to raise the \$66.7 million additional revenue among different rate classes. The cost of providing services to each rate class will vary because rate classes have different usage characteristics. Consequently, the rate increases allocated to each class will differ. The following are the proposed annual rate increases for different customer classes based on the COSA, effective on April 1, 2025 and April 1, 2026, respectively.

Proposed Increase in Revenue Requirement by Class		
Rate Class		Annual Rate Increase (two-step, levelized)
Residential	A	6.5%
Small General	B	6.1%
General	G	3.2%
High Voltage General	HVG	4.4%
Contract Industrial	CP	8.7%
Street Lighting	H1 Street	6.9%
Traffic Signals	H1 Traffic	5.4%
Private Off-Street Lighting	H2	10.4%

As part of the COSA process, Tacoma Power adjusts the detailed rates for each rate class based on the proposed rate increase percentage. For example, the COSA indicates that Tacoma Power will need to raise residential rates by 6.5 percent in order for the residential revenue to cover its allocated cost. The COSA also indicates that the fixed customer charge is below the fixed costs associated with providing grid connection, meters, customer care, and billing services. Therefore, Tacoma Power proposes increasing the residential monthly fixed customer charge by \$3.00 in 2025 and an additional \$3.00 in 2026 to bring the fixed charge to the COSA level of customer-related fixed costs. The remainder of the rate increase is applied to the delivery charge. As a result, the total variable charge will be increased from 8.4 cents per kWh to 8.7 cents per kWh in 2025 and 9.2 cents per kWh in 2026 for Tacoma Power residential customers. A similar analysis was conducted for each rate class to develop their specific rate structures.

This proposal is in alignment with industry ratemaking standards and best practices, as well as the Public Utility Board’s Guiding Principle on Financial Sustainability (GP-2) and Rates (GP-3) and supports Tacoma Power’s Long-Range Financial Plan. Board Directive GP-2 directs the utility to incorporate conservatism and gradualism into near-term budgets and rate designs to ensure long-term financial stability and adequate cash reserves to respond to adverse future events. GP-2 also directs the utility to maintain financial metrics that support the lowest-cost financing and relevant reserve level. Board Directive GP-3 specifies that rates need to be adequate, fair and just for each customer class. GP-3 directs the utility to set rates at the lowest levels reasonably sufficient to sustain safe, reliable and environmentally-sensitive utility operations and other goals.

In addition, Tacoma Power proposes to add clarity in the description of the local distribution credit eligibility on Schedule General Services, and to remove the word “grandfather” on Schedule A-2 to be gender-neutral.



Board Action Memorandum

In preparation for this request, Tacoma Power has actively sought public input through public presentations to the neighborhood councils of Tacoma, city councils in communities served by Tacoma Power, community organizations, and other stakeholders. Tacoma Power has presented overviews and proposals on revenue, budget, and rates to the Board at different stages of the rates development process. Approval of the rate proposal by the Public Utility Board is scheduled for October 9 and October 23, 2024. The first reading by the City Council is scheduled for November 19, 2024, with a second reading and adoption scheduled for December 3, 2024.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

IF THE EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW IT IS TO BE COVERED.

N/A

IF THE ACTION REQUESTED IS APPROVAL OF A CONTRACT, INCLUDE LANGUAGE IN RESOLUTION AUTHORIZING \$200,000 INCREASE IN ADMINISTRATIVE AUTHORITY TO DIRECTOR? No

ATTACHMENTS:

Proposed Amendments to Chapter 12.06 of the Tacoma Municipal Code

CONTACT:

Primary Contact: Jing Liu, Rates and Forecasting Manager, Tacoma Power

Supervisor's Name: Ying Hall, Section Manager, Power Utility

Presenter (if different from primary contact): Ying Hall, Section Manager, Power Utility



TO: Elizabeth Pauli, City Manager
FROM: Jackie Flowers, Director of Utilities, Tacoma Public Utilities
COPY: City Council and City Clerk
SUBJECT: Proposed Rate Ordinance –Amend and revise TMC Chapter 12.06 regarding Electric Rates
DATE: November 19, 2024

SUMMARY AND PURPOSE:

Tacoma Power requests approval by the City Council for two rate adjustments that would become effective on April 1, 2025, and April 1, 2026, respectively.

BACKGROUND:

This Department’s Recommendation is Based On: Tacoma Power’s revenue requirement analysis indicates that the utility needs to increase retail revenue by approximately \$66.7 million for the twenty-four month rate period starting April 1, 2025 (\$49.5 million for the 2025/2026 budget period). This translates to a system-wide retail rate increase of 5.3 percent in 2025 rate year and 5.3 percent in 2026 rate year. The utility has experienced substantial inflationary increases in operating and capital expenses such as materials and supplies, salaries and benefits, construction costs, and technology upgrades, including the SAP project. Additionally, Tacoma Power anticipates over \$300 million in expenses related to debt service spikes, power cost increases, hydro facilities’ re-licensing, hydro project seismic safety mitigation, and grid modernization within the next ten years. The proposed rate increase is designed to generate additional revenue to meet financial metrics, operational needs, and avoid drastic rate fluctuations in the future. Tacoma Power has made efforts to keep the rate increase at a level that is as low as is responsible, aligned with the Public Utility Board’s Guiding Principle on rates. We have prioritized new budget additions and significantly reduced our Operation & Maintenance and Capital planned spending to mitigate increases in our 2025/2026 rates. We also plan to utilize Tacoma Power’s current cash reserves to limit the requested annual system-average increase of 5.3% in 2025 and 2026. In addition, Tacoma Power will increase automatic credits, equal to the monthly customer fixed charge, in the Bill Credit Assistance Plan (BCAP) program to offer more financial assistance to income-constrained customers. The increased BCAP credits will reduce bills by an additional \$36 per year in 2025 and another additional \$36 per year in 2026 to partially offset the proposed rate increases for participating electric customers.

Tacoma Power conducted a Cost-of-Service Analysis (COSA) for the 2025/2026 biennium to determine how to raise the \$66.7 million additional revenue among different rate classes. The cost of providing services to each rate class will vary because rate classes have different usage characteristics. Consequently, the rate increases allocated to each class will differ. The following are the proposed annual rate increases for different customer classes based on the COSA, effective April 1, 2025 and April 1, 2026, respectively.



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High Voltage General	HVG	4.4%
Contract Industrial	CP	8.7%
Street Lighting	H1 Street	6.9%
Traffic Signals	H1 Traffic	5.4%
Private Off-Street Lighting	H2	10.4%

In addition, Tacoma Power proposes minor administrative amendments to the Tacoma Municipal Code to add clarity in the description of the local distribution credit eligibility on Schedule General Services, and to remove the word “grandfather” on Schedule A-2 to be gender-neutral.

