



***ELECTRONICALLY FILED WITH RCA***

August 18, 2025

Regulatory Commission of Alaska  
701 West Eighth Avenue, Suite 300  
Anchorage, Alaska 99501

***Subject: Tariff Advice Letter No. 577-8: June 2025 Test Period General Rate Case - Request for Interim and Permanent Rate Increase***

Dear Commissioners:

The tariff filing described below is transmitted to you for filing in compliance with the Alaska Public Utilities Regulatory Act (AS 42.05) and Sections 3 AAC 48.200 – 3 AAC 48.430 of the Alaska Administrative Code. With this filing, Chugach Electric Association, Inc. (Chugach) requests approval by the Regulatory Commission of Alaska (Commission) to increase base rates for Chugach Retail and to decrease base rates for wholesale customer, the City of Seward d/b/a Seward Electric System (Seward), in the manner and amounts described herein. This filing seeks to implement a new Economic Development Rate Schedule but will not result in the termination of an existing service. This filing will impact all of Chugach's approximately 90,000 retail members (approximately 113,000 retail meters) and wholesale member the City of Seward d/b/a Seward Electric System (Seward).

**I. BASIS FOR GENERAL RATE CASE**

Chugach filed its last general rate case on June 30, 2023, in compliance with Order U-18-102(44)/U-19-020(39)/U-19-021(39) (Order 39). TA544-8 and TA422-121 were suspended into consolidated Dockets U-23-047 and U-23-048 and resolved after hearing on September 25, 2024, through Order U-23-047(12)/U-23-048(12), which accepted the parties' partial stipulation and resolved the remaining disputed issues. Thereafter, Chugach immediately filed TA560-8 seeking to re-enter the simplified rate filing (SRF) process for semi-annual adjustments to base demand and energy rates, with its initial filing seeking an 8 percent demand and energy rate increase based on a September 2024 test period. The Commission issued Letter Order L2500033 on February 5, 2025, granting Chugach's request to re-enter SRF and authorizing Chugach's SRF rate adjustment to take effect February 10, 2025.

The Commission's regulations at 3 AAC 48.770(a) provide that SRF adjustments "may not exceed a cumulative 20 percent increase in any three-year period, or a cumulative eight percent in any 12-month period, excluding purchased power and fuel costs rate adjustments." Chugach is thus not eligible to request additional SRF demand and energy rate increases until February 11, 2026. In the meantime, Chugach continues to see significant increases in costs and declines in sales. These compounding negative pressures have produced a revenue deficiency of approximately \$11.2 million. Further, current trends indicate sales declines are increasing rather than subsiding. As explained in more detail in the Prefiled Direct Testimony of David J. Caye, sales have dropped 3.2% through June 2025 compared to the same period in 2024. To manage Chugach's operations

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and fulfill its mission of providing safe, reliable, and affordable electric service to its members, Chugach must ensure its revenue is sufficient to cover expenses and meet operational needs.

## **II. REQUESTED RATE CHANGES**

### **a. Revenue Deficiency**

To determine Chugach's overall cost of providing electric utility service, Chugach prepared a revenue requirement study in accordance with 3 AAC 48.275(a). The revenue requirement study is enclosed as exhibits to the Prefiled Direct Testimony of David J. Caye.

Chugach's current authorized ratemaking times interest earned ratio (TIER) is 1.55x for its electric system and 2.20x for its Beluga River Unit natural gas operations.<sup>1</sup> Chugach is not seeking to modify its authorized TIER levels for either its electric system or BRU operations at this time. The revenue requirement study, which is based on a normalized and adjusted test period ending June 30, 2025, indicates the need for a system base rate increase of approximately \$11.2 million. As shown in Exhibit DJC-02 to David Caye's testimony, Chugach's revenue requirement based on its normalized test-year expenses is \$275.9 million while its test-year proforma revenues from base rates are only \$264.6 million.

### **b. Permanent Rates**

For permanent rates, Chugach's normalized test-year revenue requirement is input into its embedded cost of service study (COS), which unbundles costs between the functions of the utility (i.e., production, transmission, subtransmission, distribution, and customer), categorizes costs by the main cost driver (i.e., energy, demand, and customer), and then allocates costs to the respective customer classes based on cost causation characteristics. Rates are then set to recover the classified and allocated costs from each class through either customer, energy, and demand charges, depending on the customer class. Chugach's COS is enclosed as exhibits to the Prefiled Direct Testimony of Nicholas G. Szymoniak.

As explained therein, Chugach's COS filed in this case utilizes the same model and allocation methods approved by the Commission in Chugach's last general rate case. For this proceeding, Mr. Szymoniak updated the model with current test year data and verified the results. Importantly, the work required in this case did not involve developing new allocation methods or exercising subjective judgment about allocation principles. Rather, it was a technical exercise in applying an existing and very recently Commission-approved model to updated data.

Chugach is, however, proposing two non-substantive modifications to the final rate design: (1) updating and rounding customer charges to the nearest 50 cents, and (2) maintaining the current allocation between demand and energy charges for the Large General Service classes by applying the same percentage change to both components. As explained in Mr. Szymoniak's prefiled testimony, the customer charge rounding adjustment is intended solely to simplify customer bills and reduce administrative complexity, with no impact on the total amounts to be recovered. The Large General Service rate design preserves the existing ratio between the energy and demand portions of the bill, thereby minimizing changes to Chugach's overall rate structure. Without

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<sup>1</sup> See Order 39 at 23-34, 87.

proportionately adjusting both charges, Large General Service customers would have experienced a decrease in energy charges and a corresponding increase in demand charges, which could create billing distortions and undermine rate stability.

Based on the COS results, Chugach is requesting that the Commission authorize a permanent increase of 3.1% on total rates for Chugach retail customers and a decrease of 1.6% on total rates for Chugach wholesale customer Seward. The specific percent change to each rate component (customer, demand, energy) varies by retail customer class based on the COS and proposed rate design. Those results are presented in Exhibit NGS-22 to Mr. Szymoniak’s prefiled direct testimony. The retail rate impacts by customer class are presented in Exhibit NGS-19 and are summarized below in Table 1.

**Table 1: Summary of Proposed Retail Rate Changes by Customer Class**

<b>Description</b>	<b>Residential</b>	<b>Small</b>	<b>Large General Service</b>			
		<b>General</b>	<b>Primary</b>	<b>Secondary</b>	<b>Military</b>	<b>Lighting</b>
% Change to Total Bill	3.84%	4.00%	2.95%	1.44%	0.40%	(8.61%)
% Change to Base Rates	5.07%	5.42%	4.36%	2.15%	0.65%	(9.92%)

Chugach requests approval of its proposed permanent rates effective October 2, 2025, following expiration of the 45-day statutory notice period.<sup>2</sup>

### **c. Interim Rates**

If the Commission suspends Chugach’s permanent rate increase request into a docket for further investigation, Chugach requests the Commission approve across-the-board interim and refundable rate changes to demand and energy rates effective October 2, 2025. More specifically, Chugach proposes an interim increase of 4.66% to the Chugach retail class and a decrease of 3.56% to the wholesale customer class of Seward. Applying separate across-the-board interim rate changes to Chugach retail and Seward is appropriate given the different levels of service provided by each class of service. Specifically, the wholesale rates charged to Seward do not include distribution costs, and excludes a portion of generation demand-related costs in recognition of Seward’s ownership of generation. This approach is consistent with the approach used and approved in recent Chugach rate cases.<sup>3</sup>

The Commission evaluates requests for interim rate relief against the legal standard established in *Alaska Public Utilities Commission v. Greater Anchorage Area Borough (GAAB)*, 534 P.2d 549 (Alaska 1975). The “GAAB standard” provides for interim and refundable rate relief when a utility demonstrates that:

1. Its existing rates are confiscatory;

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<sup>2</sup> See AS 42.05.411(a).

<sup>3</sup> See e.g., Order U-15-081(1) and Order U-23-047/048(1).

2. Those confiscatory rates will remain in effect for an unreasonably long period of time;
3. The utility will suffer irreparable harm in the event that interim relief is not granted;
4. If interim relief is granted, the rate payer can be adequately protected; and
5. The utility has raised “serious” and “substantial” questions going to the merits of the case (i.e., not frivolous and without merit).

The circumstances described in Chugach’s revenue requirement study attached to Mr. Caye’s prefiled direct testimony demonstrate that Chugach is entitled to the requested interim rate relief under the *GAAB* standard. Each element is further addressed below:

1. The revenue requirement study shows that Chugach’s current rates result in a substantial revenue deficiency of \$11.2 million. Chugach’s current rates are thus so low as to be considered confiscatory and an immediate rate increase is warranted.
2. Assuming suspension, a decision on permanent rates cannot be expected for at least 450 days (*see* AS 42.05.175(c)). The confiscatory rates will thus remain in effect for an unreasonably long period of time.
3. Chugach will suffer irreparable harm without immediate rate relief. Retroactive ratemaking is generally impermissible under Alaska state law.<sup>4</sup> Chugach will thus forever forego any revenues not recovered through an interim rate increase during the period prior to approval of permanent rates.
4. Chugach customers are adequately protected through the refundable nature of interim rates. Chugach can and will account for all interim revenues received. Chugach will issue refunds at the close of this proceeding if the overall average percent permanent rate increase is less than the overall average percent interim increase.
5. Chugach has raised serious and substantial issues going to the merits of its requested rate increase demonstrating that its request is not frivolous or obviously without merit. Chugach’s request is supported by this filing, which includes all of the information required under 3 AAC 48.275(a) for a rate adjustment, as well as the enclosed exhibits and prefiled direct testimony. Chugach’s request is thus supported and verifiable.

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<sup>4</sup> *Matanuska Elec. Ass'n, Inc. v. Chugach Elec. Ass'n, Inc.*, 53 P.3d 578, 583 (Alaska 2002).



**d. Transmission and Other Rates**

Chugach also proposes permanent rate increases for its transmission and ancillary services (T) rates as well as its Anchorage Water and Wastewater Utility (AWWU) replacement energy services rate. Chugach’s proposed increases for these services are as follows:

<b>Schedule</b>	<b>Proposed Change</b>
T-1	10%
T-2	18%
T-3	81%
T-4	-
T-5	57%
T-6	(46%)
T-7	18%
T-8	18%
AWWU Replacement Energy	(9%)

As discussed in Mr. Peterson’s prefiled direct testimony, Chugach’s proposed updates to its T-rates reflect changes in cost allocation, resource utilization, and service demand since the last comprehensive update in 2014, which served as the foundational cost basis for the T-rates approved in the 2023 rate case. In accordance with the Commission’s directive in that case, the proposed rates exclude legacy Municipal Light & Power (ML&P) assets and expenses, with costs prorated to the legacy Chugach system. While Chugach continues to strongly disagree with the exclusion of the ML&P assets - believing that cost causation should be based on current use rather than prior ownership - the Company has applied the Commission’s ordered methodology for purposes of this filing.

