TARIFF ACTION MEMORANDUM

File No.: TA380-121 and TA498-8 Date: December 18, 2020

Date Filed: November 17, 2020

Statutory End Date: January 4, 2021

Utility: Chugach Electric Association, Inc.

Description: COPA SFPPR

Synopsis of Filing:

Chugach Electric Association, Inc. submits its Cost of Power Adjustment and Small Facility Power Purchase Rate update for the period beginning January 1, 2021 for the North District (TA380-121) and the South District (TA498-8). Chugach Electric Association, Inc. also submits its initial Beluga River Unit Contributed Capital Rebate and Surcharge and Restricted Rate Reduction Account Rebate.

Tariff Recommendations:

The Commission should:

1. Suspend TA380-121 into Docket No. U-19-085.
2. Suspend TA498-8 into Docket No. U-19-091.
3. Approve the Cost of Power Adjustment surcharges and Small Facility Power Purchase Rates on an interim and refundable basis, effective January 1, 2021.
4. Approve Tariff Sheet Nos. 66, 67, 69 through 73, and Tariff Sheet No. 103, filed November 17, 2020, and Tariff Sheet No. 68, filed December 8, 2020, by Chugach Electric Association, Inc. in TA380-121, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be January 1, 2021.
5. Approve Tariff Sheet Nos. 93, 94, 94.04, 94.05, 94.1, 94.1.1, 94.1.2, 95, 95.04, 95.05, 95.5, 96 97, 97.1.4, 97.5.2, and 97.6.1, filed November 17, 2020, by Chugach Electric Association, Inc. with TA498-8, as shown on the attached side-by-side tariff sheets (BA-2). The effective date of the tariff sheets should be January 1, 2021.

Reason(s) for the above-indicated recommendations: See attached memorandum.

Signed: Becki Alvey Title: Utility Tariff Analyst

Becki Alvey

Commission decision regarding these recommendations:

	Date (if different from 12/18/2020)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT*
Pickett		RMP		
McAlpine		SM SM		
Scott		AGS AGS		
Sullivan		DS DS		
Wilson	12/21/2020	JW JW		

*If this column is initialed, Staff will contact the Commissioner for the statement; otherwise, the dissent will simply be noted at the close of the By Direction letter or order.

STATE OF ALASKA
The Regulatory Commission of Alaska
701 West 8th Ave., Suite 300
Anchorage, Alaska 99501-3469

T A R I F F A C T I O N M E M O R A N D U M

To: Robert M. Pickett, Chairman
Stephen A. McAlpine
Antony Scott
Daniel A. Sullivan
Janis W. Wilson

Date: December 18, 2020

From: Becki Alvey, Utility Tariff Analyst

Subject: TA380-121 and TA498-8, Chugach Electric Association, Inc.
COPA and SFPPR

STATEMENT OF CASE

Chugach Electric Association, Inc. (Chugach) submits its Cost of Power Adjustment (COPA) and Small Facility Power Purchase Rate (SFPPR) update for the period beginning January 1, 2021 for the North District (TA380-121) and the South District (TA498-8). Chugach Electric Association, Inc. also submits its initial Beluga River Unit (BRU) Contributed Capital Rebate and Surcharge and Restricted Rate Reduction (RRR) Account Rebate.

RECOMMENDATIONS

The Commission should:

1. Suspend TA380-121 into Docket No. U-19-085.
2. Suspend TA498-8 into Docket No. U-19-091.
3. Approve the COPA surcharges and SFPPRs on an interim and refundable basis, effective January 1, 2021.
4. Approve Tariff Sheet Nos. 66, 67, 69 through 73, and Tariff Sheet No. 103, filed November 17, 2020, and Tariff Sheet No. 68, filed December 8, 2020, by Chugach in TA380-121, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be January 1, 2021.
5. Approve Tariff Sheet Nos. 93, 94, 94.04, 94.05, 94.1, 94.1.1, 94.1.2, 95, 95.04, 95.05, 95.5, 96 97, 97.1.4, 97.5.2, and 97.6.1, filed November 17, 2020, by Chugach with TA498-8, as shown on the attached side-by-side tariff sheets (BA-2). The effective date of the tariff sheets should be January 1, 2021.

BACKGROUND

Chugach is the largest electric utility in Alaska, with approximately 31,255 retail metered locations in the North District and approximately 82,000 retail metered locations and one

wholesale customer, Seward Electric System (SES) in the South District.[1] Expenses associated with electric services include fuel used to generate electricity and power purchased from others. Chugach is authorized by the Commission to recover fuel and purchased power costs through the fuel and purchased power adjustment process, which is adjusted quarterly to reflect increases and decreases of such costs.