COMMUNITY ENGAGEMENT/ CUSTOMER RESEARCH:

In preparation for this request, Tacoma Power has actively sought public input through numerous public presentations to the neighborhood councils of Tacoma, city councils in communities served by Tacoma Power, community organizations, and other stakeholders throughout our service territory. Tacoma Power has presented overviews and proposals on revenue, budget, and rates to the Public Utility Board, Government Performance and Finance Committee, and the City Council at different stages of the rates development process.

ALTERNATIVES:

Presumably, your recommendation is not the only potential course of action; please discuss other alternatives or actions that City Council or staff could take. Please use table below.

Alternative(s)	Positive Impact(s)	Negative Impact(s)
1. No rate adjustment	Lower rates in the short term for Tacoma residents and other Tacoma Power customers	<ul style="list-style-type: none"> Higher rate increases in the long term \$66.7 million dollar shortfall in the 2025/2026 rate period May fail to meet financial metrics or critically impact the operational needs of the utility. Failure to



		meet financial metrics may lead to adverse impacts on Tacoma Power's credit ratings.
2.		
3.		

EVALUATION AND FOLLOW UP:

Tacoma Power monitors budget-to-actual performance monthly, constantly updates financial forecasts for the ten-year financial planning window and prepares and presents Quarterly Outlook reports and Cash Projections to the Public Utility Board.

STAFF/SPONSOR RECOMMENDATION:

Tacoma Power recommends two system-average rate adjustments, the first of 5.3 percent system average increase effective April 1, 2025, and the second of 5.3 percent system average increase effective April 1, 2026. The rate increases for each rate class are different based on cost-of-service analysis results.

FISCAL IMPACT:

The proposed rates will increase Tacoma Power's retail revenue by approximately \$49.5 million for the 2025/2026 budget period (January 1, 2025 to December 31, 2026.)

Fund Number & Name	COST OBJECT (CC/WBS/ORDER)	Cost Element	Total Amount
1. 4700-Power		Retail Revenue	\$49.5 million
2.			
TOTAL			



What Funding is being used to support the expense?

N/A

Are the expenditures and revenues planned and budgeted in this biennium's current budget?

YES

Yes, Tacoma Power is currently planning for additional revenue of \$49.5 million for the 2025-2026 budget period (January 1, 2025 through December 31, 2026), and approximately \$66.7 million dollars for the rate period (twenty-four-month period from April 2025 through March 2027).

Are there financial costs or other impacts of not implementing the legislation?

YES

If the ordinance is not adopted, Tacoma Power will be unable to achieve its adopted financial policy objectives.

Will the legislation have an ongoing/recurring fiscal impact?

YES

Retail rates are ongoing revenue.

Will the legislation change the City's FTE/personnel counts?

NO

No additional personnel needed.

ATTACHMENTS:

- Proposed Amendments to Chapter 12.06 TMC

EXHIBIT "A" – EFFECTIVE APRIL 1, 2025

CHAPTER 12.06
ELECTRIC ENERGY – REGULATIONS AND RATES¹

* * *

12.06.160 Residential service – Schedule A-1.

A. Availability.

Available for domestic purposes in residences, apartments, duplex houses, multiple-family dwellings, and residential garages.

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 \$0.045351 per kWh.

2. Delivery: All energy delivered in kilowatt-hours at ~~\$0.038207~~ 0.042057 per kWh.

3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$25.3028.30~~ per month, for all but collectively metered apartments; ~~\$20.7023.15~~ per month, for collectively metered apartments.

4. Exceptions:

(a) Within the City of Fife:

(1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038207~~ 0.042057 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$25.3028.30~~ per month, for all but collectively metered apartments; ~~\$20.7023.15~~ per month, for collectively metered apartments.

(b) Within the City of Fircrest:

(1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038207~~ 0.042057 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$25.3028.30~~ per month, for all but collectively metered apartments; ~~\$20.7023.15~~ per month, for collectively metered apartments.

(c) Within the City of Lakewood:

(1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038207~~ 0.042057 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$25.3028.30~~ per month, for all but collectively metered apartments; ~~\$20.7023.15~~ per month, for collectively metered apartments.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038207~~ 0.042057 per kWh.

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

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$25.30~~28.30 per month, for all but collectively metered apartments; ~~\$20.70~~23.15 per month, for collectively metered apartments.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.048644 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.04098~~0.04511 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$27.44~~30.36 per month, for all but collectively metered apartments; ~~\$22.20~~24.83 per month, 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.

12.06.165 Low-income senior and/or low-income disabled discount residential service – Schedule A-2.

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A. Availability.

Available for domestic purposes in residences, apartments, duplex houses, multiple family dwellings, and residential garages.

B. Applicability.

To single residences, individually metered apartments, and residential garages. To Tacoma Power customers who:

1. (a) Are 62 years of age or older, and have a maximum annual household income of not more than 45 percent of the Median Family Income as adjusted for Section 8 Income Limit calculations established by the Department of Housing & Urban Development (or its successor agency) for the Tacoma, WA Housing and Urban Development Fair Market Rent Area for the number of individuals in the household; or

(b) Receive Supplemental Security Income pursuant to 42 USC Sections 1381 through 1383; or

(c) Are disabled and receive income from a disability program as a result of a disability that prevents working consistent with the requirements of 42 USC Section 401 et seq., and have a maximum annual household income of not more than 45 percent of the Median Family Income as adjusted for Section 8 Income Limit calculations established by the Department of Housing & Urban Development (or its successor agency) for the Tacoma, WA Housing and Urban Development Fair Market Rent Area for the number of individuals in the household; and

2. Are a single occupant or the head of a household or the spouse of the head of the household; and

3. Reside in the dwelling unit; and

4. Are billed or are the spouse of a person billed by Tacoma Power; and

5. Customers who have been certified eligible by the authorized administering agency on or before January 1, 2021, and who have an active City of Tacoma Department of Public Utilities (d.b.a. Tacoma Public Utilities) utility account (prior to said date) shall be grandfathered continue to receive the same discount pursuant to the prior income eligibility criteria until such account closes. If a customer closes the active account and does not reestablish a new account within ten business days, or if a customer has never applied for the discount rate, then the customer must apply in accordance with the hereinabove criteria. Eligibility shall be certified by Tacoma Power or appropriate authorized administering organization(s). Each applicant may be contacted regarding weatherization services.

C. Monthly Rate.

Sixty-five percent of the monthly bill as calculated under Section 12.06.160 of the Tacoma Municipal Code, known as Residential Service - Schedule A-1.