Notable cost shifts have occurred due to changes in the generating units providing ancillary services - such as Chugach’s Beluga units no longer supplying regulation or spinning reserves, supplemental reserves now being met primarily by Beluga and former ML&P units, and the addition of the Battery Energy Storage System (BESS) providing spinning reserves. These changes have altered the cost profiles of individual services, leading to significant reallocations - such as an increase of over 81% for regulation service (T-3) and a decrease of nearly 50% for supplemental reserves (T-6)—while the overall transmission and ancillary rates have increased by approximately 11%. Notably, Chugach currently has no customers purchasing T-3, T-5, or T-6 services. For the transmission services Chugach is selling, including scheduling (T-1), reactive supply (T-2), and

non-firm transmission (T-8), rates have increased about 18%, driven by higher non-ML&P costs and a substantial decline in wheeling sales.

Unlike its base rates, Chugach's transmission, ancillary services, and replacement energy rates are calculated outside of Chugach's COS and the revenue from those services is credited to Chugach's customers as an offset to fuel and purchased power costs recovered from firm retail and wholesale customers. Chugach thus does not propose interim rate increases to these rates.

### **III. CUSTOMER IMPACTS**

The impacts of the proposed permanent rates and interim and refundable rates on typical monthly bills for various customer classes and usage levels are shown on Exhibits NGS-24 – NGS-26 (permanent rates) and Exhibits DJC-26 – DJC-28 (interim rates). The proposed rate changes in absolute dollars and percentage changes, as required under 3 AAC 48.75(a)(4), are shown on Exhibit NGS-22 (permanent rates) and Exhibit DJC-24 (interim rates).

### **IV. REFUND PLAN**

Chugach proposes that refunds, if any, be handled in the same way in this case as in Chugach's last general rate case. Chugach proposes that any refund be made through offsets against future billings. Consistent with Order U-23-047(14)/U-23-048(14) approving Chugach's retail refund plan for the 2022 test year, Chugach proposes that retail refunds be based on actual billing determinants during the period interim rates were in effect. The difference between the actual total amount billed for these determinants and the recalculated bills for the period would be the refund amount due to the customer. In addition, each customer would be credited with a pro rata share of the interest earnings from any escrow account in which the incremental revenues associated with the interim rates were held or in accordance with any alternative method of determining a reasonable interest rate approved by the Commission for this purpose. Chugach will also refund taxes withheld as a result of the interim rates. The refund amount would first be credited to any outstanding liabilities the customer has with Chugach. For active account members, the refunds would be issued as a credit on each customer bill. For inactive accounts, Chugach would mail checks for the refund provided the refund amount is greater than or equal to \$5.00. Refund amounts less than \$5.00 would escheat to the State of Alaska, along with any returned check balances.

### **V. ECONOMIC DEVELOPMENT RATE**

Chugach proposes implementing a new Economic Development Rate (EDR) to encourage commercial customers to locate or expand operations within Chugach's service territory, thereby promoting regional economic growth. The rate will be available for new or incremental manufacturing loads with a maximum demand between 1,000 and 5,000 kW within two years of service commencement.

Eligible customers must demonstrate that the availability of the EDR is a key factor in their decision to locate or expand in Chugach's territory and must provide a sworn statement to that effect. Each participant will enter into a separate service contract, effective for up to ten years, provided no additional system capacity is required. Customers must also document the creation of

at least 40 new positions within the first two years of operation. Chugach will track and report aggregate, non-confidential employment data over the life of the program.

Under the EDR, all charges will be the same as the applicable Large General Service rate, except for a declining discount on the demand charge. The discount begins at 20% in the first contract year and declines in equal increments annually until the final year, when the discount is 2%. The EDR incorporates most terms and conditions from Chugach's former economic viability rate, with a reduced employment requirement to reflect modern manufacturing's higher capital intensity and lower labor needs. The EDR is not available to customers receiving service under other special contracts, and purchases under this tariff may not be resold.

Unlike Chugach's base rates, the EDR is established outside of the COS. As such, it allows Chugach to offer competitive rates to new loads that might not otherwise materialize, enabling incremental revenues that would not exist under current rates. Importantly, because the EDR is targeted at new load to be served using existing capacity, it avoids shifting costs to existing customers. This initiative aligns with Chugach's broader mission to support the communities it serves and to efficiently utilize existing system capacity without imposing additional costs on current customers.

The specific eligibility criteria, application process, and rate level is detailed in the Prefiled Direct Testimony of Carl R. Peterson. Chugach will monitor participation under the EDR and periodically evaluate the effectiveness of the rate in achieving its intended goals.

## **VI. TARIFF SHEETS**

### **a. Permanent Tariff Sheets**

<u>TARIFF SHEET NUMBER</u>		<u>CANCELS SHEET NUMBER</u>		<u>SCHEDULE OR</u>
<u>ORIGINAL</u>	<u>REVISED</u>	<u>ORIGINAL</u>	<u>REVISED</u>	<u>RULE NUMBER</u>
78	61st Revision	78	60th Revision	Area Lighting
80	61st Revision	80	60th Revision	Street Lighting
84	59th Revision	84	58th Revision	Residential Service
84.2	3rd Revision	84.2	2nd Revision	Residential TOU
86	60th Revision	86	59th Revision	Small General Service
86.2	3rd Revision	86.2	2nd Revision	Small General TOU
87	61st Revision	87	60th Revision	LGS - Secondary
87.1	37th Revision	87.1	36th Revision	LGS - Primary
87.1.1	6th Revision	87.1.1	5th Revision	LGS - Secondary EV
87.1.2	6th Revision	87.1.2	5th Revision	LGS - Primary EV
88	8th Revision	88	7th Revision	Net Requirements Services
89.1	41st Revision	89.1	40th Revision	LGS - Combined Metering

89.2	38th Revision	89.2	37th Revision	Shore Power Service
89.4	36th Revision	89.4	35th Revision	Standby/Buyback
89.4.1	36th Revision	89.4.1	35th Revision	Standby/Buyback
89.5	6th Revision	89.5	5th Revision	Partial Requirements at Primary Voltage
89.6	1st Revision	89.6	Original	AWWU
89.7	Original	89.7	--	Economic Development
99	70th Revision	99	69th Revision	Sales for Resale
160	5th Revision	160	4th Revision	Trans and Ancillary
161	5th Revision	161	4th Revision	Trans and Ancillary
162	5th Revision	162	4th Revision	Trans and Ancillary
165	5th Revision	165	4th Revision	Trans and Ancillary
166	5th Revision	166	4th Revision	Trans and Ancillary
167	5th Revision	167	4th Revision	Trans and Ancillary
168	5th Revision	168	4th Revision	Trans and Ancillary

**b. Explanation of Tariff Sheets – Permanent Rates**

***Tariff Sheet Nos. 78 and 80:*** These tariff sheets indicate a reduction in rates for outdoor area lighting service and street lights.

***Tariff Sheet Nos. 84 and 84.2:*** These tariff sheets indicate an increase in customer and energy rates for residential service.

***Tariff Sheet Nos. 86 and 86.2:*** These tariff sheets indicate a decrease in customer rates and an increase in energy rates for small general service.

***Tariff Sheet Nos. 87, 87.1, 87.1.1, 87.1.2, 88, and 89.1:*** These tariff sheets indicate a decrease in customer rates and an increase in energy and demand rates for large general service.

***Tariff Sheet No. 89.2:*** This tariff sheet indicates a decrease in customer rates and an increase in energy rates for shore power service.

***Tariff Sheet No. 89.4 and 89.4.1:*** This tariff sheet indicates changes in rates for standby and buyback service for residential, small general, and large general service customers consistent with the permanent rate changes for each customer class.

***Tariff Sheet No. 89.5:*** This tariff sheet indicates an increase in energy and demand rates for partial requirement service at primary voltage (military).

***Tariff Sheet No. 89.6:*** This tariff sheet sets forth a decrease in energy rates for replacement energy service (Anchorage Water and Wastewater Utility).

***Tariff Sheet No. 89.7:*** This tariff sheet sets forth the initial economic development rates.

***Tariff Sheet No. 99:*** This tariff sheet indicates a decrease in energy and demand rates for Seward Electric System for sales for resale.

***Tariff Sheet Nos. 160, 161, 162, 165, 166, 167, and 168:*** This tariff sheets set forth the rates for ancillary and transmission service.

**c. Interim Tariff Sheets**

<u>TARIFF SHEET NUMBER</u>		<u>CANCELS SHEET NUMBER</u>		<u>SCHEDULE OR</u>
<u>ORIGINAL</u>	<u>REVISED</u>	<u>ORIGINAL</u>	<u>REVISED</u>	<u>RULE NUMBER</u>
78	60th Revision	78	59th Revision	Outdoor Area
80	60th Revision	80	59th Revision	Street Lights
84	58th Revision	84	57th Revision	Residential Service
84.2	2nd Revision	84.2	1st Revision	Residential TOU
86	59th Revision	86	58th Revision	Small General Service
86.2	2nd Revision	86.2	1st Revision	Small General TOU
87	60th Revision	87	59th Revision	LGS - Secondary
87.1	36th Revision	87.1	35th Revision	LGS - Primary
87.1.1	5th Revision	87.1.1	4th Revision	LGS - Secondary EV
87.1.2	5th Revision	87.1.2	4th Revision	LGS - Primary EV
88	7th Revision	88	6th Revision	Net Requirements Service
89.1	40th Revision	89.1	39th Revision	LGS - Combined Metering
89.2	37th Revision	89.2	36th Revision	Shore Power Service
89.4	35th Revision	89.4	34th Revision	Standby/Buyback
89.4.1	35th Revision	89.4.1	34th Revision	Standby/Buyback
89.5	5th Revision	89.5	4th Revision	Partial Requirements at Primary Voltage
99	69th Revision	99	68th Revision	Sales for Resale

**d. Explanation of Tariff Sheets – Interim Rates**

***Tariff Sheet Nos. 78 and 80:*** These tariff sheets indicate an increase in rates for outdoor area lighting service and street lights.

***Tariff Sheet Nos. 84 and 84.2:*** These tariff sheets indicate an increase in energy rates for residential service.

***Tariff Sheet Nos. 86 and 86.2:*** These tariff sheets indicate an increase in energy rates for small general service.

***Tariff Sheet Nos. 87, 87.1, 87.1.1, 87.1.2, 88, and 89.1:*** These tariff sheets indicate an increase in energy and demand rates for large general service.

***Tariff Sheet No. 89.2:*** This tariff sheet indicates an increase in energy rates for shore power service.

***Tariff Sheet No. 89.4 and 89.4.1:*** This tariff sheet indicates increases in energy and demand rates for standby and buyback service for residential, small general, and large general service customers consistent with the permanent rate changes for each customer class.

***Tariff Sheet No. 89.5:*** This tariff sheet indicates an increase in energy and demand rates for partial requirement service at primary voltage (military).

***Tariff Sheet No. 99:*** This tariff sheet indicates a decrease in energy and demand rates for Seward Electric System for sales for resale.