On November 5, 2018, the Commission issued Order No. U-18-102(1), opening an investigation into the BRU management practices of the Municipality of Anchorage d/b/a Municipal Light and Power (ML&P). On April 18, 2019, the Commission issued Order No. U-19-020(1) and Order No. U-19-021(1) to address Chugach Electric Association Inc.'s (Chugach) petition to acquire most of ML&P's assets and ML&P's request for amendment of its certificate, respectively. Docket No. U-18-102 was consolidated with Docket Nos. U-19-020 and U-19-021, on May 8, 2019, with Order No. U-18-102(8)/U-19-020(2)/U-19-021(2). In that order the Commission designated Chugach as a party to Docket No. U-18-102. On May 28, 2020, the Commission issued Order No. U-18-102(44)/U-19-020(39)/U-19-021(39), conditionally approving the transaction and requiring a number of filings. In addition, in the Commission's discussion of the transfer of Certificate No. 121 to Chugach, the Commission imposed four conditions including that Chugach file tariff revisions under which all Chugach ratepayers will be billed under the same COPA surcharge calculation, including unified gas transfer price (GTP) no later than 45-days before January 1, 2021.[2]

On August 26, 2020, Chugach filed TA492-8, TA493-8, TA494-8, and TA495-8, proposing methodologies for the RRR Account, BRU Contributed Capital surcharge and rebate, unified GTP, and unified COPA, respectively, in compliance with Order No. U-18-102(44)/U-19-020(39)/U-19-021(39). On November 5, 2020, the Commission issued Letter Order Nos. L200397, L200395, and L2000399, approving the Tariff Sheets filed with TA492-8 and TA493-8, and approving the unified COPA methodology, respectively. On October 9, 2020, the Commission issued Order No. U-19-085(19)/U-19-091(18)/U-20-071(1), suspending TA494-8 and consolidating the new docket with Docket Nos. U-19-085 and U-19-091. These dockets are currently pending before the Commission.

Chugach now submits TA380-121 and TA498-8, its unified COPA and SFPPR update for the period beginning January 1, 2021, for the North District and South District, respectively. This is the first unified COPA filing for Chugach, post-acquisition of ML&P. In accordance with historic Commission practice,[3] a publication notice was not issued for TA380-121 and TA498-8.

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[1] *See* tariff advice letters for TA380-121 and TA498-8, at 2. Staff notes that the North District is the area served under Certificate of Public Convenience and Necessity (Certificate) No. 121 and the South District is the area served under Certificate No. 8.

[2] *See* Order No. U-18-102(44)/U-19-020(39)/U-19-021(39), at page 58.

[3] One reason the Commission forgoes publication notice for COPA filings is 3 AAC 52.504(d) which states "[f]or a COPA filing under (b) of this section, an electric utility is not required to give public notice under AS 42.05.411…" this allows a utility to implement a COPA upon filing, rather than waiting the 45 day specified in AS 42.05.411 to ensure adequate notice to the public of a tariff revision.

ANALYSIS

COPA

Proposed revisions to the COPA surcharges are reviewed under 3 AAC 52.504, which requires information supporting entries in the balancing account for the historical period, and support for projections for the future period.[4] Chugach segregates the retail COPA surcharge into a fuel component and a purchased power component and updates the distribution-level losses of retail customers served between Primary and Secondary voltage levels.[5]

Calculation of the COPA consists of two parts. The first part includes a 3-month estimate of kWh sales, power costs, and revenue offsets. Chugach submitted supporting documentation for the projected period of January through March 2021. The second part includes documentation supporting the estimated balancing account entries for October through December 2020.[6] Chugach provided actual usage, generation, cost and sales data for the period of July through September 2020, including invoices and spreadsheets supporting the balancing account entries. Staff notes that Chugach also submitted the actual usage, generation, cost and sales data for the period of July through September 2020, including invoices and spreadsheets for the costs incurred and revenues collected for ML&P prior to the close of the acquisition.

June CINGSA Invoice

During Staff's review of TA496-8, Staff found that Chugach had included $4,565.13 of injection fees for ISS that should not have been included. Chugach agreed that the injection fees should not have been included. Chugach stated that it will include a credit in its next COPA filing, to be filed no later than November 17, 2020.[7] Staff notes that Chugach has included the credit to reverse the injection fees that were included in TA496-8.

COPA Surcharge

Tariff Sheet Nos. 69 and 94.1 Primary Service[8]

With TA380-121 and TA498-8, Chugach proposes a retail service for Primary Delivery COPA surcharge of $0.04729/kWh.[9] This is a decrease from the currently approved COPA surcharge of $0.06791/kWh for the South District. This is an increase from the currently approved COPA surcharge of $0.03965/kWh for the North District.

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[4] *See* 3 AAC 52.504(g), *Filing Requirements for Electric Utilities*. This support includes invoices, records, reports, calculations, contracts and any other information the Commission and Staff consider necessary to explain the proposed COPA calculation.

[5] *See* Letter Order No. L0900101, issued November 19, 2009.

[6] In 1992, Chugach obtained Commission approval to use an estimated balancing account balance in its COPA calculation. *See* TA133-8, effective September 12, 1991.

[7] *See* TR2005665, filed October 8, 2020.

[8] Throughout this memo, Staff lists the tariff sheets for Certificate No. 121 first and Certificate No. 8 second.

[9] *See* side-by-side Tariff Sheet No. 69, attached as BA-1, at line e.5.D. *See also* side-by-side Tariff Sheet No. 94.1, attached as BA-2, at line e.5.D for Certificate No. 8.