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.

12.06.170 Small general service – Schedule B.

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 \$0.044616 per kWh.
2. Delivery: All energy delivered in kilowatt-hours at ~~\$0.038014~~ 0.040384 per kWh.
3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.95-35.05~~ per month, for all but unmetered services; ~~\$22.55-27.30~~ per month, for unmetered services.
4. Exceptions:
 - (a) Within the City of Fife:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038014~~ 0.040384 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.95-35.05~~ per month, for all but unmetered services; ~~\$22.55-27.30~~ per month, for unmetered services.
 - (b) Within the City of Fircrest:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038014~~ 0.040384 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.95-35.05~~ per month, for all but unmetered services; ~~\$22.55-27.30~~ per month, for unmetered services.
 - (c) Within the City of Lakewood:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038014~~ 0.040384 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.95-35.05~~ per month, for all but unmetered services; ~~\$22.55-27.30~~ per month, for unmetered services.
 - (d) Within the City of Steilacoom:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.038014~~ 0.040384 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.95-35.05~~ per month, for all but unmetered services; ~~\$22.55-27.30~~ per month, for unmetered services.
 - (e) Within the City of University Place:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.047856 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.040774~~ 0.043317 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$34.05-37.60~~ per month, for all but unmetered services; ~~\$24.19-29.28~~ per month, 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.

* * *

12.06.215 General service – Schedule G.²

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.

The customer's initial load or subsequent load growth cannot exceed 10 average megawatts (aMW) over any consecutive 12-month period. If a customer's energy consumption grows by 10 aMW or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

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.

For customers (1) who own and maintain their substation transformer to take power directly from the high-voltage transmission level; and (2) do not use any of Tacoma Power's local distribution facilities other than substation transformation; and (3) who do not take service under Schedule Contract Industrial Service, a substation transformer and local distribution credit of \$3,732.12 per kilowatts per month will be provided. A customer who receives the substation transformer and local distribution credit shall not be eligible to also receive either the distribution-level transformer discount or primary metering discount.

B. Monthly Rate.

The sum of the following energy, delivery, and customer charges:

1. Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.
2. Delivery: All kilowatts of Billing Demand delivered at \$9.4410.37 per kW.
3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.
4. Exceptions:
 - (a) Within the City of Fife:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.
 - (2) Delivery: All kilowatts of Billing Demand delivered at \$9.4410.37 per kW.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.
 - (b) Within the City of Fircrest:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.
 - (2) Delivery: All kilowatts of Billing Demand delivered at \$9.4410.37 per kW.

² Code Reviser's note: See 12.06.215.E for an exception to the effective date of Chapter 12.06.215.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

(c) Within the City of Lakewood:

(1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$9.44~~10.37 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$9.44~~10.37 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.062227 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$10.43~~11.12 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$88.81 per month.

C. Billing Demand.

Determined by means of a demand meter, 30-minute interval. 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.

* * *

12.06.225 High voltage general service – Schedule HVG.

A. Availability.

For customers receiving service from Tacoma Power under this rate schedule prior to April 1, 2021. After April 1, 2021, customers served under this rate schedule who transition their service to another rate schedule shall no longer be eligible for service under this schedule. 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. For customers who provide all of their own transformation from Tacoma Power's transmission system voltage, a credit of 20.00 percent will be applicable to the delivery charge.

The customer's load growth cannot exceed 10 average megawatts (aMW) over any consecutive 12-month period. If a customer's energy consumption grows by 10 aMW or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

B. Monthly Rate.

The sum of the following energy, delivery, and customer charges:

1. Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.

2. Delivery: All kilowatts of Billing Demand delivered at ~~\$5-2+6.45~~ per kW.

3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.

4. Exceptions:

(a) Within the City of Fife:

(1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$5-2+6.45~~ per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.

(b) Within the City of Fircrest:

(1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$5-2+6.45~~ per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.

(c) Within the City of Lakewood:

(1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$5-2+6.45~~ per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$5-2+6.45~~ per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.049050 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$5-596.92~~ per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,877.08 per month.

C. Billing Demand.

Determined by means of a demand meter, 30-minute interval. 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).

D. 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.

12.06.260 Contract industrial service – Schedule CP.

A. Availability.

For (1) existing customers receiving service from Tacoma Power under this rate schedule as of December 31, 2023; (2) existing Tacoma Power customers migrating from Schedule NLL, provided such customers were served under Schedule NLL for at least ten consecutive years; (3) existing Tacoma Power customers migrating from Schedule G who begin taking power from high voltage transmission level and do not use Tacoma Power's distribution system and who meet the requirements this rate schedule; (4) existing Tacoma Power customers migrating from Schedule HVG and meet the requirements for this rate schedule.

If a customer's energy consumption grows by 10 average megawatts or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

B. Minimum Requirements.

Every customer under Schedule CP must execute 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 megawatts;
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.

C. Monthly Rate.

The sum of the following power service, delivery, customer and other charges:

1. Power Service Charges:

- (a) Energy: All energy measured in kilowatt-hours at \$0.034198 per kWh.
- (b) Demand: All kilowatts of Billing Demand delivered at ~~\$5,250.22~~ per kW.
- (c) Minimum Charge: The Demand Charge.
- (d) 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:

$$\text{Contract Demand Overrun Charge} = \text{Excess MW} \times 300\% \times \text{DC}$$

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

2. Delivery: All kilowatts of Billing Demand delivered at ~~\$4,646.27~~ per kW.
3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$5,155.00 per month.
4. Additional Charges:

This rate schedule specifies power rates based on Tacoma Power's system portfolio. If the customer requires additional environmental or locational attributes in power supply, additional charges including the incremental costs and Tacoma Power's administrative costs will apply and be stated in the Power Service Agreement.

D. Billing Demand.

Determined by means of a demand meter, 30-minute interval.

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; or
- (c) 60 percent of the highest Contract Demand (as set forth in the Contract) during any of the preceding 11 months.

E. 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.

12.06.265 New large load service under 10 aMW – Schedule NLL.

A. Applicability.

For new loads or expanding existing loads greater than 8 megawatts (MW) but less than 10 average megawatts (aMW) within any consecutive 12-month period. Loads receiving service under Schedule NLL may receive service under Schedule CP (or a successor rate) after a period of ten consecutive years from the beginning of service if applicable requirements are met.

The customer's initial load or subsequent load growth cannot exceed 10 aMW over any consecutive 12-month period. If a customer's energy consumption grows by 10 aMW or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

B. Minimum Requirements.

For large 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 MW and not more than 10 aMW within any consecutive 12-month period;
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.