## **VII. INDEX OF SUPPORTING DOCUMENTS**

1. Chugach Board Resolution Authorizing Rate Case Filing (**Attachment A**)
2. Permanent Rate Tariff Sheets (**Attachment B**)
3. Interim Rate Tariff Sheets (**Attachment C**)
4. Prefiled Direct Testimony of Arthur W. Miller
  - a. Exhibit AWM-01 (Resume)
5. Prefiled Direct Testimony of Paul C. Millwood
  - a. Exhibit PCM-01 (Resume)
  - b. Exhibit PCM-02 (Comparative statement of assets, liabilities and other credits)
  - c. Exhibit PCM-03 (Comparative statement of income and operating expenses)
  - d. Exhibit PCM-03a (Computation of split test year)
  - e. Exhibit PCM-04 (Comparative statement of changes in equity)
  - f. Exhibit PCM-05 (Computation of income taxes)
  - g. Exhibit PCM-06a (Computation of rate base – 13-month average)
  - h. Exhibit PCM-06b (Computation of rate base – monthly)
  - i. Exhibit PCM-07 (Utility plant in service)

- j. Exhibit PCM-08 (FERC financial statements)
- k. Exhibit PCM-09 (Chugach's audited financial statements)

6. Prefiled Direct Testimony of David J. Caye

- a. Exhibit DJC-01 (Resume)
- b. Exhibit DJC-02 (Computation of revenue requirement)
- c. Exhibit DJC-03 (Test year operating revenues and expenses)
- d. Exhibit DJC-04 (Summary of normalizations)
- e. Exhibit DJC-05 (Normalization of revenue)
- f. Exhibit DJC-06 (Removal of fuel and purchased power expense)
- g. Exhibit DJC-07 (Normalization of test year interest on long-term debt)
- h. Exhibit DJC-08 (Normalization of test year interest expense – other)
- i. Exhibit DJC-09 (Removal of miscellaneous non-recoverable expenses)
- j. Exhibit DJC-10 (Removal of microwave business activity expense)
- k. Exhibit DJC-11 (Normalization of non-operating and other capital credits)
- l. Exhibit DJC-12 (Normalization of other deductions)
- m. Exhibit DJC-13 (Reclassification of Beluga camp rental revenue)
- n. Exhibit DJC-14 (Removal of BRU ownership costs)
- o. Exhibit DJC-15 (Reclassification of Fire Island Wind expense)
- p. Exhibit DJC-16 (Normalization of depreciation expense)
- q. Exhibit DJC-17 (Refunctionalization of generation step-up expenses)
- r. Exhibit DJC-18 (Normalization for Beluga camp remote operations)
- s. Exhibit DJC-19 (Normalization of wage rates)
- t. Exhibit DJC-20 (Proforma cash working capital)
- u. Exhibit DJC-21 (Computation of weighted cost of capital)
- v. Exhibit DJC-22 (Schedule of long-term liabilities)
- w. Exhibit DJC-23 (Proforma revenue calculation)
- x. Exhibit DJC-24 (Interim rate changes in dollars and percentages)
- y. Exhibit DJC-25 (Interim rate proforma revenue validation)
- z. Exhibit DJC-26 (Interim rate bill impacts – Retail South District)
- aa. Exhibit DJC-27 (Interim rate bill impacts – Retail North District)
- bb. Exhibit DJC-28 (Interim rate bill impacts – Wholesale)

7. Prefiled Direct Testimony of Nicholas G. Szymoniak

- a. Exhibit NGS-01 (Resume)
- b. Exhibit NGS-02 (Cost Allocation Manual)
- c. Exhibit NGS-03 (Functional allocation factors)
- d. Exhibit NGS-04 (Functionalization – account details)
- e. Exhibit NGS-05 (Functionalization – account summary)
- f. Exhibit NGS-06 (Functionalization of margins)
- g. Exhibit NGS-07 (Classification factors)
- h. Exhibit NGS-08 (Classification for production)
- i. Exhibit NGS-09 (Classification for transmission)
- j. Exhibit NGS-10 (Classification for subtransmission)

- k. Exhibit NGS-11 (Classification for distribution)
- l. Exhibit NGS-12 (Classification for customer)
- m. Exhibit NGS-13 (System allocators)
- n. Exhibit NGS-14 (Allocation of system costs)
- o. Exhibit NGS-15 (Summary of system costs)
- p. Exhibit NGS-16 (System unit costs)
- q. Exhibit NGS-17 (Retail allocators)
- r. Exhibit NGS-18 (Allocation of retail costs)
- s. Exhibit NGS-19 (Summary of retail costs)
- t. Exhibit NGS-20 (Retail unit costs)
- u. Exhibit NGS-21 (A&E Allocation of retail costs)
- v. Exhibit NGS-22 (Proposed permanent rates)
- w. Exhibit NGS-23 (Revenue validation)
- x. Exhibit NGS-24 (Bill impact - South)
- y. Exhibit NGS-25 (Bill impact - North)
- z. Exhibit NGS-26 (Bill impact - Seward)

8. Prefiled Direct Testimony of Carl R. Peterson, Ph.D

- a. Exhibit CRP-01 (Resume)
- b. Exhibit CRP-02 (AWWU Replacement energy rate)
- c. Exhibit CRP-03
  - i. Schedule 1.0 (Summary of charges for transmission and ancillary services)
  - ii. Schedule 1.1 (Transmission rate summary)
  - iii. Schedule 1.2 (T-1 scheduling, system control and dispatch)
  - iv. Schedule 1.3.1 (T-2 reactive supply and voltage control, part 1)
  - v. Schedule 1.3.2 (T-2 reactive supply and voltage control, part 2)
  - vi. Schedule 1.4 (T-3 regulation and frequency response)
  - vii. Schedule 1.5 (T-4 energy imbalance)
  - viii. Schedule 1.6 (T-5 spinning reserve)
  - ix. Schedule 1.7 (T-6 supplemental reserve)

**VIII. COMPLIANCE WITH 3 AAC 48.270(A)**

For ease of reference, Chugach provides the following information:

1. *3 AAC 48.270(a) – Name and return address of the filing utility:*

Chugach Electric Association, Inc.  
P.O. Box 196300  
Anchorage, Alaska 99519-6300



2. *3 AAC 48.270(a) – Name, return address, and electronic mail address of the utility’s representative authorized to issue tariffs:*

Arthur W. Miller  
Chief Executive Officer  
P.O. Box 196300  
Anchorage, Alaska 99519-6300  
E-mail: arthur\_miller@chugachelectric.com

3. *3 AAC 48.270(a)(1) – List the tariff advice letter number:*

TA577-8.

4. *3 AAC 48.270(a)(2) – Specify the statutes, regulations or commission order that the filing is made under:*

See page 1.

5. *3 AAC 48.270(a)(3) – List the tariff sheets, special contracts, agreements, or other documents required by commission order that are being filed:*

See Section VI.

6. *3 AAC 48.270(a)(4) – Summarize the proposed tariff revisions, including an explanation about whether the filing proposes to implement rules, rates, or both:*

As discussed throughout, this filing proposes to implement new rates and new rules.

7. *3 AAC 48.270(a)(5) – Include a statement setting out whether the filing will impact any current customers and the estimated number of customers or shippers that will be affected:*

See page 1.

8. *3 AAC 48.270(a)(6) – If applicable, include a request for the tariff filing to take effect before the end of the statutory notice period:*

Chugach does not request that approval of its proposed tariff revisions take effect before the expiration of the statutory notice period.

9. *3 AAC 48.270(a)(7) – If applicable, include a request for interim approval:*

See Section II.c.

## **IX. CONCLUSION**

Chugach respectfully requests that the proposed permanent rate increase be approved for rates effective October 2, 2025. Alternatively, if Chugach’s permanent rate request is suspended for investigation, Chugach requests that the proposed interim and refundable rate increase be

approved for rates effective October 2, 2025. Should you have any questions or require additional information, please contact Matthew Clarkson, Chief Legal Officer, at [matthew\\_clarkson@chugachelectric.com](mailto:matthew_clarkson@chugachelectric.com) or 907-762-4516.

Sincerely,

CHUGACH ELECTRIC ASSOCIATION, INC.



Arthur W. Miller  
Chief Executive Officer  
P.O. Box 196300  
Anchorage, Alaska 99519-6300  
Telephone: (907) 762-4758  
[Arthur\\_Miller@chugachelectric.com](mailto:Arthur_Miller@chugachelectric.com)

Enclosures

cc: Kat Sorensen, City of Seward (electronically)  
Brian Hickey, City of Seward (electronically)  
Travis Million, Golden Valley Electric Association, Inc. (electronically)  
Brad Janorschke, Homer Electric Association, Inc. (electronically)  
Tony Izzo, Matanuska Electric Association, Inc. (electronically)

# **ATTACHMENT A**

## **Board Resolution**

## RESOLUTION

### June 30, 2025 Test Period General Rate Case Filing

WHEREAS, Chugach Electric Association, Inc. (Chugach) has prepared a general rate case for filing with the Regulatory Commission of Alaska (Commission) in accordance with 3 AAC 48.275(a) based on a June 30, 2025, test period (2025 GRC);

WHEREAS, Chugach's 2025 GRC indicates the need for a system base rate revenue requirement increase of approximately \$11.1 million;

WHEREAS, Chugach's 2025 GRC filing seeks authorization for a system average permanent rate increase of approximately 3 percent on a total bill basis (4.3 percent to total base rates) for Chugach retail customers and a decrease of approximately 1.1 percent (2.3 percent to total base rates) for Chugach wholesale customer, the City of Seward d/b/a Seward Electric System (Seward). The specific change for each retail customer class varies based on the cost of service and proposed rate design;

WHEREAS, if the Commission suspends Chugach's 2025 GRC into a docket for investigation, Chugach's 2025 GRC filing also requests approval of an across-the-board interim and refundable increase for Chugach retail customers of 3 percent on a total bill basis (4.6 percent to demand and energy rates) and a decrease of 1.1 percent on a total bill basis (2.3 percent on total base rates) for Chugach wholesale customer, Seward;

WHEREAS, Chugach's 2025 GRC filing requests an October 1, 2025, effective date for permanent or interim rates; and,

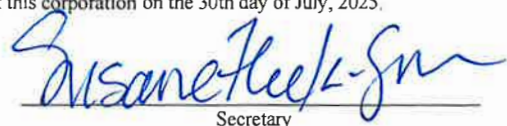
WHEREAS, Chugach's 2025 GRC also seeks modifications to its transmission and ancillary services rates and seeks to add a new Economic Development Rate schedule.

NOW THEREFORE BE IT RESOLVED, the Board of Directors authorizes the Chief Executive Officer to file Chugach's 2025 GRC with the Commission for modifications on terms, conditions, and rates substantially similar to those discussed herein.

## CERTIFICATION

I, Susanne Fleek-Green, do hereby certify that I am the Secretary of Chugach Electric Association, Inc., an electric not for profit cooperative membership corporation organized and existing under the laws of the State of Alaska: that the foregoing is a complete and correct copy of a resolution adopted at a meeting of the Board of Directors of this corporation, duly and properly called and held on the 30th day of July, 2025; that a quorum was present at the meeting; that the resolution is set forth in the minutes of the meeting and has not been rescinded or modified.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of this corporation on the 30th day of July, 2025.



Secretary

**ATTACHMENT B**  
**Permanent Rate**  
**Tariff Sheets**

RCA NO.: 861<sup>st</sup> RevisionSheet No. 78Canceling  
60<sup>th</sup> RevisionSheet No. 78

Chugach Electric Association, Inc.