Tariff Sheet Nos. 70 and 94.1.1 Secondary Service

With TA380-121 and TA496-8, Chugach proposes a retail service for Secondary Delivery COPA surcharge of $0.04766/kWh.[10] This is a decrease from the currently approved COPA surcharge of $0.06841/kWh. for the South District. This is an increase from the currently approved COPA surcharge of $0.04034/kWh for the North District.

Table 1A shows the effect of the proposed changes on a sample bill for a residential customer with Secondary Service for usage of 650 kWh for the South District.

TABLE 1A

Sample Residential Customer with Secondary Service Billing - 650/kWh Usage				
Line	Description	Current Rates	Proposed Rates	Change from Current Rate
1	Fuel Cost Adjustment Factor	$ 0.04365	$ 0.03994	$ (0.00371)
2	Purchased Power Cost Adjustment Factor	0.02289	0.00596	(0.01693)
3	Fire Island Wind Adjustment Factor	0.00203	0.00176	(0.00027)
4	Total COPA Surcharge	$ 0.06857	$ 0.04766	(0.02091)
	650 kWh Residential Customer Bill			
5	Customer Charge	$ 8.00	$ 8.00	-
6	Energy @ $0.13362/kWh	86.85	86.85	-
7	RCC @ 0.000654/kWh	0.43	0.43	-
8	BRU Contributed Capital Surcharge	-	9.73	9.73
9	COPA Surcharge	44.57	30.98	(13.59)
10	Total Customer Bill	$ 139.85	$ 135.99	$ (3.86)

Table 1B shows the effect of the proposed changes on a sample bill for a residential customer with Secondary Service for usage of 650 kWh for the North District.

[10] *See* side-by-side Tariff Sheet No. 70, attached as BA-1, at line e.6.D. *See also* side-by-side Tariff Sheet No. 94.1.1, attached as BA-2, at line e.6.D.

TABLE 1B

Sample Residential Customer with Secondary Service Billing - 650/kWh Usage				
Line	Description	Current Rates	Proposed Rates	Change from Current Rate
1	Fuel Cost Adjustment Factor	$ 0.04034	$ 0.03994	$ (0.00040)
2	Purchased Power Cost Adjustment Factor	-	0.00596	0.00596
3	Fire Island Wind Adjustment Factor	-	0.00176	0.00176
4	Total COPA Surcharge	$ 0.04034	$ 0.04766	0.00732
	650 kWh Residential Customer Bill			
5	Customer Charge	$ 13.62	$ 13.62	-
6	Energy @ $0.15274/kWh	99.28	99.28	-
7	RCC @ 0.000654/kWh	0.43	0.43	-
8	RRR Account Rebate	-	(7.54)	(7.54)
9	BRU Contributed Capital Rebate	-	(11.06)	(11.06)
10	COPA Surcharge	26.22	30.98	4.76
11	Total Customer Bill	$ 139.55	$ 125.70	$ (13.85)

Factors that may affect the calculation of Chugach's COPA include the previous period's ending balancing account balance, generation efficiency, projected power costs, and variances in credits for revenue offsets.[11] Changes in these factors frequently offset each other. Any factor that increases the average cost per kWh sold will put upward pressure on the COPA surcharge and any factor that decreases the average cost per kWh sold will put downward pressure on the surcharge. The proposed decrease in Chugach's COPA is primarily driven by:

1) The projected net fuel costs increased from $17,343,152 to $24,032,640,[12] the projected net purchased power costs increased from $4,083,530 to $4,341,475,[13] and the projected Fire Island Wind cost differential increased from $582,848 to $970,129.[14] This results in an increase in the total power costs from $22,009,350 to $29,344,245.[15] This increase in costs places upward pressure on the COPA surcharge.

[11] Revenue from the sales of economy energy to Golden Valley Electric Association, Inc. (GVEA), the margins associated with economy energy sales, wheeling, renewable energy certificates, and gas exchange contribution are passed through Chugach's COPA balancing account as an offset to its fuel and purchased power costs.

[12] *See* side-by-side Tariff Sheet No. 66, attached as BA-1, and Tariff Sheet No. 94, attached as BA-2, at *Net Fuel Expense* line.

[13] *See* side-by-side Tariff Sheet No. 67, attached as BA-1, and Tariff Sheet No. 94.04, attached as BA-2, at *Net Purchased Power Expense* line. Net purchased power expenses are purchased power expenses from Bradley Lake, base FIW renewable resource costs, and other purchases minus credits from renewable energy certificates and wheeling revenue.

[14] *See* side-by-side Tariff Sheet No. 68, attached as BA-1, and Tariff Sheet No. 94.05, attached as BA-2, at *Fire Island Wind Cost Differential* line.

[15] *See* side-by-side Tariff Sheet No. 68, attached as BA-1, and Tariff Sheet No. 94.05, attached as BA-2, at *Fuel & Purch. Costs to be Recovered* line.

2) The projected kWh sales increased from 319,955,300 kWh to 560,377,100 kWh.[16] This increase results in the projected fuel and purchased power costs being spread over a greater number of kWh, placing downward pressure on the COPA surcharge.