C. Monthly Rate.

The sum of the following power service, delivery, customer and other charges:

1. Power Service Charges:

- (a) Energy: All energy measured in kilowatt-hours at \$0.039328 per kWh.
- (b) Demand: All kilowatts of Billing Demand delivered at ~~\$6.047~~ 7.15 per kW.
- (c) Minimum Charge: The Demand Charge.
- (d) 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:

$$\text{Contract Demand Overrun Charge} = \text{Excess MW} \times 300\% \times \text{DC}$$

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

2. Delivery: All kilowatts of Billing Demand delivered at ~~\$5.307~~ 7.21 per kW.
3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$5,928.25 per month.
4. This rate schedule specifies power rates based on Tacoma Power's system portfolio. If the customer requires additional environmental or locational attributes in power supply, additional charges including the incremental costs and Tacoma Power's administrative costs will apply in the Power Service Agreement.

D. Billing Demand.

Determined by means of a demand meter, 30 minute interval.

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; or
- (c) 60 percent of the highest Contract Demand (as set forth in the Contract) during any of the preceding 11 months.

E. 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.

12.06.290 Street lighting and traffic signal service – Schedule H-1.

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:

Nominal Wattage	Energy Charge Per Unit
Up to 150 Watts	\$3.974.24
151-220 Watts	\$5.826.23
221-320 Watts	\$8.479.05
321-520 Watts	\$13.7614.71
521 & Over Watts	\$21.7023.20

(b) High Intensity Discharge Lamps:

Nominal Wattage	Energy Charge Per Unit		
	Continuous	Dusk to Dawn	Dusk to 2:20 a.m.
50 Watts	\$2,943.14	\$1,581.69	\$1,001.06
70 Watts	\$4,084.37	\$2,222.37	\$1,401.49
100 Watts	\$5,856.25	\$3,163.38	\$1,992.13
150 Watts	\$8,799.39	\$4,745.06	\$2,993.19
175 Watts	\$10,2410.95	\$5,535.91	\$3,483.72
200 Watts	\$11,7012.51	\$6,316.75	\$3,974.24
250 Watts	\$14,6415.65	\$7,918.45	\$4,985.32
310 Watts	\$18,1419.40	\$9,8010.48	\$6,176.59
400 Watts	\$23,4125.02	\$12,6413.51	\$7,958.50
700 Watts	\$40,9643.78	\$22,1323.65	\$13,9314.90
1000 Watts	\$53,6457.35	\$28,9730.97	\$18,2519.51
1500 Watts	\$87,7793.83	\$47,4150.68	\$29,8631.92

(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 \$48,7652.13, \$26,3528.17, and \$16,5917.73 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	\$2,883.04
Heads	\$4,364.59
(2) Flashing	
Controllers	\$1,441.52
Heads	\$2,172.29

(1) Incandescent Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait
8 Inch Bulb	\$2,392. 52	\$0,130. 14	\$1,831. 93	\$2,172. 29		
12 Inch Bulb	\$5,856. 16	\$0,320. 34	\$4,464. 70	\$5,315. 60		
Pedestrian Head					\$2,172. 29	\$2,172. 29

(2) Light Emitting Diodes (LED) Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait

8 Inch LED	\$0.280 30	\$0.02	\$0.190 20	\$0.260 27		
12 Inch LED	\$0.450 47	\$0.02	\$0.370 39	\$0.400 42		
Pedestrian Head					\$0.260 27	\$0.260 27

(3) Neon Lamps:

Unit Type	Energy Charge Per Unit	
	Walk	Wait
Pedestrian Head	\$0.220 .23	\$0.860 .91

(4) Controllers:

Unit Type	Energy Charge Per Unit
Traffic	\$2.883 .04
Flashing	\$1.441 .52

(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 ~~\$0.0569000~~.059963 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 \$0.035690 per kWh.
- (b) Delivery: All energy delivered in kilowatt-hours at ~~\$0.0144130~~.023264 per kWh.
- (c) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$4.3511.40~~ per month.

4. Exception: Within the City of University Place.

Rates stated herein are for (1) unmetered installations [items (a) and (b)] 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 (c)].

(a) Street Lighting Units (Unmetered):

(i) Incandescent Lamps:

Nominal Wattage	Energy Charge Per Unit
Up to 150 Watts	\$4.264 .55
151-220 Watts	\$6.256 .68
221-320 Watts	\$9.089 .71
321-520 Watts	\$14.761 5.78
521 & Over Watts	\$23.282 4.89

(ii) High Intensity Discharge Lamps:

Nominal Wattage	Energy Charge Per Unit		
	Continuous	Dusk to Dawn	Dusk to 2:20 a.m.
50 Watts	\$3,153.37	\$1,691.81	\$1,071.14
70 Watts	\$4,384.68	\$2,382.54	\$1,501.60
100 Watts	\$6,276.70	\$3,393.62	\$2,142.28
150 Watts	\$9,4210.07	\$5,085.43	\$3,203.42
175 Watts	\$10,9811.74	\$5,936.34	\$3,733.99
200 Watts	\$12,5513.42	\$6,777.24	\$4,264.55
250 Watts	\$15,7116.79	\$8,489.06	\$5,345.71
310 Watts	\$19,4620.81	\$10,5211.24	\$6,647.07
400 Watts	\$25,1126.84	\$13,5614.50	\$8,539.12
700 Watts	\$43,9346.96	\$23,7325.37	\$14,9515.98
1000 Watts	\$57,5461.51	\$31,0733.22	\$19,5720.92
1500 Watts	\$94,14100.64	\$50,8554.36	\$32,0334.24

(iii) At the discretion of Tacoma Power, all lamps may be charged the following equivalent rate: Energy charge for lamp installations at the rate of ~~\$52,3055.91~~, ~~\$28,2630.21~~, and ~~\$17,7919.02~~ per month per kilowatt of total connected load for Continuous, Dusk to Dawn, and Dusk to 2:20 a.m. lamps, respectively.