**OUTDOOR AREA LIGHTING SERVICE**

Available for photoelectric controlled "dusk-to-dawn" residential and commercial outdoor area lighting on Chugach poles where service can be supplied from secondary overhead distribution facilities and where Chugach installs, owns, maintains, and operates the complete lighting installation. This schedule is not applicable for lighting of public streets, highways or other public right-of-ways.

**Monthly Rates:**

<u>Rate Schedule</u>	<u>Operating Wattage</u>	<u>Per Fixture Charge</u>
41	≤150	\$20.99
42	151 - 175	\$30.92
43	176 - 250	\$31.66
44	251 - 400	\$36.09
45	401 - 1000	\$72.91

R  
|  
R**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

Chugach Electric Association, Inc.

STREET LIGHTS

Available for photoelectric controlled "dusk-to-dawn" public street lighting for illumination of roads, streets and other public right-of-ways on Chugach poles where service can be supplied from secondary overhead distribution facilities and Chugach installs, owns, maintains, and operates the complete lighting installation.

Monthly Rates:

Rate Schedule	Operating Wattage	Per Fixture Charge	
60	≤150	\$20.99	R
61	151 - 175	\$30.92	
62	176 - 250	\$31.66	
63	251 - 400	\$36.09	
64	401 - 1000	\$72.91	R

Cost of Power Adjustment

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 8

59<sup>th</sup> Revision

Sheet No. 84



Canceling

58<sup>th</sup> Revision

Sheet No. 84

Chugach Electric Association, Inc.

## RESIDENTIAL SERVICE

Available for customary and ordinary residential use and incidental domestic power. Nominal voltage is 120 volts and 120/240 volts, single-phase.

### Monthly Rates

Customer Charge: \$14.50 per Month I

Energy Charge: \$0.16028 per kWh I

### Conditions:

1. Above service provided subject to Chugach rules and regulations.
2. These schedules are restricted to service used exclusively for general domestic and household purposes, as distinguished from commercial, industrial and other uses.
3. These schedules apply only to single family dwellings and other separately metered dwelling units.
4. These schedules will be applied to each meter at point of delivery and in no event will meter readings be combined.

### Cost of Power Adjustment

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300



RCA NO.: 8 3<sup>rd</sup> Revision Sheet No. 84.2



2<sup>nd</sup> Revision Sheet No. 84.2

Chugach Electric Association, Inc.

## RESIDENTIAL TIME OF USE PILOT PROGRAM (Continued)

### Purpose

The purpose of the Residential Time of Use Pilot Program is to determine if a time of use rate option (a) encourages changes in electricity usage, including a shift in the pattern of electricity usage from periods of higher prices to periods of lower prices, (b) encourages less electricity use during the periods when the distribution and transmission systems have the highest demands, (c) encourages electric vehicle owners to charge their electric vehicles in periods when prices are lower, and (d) increases customers' satisfaction with their electric service.

### Pilot Program Reporting

At a time no later than 30 months after the effective date of this tariff, Chugach will submit a report to the RCA detailing the initial results of the Residential Time of Use Pilot Program, provided sufficient data is available.

The report will analyze:

1. The effectiveness of the marketing of the program to customers.
2. Whether customers saved money relative to the standard tariff otherwise applicable during the study period.
3. Whether and to what extent customers shifted, reduced, or otherwise changed expected usage patterns based upon analysis of the AMI data and interaction with customers through questionnaires or other appropriate processes.
4. Whether customers with electric vehicles charged during the off-peak period.
5. The program costs, including direct and indirect costs.
6. The pattern of customer enrollment in the Residential Time of Use Pilot Program, including the number of different participants, the growth of participants over time, and, to the extent verifiable, the reason for unenrollment.

The report will also provide a recommendation for the continuation, abandonment, or modification of the Residential Time of Use Pilot Program, including making the Residential Time of Use Pilot Program a permanent tariff offering.

Chugach may use questionnaires to learn about customers usage patterns, types of appliances, vehicles, and use of smart energy technologies behind the meter and their satisfaction with their electric service and the Residential Time of Use Pilot Program. Chugach may use incentives to induce customers to return questionnaires, although such incentives should not exceed \$50 per completed questionnaire. Chugach may also, at its discretion, provide, or incentivize a subset of enrolled customers to install enabling technologies, such as smart thermostats. Payments for enabling technologies are limited to \$500 per enrolled customer up to 100 customers. All customer-specific data obtained by Chugach through the Residential Time of Use Pilot Program shall be held confidentially, to the extent allowed by law and regulation, and any public reporting should not reveal customer names or locations, unless ordered to provide such data by an appropriate authority.

### Monthly Rates

Customer Charge:	\$14.50 per month	I
Energy Charges:		
9 a.m. to 9 p.m. Alaska Prevailing Time	\$0.19611 per kWh	R
All other hours	\$0.11838 per kWh	I

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8

60<sup>th</sup> Revision

Sheet No. 86



Canceling

59<sup>th</sup> Revision

Sheet No. 86

Chugach Electric Association, Inc.

**SMALL GENERAL SERVICE  
(Not Exceeding 20 kW)**

Available for general commercial use. Nominal voltage shall be 120/240 or any other user voltage available.

**Monthly Rates**

Customer Charge: \$19.00 per Month R

Energy Charge: \$0.15393 per kWh I

**Conditions:**

1. Above service provided subject to Chugach rules and regulations.
2. This schedule applies to general lighting, incidental power and other services, including services provided to utility and corridor areas in apartment and condominium complexes and small cell attachments installed. It is not applicable to separately metered residential dwelling units or resale service.
3. This schedule will be applied to each meter at point of delivery, as appropriate, and in no event will meter readings be combined.
4. Chugach shall provide a demand meter for a member when their monthly maximum demand is estimated to be in excess of 20kW. All members with maximum 15-minute integrated demands in excess of 20 kW will be billed under the Large General Service rate schedule.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 3<sup>rd</sup> Revision Sheet No. 86.2



Canceling  
2<sup>nd</sup> Revision Sheet No. 86.2

Chugach Electric Association, Inc.

## SMALL GENERAL SERVICE TIME OF USE PILOT PROGRAM (Continued)

### Pilot Program Reporting

At a time no later than 30 months after the effective date of this tariff, Chugach will submit a report to the RCA detailing the initial results of the Small General Service Time of Use Pilot Program, provided sufficient data is available.

The report will analyze:

1. The effectiveness of the marketing of the program to customers.
2. Whether customers saved money relative to the standard tariff otherwise applicable during the study period.
3. Whether and to what extent customers shifted, reduced, or otherwise changed expected usage patterns based upon analysis of the AMI data and interaction with customers through questionnaires or other appropriate processes.
4. Whether customers with electric vehicles charged during the off-peak period.
5. The program costs, including direct and indirect costs.
6. The pattern of customer enrollment in the Small General Service Time of Use Pilot Program including the number of different participants, the growth of participants over time, and, to the extent verifiable, the reason for unenrollment.

The report will also provide a recommendation for the continuation, abandonment, or modification of the Small General Service Time of Use Pilot Program, including making the Small General Service Time of Use Pilot Program a permanent tariff offering.

Chugach may use questionnaires to learn about customers usage patterns, types of appliances, vehicles, and use of smart energy technologies behind the meter and their satisfaction with their electric service and the Small General Service Time of Use Pilot Program. Chugach may use incentives to induce customers to return questionnaires, although such incentives should not exceed \$50 per completed questionnaire. Chugach may also, at its discretion, provide, or incentivize a subset of enrolled customers to install enabling technologies, such as smart thermostats. Payments for enabling technologies are limited to \$500 per enrolled customer up to 100 customers. All customer specific data obtained by Chugach through the Small General Service Time of Use Pilot Program shall be held confidentially, to the extent allowed by law and regulation, and any public reporting should not reveal customer names or locations, unless ordered to provide such data by an appropriate authority.

### Monthly Rates

Customer Charge:	\$19.00 per month	R
Energy Charges:		
9 a.m. to 9 p.m. Alaska Prevailing Time	\$0.17416 per kWh	R
All other hours	\$0.10216 per kWh	I

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.:   8  

61<sup>st</sup> Revision

Sheet No.  87 



Canceling

60<sup>th</sup> Revision

Sheet No.  87 

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - SECONDARY VOLTAGE  
(Over 20 kW)**

Available for general purposes at 120/240 volts, single-phase; 120, 240, 480, 120/208, 2,300/4,160 and 7,200/12,470 volts, three-phase where service is provided at secondary voltage.

**Monthly Rates**

Customer Charge:	\$25.00 per Month	R
Demand Charge: All kW of Billing Demand at	\$38.36 per kW	I
Energy Charge:	\$0.02970 per kWh	I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8

37<sup>th</sup> Revision

Sheet No. 87.1



Canceling

36<sup>th</sup> Revision

Sheet No. 87.1

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - PRIMARY VOLTAGE  
(Over 20 kW)**

Available for general purposes at three-phase primary voltage available at the customer location.

**Monthly Rates**

Customer Charge:	\$19.50 per Month	R
Demand Charge: All kW of Billing Demand at	\$45.94 per kW	I
Energy Charge:	\$0.02867 per kWh	I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8      6<sup>th</sup> Revision      Sheet No. 87.1.1



Canceling

5<sup>th</sup> Revision      Sheet No. 87.1.1

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - ELECTRIC VEHICLE CHARGING  
SECONDARY SERVICE (Over 20 kW)**

Available for electric vehicle charging at 120/240, 240/480 volts, single phase and 120/208, 277/480 volts, three-phase where service is provided at secondary voltage. This tariff is available on an inception basis until the earlier of March 17, 2032, or an alternative tariff is established for service to electric vehicle charging.

**Monthly Rates**

Customer Charge: \$25.00 per Month R

For billing periods where the customer's load factor is 39.829% or lower, the following rates shall apply:

Demand Charge: \$0.00 per kW

Energy Charge: \$0.16028 per kWh I

For billing periods where the customer's load factor is greater than 39.829%, the following rates shall apply:

Demand Charge: \$38.36 per kW I

Energy Charge: \$0.02970 per kWh I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Load Factor**

The billing period load factor shall be calculated by dividing the average demand by the billing demand (Load Factor = (billing period kWh / hours in period) / billing period kW).

**Conditions**

1. Above service provided subject to Chugach rules and regulations.
2. This schedule will be applied to each meter at point of delivery, as appropriate, and in no event will meter readings be combined.
3. Only electric vehicle charging and ancillary loads, with a combined load of 20 kW or greater, directly applicable to electric vehicle charging services provided to the public or in support of business operations may be served under this schedule.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:

Chugach Electric Association, Inc.

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 6<sup>th</sup> Revision Sheet No. 87.1.2



Canceling

5<sup>th</sup> Revision Sheet No. 87.1.2

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - ELECTRIC VEHICLE CHARGING  
PRIMARY SERVICE (Over 20 kW)**

Available for three-phase primary service for electric vehicle charging. This tariff is available on an inception basis until the earlier of March 17, 2032, or until an alternative tariff is established for electric vehicle charging.