3) The actual balancing account balance increased from ($694,882) to $947,283.[17] In the third quarter of 2020, Chugach had fuel and purchased power costs of $16,067,022,[18] and collected $17,034,145 in revenues.[19] Although costs were lower than revenues collected, the balancing account increased as a result of combining the North and South District balancing accounts. This increase in the actual balancing account balance places upward pressure on the projected balancing account balance.

4) The projected balancing account balance decreased from ($1,536,579) to ($2,975,565).[20] The decrease in the projected balancing account balance places downward pressure on the COPA surcharge.

The increase in projected costs places upward pressure on the COPA surcharge; this is offset by the downward pressure from the increase in projected sales and decrease in the projected balancing account balance. The overall result is a decrease to Chugach's COPA.

The revisions proposed in TA380-121 and TA498-8 did not include a change in methodology or new cost element, and as such, Chugach proposed to implement the proposed surcharges on January 1, 2021, in accordance with 3 AAC 52.504(b).[21] Staff has reviewed all information and calculations filed in support of TA380-121 and TA498-8, and verified that Chugach provided all required information. Staff confirmed that the proposed surcharges were calculated accurately using Chugach's approved

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[16] *See* side-by-side Tariff Sheet No. 67, attached as BA-1, and Tariff Sheet No. 94.04, attached as BA-2, at *Predicted Sales at G&T (MWh)* line. The predicted sales at G&T presented on the tariff sheet have been multiplied by 100 to convert from MWh to kWh.

[17] *See* Tariff Sheet No. 95.05 in Side-by-side tariff sheets attached as BA-2, at the *June 30, 2020* and *September 30, 2020* lines.

[18] *See* Tariff Sheet No. 95.05 in Side-by-side tariff sheets attached as BA-2, at the *Fuel and Purchased Power Costs* line.

[19] *See* Tariff Sheet No. 95.05 in Side-by-side tariff sheets attached as BA-2, at the *Fuel and Purchased Power Recovery* line.

[20] *See* side-by-side Tariff Sheet No. 67, attached as BA-1, and Tariff Sheet No. 94.05, attached as BA-2, at *Projected Balances as of December 31, 2020* line.

[21] 3 AAC 52.504(b) states "[a]n electric utility may implement a COPA filing that does not include a new methodology or cost element immediately upon filing with the Commission. The COPA filing is subject to subsequent review, adjustment, and approval by the Commission."

methodology, and the tariff sheets are correct.[22] Therefore, Staff recommends the Commission approve as indicated above.[23]

Other Factors Impacting Chugach's COPA

CINGSA Non-Firm Shared Revenue and Well Maintenance Surcharge

Cook Inlet Natural Gas Storage Alaska, LLC's (CINGSA) tariff provides that well maintenance costs be billed to Firm Storage Service (FSS) customers based on the maximum storage quantity (MSQ) and the maximum daily withdrawal quantity (MDWQ).[24] CINGSA's tariff also requires CINGSA to allocate non-firm revenues to FSS customers based on its MSQ and MDWQ on a monthly basis.[25] Chugach provided copies of the CINGSA invoices with Chugach's share of the non-firm revenues.[26]

Beluga River Unit GTP

On August 26, 2020, Chugach filed TA494-8, proposing a unified GTP methodology. In that filing, Chugach proposed update its methodology to remove the ARO component from its GTP revenue requirement. Chugach also proposed to include an ARO surcharge, similar to the approach used by ML&P. On October 9, 2020, the Commission issued Order No. U-19-085(19)/U-19-091(18)/U-20-071(1), suspending TA494-8 and consolidating the new docket with Docket Nos. U-19-085 and U-19-091. These dockets are currently pending before the Commission. With TA497-8, filed concurrent to TA380-121 and TA498-8, Chugach proposes a GTP of $2.73 per Mcf.[27]

Gas Supply Agreements (GSA)

Chugach currently has four GSAs, all of which allow for the gas to be stored in the Cook Inlet Natural Gas Storage Alaska, LLC (CINGSA).[28]

- Hilcorp Alaska, LLC (Hilcorp), January 2015 through March 2018, extended to March 2028.[29]

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[22] Side-by-side tariff sheets are attached as BA-1 for TA380-121 and BA-2 for TA496-8.

[23] Tariff Sheet Nos. 97.1.4, 97.5.2, and 97.6.1 provides a historical record of COPA amounts. Staff has verified that they accurately reflect the amounts proposed with TA498-8. In addition, Tariff Sheet Nos. 73 (Certificate No. 121) and 94.1.2 (Certificate No. 8) reflect a combined per kWh rate including the RRR Account rebate and the BRU Contributed Capital rebate and surcharge. Staff notes that Chugach will continue to separate the line items on a customer bill, as it has done historically.

[24] *See* CINGSA Tariff Sheet Nos. 83 and 84, effective November 1, 2019.

[25] *Ibid*.

[26] *See* TA498-8 at Attachment B page 8, Attachment C page 9, and Attachment D page 10.

[27] *See* TA497-8, filed November 17, 2020.