(b) Traffic Control Units (Unmetered):

(i)

Unit Type	Energy Charge Per Unit
(1) Red - Amber - Green	
Controllers	\$3,093.26
Heads	\$4,684.93
(2) Flashing	
Controllers	\$1,541.63
Heads	\$2,332.45

(ii) Incandescent Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait
8 Inch Bulb	\$2,562.70	\$0,140.15	\$1,962.07	\$2,332.45		
12 Inch Bulb	\$6,276.61	\$0,340.36	\$4,785.04	\$5,706.00		
Pedestrian Head					\$2,332.45	\$2,332.45

(iii) Light Emitting Diodes (LED) Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait

8 Inch LED	\$0.30 <u>0.32</u>	\$0.020 <u>.02</u>	\$0.20 <u>0.21</u>	\$0.280.2 <u>9</u>		
12 Inch LED	\$0.48 <u>0.51</u>	\$0.02	\$0.40 <u>0.42</u>	\$0.430.4 <u>5</u>		
Pedestrian Head					\$0.28 <u>0.29</u>	\$0.280 <u>.29</u>

(iv) Neon Lamps:

Unit Type	Energy Charge Per Unit	
	Walk	Wait
Pedestrian Head	\$0.240.25	\$0.920.97

(v) Controllers:

Unit Type	Energy Charge Per Unit
Traffic	\$3.093.26
Flashing	\$4.541.63

(vi) 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 ~~\$0.0640320.064317~~ per kWh per month.

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

(i) Energy: All energy measured in kilowatt-hours at \$0.038282 per kWh.

(ii) Delivery: All energy delivered in kilowatt-hours at ~~\$0.0154600.024953~~ per kWh.

(iii) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$4.1012.23~~ per month.

C. Service Conditions.

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

12.06.300 Private off-street lighting service – Schedule H-2.³

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.

- 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.
- Tacoma Power will install, own, and maintain the equipment.
- Energy will be provided on an unmetered basis.

³ Code Reviser's note: See 12.06.300.C.4 for an exception to the effective date of Chapter 12.06.300.

C. Monthly Rate.

1. High Pressure Sodium Lamps:

Lamp Rating (Watts/Lamp)	Type	Rental Charge
100-Watt	Sodium Vapor	\$14.5016.01
200-Watt	Sodium Vapor	\$18.6620.60
400-Watt	Sodium Vapor	\$27.3141.20

2. All Other Lamps:

Lamp Rating (Watts-Equivalent/Lamp)	Rental Charge
0-200 Watt Equivalent	\$16.5918.32
201-400 Watt Equivalent	\$27.3141.20
401-800 Watt Equivalent	\$58.0564.10
801-1000 Watt Equivalent	\$78.7886.98
1001-1500 Watt Equivalent	\$99.51109.87

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 per pole specified in the following table. Ancillary materials will be an additional expense. The customer shall pay the entire installation cost prior to installation.

Effective Date	Cost for Each Additional Pole
April 1, 2023	\$1,120.00
April 1, 2024	\$1,616.00
April 1, 2025	\$2,112.00
April 1, 2026	\$2,608.00
April 1, 2027	\$3,104.00

4. Exception: Within the City of University Place.

(a) High Pressure Sodium Lamps:

Lamp Rating (Watts/Lamp)	Type	Rental Charge
100-Watt	Sodium Vapor	\$15.5517.17
200-Watt	Sodium Vapor	\$20.0222.10
400-Watt	Sodium Vapor	\$40.0244.19

(b) All Other Lamps:

Lamp Rating (Watts-Equivalent/Lamp)	Rental Charge
0-200 Watt Equivalent	\$17.7919.65
201-400 Watt Equivalent	\$40.0244.19
401-800 Watt Equivalent	\$62.2768.75
801-1000 Watt Equivalent	\$84.5093.30
1001-1500 Watt Equivalent	\$106.74117.85

(c) 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 per pole specified in the following table. Ancillary materials will be an additional expense. The customer shall pay the entire installation cost prior to installation.

	Cost for Each Additional Pole
2023	\$1,201.33
2024	\$1,733.35
2025	\$2,265.36
2026	\$2,797.38
2027	\$3,329.40

5. Effective January 1, 2021⁴, 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 35 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.

12.06.372 Shore power – Schedule SP.

A. Applicability.

Service under this schedule is applicable to electric service connections to marine vessels with systems that can accept power from shore rather than use onboard power generation systems while in dock and are metered separately from all other commercial loads. To receive service under this schedule, a customer must execute a Power Service Agreement (Contract) with Tacoma Power which shall, at a minimum, include provisions regarding scheduling and curtailments of loads. Tacoma Power reserves the right to curtail service under this schedule due to maintenance or emergency conditions on the Tacoma Power electrical system.

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 supply, delivery, and customer charges:

1. Energy Supply and Delivery: All energy supplied and delivered in kilowatt-hours at ~~\$0.131683~~ 0.135897 per kWh.
2. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$83.25 per month.

C. Service Conditions.

1. Customer account holders receiving energy under this rate schedule shall be authorized to recover amounts billed under this schedule from third parties without being held to be in violation of Tacoma Municipal Code 12.06.120.
2. Power factor provision applicable.
3. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

⁴ Code Reviser’s note: A scrivener’s error related to the effective date of 12.06.300.C.4 was corrected, to reflect an effective date of January 1, 2021.

EXHIBIT “B” – EFFECTIVE APRIL 1, 2026

**CHAPTER 12.06
ELECTRIC ENERGY – REGULATIONS AND RATES¹**

* * *

12.06.160 Residential service – Schedule A-1.

A. Availability.

Available for domestic purposes in residences, apartments, duplex houses, multiple-family dwellings, and residential garages.

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 \$0.045351 per kWh.
2. Delivery: All energy delivered in kilowatt-hours at ~~\$0.042057~~-0.046295 per kWh.
3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.3031.30~~ per month, for all but collectively metered apartments; ~~\$23.15~~-25.60 per month, for collectively metered apartments.
4. Exceptions:
 - (a) Within the City of Fife:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.042057~~-0.046295 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.3031.30~~ per month, for all but collectively metered apartments; ~~\$23.15~~-25.60 per month, for collectively metered apartments.
 - (b) Within the City of Fircrest:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.042057~~-0.046295 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.3031.30~~ per month, for all but collectively metered apartments; ~~\$23.15~~-25.60 per month, for collectively metered apartments.
 - (c) Within the City of Lakewood:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.042057~~-0.046295 per kWh.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.3031.30~~ per month, for all but collectively metered apartments; ~~\$23.15~~-25.60 per month, for collectively metered apartments.
 - (d) Within the City of Steilacoom:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045351 per kWh.
 - (2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.042057~~-0.046295 per kWh.

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

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$28.30~~ \$31.30 per month, for all but collectively metered apartments; ~~\$23.15~~ \$25.60 per month, for collectively metered apartments.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.048644 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.045111~~ 0.049657 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$30.36~~ \$33.57 per month, for all but collectively metered apartments; ~~\$24.83~~ \$27.46 per month, 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.

12.06.170 Small general service – Schedule B.

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 \$0.044616 per kWh.