**Monthly Rates**

Customer Charge: \$19.50 per Month R

For billing periods where the customer's load factor is 48.600% or lower, the following rates shall apply:

Demand Charge: \$0.00 per kW

Energy Charge: \$0.16028 per kWh I

For billing periods where the customer's load factor is greater than 48.600%, the following rates shall apply:

Demand Charge: \$45.94 per kW I

Energy Charge: \$0.02867 per kWh I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Load Factor**

The billing period load factor shall be calculated by dividing the average demand by the billing demand (Load Factor = (billing period kWh / hours in period) / billing period kW).

**Conditions**

1. Above service provided subject to Chugach rules and regulations.
2. This schedule will be applied to each meter at point of delivery, as appropriate, and in no event will meter readings be combined.
3. Only electric vehicle charging and ancillary loads, with a combined load of 20 kW or greater, directly applicable to electric vehicle charging services provided to the public or in support of business operations may be served under this schedule.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:

Chugach Electric Association, Inc.

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8

8<sup>th</sup> Revision

Sheet No. 88



Canceling

7<sup>th</sup> Revision

Sheet No. 88

Chugach Electric Association, Inc.

## NET REQUIREMENTS SERVICE

### Applicable to:

Any customer that is otherwise eligible for service under the rate schedule and conditions for Large General Service at Secondary voltage, and is partly served by on-site generation owned by the customer, where such generation has a nameplate capacity greater than 25 kW but not greater than 5,000 kW, and has met the interconnection requirements provided under Chugach's Interconnection and Operating Requirements for Non-Utility Generation up to 5,000 kVa.

### Character of Service:

Single or three phase 60 Hertz alternating current at 120/240, 240/120, 208Y/120 or 480Y/277 volts as available.

### Monthly Rate:

Customer Charge:	\$25.00 per Month	R
Demand Charge:	\$38.36 per kW of billing demand	I
Energy Charge:	\$0.02970 per kWh	I

### Conditions:

1. Demand is determined by using the maximum average rate of energy supplied by Chugach for any 15 minute interval.
2. Effective December 1, 2024, this schedule is no longer available for new service or as an alternative service. Members receiving service under this schedule prior to December 1, 2024, may continue to receive service under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:

Chugach Electric Association, Inc.

P.O. Box 196300 Anchorage, Alaska 99519-6300



RCA NO.: 8      41<sup>st</sup> Revision      Sheet No. 89.1



Canceling

40<sup>th</sup> Revision      Sheet No. 89.1

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - COMBINED METERING SERVICE  
(Combined Metered Demand Exceeding 500 kW)**

Available for general purposes at primary voltage, where customer primary voltage facilities are geographically contiguous and interconnected, or have the ability to be interconnected, at primary voltage on the customer side of the primary meter.

**Monthly Rates**

Customer Charge:      \$150.00 per Month

Demand Charge:      \$45.94 per kW      I

Energy Charge:      \$0.02867 per kWh      I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month and will be determined on the basis of the simultaneous combined total demand of all qualified meters.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 838<sup>th</sup> RevisionSheet No. 89.2

Canceling

37<sup>th</sup> RevisionSheet No. 89.2

Chugach Electric Association, Inc.

**SHORE POWER SERVICE****Availability**

This schedule is available to customers requesting service at port areas within the Chugach Electric service area, including, but not limited to, the Port of Alaska (in Anchorage), the Port of Whittier, and other ocean water dock areas that support ships, barges, and other boats capable of connecting to shore power for the purposes of reducing engine idling while docked, or to recharge stored energy for electric powertrain boats. This tariff applies only for shore power and ancillary service loads directly applicable to providing shore power.

This schedule is applicable to customers who would otherwise take service on Chugach's Large General Service Primary Voltage service and all applicable rules and regulations for that service apply in addition to the requirements in this schedule. This schedule shall apply to each meter at point of delivery, as appropriate, and in no event will meter readings be combined. Chugach service ends at the meter and the customer is responsible for all requirements of service beyond the meter subject to all applicable interconnection standards.

Customers served under this tariff must accept supply interruption with 15-minute notice. In the event there is an interruption required to avoid shortfalls in electricity supply or significant cost increases due to generation dispatch, Chugach will call for interruption of this service first, unless there are technical reasons to change interruption order.

Chugach is not required to construct an extension for the purpose of increasing the capacity of Chugach's distribution system to provide Shore Power Service under this schedule. If upgrades to the Chugach system are required to provide this service, Chugach may require customer contributions or may deny service under this schedule. Other terms and conditions for extension may apply as provided for in Rule 8.

**Monthly Rates**

Customer Charge:	\$19.50 per month	R
Energy Charge:	\$0.11781 per kWh	I

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective:

Issued by:

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 36<sup>th</sup> Revision Sheet No. 89.4



Canceling  
35<sup>th</sup> Revision

Sheet No. 89.4

Chugach Electric Association, Inc.

## STANDBY AND BUYBACK SERVICE

Available for retail customers who are wholly or partly served by their own generation, where such generation has a nameplate capacity of at least 100 kW. The buyback provisions of this service do not apply where a special contract approved by the RCA establishes the price of power purchased from customer-owned generation.

### Monthly Rates

The customer shall pay charges for unbundled Generation, Transmission, and Distribution Service.

#### Unbundled Distribution and Transmission Service

Description	Residential	Small General	34.5kV	Large General Service		
				Primary Single & Combined Metering	Secondary	
<b>Distribution Service</b>						
Customer Charge, per month:	\$14.50	\$19.00	\$150.00	\$19.50 - Single \$150 - Combined	\$25.00	I,R,R,R
Energy Charge, per kWh:	\$0.07132	\$0.06265	---	\$0.00878	\$0.00909	I,I,I
Demand Charge, per kW:	---	---	---	\$21.24	\$18.47	I,I
<b>Subtransmission</b>						
Energy Charge, per kWh:	\$0.00409	\$0.00392	\$0.00001	\$0.00001	\$0.00001	I,I
Demand Charge, per kW:	---	---	\$1.59	\$1.59	\$1.26	I,I,I
<b>Transmission Service</b>						
Energy Charge, per kWh:	\$0.01988	\$0.01814	\$0.00066	\$0.00066	\$0.00069	I,I,I,I,I
Demand Charge, per kW:	---	---	\$6.83	\$6.83	\$5.45	I,I,I

The Distribution and Subtransmission Service energy charge shall be applied to the greater of a) all kWh delivered by Chugach; or b) all kWh provided to Chugach during the billing period. The Distribution and Subtransmission billing demand shall be the greater of a) the average kW supplied by Chugach during the 15-minute period of maximum use during the current month or b) the average kW provided to Chugach during the 15-minute period of maximum net customer production during the current month. Demand registered within 90 minutes after service is restored immediately following an outage occurring on the Chugach side of the customer's meter shall not be used to establish the demand used for computing Subtransmission and Distribution Demand charges.

Tariff Advice No. 577-8

Effective:

Issued by:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 36<sup>th</sup> Revision Sheet No. 89.4.1



Canceling  
35<sup>th</sup> Revision Sheet No. 89.4.1

Chugach Electric Association, Inc.

## STANDBY AND BUYBACK SERVICE (Continued)

### Unbundled Distribution and Transmission Service (Continued)

The Transmission Service energy charge shall be applied to the greater of: a) all kWh delivered by Chugach; or b) all kWh provided to Chugach during the billing period. The billing demand shall be the greater of: (a) the average kW supplied by Chugach during the 15-minute period of maximum use during the month; or (b) the average kW provided to Chugach during the 15-minute period of maximum net customer production during the month.

### Unbundled Generation Service

Chugach shall purchase any generation output in excess of the customer's needs and shall provide generation service whenever the customer's load is greater than the generation output.

- When the customer's load exceeds the customer's power production, the following unbundled generation charges will be assessed:

Description	Residential	Small General	34.5kV	Large General Service		
				Primary Single & Combined Metering	Secondary	
Generation Service						
Energy Charge, per kWh:	\$0.06498	\$0.06569	\$0.01923	\$0.01923	\$0.01991	I,I,I,I,I
Demand Charge, per kW:	---	---	\$16.28	\$16.28	\$13.18	I,I,I

- When the customer's load is less than the customer's power production, the customer shall receive a billing credit (rather than pay a charge) equal to the product of: (a) the excess of the customer's production over the customer's load (in kWh) multiplied by (b) the hourly buyback rate as identified on Sheet No. 89.4.2.

### Cost of Power Adjustment

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 8      6<sup>th</sup> Revision      Sheet No. 89.5



Canceling  
5<sup>th</sup> Revision      Sheet No. 89.5

Chugach Electric Association, Inc.

## PARTIAL REQUIREMENTS SERVICE AT PRIMARY VOLTAGE

### Applicable to:

Any customer to whom Chugach is authorized to provide service but is not obligated to provide service whose peak load in any 12-month period is at least 10 MW. Availability of this service may be terminated by the utility by giving twelve (12) months' advance written notice to the authorized representatives of all customers then taking service and prompt written notice to all persons with pending applications for service under this Schedule. Copies of such notices shall also be provided to the RCA.

### Character of Service:

Three-phase 60 Hertz alternating current at available transmission or subtransmission voltage (34500Y/19900 volts or above).

### Monthly Rate:

Customer Charge: <sup>1</sup>	\$619.50 per Month	
Baseload Demand Charge:	\$42.81 per kW of Billing Demand	I
Peaking Demand Charge:	\$42.81 per kW of Billing Demand	I
Energy Charge:	\$0.00518 per kWh	I

<sup>1</sup> If the customer is taking service under more than one rate schedule at a single meter, only one customer charge shall apply

RCA NO.: 8 1<sup>st</sup> Revision

Sheet No. 89.6



Canceling

Original

Sheet No. 89.6

Chugach Electric Association, Inc.

## REPLACEMENT ENERGY SERVICE - AWWU

Applicable to:

The Municipality of Anchorage, d/b/a/ Anchorage Water and Wastewater Utility ("AWWU"), solely for the purpose of AWWU providing replacement energy to the Eklutna Power Project as compensation for the diversion of water from the Eklutna Power Project to the Eklutna Water Project.

Character of Service:

Replacement energy service will be provided to AWWU, with such energy to be received at the Eklutna Power Project through displacement by means of an adjustment to Chugach's monthly allotment of delivered energy from the Eklutna Power Project.

### Monthly Rate:

Energy Charge:	\$0.01933	per kWh	R
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### Conditions:

The quantity of replacement energy for which Chugach bills AWWU under this schedule shall be equal to the quantity of displaced energy which Chugach supplied to the Eklutna Power Project through an adjustment to Chugach's monthly allotment of delivered energy.

### Cost of Power Adjustment:

In accordance with Tariff Sheet Nos. 90 - 94.1.2 additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Issued by:

Effective:

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8      Original      Sheet No. 89.7



Canceling

Sheet No. 89.7

Chugach Electric Association, Inc.

## ECONOMIC DEVELOPMENT RATE

N

Available for new or incremental industrial loads used in a manufacturing process with a maximum monthly demand level reasonably expected by Chugach to equal not less than 1,000 kW and not exceed 5,000 kW at 120/240 volts, single phase, 120, 240, 480, 120/208, 2,300/4,160 and 7,200/12,470 volts, three-phase, within two years of receiving such service.