[28] Chugach is a Firm Storage Service customer of CINGSA, *see* Letter Order No. L1100561, issued October 24, 2011; Chugach is an Interruptible Storage Service customer of CINGSA, *see* Letter Order No. L1400135, issued March 21, 2014; Chugach participates in gas exchange activity with its contracted CINGSA capacity; *see* Letter Order No. L1300478, issued October 21, 2013.

[29] *See* GSA with Hilcorp for the period of January 2015 through March 2018 (TA377-8) approved in Letter Order No. L1300429, issued September 10, 2013, extended to 2019 with TA391-8 approved in Letter Order No. L1400406, issued September 15, 2016, extended to 2023 with TA408-8 approved in Letter Order No. L1500442, issued September 8, 2015, and extend to 2028 with TA481-8 approved in Letter Order No. L2000085, issued February 28, 2020.

- Cook Inlet Energy (CIE), initially for the period of January 2014 through March 2018[30] and extended through 2023.[31]
- AIX Energy, LLC (AIX), November 3, 2016 through March 24, 2024.[32]
- Furie Operating Alaska, LLC (Furie), for interruptible purchases beginning on May 1, 2017, and terminating on March 31, 2033. The period of the proposed GSA for firm purchases is scheduled to begin on October 1, 2023, and terminate on March 31, 2033.[33]

Gas Storage

Table 2 summarizes Chugach's gas storage activity on volumetric basis for the third quarter of 2020[34] and Table 3 summarizes the monetary value of the gas in storage.[35]

TABLE 2

Volume of Gas in Storage (Mcf)

Month	Purchased	Fuel Gas	Injections	Withdrawals	Balance
Jul-20	148,763	2,678	146,086	14,708	1,886,868
Aug-20	299,963	5,399	294,564	9,018	2,172,414
Sep-20	205,907	3,706	202,201	17,663	2,356,952

TABLE 3

Value of Gas In Storage

Month	Injections	Withdrawals	Balance	Weighted Price
Jul-20	$1,175,882	$114,496	$14,771,644	$7.83
Aug-20	$2,364,152	$74,876	$17,057,553	$7.85
Sep-20	$1,629,999	$145,081	$18,535,973	$7.86

Fire Island Wind

In Order No. U-11-100(5), the Commission allowed payments made to FIW, under a power purchase agreement[36] to be collected though the COPA, requiring disclosure to cooperative members of the actual cost of wind power.[37] Chugach submitted the information to support the methodology and calculation for the FIW purchased power cost

[30] *See* GSA with Cook Inlet Energy, LLC for the period of July 2014 through March 2018 (TA381-8) approved in Letter Order No. L1300531, issued November 25, 2013.

[31] *See* Extension to the GSA with Cook Inlet Energy, LLC (TA438-8), approved in Letter Order No. L1700174, issued May 5, 2017.

[32] *See* GSA with AIX Energy, LLC for the period of July 2016 through March 2024 (TA415-8) approved in Letter Order No. L1600010, issued October 11, 2016.

[33] *See* Firm and Interruptible Gas Sale and Purchase Agreement with Furie Operating Alaska, LLC (TA437-8) approved in Letter Order No. L1700160, issued May 1, 2017.

[34] *See* tariff advice letter for TA498-8, at page 3.

[35] *Id.*, at page 4.

[36] *See* Power Purchase Agreement By and Between Fire Island Wind, LLC as Seller and Chugach Electric Association, Inc. as Buyer, Dated as of September 21, 2011, filed September 23, 2011, with TA335-8.

[37] *See* Order No. U-11-100(5), issued October 10, 2011.

recovery rate calculation. Staff reviewed the estimates for the purchased power expenses and kWh sales in its calculation. Staff summarizes its calculation and effect of the FIW adjustment rate in Table 4.

Table 4 FIW Recovery Calculation Breakdown

Line	Description		Amount
	TOTAL FIW COSTS - Tariff Sheet No. 94.05		
1	Predicted FIW Purchases (kWh)		15,588,487
2	FIW PPA Purchased Power Rate ($/kWh)	$	0.0970
3	Total FIW Costs	$	1,512,083
4	Predicted Retail Sales at Generation & Purchases (kWh)		560,831,237
5	Total FIW Costs per kWh	$	0.002700
	BASE FIW AMOUNT - Tariff Sheet No. 94.05		
6	Retail Avoided Cost at G&T ($/kWh)	$	0.03477
7	Base FIW Renewable Resource Cost (Line 1 x Line 6)	$	541,954
8	Predicted Retail Sales at G&T (kWh)		560,831,237
9	Total Base FIW Amount per kWh ($/kWh)	$	0.00097
	DIFFERENTIAL FIW AMOUNT - Tariff Sheet No. 94.05		
10	Differential FIW Costs (Line 3 - Line 7)	$	970,129
11	Predicted Retail Sales at G&T (kWh)		560,831,237
12	Total Differential FIW Amount per kWh ($/kWh)	$	0.00173
	PRIMARY VOLTAGE - Tariff Sheet No. 94.1		
13	Total Primary kWh Sales at G&T (kWh) - Tariff Sheet No. 94.1		67,994,671
14	FIW Costs (Line 12 x Line 13)	$	117,631
15	Total Primary Sales at Delivery (kWh)		67,506,846
16	FIW $/kWh at Primary Voltage (Line 14 ÷ Line 15)	$	0.00174
	SECONDARY VOLTAGE - Tariff Sheet No. 94.1.1		
17	Total Secondary kWh Sales at G&T (kWh)		478,683,079
18	FIW Costs (Line 12 x Line 17)	$	828,122
19	Total Secondary Sales at Delivery (kWh)		471,709,087
20	FIW $/kWh at Secondary Voltage (Line 14 ÷ Line 15)	$	0.00176