2. Delivery: All energy delivered in kilowatt-hours at ~~\$0.040384~~ 0.042902 per kWh.

3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$35.05~~ \$41.15 per month, for all but unmetered services; ~~\$27.30~~ \$32.05 per month, for unmetered services.

4. Exceptions:

(a) Within the City of Fife:

(1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.040384~~ 0.042902 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$35.05~~ \$41.15 per month, for all but unmetered services; ~~\$27.30~~ \$32.05 per month, for unmetered services.

(b) Within the City of Fircrest:

(1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.040384~~ 0.042902 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$35.05~~ \$41.15 per month, for all but unmetered services; ~~\$27.30~~ \$32.05 per month, for unmetered services.

(c) Within the City of Lakewood:

(1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.040384~~ 0.042902 per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$35.05~~ \$41.15 per month, for all but unmetered services; ~~\$27.30~~ \$32.05 per month, for unmetered services.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$0.044616 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.040384~~-~~0.042902~~ per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$35.05~~-~~41.15~~ per month, for all but unmetered services; ~~\$27.30~~~~32.05~~ per month, for unmetered services.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.047856 per kWh.

(2) Delivery: All energy delivered in kilowatt-hours at ~~\$0.043317~~-~~0.046017~~ per kWh.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$37.60~~-~~44.14~~ per month, for all but unmetered services; ~~\$29.28~~~~34.38~~ per month, 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.

* * *

12.06.215 General service – Schedule G.²

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.

The customer's initial load or subsequent load growth cannot exceed 10 average megawatts (aMW) over any consecutive 12-month period. If a customer's energy consumption grows by 10 aMW or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

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.

For customers (1) who owns and maintains its own substation transformer to take power directly from the high-voltage transmission level; and (2) do not use any of Tacoma Power's local distribution facilities, a substation transformer and local distribution credit of ~~\$2.123~~-~~14~~ per kilowatts per month will be provided. A customer who receives the substation transformer and local distribution credit shall not be eligible to also receive either the distribution-level transformer discount or primary metering discount.

B. Monthly Rate.

The sum of the following energy, delivery, and customer charges:

1. Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.

2. Delivery: All kilowatts of Billing Demand delivered at ~~\$10.37~~-~~11.39~~ per kW.

3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

4. Exceptions:

² Code Reviser's note: See 12.06.215.E for an exception to the effective date of Chapter 12.06.215.

(a) Within the City of Fife:

(1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$10.37~~ 11.39 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

(b) Within the City of Fircrest:

(1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$10.37~~ 11.39 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

(c) Within the City of Lakewood:

(1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$10.37~~ 11.39 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

(d) Within the City of Steilacoom:

(1) Energy: All energy measured in kilowatt-hours at \$0.058014 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$10.37~~ 11.39 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$82.80 per month.

(e) Within the City of University Place:

(1) Energy: All energy measured in kilowatt-hours at \$0.062227 per kWh.

(2) Delivery: All kilowatts of Billing Demand delivered at ~~\$11.12~~ 12.22 per kW.

(3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$88.81 per month.

C. Billing Demand.

Determined by means of a demand meter, 30-minute interval. 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.

* * *

12.06.225 High voltage general service – Schedule HVG.

A. Availability.

For customers receiving service from Tacoma Power under this rate schedule prior to April 1, 2021. After April 1, 2021, customers served under this rate schedule who transition their service to another rate schedule shall no longer be eligible for service under this schedule. 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. For customers who provide all of their own transformation from Tacoma Power's transmission system voltage, a credit of 20.00 percent will be applicable to the delivery charge.

The customer's load growth cannot exceed 10 average megawatts (aMW) over any consecutive 12-month period. If a customer's energy consumption grows by 10 aMW or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

B. Monthly Rate.

The sum of the following energy, delivery, and customer charges:

1. Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.
2. Delivery: All kilowatts of Billing Demand delivered at ~~\$6.457.99~~ per kW.
3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.
4. Exceptions:
 - (a) Within the City of Fife:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.
 - (2) Delivery: All kilowatts of Billing Demand delivered at ~~\$6.457.99~~ per kW.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.
 - (b) Within the City of Fircrest:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.
 - (2) Delivery: All kilowatts of Billing Demand delivered at ~~\$6.457.99~~ per kW.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.
 - (c) Within the City of Lakewood:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.
 - (2) Delivery: All kilowatts of Billing Demand delivered at ~~\$6.457.99~~ per kW.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.
 - (d) Within the City of Steilacoom:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.045729 per kWh.
 - (2) Delivery: All kilowatts of Billing Demand delivered at ~~\$6.457.99~~ per kW.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,750.00 per month.
 - (e) Within the City of University Place:
 - (1) Energy: All energy measured in kilowatt-hours at \$0.049050 per kWh.
 - (2) Delivery: All kilowatts of Billing Demand delivered at ~~\$6.92-8.56~~ per kW.
 - (3) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$1,877.08 per month.

C. Billing Demand.

Determined by means of a demand meter, 30-minute interval. 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).

D. 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.

* * *

12.06.260 Contract industrial service – Schedule CP.

A. Availability.

For (1) existing customers receiving service from Tacoma Power under this rate schedule as of December 31, 2023; (2) existing Tacoma Power customers migrating from Schedule NLL, provided such customers were served under Schedule NLL for at least ten consecutive years; (3) existing Tacoma Power customers migrating from Schedule G who begin taking power from high voltage transmission level and do not use Tacoma Power's distribution system and who meet the requirements this rate schedule; (4) existing Tacoma Power customers migrating from Schedule HVG and meet the requirements for this rate schedule.

If a customer's energy consumption grows by 10 average megawatts or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

B. Minimum Requirements.

Every customer under Schedule CP must execute 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 megawatts;
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.

C. Monthly Rate.

The sum of the following power service, delivery, customer and other charges:

1. Power Service Charges:

(a) Energy: All energy measured in kilowatt-hours at \$0.034198 per kWh.

(b) Demand: All kilowatts of Billing Demand delivered at ~~\$6.227.37~~ per kW.

(c) Minimum Charge: The Demand Charge.

(d) 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:

$$\text{Contract Demand Overrun Charge} = \text{Excess MW} \times 300\% \times \text{DC}$$

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

2. Delivery: All kilowatts of Billing Demand delivered at ~~\$6.278.53~~ per kW.

3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$5,155.00 per month.

4. Additional Charges:

This rate schedule specifies power rates based on Tacoma Power's system portfolio. If the customer requires additional environmental or locational attributes in power supply, additional charges including the incremental costs and Tacoma Power's administrative costs will apply and be stated in the Power Service Agreement.

D. Billing Demand.

Determined by means of a demand meter, 30-minute interval.