Applicants for this rate must demonstrate that this rate is important for the economic viability of the operation. Customers receiving service under this schedule must enter into a separate service contract with Chugach, which will address unique circumstances of service including the contract length.

### Contract Length

The length of the contract is no longer than ten years. Chugach may shorten the contract length based on capacity availability and customer-specific economic considerations.

### Monthly Rates

The monthly rates under this tariff are equal to the otherwise applicable tariffs subject to the demand charge discount as identified below.

### Demand Charge Discount

The demand charge is discounted over the term of the contract equal to 20 percent in the first year of the contract, reduced annually by 20 percent divided by the contract length in years through the final year of the contract. The discount applies to all kW under this tariff as defined for new and existing industrial customers below. For example, assuming the contract term is ten years, the discount would operate as follows:

Year	1	2	3	4	5	6	7	8	9	10
Discount off standard demand charge	20%	18%	16%	14%	12%	10%	8%	6%	4%	2%

N

Tariff Advice No. 577-8

Issued by:      Effective:  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 870<sup>th</sup> RevisionSheet No. 99

Canceling

69<sup>th</sup> RevisionSheet No. 99

Chugach Electric Association, Inc.

**SALE FOR RESALE**

Available to either "All Power Requirements" or "Partial Requirements" Wholesale customers who have long-term special contracts with Chugach which have been approved by the RCA. Available from Chugach's integrated transmission system at various points of delivery.

**Monthly Rates**

Customer Charge: \$150.00 per Meter

Energy Charge:

Seward Electric System \$0.01973 per kWh

R

Demand Charge:

Seward Electric System \$16.22 per kW

R

**Billing Demand**

For "All Requirements" consumers, the billing demand shall be the maximum 15-minute integrated demand in the billing month. For "Partial Requirements" consumers, the monthly billing demand will be the demand level specified in the consumer's contract with Chugach. The premium demand charge will be applied to each kW of peak demand in excess of the contract capacity, if Chugach supplies the power to meet the excess demand.

**Power Factor**

The customer will make reasonable efforts to maintain unity power factor. Demand charges will be adjusted to correct for average power factors less than 90%. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power factor is less than 90% lagging.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, a surcharge reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

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P.O. Box 196300 Anchorage, Alaska 99519-6300



RCA NO.: 85<sup>th</sup> RevisionSheet No. 160

Canceling

4<sup>th</sup> RevisionSheet No. 160

Chugach Electric Association, Inc.

**RATE SCHEDULE T-1****Scheduling, System Control and Dispatch Service**

This service is required to schedule the movement of power through a Transmission Provider's Transmission System. The charges for Scheduling, System Control and Dispatch Service are to be based on the rates set forth below:

Scheduling, System Control,  
and Dispatch Service Rate

=

\$0.00073 per hour of reserved capacity in kW

OR

\$0.01740 per day of reserved capacity in kW

OR

\$0.12214 per week of reserved capacity in kW

OR

\$0.52928 per month of reserved capacity in kW

OR

\$6.35 per year of reserved capacity in kW

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Tariff Advice No. 577-8

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Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8      5<sup>th</sup> Revision      Sheet No. 161



Canceling

4<sup>th</sup> Revision      Sheet No. 161

Chugach Electric Association, Inc.

## **RATE SCHEDULE T-2**

### **Reactive Supply and Voltage Control** **from Generation Sources Service**

In order to maintain transmission voltages on the Transmission Provider's transmission facilities within acceptable limits, generation facilities use (or absorb) reactive power. Thus, Reactive Supply and Voltage Control from Generation Sources Service must be provided for each transaction on the Transmission Provider's transmission facilities. The amount of Reactive Supply and Voltage Control from Generation Sources Service that must be supplied with respect to the Transmission Customer's transaction will be determined based on the reactive power support necessary to maintain transmission voltages within limits that are generally accepted in the region and consistently adhered to by the Transmission Provider. T-2 service is mandatory unless waived on a showing that the wheeling customer is self-providing the service for any given transaction, provided that such service does not result in degradation to reliability.

The charges for such service will be based on the rates set forth below:

Reactive Supply and	=	\$0.00114 per hour of reserved capacity in kW	I
Voltage Control Rate		OR	
		\$0.02744 per day of reserved capacity in kW	
		OR	
		\$0.19209 per week of reserved capacity in kW	
		OR	
		\$0.83467 per month of reserved capacity in kW	
		OR	
		\$10.02 per year of reserved capacity in kW	I

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RCA NO.: 85<sup>th</sup> RevisionSheet No. 162

Canceling

4<sup>th</sup> RevisionSheet No. 162

Chugach Electric Association, Inc.

**RATE SCHEDULE T-3****Regulation and Frequency Response Service**

Regulation and Frequency Response Service is necessary to provide for the continuous balancing of resources (generation and interchange) with load and for maintaining scheduled Interconnection frequency at sixty cycles per second (60 Hz). Regulation and Frequency Response Service is accomplished by committing on-line generation whose output is raised or lowered (predominantly through the use of automatic generating control equipment) as necessary to follow the moment-by-moment changes in load. The obligation to maintain this balance between resources and load lies with the Transmission Provider. The amount of and charges for Regulation and Frequency Response Service are set forth below.

Regulation and Frequency Response Service	=	\$0.00049 per hour of reserved capacity in kW	I
		OR	
		\$0.01174 per day of reserved capacity in kW	
		OR	
		\$0.08221 per week of reserved capacity in kW	
		OR	
		\$0.35720 per month of reserved capacity in kW	
		OR	
		\$4.29 per year of reserved capacity in kW	I

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RCA NO.: 85<sup>th</sup> RevisionSheet No. 165

Canceling

4<sup>th</sup> RevisionSheet No. 165

Chugach Electric Association, Inc.

**RATE SCHEDULE T-5****Operating Reserve - Spinning Reserve Service**

Spinning Reserve Service is needed to serve load immediately in the event of a system contingency. Spinning Reserve Service may be provided by generating units that are on-line and loaded at less than maximum output. The amount of and charges for Spinning Reserve Service are set forth below.

Compensation for Spinning Reserves	=	\$0.00232 per hour of reserved capacity in kW	I
		OR	
		\$0.05566 per day of reserved capacity in kW	
		OR	
		\$0.38959 per week of reserved capacity in kW	
		OR	
		\$1.69288 per month of reserved capacity in kW	
		OR	
		\$20.31 per year of reserved capacity in kW	I

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5<sup>th</sup> Revision

Sheet No. 166



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4<sup>th</sup> Revision

Sheet No. 166

Chugach Electric Association, Inc.

**RATE SCHEDULE T-6**

**Operating Reserve - Supplemental Reserve Service**

Supplemental Reserve Service is needed to serve load in the event of a system contingency; however, it is not available immediately to serve load but rather within a short period of time. Supplemental Reserve Service may be provided by generating units that are on-line but unloaded, by quick-start generation or by interruptible load.

Compensation for Supplemental Reserves	=	\$0.00083 per hour of reserved capacity in kW	R
		OR	
		\$0.02000 per day of reserved capacity in kW	
		OR	
		\$0.13999 per week of reserved capacity in kW	
		OR	
		\$0.60829 per month of reserved capacity in kW	
		OR	
		\$7.30 per year of reserved capacity in kW	R

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5<sup>th</sup> Revision

Sheet No. 167



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4<sup>th</sup> Revision

Sheet No. 167

Chugach Electric Association, Inc.

**RATE SCHEDULE T-7**

**Long-Term Firm and Short-Term Firm**  
**Point-To-Point Transmission Service**

The Transmission Customer shall compensate the Transmission Provider each month for Reserved Capacity at the sum of the applicable charges set forth below:

1. Yearly delivery: \$102.29 /kW of reserved capacity per year. I
2. Monthly delivery: \$8.5242 /kW of reserved capacity per month.
3. Weekly delivery: \$2.1310 /kW of reserved capacity per week.
4. Daily delivery: \$0.30443 /kW of reserved capacity per day. I
5. The rates and rules governing charges and discounts stated above shall not apply to resales of transmission service, compensation for which shall be governed by Rule 12.11(a) of the Tariff.
6. Resales: An Eligible Customer may resell previously purchased long-term firm and/or short-term firm point-to-point transmission service to another Eligible Customer. For any resale of long-term firm and/or short-term firm point-to-point transmission service, the selling Eligible Customer must provide Chugach with reasonable notice of the resale, the amount of capacity of long-term firm and/or short-term firm point-to-point transmission service being sold, the time period for which the resell of long-term firm and/or short-term firm point-to-point transmission service applies, and the identity of the purchasing Eligible Customer.
7. Discounts, no Arbitrage: Any Eligible Customer that undertakes to resell all or part of its previously purchased long-term firm and/or short-term firm point-to-point transmission service to another Eligible Customer may resell such transmission service at the originally-paid amount or a discount. However, any resale of long-term firm and/or short-term firm point-to-point transmission service cannot exceed the tariffed rate or the amount originally paid by the selling Eligible Customer if the purchased long-term firm and/or short-term firm point-to-point.

RCA NO.: 8      5<sup>th</sup> Revision      Sheet No. 168



Canceling

4<sup>th</sup> Revision      Sheet No. 168

Chugach Electric Association, Inc.

### **RATE SCHEDULE T-8**

#### **Non-Firm Point-To-Point Transmission Service**

The Transmission Customer shall compensate the Transmission Provider for Non-Firm Point-To-Point Transmission Service up to the sum of the applicable charges set forth below:

1. Monthly delivery:                      \$8.5242 /kW of reserved capacity per month. I
2. Weekly delivery:                      \$2.1310 /kW of reserved capacity per week. |
3. Daily delivery:                      \$0.30443 /kW of reserved capacity per day. |
4. Hourly delivery:                      \$0.01268 /kW of reserved capacity per hour. I
5. Discounts: Three principal requirements apply to discounts for transmission service as follows  
(1) any offer of a discount made by the Transmission Provider must be announced to all Eligible Customers, (2) any customer-initiated requests for discounts (including requests for use by one's wholesale merchant or an Affiliate's use) must be announced to all Eligible Customers, and (3) once a discount is negotiated, details must immediately be announced to all Eligible Customers. For any discount agreed upon for service on a path, from point(s) of receipt to point(s) of delivery, the Transmission Provider must offer the same discounted transmission service rate for the same time period to all Eligible Customers on all unconstrained transmission paths that go to the same point(s) of delivery on the Transmission System.
6. Resales: The rates and rules governing charges and discounts stated above shall not apply to resales of transmission service, compensation for which shall be governed by Rule 12.11(a) of the Tariff.
7. Charges for Service: Charges for non-firm transmission wheeling service shall be assessed on the basis of actual capacity used even if a greater amount of non-firm capacity was reserved. Capacity charges shall be based on the actual capacity used within the scheduled period.

**ATTACHMENT C**  
**Interim Rate**  
**Tariff Sheets**



RCA NO.:   8  60<sup>th</sup> RevisionSheet No.   78  

Canceling

59<sup>th</sup> RevisionSheet No.   78  

Chugach Electric Association, Inc.