Chugach purchased a total of 8,784 MWh from the FIW project during third quarter 2020. Chugach curtailed 532 MWh during times when resources to offset unexpected wind production were unavailable. Chugach indicates that records show that since inception, the capacity factor of the FIW project has averaged 32 percent. To date Chugach has curtailed approximately 7 percent of the project energy.[38] Table 5 summarizes the FIW MWh Purchased.[39]

[38] *See* tariff advice letter filed with TA498-8, at page 4.

[39] *Id.*, at page 5.

Table 5
Fire Island Wind Summary

Month	Capacity Factor	Real Net Electric Energy Delivered to Chugach	Curtailed (Deemed Energy)	Total Energy (Real + Deemed)
Jul-19	10%	1,321.72	170.65	1,492.37
Aug-19	9%	1,203.23	730.39	1,933.62
Sep-19	20%	2,533.17	589.25	3,122.42
Oct-19	39%	5,145.32	51.53	5,196.85
Nov-19	49%	6,211.32	46.12	6,257.44
Dec-19	47%	6,122.69	6.05	6,128.74
Jan-20	34%	4,397.79	0.01	4,397.80
Feb-20	42%	5,161.28	0.29	5,161.57
Mar-20	25%	3,257.09	0.02	3,257.11
Apr-20	27%	3,469.10	19.87	3,488.97
May-20	28%	3,623.44	137.22	3,760.66
Jun-20	26%	3,305.55	374.99	3,680.54
Jul-20	16%	2,151.57	63.87	2,215.44
Aug-20	24%	3,120.43	74.80	3,195.23
Sep-20	26%	3,291.81	81.77	3,373.58
Total	31.9%	49,257.39	856.54	50,113.88

RRR Rebate (Tariff Sheet Nos. 71 and 93)
The stipulation filed in U-18-102, U-19-020, and U-19-021, and approved in relevant part by Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) (Order No. 44),[40] stated that beginning with Chugach's first COPA filing for the ML&P legacy service area following closing, Chugach shall include a credit to the calculated COPA for ML&P legacy service area customers. Order No. 44 instructed Chugach for the quarterly disbursements for the RRR Account. With TA492-8, Chugach added the methodology for the disbursement of the RRR account.

With TA380-121 and TA498-8, Chugach proposes an RRR Rebate of ($0.01160) per kWh. Staff notes that the rebate only applies to North District customers; however, Chugach lists it in both tariffs. Staff confirmed that the proposed RRR rebate was calculated accurately, using Chugach's approved methodology, and that the tariff sheets are correct. Therefore, Staff recommends the Commission approve Tariff Sheet Nos. 71 and 93.

BRU Contributed Capital Rebate and Surcharge (Tariff Sheet Nos. 72 and 96)
With Order No. 44 the Commission required Chugach to rebate $136 million of the net capital contribution to North District ratepayers, which the Commission determined was

[40] Order No. 44 at 135-139.

more equitable and reasonable than the Restated BRU Agreement filed in the acquisition. That order instructed Chugach to collect a surcharge from its South District customers and disburse a rebate to its North District customer related the BRU contributed capital. Order No. 44 also set out a methodology for the surcharge and rebate.[41] With TA493-8, Chugach added the methodology for the collection of the surcharge and disbursement of the rebate in compliance with Order No. 44.

With TA380-121 and TA498-8, Chugach proposes a BRU Contributed Capital surcharge of $0.01497 per kWh and a BRU Contributed Capital rebate of ($0.01702) per kWh. Staff confirmed that the proposed BRU Contributed Capital surcharge and rebate were calculated accurately, using Chugach's approved methodology, and that the tariff sheets are correct. Therefore, Staff recommends the Commission approve Tariff Sheet Nos. 72 and 96.

SFPPR Decrease (Tariff Sheet Nos. 103 and 97)

Chugach determines separate SFPPRs for the avoided cost at retail primary voltage and retail secondary voltage.[42] The base avoided cost, the avoided cost at generation and transmission (G&T), is calculated by dividing the sum of fuel and purchased power expense (excluding Bradley Lake and FIW) predicted for the next quarter in the determination of fuel and purchased power rates, non-fuel variable operations and maintenance expense, and the balance of the avoided cost balancing account by the kWh sales at G&T as predicted for the next quarter.[43]

To determine the avoided cost at retail primary voltage, Chugach multiplies the avoided cost at G&T by the quotient of retail primary kWh sales at G&T divided by retail primary kWh sales at delivery.[44] To determine the avoided cost at retail secondary voltage, Chugach multiplies the avoided cost at G&T by the quotient of retail secondary kWh sales at G&T divided by retail secondary kWh sales at delivery.[45]

With TA380-121 and TA498-8 Chugach proposes a SFPPR for retail Primary voltage of $0.03502/kWh, a decrease from the currently approved SFPPR of $0.06274/kWh[46] and proposes a SFPPR for retail Secondary voltage of $0.04117/kWh, a decrease from the currently approved SFPPR of $0.06321/kWh.[47] Staff confirmed that the proposed SFPPR was calculated accurately, using Chugach's approved methodology, and that the tariff sheet is correct. Therefore, Staff recommends that the Commission approve Tariff Sheet Nos. 103 and 97.