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; or
- (c) 60 percent of the highest Contract Demand (as set forth in the Contract) during any of the preceding 11 months.

E. 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.

12.06.265 New large load service under 10 aMW – Schedule NLL.

A. Applicability.

For new loads or expanding existing loads greater than 8 megawatts (MW) but less than 10 average megawatts (aMW) within any consecutive 12-month period. Loads receiving service under Schedule NLL may receive service under Schedule CP (or a successor rate) after a period of ten consecutive years from the beginning of service if applicable requirements are met.

The customer's initial load or subsequent load growth cannot exceed 10 aMW over any consecutive 12-month period. If a customer's energy consumption grows by 10 aMW or more during any consecutive 12-month period, it will no longer be eligible for this rate schedule. The customer will be transitioned to Schedule Very Large Load (VLL) pursuant to subsection E of TMC 12.06.266.

B. Minimum Requirements.

For large 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 MW and not more than 10 aMW within any consecutive 12-month period;
- 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.

C. Monthly Rate.

The sum of the following power service, delivery, customer and other charges:

1. Power Service Charges:

- (a) Energy: All energy measured in kilowatt-hours at \$0.039328 per kWh.
- (b) Demand: All kilowatts of Billing Demand delivered at ~~\$7.158.48~~ per kW.
- (c) Minimum Charge: The Demand Charge.
- (d) 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:

$$\text{Contract Demand Overrun Charge} = \text{Excess MW} \times 300\% \times \text{DC}$$

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

2. Delivery: All kilowatts of Billing Demand delivered at ~~\$7.24~~9.81 per kW.

3. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$5,928.25 per month.

4. This rate schedule specifies power rates based on Tacoma Power's system portfolio. If the customer requires additional environmental or locational attributes in power supply, additional charges including the incremental costs and Tacoma Power's administrative costs will apply in the Power Service Agreement.

D. Billing Demand.

Determined by means of a demand meter, 30 minute interval.

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; or

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

E. 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.

* * *

12.06.290 Street lighting and traffic signal service – Schedule H-1.

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:

Nominal Wattage	Energy Charge Per Unit
Up to 150 Watts	\$4.24 <u>4.54</u>
151-220 Watts	\$6.23 <u>6.66</u>
221-320 Watts	\$9.05 <u>9.68</u>
321-520 Watts	\$14.71 <u>15.73</u>
521 & Over Watts	\$23.20 <u>24.80</u>

(b) High Intensity Discharge Lamps:

Energy Charge Per Unit			
Nominal Wattage	Continuous	Dusk to Dawn	Dusk to 2:20 a.m.
50 Watts	\$3.143.36	\$1.691.80	\$1.061.14
70 Watts	\$4.374.67	\$2.372.54	\$1.491.60
100 Watts	\$6.256.68	\$3.383.61	\$2.132.28
150 Watts	\$9.3910.04	\$5.065.41	\$3.193.41
175 Watts	\$10.9511.70	\$5.916.32	\$3.723.97
200 Watts	\$12.5113.38	\$6.757.22	\$4.244.54
250 Watts	\$15.6516.74	\$8.459.03	\$5.325.69
310 Watts	\$19.4020.74	\$10.4811.21	\$6.597.05
400 Watts	\$25.0226.75	\$13.5114.45	\$8.509.09
700 Watts	\$43.7846.81	\$23.6525.29	\$14.9015.93
1000 Watts	\$57.3561.31	\$30.9733.11	\$19.5120.85
1500 Watts	\$93.83100.31	\$50.6854.18	\$31.9234.13

(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 ~~\$52.1355.73~~, ~~\$28.1730.11~~, and ~~\$17.7318.96~~ 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	\$3.043.20
Heads	\$4.594.84
(2) Flashing	
Controllers	\$1.521.60
Heads	\$2.292.41

(1) Incandescent Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait
8 Inch Bulb	\$2.522.65	\$0.140.14	\$1.932.03	\$2.292.41		
12 Inch Bulb	\$6.166.50	\$0.340.36	\$4.704.95	\$5.605.90		
Pedestrian Head					\$2.292.41	\$2.292.41

(2) Light Emitting Diodes (LED) Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait

8 Inch LED	\$0.300. 31	\$0.02	\$0.200. 21	\$0.270. 29		
12 Inch LED	\$0.470. 50	\$0.02	\$0.39 41	\$0.420. 44		
Pedestrian Head					\$0.270. 29	\$0.270. 29

(3) Neon Lamps:

Unit Type	Energy Charge Per Unit	
	Walk	Wait
Pedestrian Head	\$0.230. 24	\$0.910. 96

(4) Controllers:

Unit Type	Energy Charge Per Unit
Traffic	\$3.043. 20
Flashing	\$1.521. 60

(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 ~~\$0.0599630.~~063191 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 \$0.035690 per kWh.

(b) Delivery: All energy delivered in kilowatt-hours at ~~\$0.0232640.~~037550 per kWh.

(c) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$11.40~~ 12.45 per month.

4. Exception: Within the City of University Place.

Rates stated herein are for (1) unmetered installations [items (a) and (b)] 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 (c)].

(a) Street Lighting Units (Unmetered):

(i) Incandescent Lamps:

Nominal Wattage	Energy Charge Per Unit
Up to 150 Watts	\$4.554. 87
151-220 Watts	\$6.687. 14
221-320 Watts	\$9.7110. 38
321-520 Watts	\$15.7816. 87
521 & Over Watts	\$24.8926. 60

(ii) High Intensity Discharge Lamps:

Energy Charge Per Unit			
Nominal Wattage	Continuous	Dusk to Dawn	Dusk to 2:20 a.m.
50 Watts	\$ <u>3,373.60</u>	\$ <u>1,811.94</u>	\$ <u>1,141.22</u>
70 Watts	\$ <u>4,685.01</u>	\$ <u>2,542.72</u>	\$ <u>1,601.71</u>
100 Watts	\$ <u>6,707.17</u>	\$ <u>3,623.87</u>	\$ <u>2,282.44</u>
150 Watts	\$ <u>10,0710.77</u>	\$ <u>5,435.81</u>	\$ <u>3,423.66</u>
175 Watts	\$ <u>11,7412.55</u>	\$ <u>6,346.77</u>	\$ <u>3,994.26</u>
200 Watts	\$ <u>13,4214.35</u>	\$ <u>7,247.74</u>	\$ <u>4,554.87</u>
250 Watts	\$ <u>16,7917.95</u>	\$ <u>9,069.69</u>	\$ <u>5,716.10</u>
310 Watts	\$ <u>20,8122.24</u>	\$ <u>11,2412.02</u>	\$ <u>7,077.56</u>
400 Watts	\$ <u>26,8428.69</u>	\$ <u>14,5015.50</u>	\$ <u>9,129.75</u>
700 Watts	\$ <u>46,9650.21</u>	\$ <u>25,3727.12</u>	\$ <u>15,9817.08</u>
1000 Watts	\$ <u>61,5165.76</u>	\$ <u>33,2235.51</u>	\$ <u>20,9222.37</u>
1500 Watts	\$ <u>100,64107.60</u>	\$ <u>54,3658.12</u>	\$ <u>34,2436.60</u>

(iii) At the discretion of Tacoma Power, all lamps may be charged the following equivalent rate: Energy charge for lamp installations at the rate of \$55,9159.77, \$30,2132.20, and \$19,0220.34 per month per kilowatt of total connected load for Continuous, Dusk to Dawn, and Dusk to 2:20 a.m. lamps, respectively.