**OUTDOOR AREA LIGHTING SERVICE**

Available for photoelectric controlled "dusk-to-dawn" residential and commercial outdoor area lighting on Chugach poles where service can be supplied from secondary overhead distribution facilities and where Chugach installs, owns, maintains, and operates the complete lighting installation. This schedule is not applicable for lighting of public streets, highways or other public right-of-ways.

**Monthly Rates:**

<u>Rate Schedule</u>	<u>Operating Wattage</u>	<u>Per Fixture Charge</u>	
41	≤150	\$24.39	I
42	151 - 175	\$35.93	
43	176 - 250	\$36.79	
44	251 - 400	\$41.93	
45	401 - 1000	\$84.72	I

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.:   8  60<sup>th</sup> RevisionSheet No.   80  

Canceling

59<sup>th</sup> RevisionSheet No.   80  

Chugach Electric Association, Inc.

**STREET LIGHTS**

Available for photoelectric controlled "dusk-to-dawn" public street lighting for illumination of roads, streets and other public right-of-ways on Chugach poles where service can be supplied from secondary overhead distribution facilities and Chugach installs, owns, maintains, and operates the complete lighting installation.

**Monthly Rates:**

<u>Rate Schedule</u>	<u>Operating Wattage</u>	<u>Per Fixture Charge</u>	
60	≤150	\$24.39	I
61	151 - 175	\$35.93	
62	176 - 250	\$36.79	
63	251 - 400	\$41.93	
64	401 - 1000	\$84.72	I

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 8

58<sup>th</sup> Revision

Sheet No. 84



Canceling

57<sup>th</sup> Revision

Sheet No. 84

Chugach Electric Association, Inc.

## RESIDENTIAL SERVICE

Available for customary and ordinary residential use and incidental domestic power. Nominal voltage is 120 volts and 120/240 volts, single-phase.

### Monthly Rates

Customer Charge: \$12.79 per Month

Energy Charge: \$0.16182 per kWh

I

### Conditions:

1. Above service provided subject to Chugach rules and regulations.
2. These schedules are restricted to service used exclusively for general domestic and household purposes, as distinguished from commercial, industrial and other uses.
3. These schedules apply only to single family dwellings and other separately metered dwelling units.
4. These schedules will be applied to each meter at point of delivery and in no event will meter readings be combined.

### Cost of Power Adjustment

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 8 2<sup>nd</sup> Revision Sheet No. 84.2



Canceling

1<sup>st</sup> Revision Sheet No. 84.2

Chugach Electric Association, Inc.

## RESIDENTIAL TIME OF USE PILOT PROGRAM (Continued)

### Purpose

The purpose of the Residential Time of Use Pilot Program is to determine if a time of use rate option (a) encourages changes in electricity usage, including a shift in the pattern of electricity usage from periods of higher prices to periods of lower prices, (b) encourages less electricity use during the periods when the distribution and transmission systems have the highest demands, (c) encourages electric vehicle owners to charge their electric vehicles in periods when prices are lower, and (d) increases customers' satisfaction with their electric service.

### Pilot Program Reporting

At a time no later than 30 months after the effective date of this tariff, Chugach will submit a report to the RCA detailing the initial results of the Residential Time of Use Pilot Program, provided sufficient data is available.

The report will analyze:

1. The effectiveness of the marketing of the program to customers.
2. Whether customers saved money relative to the standard tariff otherwise applicable during the study period.
3. Whether and to what extent customers shifted, reduced, or otherwise changed expected usage patterns based upon analysis of the AMI data and interaction with customers through questionnaires or other appropriate processes.
4. Whether customers with electric vehicles charged during the off-peak period.
5. The program costs, including direct and indirect costs.
6. The pattern of customer enrollment in the Residential Time of Use Pilot Program, including the number of different participants, the growth of participants over time, and, to the extent verifiable, the reason for unenrollment.

The report will also provide a recommendation for the continuation, abandonment, or modification of the Residential Time of Use Pilot Program, including making the Residential Time of Use Pilot Program a permanent tariff offering.

Chugach may use questionnaires to learn about customers usage patterns, types of appliances, vehicles, and use of smart energy technologies behind the meter and their satisfaction with their electric service and the Residential Time of Use Pilot Program. Chugach may use incentives to induce customers to return questionnaires, although such incentives should not exceed \$50 per completed questionnaire. Chugach may also, at its discretion, provide, or incentivize a subset of enrolled customers to install enabling technologies, such as smart thermostats. Payments for enabling technologies are limited to \$500 per enrolled customer up to 100 customers. All customer-specific data obtained by Chugach through the Residential Time of Use Pilot Program shall be held confidentially, to the extent allowed by law and regulation, and any public reporting should not reveal customer names or locations, unless ordered to provide such data by an appropriate authority.

### Monthly Rates

Customer Charge: \$12.79 per month

Energy Charges:

9 a.m. to 9 p.m. Alaska Prevailing Time	\$0.21595 per kWh	I
All other hours	\$0.10834 per kWh	I

RCA NO.: 8

59<sup>th</sup> Revision

Sheet No. 86



Canceling

58<sup>th</sup> Revision

Sheet No. 86

Chugach Electric Association, Inc.

**SMALL GENERAL SERVICE  
(Not Exceeding 20 kW)**

Available for general commercial use. Nominal voltage shall be 120/240 or any other user voltage available.

**Monthly Rates**

Customer Charge: \$19.46 per Month

Energy Charge: \$0.15146 per kWh

I

**Conditions:**

1. Above service provided subject to Chugach rules and regulations.
2. This schedule applies to general lighting, incidental power and other services, including services provided to utility and corridor areas in apartment and condominium complexes and small cell attachments installed. It is not applicable to separately metered residential dwelling units or resale service.
3. This schedule will be applied to each meter at point of delivery, as appropriate, and in no event will meter readings be combined.
4. Chugach shall provide a demand meter for a member when their monthly maximum demand is estimated to be in excess of 20kW. All members with maximum 15-minute integrated demands in excess of 20 kW will be billed under the Large General Service rate schedule.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 8 2<sup>nd</sup> Revision Sheet No. 86.2



Canceling

1<sup>st</sup> Revision

Sheet No. 86.2

Chugach Electric Association, Inc.

## SMALL GENERAL SERVICE TIME OF USE PILOT PROGRAM (Continued)

### Pilot Program Reporting

At a time no later than 30 months after the effective date of this tariff, Chugach will submit a report to the RCA detailing the initial results of the Small General Service Time of Use Pilot Program, provided sufficient data is available.

The report will analyze:

1. The effectiveness of the marketing of the program to customers.
2. Whether customers saved money relative to the standard tariff otherwise applicable during the study period.
3. Whether and to what extent customers shifted, reduced, or otherwise changed expected usage patterns based upon analysis of the AMI data and interaction with customers through questionnaires or other appropriate processes.
4. Whether customers with electric vehicles charged during the off-peak period.
5. The program costs, including direct and indirect costs.
6. The pattern of customer enrollment in the Small General Service Time of Use Pilot Program including the number of different participants, the growth of participants over time, and, to the extent verifiable, the reason for unenrollment.

The report will also provide a recommendation for the continuation, abandonment, or modification of the Small General Service Time of Use Pilot Program, including making the Small General Service Time of Use Pilot Program a permanent tariff offering.

Chugach may use questionnaires to learn about customers usage patterns, types of appliances, vehicles, and use of smart energy technologies behind the meter and their satisfaction with their electric service and the Small General Service Time of Use Pilot Program. Chugach may use incentives to induce customers to return questionnaires, although such incentives should not exceed \$50 per completed questionnaire. Chugach may also, at its discretion, provide, or incentivize a subset of enrolled customers to install enabling technologies, such as smart thermostats. Payments for enabling technologies are limited to \$500 per enrolled customer up to 100 customers. All customer specific data obtained by Chugach through the Small General Service Time of Use Pilot Program shall be held confidentially, to the extent allowed by law and regulation, and any public reporting should not reveal customer names or locations, unless ordered to provide such data by an appropriate authority.

### Monthly Rates

Customer Charge: \$19.46 per month

Energy Charges:

9 a.m. to 9 p.m. Alaska Prevailing Time	\$0.20035 per kWh	I
All other hours	\$0.10268 per kWh	I

RCA NO.:   8  

60<sup>th</sup> Revision

Sheet No.  87 



Canceling

59<sup>th</sup> Revision

Sheet No.  87 

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - SECONDARY VOLTAGE  
(Over 20 kW)**

Available for general purposes at 120/240 volts, single-phase; 120, 240, 480, 120/208, 2,300/4,160 and 7,200/12,470 volts, three-phase where service is provided at secondary voltage.

**Monthly Rates**

Customer Charge:	\$31.99 per Month	
Demand Charge: All kW of Billing Demand at	\$38.38 per kW	I
Energy Charge:	\$0.02971 per kWh	I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 8

36<sup>th</sup> Revision

Sheet No. 87.1



Canceling

35<sup>th</sup> Revision

Sheet No. 87.1

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - PRIMARY VOLTAGE  
(Over 20 kW)**

Available for general purposes at three-phase primary voltage available at the customer location.

**Monthly Rates**

Customer Charge:	\$20.06 per Month	
Demand Charge: All kW of Billing Demand at	\$47.07 per kW	I
Energy Charge:	\$0.02938 per kWh	I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.



RCA NO.: 8      5<sup>th</sup> Revision      Sheet No. 87.1.1



Canceling

4<sup>th</sup> Revision      Sheet No. 87.1.1

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - ELECTRIC VEHICLE CHARGING  
SECONDARY SERVICE (Over 20 kW)**

Available for electric vehicle charging at 120/240, 240/480 volts, single phase and 120/208, 277/480 volts, three-phase where service is provided at secondary voltage. This tariff is available on an inception basis until the earlier of March 17, 2032, or an alternative tariff is established for service to electric vehicle charging.

**Monthly Rates**

Customer Charge: \$31.99 per Month

For billing periods where the customer's load factor is 39.829% or lower, the following rates shall apply:

Demand Charge:	\$0.00 per kW	
Energy Charge:	\$0.16182 per kWh	I

For billing periods where the customer's load factor is greater than 39.829%, the following rates shall apply:

Demand Charge:	\$38.38 per kW	I
Energy Charge:	\$0.02971 per kWh	I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Load Factor**

The billing period load factor shall be calculated by dividing the average demand by the billing demand (Load Factor = (billing period kWh / hours in period) / billing period kW).

**Conditions**

1. Above service provided subject to Chugach rules and regulations.
2. This schedule will be applied to each meter at point of delivery, as appropriate, and in no event will meter readings be combined.
3. Only electric vehicle charging and ancillary loads, with a combined load of 20 kW or greater, directly applicable to electric vehicle charging services provided to the public or in support of business operations may be served under this schedule.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

Effective: October 2, 2025

Issued by:

Chugach Electric Association, Inc.

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8      5<sup>th</sup> Revision      Sheet No. 87.1.2



Canceling

4<sup>th</sup> Revision      Sheet No. 87.1.2

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - ELECTRIC VEHICLE CHARGING  
PRIMARY SERVICE (Over 20 kW)**

Available for three-phase primary service for electric vehicle charging. This tariff is available on an inception basis until the earlier of March 17, 2032, or until an alternative tariff is established for electric vehicle charging.