---

[41] *See* Order No. 44 at pages 101-103.

[42] *See* side-by-side Tariff Sheet No. 97, attached as BA-1.

[43] *Id.,* at lines 1-5.

[44] *Id.,* at lines 7.a-c.

[45] *Id.,* at lines 8.a-c.

[46] *Id.*, at line 7.c.

[47] *Id.*, at line 8.c.

Docket Nos. U-19-085 and U-19-091

On August 28, 2019, Chugach filed TA474-8, proposing to update its GTP. In that filing, Chugach proposed to update its methodology based on updated gas reserve and asset retirement obligation studies. On October 14, 2019, the Commission issued Order No. U-19-085(2)/U-19-091(1) suspending TA474-8 for further investigation and consolidating it with Docket No. U-19-085, the Municipality of Anchorage d/b/a Municipal Light and Power's update to its GTP. With that order, the Commission approved Chugach's GTP on an interim and refundable basis, effective November 1, 2019. In TA488-8, Chugach revised its interim and refundable GTP. On July 28, 2020, the Commission issued Order No. U-19-085(16)/U-19-091(15), suspending TA488-8 and TA489-8 (Chugach's third quarter COPA filing) and approving an updated GTP on an interim and refundable basis, effective July 1, 2020. On August 26, 2020, Chugach filed TA494-8, proposing a unified GTP methodology. On October 9, 2020, the Commission issued Order No. U-19-085(19)/U-19-091(18)/U-20-071(1), suspending TA494-8 and consolidating the new docket with Docket Nos. U-19-085 and U-19-091. These dockets are currently pending before the Commission.

Staff notes that the COPA and SFPPR proposed with TA380-121 and TA498-8 are calculated using the GTP proposed in TA497-8. Therefore, Staff recommends that the Commission suspend TA380-121 into Docket No. U-19-085 and suspend TA498-8 into Docket No. U-19-091.

CONCLUSION

With TA380-121 and TA498-8, Chugach requests approval of its revised COPA surcharges and SFPPR rates for the period beginning January 1, 2021. Staff has verified the proposed surcharges and rates were calculated accurately using Chugach's approved methodologies, the proper support was filed, and the tariff sheets are correct. Therefore, Staff recommends the Commission:

1. Suspend TA380-121 into Docket No. U-19-085.
2. Suspend TA498-8 into Docket No. U-19-091.
3. Approve the COPA surcharges and SFPPRs on an interim and refundable basis, effective January 1, 2021.
4. Approve Tariff Sheet Nos. 66, 67, 69 through 73, and Tariff Sheet No. 103, filed November 17, 2020, and Tariff Sheet No. 68, filed December 8, 2020, by Chugach in TA380-121. The effective date of the tariff sheets should be January 1, 2021.
5. Approve Tariff Sheet Nos. 93, 94, 94.04, 94.05, 94.1, 94.1.1, 94.1.2, 95, 95.04, 95.05, 95.5, 96 97, 97.1.4, 97.5.2, and 97.6.1, filed November 17, 2020, by Chugach with TA498-8. The effective date of the tariff sheets should be January 1, 2021.

Signature: Robert M Pickett

Email: bob.pickett@alaska.gov

Signature: Antony Scott
Antony Scott (Dec 21, 2020 09:11 AKST)

Email: antony.scott@alaska.gov

Signature: Stephen McAlpine
Stephen McAlpine (Dec 18, 2020 11:13 AKST)

Email: stephen.mcalpine@alaska.gov

Signature: Daniel Sullivan
Daniel Sullivan (Dec 21, 2020 12:27 AKST)

Email: daniel.sullivan@alaska.gov

Signature: Jan Wilson
Jan Wilson (Dec 21, 2020 13:18 AKST)

Email: janis.wilson@alaska.gov

APUC No. 121 First Revision Sheet No. 66

Cancelling

Original Sheet No. 66

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MUNICIPAL LIGHT & POWER

RESERVED

Tariff Advice No. 197-121 Effective: April 15, 1994

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: Thomas R. Stahr TITLE: General Manager

RCA No. 121 Original Sheet No. 66

Canceling Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 04 2020 RCA

F. Determination of Cost of Power Adjustment: (Methodology)

(1) Estimated Costs of Fuel and Purchased Power for the Quarter Beginning _____:

