



ELECTRONICALLY FILED WITH RCA

February 29, 2024

Regulatory Commission of Alaska
701 W. 8th Avenue, Suite 300
Anchorage, AK 99501

Subject: Tariff Advice No. 429-121; Chugach Electric Association, Inc. Net Metering Compliance Filing

Commissioners:

The tariff filing described below is hereby transmitted to you for filing in compliance with the Alaska Public Utilities Commission Act and Sections 3 AAC 48.200 - 3 AAC 48.430 of the Alaska Administrative Code. The purpose of this filing is to update Chugach Electric Association, Inc.'s (Chugach) tariff for Certificate of Public Convenience and Necessity (CPCN) No. 121 to reflect 2023 operating results for net metering installations on the Chugach system. A similar filing is being submitted by Chugach for CPCN No. 8 (South District) in Tariff Advice No. 551-8.

<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>
56	5 th Revision	56	4 th Revision	Net Metering Rule 10.6

Section 3 AAC 50.910(d) of the Alaska Administrative Code requires electric utilities to file a tariff advice letter on or before March 1 of each year to update the maximum allowed nameplate capacity of customer-installed generation for customers that receive electric service under the net metering tariff. The tariff changes in this filing are administrative in nature and do not conflict with any other schedule or rate, do not impact system revenues, and do not otherwise adversely impact customers on the system. Chugach provides electric service to approximately 93,000 retail members (113,000 meters) and wholesale member Seward Electric System. Chugach is projecting annual revenues of \$357.1 million for calendar-year 2024.

Summary

In Letter Order L2200048, approving Tariff Advice No. 394-121 dated February 23, 2022, the Commission approved Chugach's request to increase the allowable nameplate capacity of eligible generation under the net metering program from 1.5% to 5.0% of average retail demand, as provided for in 3 AAC 50.910(e). For calendar-year 2023, retail sales totaled 1,891,088,172 kWh and the average retail demand was 215,877.65 kW. The total maximum allowed nameplate capacity of all net metered installations on the retail distribution system is 10,793.88 kW. As of December 31, 2023, Chugach had 893 net metered renewable distributed generation systems (888 photovoltaic and 5 wind) that collectively own 4,624.59 kW of renewable generation based on

nameplate capacity. Chugach's distribution system is at 43 percent of the authorized net metered capacity of 5 percent of average retail demand.

At the end of 2023, Chugach provided service to 96,984 residential meters, 13,690 small general service meters, and 2,512 large general service meters. Attachment 1 provides a detailed breakdown of the installed capacity of net metered systems, the number of net metered customers, and the amount of energy fed into the Chugach system, all by customer class and generation type (solar and wind) for calendar-year 2022 and 2023.

Description of Tariff Changes

Tariff Sheet No. 56: Average retail demand, maximum allowed nameplate capacity, and nameplate capacity of net metered customers on the Chugach system have been updated to reflect 2023 operating results.

Please contact Dean Ratcliff, Vice President of Regulatory Affairs, at 907-762-4153 if additional information is needed.

Sincerely,

CHUGACH ELECTRIC ASSOCIATION, INC.



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Attachments

RCA No. 121

5th Revision

Sheet No. 56



Canceling

4th Revision

Sheet No. 56

Chugach Electric Association, Inc.

NET METERING SERVICE (CONTINUED)

(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

Conditions (Continued)

- 8) Chugach may request by tariff advice letter to adjust the limit on total nameplate capacity of eligible consumer generation systems participating in the net metering program above 5.0 percent of the electric utility's average retail demand.
- 9) Chugach reserves the right to limit net metering installations in portions of its distribution system that are reasonably necessary to address system stability constraints or other operational issues. Chugach shall notify the Commission no later than 30 days after refusal to interconnect with a consumer requesting net metering service.
- 10) Chugach may require the installation of additional metering equipment for net metering consumers, including the metering of individual generating facilities. For these installations, Chugach is responsible for all costs related to the purchase, installation, and maintenance of the additional metering equipment and the customer shall not be assessed any recurring charges for the additional metering equipment.
- 11) Chugach expects net metering customers to acquire liability insurance to cover any damages caused to the Chugach system by the consumer generation system, if that coverage is available at a reasonable cost to the consumer.
- 12) Pursuant to 3 AAC 50.910 (d), below is a summary of Chugach's average retail demand, maximum allowed nameplate capacity of eligible net metered generation facilities on the system, and total nameplate capacity of net metered customers:

- | | |
|---|---|
| a. Average retail demand (calendar year 2023): 215,877.65 kW | R |
| b. Maximum allowed net metered nameplate capacity (5.0% of (a)): 10,793.88 kW | R |
| c. System net metered generation capacity: 4,624.59 kW | I |

Chugach Electric Association, Inc.
Anchorage, Alaska

Attachment 1
Net Metering Service by Customer Class and Renewable Type
(North and South District, at Year-End 2023 and 2022)

Customer Class	Number of Meters				Installed Capacity (kW)				Energy Fed into Grid (kWh) ¹			
	2022	2023	Difference	% Diff	2022	2023	Difference	% Diff	2022	2023	Difference	% Diff
Solar												
Residential	716	822	106	15%	3,372.63	3,949.55	576.9	17%	1,300,701	1,249,114	(51,587)	(4%)
Small Commercial	51	50	(1)	(2%)	451.23	434.77	(16.5)	(4%)	99,837	84,364	(15,473)	(15%)
Large Commercial	10	16	6	60%	187.50	220.27	32.8	17%	1,880	8,459	6,579	350%
Subtotal	777	888	111	14%	4,011.36	4,604.59	593.2	15%	1,402,418	1,341,937	(60,481)	(4%)
Wind												
Residential	0	1	1	100%	0.00	10.00	10.0	100%	0	20,386	20,386	100%
Small Commercial	2	2	0	0%	4.60	4.60	0.0	0%	2,473	1,130	(1,343)	(54%)
Large Commercial	2	2	0	0%	5.40	5.40	0.0	0%	0	0	0	0%
Subtotal	4	5	1	25%	10.00	20.00	10.0	100%	2,473	21,516	19,043	770%
System Total												
Residential	716	823	107	15%	3,372.63	3,959.55	586.9	17%	1,300,701	1,269,500	(31,201)	(2%)
Small Commercial	53	52	(1)	(2%)	455.83	439.37	(16.5)	(4%)	102,310	85,494	(16,816)	(16%)
Large Commercial	12	18	6	50%	192.90	225.67	(32.8)	(17%)	1,880	8,459	6,579	350%
Total	781	893	112	14%	4,021.36	4,624.59	537.7	13%	1,404,891	1,363,453	(41,438)	(3%)

¹ Represents the sum of all energy (kWh) that flowed out of the customer meters to the grid during the period. This does not represent the amount of energy that Chugach purchased from the member after net metering.