(b) Traffic Control Units (Unmetered):

(i)

Unit Type	Energy Charge Per Unit
(1) Red - Amber - Green	
Controllers	\$ <u>3,263.43</u>
Heads	\$ <u>4,935.19</u>
(2) Flashing	
Controllers	\$ <u>1,631.72</u>
Heads	\$ <u>2,452.58</u>

(ii) Incandescent Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait
8 Inch Bulb	\$ <u>2,702.85</u>	\$0.15	\$ <u>2,072.18</u>	\$ <u>2,452.58</u>		
12 Inch Bulb	\$ <u>6,616.97</u>	\$ <u>0,360.38</u>	\$ <u>5,045.31</u>	\$ <u>6,006.33</u>		
Pedestrian Head					\$ <u>2,452.58</u>	\$ <u>2,452.58</u>

(iii) Light Emitting Diodes (LED) Lamps:

Unit Type	Energy Charge Per Unit					
	Red	Amber	Green	Flashing	Walk	Wait

8 Inch LED	\$0.32 0.33	\$0.02	\$0.21 0.23	\$0.29 0.3		
12 Inch LED	\$0.51 0.54	\$0.02	\$0.42 0.44	\$0.45 0.48		
Pedestrian Head					\$0.29 0.31	\$0.29 0.31

(iv) Neon Lamps:

Unit Type	Energy Charge Per Unit	
	Walk	Wait
Pedestrian Head	\$0.25 0.26	\$0.97 1.02

(v) Controllers:

Unit Type	Energy Charge Per Unit
Traffic	\$3.26 3.43
Flashing	\$1.63 1.72

(vi) 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 ~~\$0.0643~~
0.067779 per kWh per month.

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

(i) Energy: All energy measured in kilowatt-hours at \$0.038282 per kWh.

(ii) Delivery: All energy delivered in kilowatt-hours at ~~\$0.024953~~
0.040277 per kWh.

(iii) Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: ~~\$12.23~~
13.35 per month.

C. Service Conditions.

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

* * *

12.06.300 Private off-street lighting service – Schedule H-2.³

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.

³ Code Reviser's note: See 12.06.300.C.4 for an exception to the effective date of Chapter 12.06.300.

C. Monthly Rate.

1. High Pressure Sodium Lamps:

Lamp Rating (Watts/Lamp)	Type	Rental Charge
100-Watt	Sodium Vapor	\$16.01 17.68
200-Watt	Sodium Vapor	\$20.60 22.75
400-Watt	Sodium Vapor	\$41.20 45.49

2. All Other Lamps:

Lamp Rating (Watts-Equivalent/Lamp)	Rental Charge
0-200 Watt Equivalent	\$18.32 20.23
201-400 Watt Equivalent	\$41.20 45.49
401-800 Watt Equivalent	\$64.10 70.77
801-1000 Watt Equivalent	\$86.98 96.04
1001-1500 Watt Equivalent	\$109.87 121.32

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 per pole specified in the following table. Ancillary materials will be an additional expense. The customer shall pay the entire installation cost prior to installation.

Effective Date	Cost for Each Additional Pole
April 1, 2023	\$1,120.00
April 1, 2024	\$1,616.00
April 1, 2025	\$2,112.00
April 1, 2026	\$2,608.00
April 1, 2027	\$3,104.00

4. Exception: Within the City of University Place.

(a) High Pressure Sodium Lamps:

Lamp Rating (Watts/Lamp)	Type	Rental Charge
100-Watt	Sodium Vapor	\$17.17 18.96
200-Watt	Sodium Vapor	\$22.10 24.40
400-Watt	Sodium Vapor	\$44.19 48.79

(b) All Other Lamps:

Lamp Rating (Watts-Equivalent/Lamp)	Rental Charge
0-200 Watt Equivalent	\$19.65 21.69
201-400 Watt Equivalent	\$44.19 48.79
401-800 Watt Equivalent	\$68.75 75.91
801-1000 Watt Equivalent	\$93.30 103.02
1001-1500 Watt Equivalent	\$117.85 130.13

(c) 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 per pole specified in the following table. Ancillary materials will be an additional expense. The customer shall pay the entire installation cost prior to installation.

	Cost for Each Additional Pole
2023	\$1,201.33
2024	\$1,733.35
2025	\$2,265.36
2026	\$2,797.38
2027	\$3,329.40

5. Effective January 1, 2021⁴, 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 35 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.

12.06.372 Shore power – Schedule SP.

A. Applicability.

Service under this schedule is applicable to electric service connections to marine vessels with systems that can accept power from shore rather than use onboard power generation systems while in dock and are metered separately from all other commercial loads. To receive service under this schedule, a customer must execute a Power Service Agreement (Contract) with Tacoma Power which shall, at a minimum, include provisions regarding scheduling and curtailments of loads. Tacoma Power reserves the right to curtail service under this schedule due to maintenance or emergency conditions on the Tacoma Power electrical system.

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 supply, delivery, and customer charges:

1. Energy Supply and Delivery: All energy supplied and delivered in kilowatt-hours at ~~\$0.135897~~0.140246 per kWh.
2. Customer Charge: Calculated on a monthly basis, invoiced, and collected pursuant to the applicable customer service policies: \$83.25 per month.

C. Service Conditions.

1. Customer account holders receiving energy under this rate schedule shall be authorized to recover amounts billed under this schedule from third parties without being held to be in violation of Tacoma Municipal Code 12.06.120.
2. Power factor provision applicable.
3. Applicable provisions of the Tacoma Municipal Code, General Provisions, and Customer Service Policies governing the sale of electric energy shall apply.

⁴ Code Reviser’s note: A scrivener’s error related to the effective date of 12.06.300.C.4 was corrected, to reflect an effective date of January 1, 2021.