**Monthly Rates**

Customer Charge: \$20.06 per Month

For billing periods where the customer's load factor is 48.600% or lower, the following rates shall apply:

Demand Charge: \$0.00 per kW

Energy Charge: \$0.16182 per kWh

I

For billing periods where the customer's load factor is greater than 48.600%, the following rates shall apply:

Demand Charge: \$47.07 per kW

I

Energy Charge: \$0.02938 per kWh

I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month.

**Load Factor**

The billing period load factor shall be calculated by dividing the average demand by the billing demand (Load Factor = (billing period kWh / hours in period) / billing period kW).

**Conditions**

1. Above service provided subject to Chugach rules and regulations.
2. This schedule will be applied to each meter at point of delivery, as appropriate, and in no event will meter readings be combined.
3. Only electric vehicle charging and ancillary loads, with a combined load of 20 kW or greater, directly applicable to electric vehicle charging services provided to the public or in support of business operations may be served under this schedule.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

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6<sup>th</sup> Revision      Sheet No. 88

Chugach Electric Association, Inc.

## NET REQUIREMENTS SERVICE

### Applicable to:

Any customer that is otherwise eligible for service under the rate schedule and conditions for Large General Service at Secondary voltage, and is partly served by on-site generation owned by the customer, where such generation has a nameplate capacity greater than 25 kW but not greater than 5,000 kW, and has met the interconnection requirements provided under Chugach's Interconnection and Operating Requirements for Non-Utility Generation up to 5,000 kVa.

### Character of Service:

Single or three phase 60 Hertz alternating current at 120/240, 240/120, 208Y/120 or 480Y/277 volts as available.

### Monthly Rate:

Customer Charge:	\$31.99 per Month	
Demand Charge:	\$38.38 per kW of billing demand	I
Energy Charge:	\$0.02971 per kWh	I

### Conditions:

1. Demand is determined by using the maximum average rate of energy supplied by Chugach for any 15 minute interval.
2. Effective December 1, 2024, this schedule is no longer available for new service or as an alternative service. Members receiving service under this schedule prior to December 1, 2024, may continue to receive service under this schedule.

RCA NO.: 8      40<sup>th</sup> Revision      Sheet No. 89.1



Canceling

39<sup>th</sup> Revision      Sheet No. 89.1

Chugach Electric Association, Inc.

**LARGE GENERAL SERVICE - COMBINED METERING SERVICE  
(Combined Metered Demand Exceeding 500 kW)**

Available for general purposes at primary voltage, where customer primary voltage facilities are geographically contiguous and interconnected, or have the ability to be interconnected, at primary voltage on the customer side of the primary meter.

**Monthly Rates**

Customer Charge:	\$150.00 per Month	
Demand Charge:	\$47.07 per kW	I
Energy Charge:	\$0.02938 per kWh	I

**Billing Demand**

The billing demand shall be the average kW supplied during the 15-minute period of maximum use during the month and will be determined on the basis of the simultaneous combined total demand of all qualified meters.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 837<sup>th</sup> RevisionSheet No. 89.2

Canceling

36<sup>th</sup> RevisionSheet No. 89.2

Chugach Electric Association, Inc.

**SHORE POWER SERVICE****Availability**

This schedule is available to customers requesting service at port areas within the Chugach Electric service area, including, but not limited to, the Port of Alaska (in Anchorage), the Port of Whittier, and other ocean water dock areas that support ships, barges, and other boats capable of connecting to shore power for the purposes of reducing engine idling while docked, or to recharge stored energy for electric powertrain boats. This tariff applies only for shore power and ancillary service loads directly applicable to providing shore power.

This schedule is applicable to customers who would otherwise take service on Chugach's Large General Service Primary Voltage service and all applicable rules and regulations for that service apply in addition to the requirements in this schedule. This schedule shall apply to each meter at point of delivery, as appropriate, and in no event will meter readings be combined. Chugach service ends at the meter and the customer is responsible for all requirements of service beyond the meter subject to all applicable interconnection standards.

Customers served under this tariff must accept supply interruption with 15-minute notice. In the event there is an interruption required to avoid shortfalls in electricity supply or significant cost increases due to generation dispatch, Chugach will call for interruption of this service first, unless there are technical reasons to change interruption order.

Chugach is not required to construct an extension for the purpose of increasing the capacity of Chugach's distribution system to provide Shore Power Service under this schedule. If upgrades to the Chugach system are required to provide this service, Chugach may require customer contributions or may deny service under this schedule. Other terms and conditions for extension may apply as provided for in Rule 8.

**Monthly Rates**

Customer Charge: \$20.06 per month

Energy Charge: \$0.12138 per kWh I

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

Tariff Advice No. 577-8

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Chugach Electric Association, Inc.

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8      35<sup>th</sup> Revision      Sheet No. 89.4



Canceling

34<sup>th</sup> Revision

Sheet No. 89.4

Chugach Electric Association, Inc.

## STANDBY AND BUYBACK SERVICE

Available for retail customers who are wholly or partly served by their own generation, where such generation has a nameplate capacity of at least 100 kW. The buyback provisions of this service do not apply where a special contract approved by the RCA establishes the price of power purchased from customer-owned generation.

### Monthly Rates

The customer shall pay charges for unbundled Generation, Transmission, and Distribution Service.

#### Unbundled Distribution and Transmission Service

Description	Residential	Small General	Large General Service			
			34.5kV	Primary Single & Combined Metering	Secondary	
Distribution Service						
Customer Charge, per month:	\$12.79	\$19.46	\$150.00	\$20.06 - Single \$150 - Combined	\$31.99	
Energy Charge, per kWh:	\$0.07201	\$0.06165	---	\$0.00899	\$0.00910	I,I,I,I
Demand Charge, per kW:	---	---	---	\$21.76	\$18.48	I,I
Subtransmission						
Energy Charge, per kWh:	\$0.00413	\$0.00392	\$0.00001	\$0.00001	\$0.00001	I,I
Demand Charge, per kW:	---	---	\$1.63	\$1.63	\$1.26	I,I,I
Transmission Service						
Energy Charge, per kWh:	\$0.02007	\$0.01859	\$0.00068	\$0.00068	\$0.00069	I,I,I,I,I
Demand Charge, per kW:	---	---	\$7.00	\$7.00	\$5.45	I,I,I

The Distribution and Subtransmission Service energy charge shall be applied to the greater of a) all kWh delivered by Chugach; or b) all kWh provided to Chugach during the billing period. The Distribution and Subtransmission billing demand shall be the greater of a) the average kW supplied by Chugach during the 15-minute period of maximum use during the current month or b) the average kW provided to Chugach during the 15-minute period of maximum net customer production during the current month. Demand registered within 90 minutes after service is restored immediately following an outage occurring on the Chugach side of the customer's meter shall not be used to establish the demand used for computing Subtransmission and Distribution Demand charges.

RCA NO.: 8 35<sup>th</sup> Revision Sheet No. 89.4.1



Canceling  
34<sup>th</sup> Revision Sheet No. 89.4.1

Chugach Electric Association, Inc.

## STANDBY AND BUYBACK SERVICE (Continued)

### Unbundled Distribution and Transmission Service (Continued)

The Transmission Service energy charge shall be applied to the greater of: a) all kWh delivered by Chugach; or b) all kWh provided to Chugach during the billing period. The billing demand shall be the greater of: (a) the average kW supplied by Chugach during the 15-minute period of maximum use during the month; or (b) the average kW provided to Chugach during the 15-minute period of maximum net customer production during the month.

### Unbundled Generation Service

Chugach shall purchase any generation output in excess of the customer's needs and shall provide generation service whenever the customer's load is greater than the generation output.

- 1) When the customer's load exceeds the customer's power production, the following unbundled generation charges will be assessed:

Description	Residential	Small General	34.5kV	Large General Service		
				Primary Single & Combined Metering	Secondary	
Energy Charge, per kWh:	\$0.06560	\$0.06730	\$0.01970	\$0.01970	\$0.01992	I,I,I,I,I
Demand Charge, per kW:	---	---	\$16.68	\$16.68	\$13.19	I,I,I

### **Generation Service**

- 2) When the customer's load is less than the customer's power production, the customer shall receive a billing credit (rather than pay a charge) equal to the product of: (a) the excess of the customer's production over the customer's load (in kWh) multiplied by (b) the hourly buyback rate as identified on Sheet No. 89.4.2.

### Cost of Power Adjustment

In accordance with Tariff Sheet Nos. 90 - 94.1.2, additional charges reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.

RCA NO.: 8

5<sup>th</sup> Revision

Sheet No. 89.5



Canceling

4<sup>th</sup> Revision

Sheet No. 89.5

Chugach Electric Association, Inc.

## PARTIAL REQUIREMENTS SERVICE AT PRIMARY VOLTAGE

### Applicable to:

Any customer to whom Chugach is authorized to provide service but is not obligated to provide service whose peak load in any 12-month period is at least 10 MW. Availability of this service may be terminated by the utility by giving twelve (12) months' advance written notice to the authorized representatives of all customers then taking service and prompt written notice to all persons with pending applications for service under this Schedule. Copies of such notices shall also be provided to the RCA.

### Character of Service:

Three-phase 60 Hertz alternating current at available transmission or subtransmission voltage (34500Y/19900 volts or above).

### Monthly Rate:

Customer Charge: <sup>1</sup>	\$619.50 per Month	
Baseload Demand Charge:	\$44.51 per kW of Billing Demand	I
Peaking Demand Charge:	\$44.51 per kW of Billing Demand	I
Energy Charge:	\$0.00539 per kWh	I

<sup>1</sup> If the customer is taking service under more than one rate schedule at a single meter, only one customer charge shall apply



RCA NO.: 869<sup>th</sup> RevisionSheet No. 99

Canceling

68<sup>th</sup> RevisionSheet No. 99

Chugach Electric Association, Inc.

**SALE FOR RESALE**

Available to either "All Power Requirements" or "Partial Requirements" Wholesale customers who have long-term special contracts with Chugach which have been approved by the RCA. Available from Chugach's integrated transmission system at various points of delivery.

**Monthly Rates**

Customer Charge: \$150.00 per Meter

Energy Charge:

Seward Electric System \$0.01973 per kWh R

Demand Charge:

Seward Electric System \$16.22 per kW R

**Billing Demand**

For "All Requirements" consumers, the billing demand shall be the maximum 15-minute integrated demand in the billing month. For "Partial Requirements" consumers, the monthly billing demand will be the demand level specified in the consumer's contract with Chugach. The premium demand charge will be applied to each kW of peak demand in excess of the contract capacity, if Chugach supplies the power to meet the excess demand.

**Power Factor**

The customer will make reasonable efforts to maintain unity power factor. Demand charges will be adjusted to correct for average power factors less than 90%. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power factor is less than 90% lagging.

**Cost of Power Adjustment**

In accordance with Tariff Sheet Nos. 90 - 94.1.2, a surcharge reflecting the actual cost of fuel and purchased power expense will be applied to each billing for service rendered under this schedule.