	Est. Quantities (A)	Avg Cost/Mcf (B)	Total = (A *B) (C)
Sources			
a) Natural Gas			
Stored Gas	_____Mcf	$ _____ /Mcf	$ _____
Hilcorp	_____Mcf	$ _____ /Mcf	$ _____
CEA	_____Mcf	$ _____ /Mcf	$ _____
ConocoPhilips	_____Mcf	$ _____ /Mcf	$ _____
Cook Inlet Energy	_____Mcf	$ _____ /Mcf	$ _____
AIX Energy	_____Mcf	$ _____ /Mcf	$ _____
Furie	_____Mcf	$ _____ /Mcf	$ _____
Chugach	_____Mcf	$ _____ /Mcf	$ _____
Total Natural Gas	_____Mcf	$ _____ /Mcf	$ _____
Gas Storage Reservation	_____Mcfd	$ _____ /Mcfd	$ _____
Gas Storage Capacity	_____Mcf	$ _____ /Mcf	$ _____
Transportation (Variable)	_____Mcf	$ _____ /Mcf	$ _____
b) Purchase Power:			
Bradley Lake	_____MWh		$ _____
Bradley Wheeling	_____MWh	$ ____ /MWh	$ _____
Bradley Capacity	_____MWh	$ ____ /MWh	$ _____
Spinning Reserve[1]	_____MWh	$ ____ /MWh	$ _____
c) Fuel Oil:	_____GAL	$ ____ /GAL	$ _____
d) Intertie Expense:			$ _____
e) Economy Energy Purchase	_____MWh	$ ____ /MWh	$ _____
f) Cogen/Small Power Purch	_____MWh	$ ____ /MWh	$ _____

Total Cost of Fuel and Purchased Power [Total of a) through f), above] $ _____

(2) Profits From Economy Energy Sales: ($ _____)

(3) Cost of Power Clearing Account Balance:

Actual Balance as of ____/____/____ $ _____

Estimated Balance as of ____/____/____ Under (Over) Recovery $ _____

(5) Estimated Retail Sales (kWh) _____ kWh

(6) Average Cost of Power [(4) / (5)] $ _____/kWh

(7) Base Cost of Power $ _____/kWh

(8) Cost of Power Adj [(6) - (7)] $ _____/kWh

[1] 2011 Intertie Agreement

Tariff Advice No. Issued by: Effective:

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

RCA No. 121 1st Revision Sheet No. 66

Canceling Original Sheet No. 66

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 17 2020 RCA

COST OF POWER ADJUSTMENT FACTORS AT G&T POST ACQUISITION D, N

e.1. Fuel Adjustment Factor: Predicted Costs for the quarter beginning January 1, 2021

	Total	Retail	Seward
Natural Gas Fuel Expense by Contract			
AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0
BRU	$4,540,716	$4,426,616	$114,099
Cook Inlet Energy (2014-3/2023)	$0	$0	$0
Furie (5/2017-33/2033)	$0	$0	$0
Hilcorp Alaska, LLC (1/2015-3/2028)	$11,854,581	$11,556,699	$297,882
Other Fuel Expenses			
Emergency Generator and Other Misc. Fuel	$0	$0	$0
CINGSA - FSS, ISS and Fees	$1,095,805	$1,068,270	$27,535
CINGSA - Gas Withdrawn	$5,178,389	$5,048,266	$130,123
Gas Transportation and Compression	$2,229,424	$2,173,403	$56,021
	$24,898,915	$24,273,254	$625,661
Less Credits			
Economy Sales: Fuel and Margins	($353,290)	($344,412)	($8,877)
Wheeling Revenue	($325,359)	($317,183)	($8,176)
AWWU Water Sales	($105,000)	($102,362)	($2,638)
Gas Exchange Revenue	($82,626)	($80,550)	($2,076)
Subtotal	($866,275)	($844,507)	($21,768)
Net Fuel Expense	$24,032,640	$23,428,747	$603,893
Generation & Purchases (MWh)	574,885.3	560,831.2	14,054.0
Cost per MWh at Generation	$41.80	$41.78	$42.97
Projected Balances as of December 31, 2020	($1,913,870)	($1,913,870)	$0
Fuel Expense to be Recovered at G&T	$22,118,771	$21,514,877	$603,893
Predicted Sales at G&T (MWh)	560,377.1	546,677.7	13,699.4
Fuel Adjustment Factor per kWh at G&T	$0.03947	$0.03936	----*

*Not calculated. Seward is billed for actual cost of power on a monthly basis. D, N

D = Sheet 66, Original

Tariff Advice No. 380-121 Issued by: Effective: January 1, 2021

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

APUC No. 121 First Revision Sheet No. 67

Cancelling

Original Sheet No. 67

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MUNICIPAL LIGHT & POWER

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Tariff Advice No. 197-121 Effective: April 15, 1994

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: Thomas R. Stahr TITLE: General Manager

RCA No. 121 Original Sheet No. 67

Canceling Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 04 2020 RCA

G. Determination of Base Cost of Power:

Base Cost of Power is $0.00000/kWh

Tariff Advice No. Issued by: Effective:

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

RCA No. 121 1st Revision Sheet No. 67

Canceling Original Sheet No. 67

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 17 2020 RCA

COST OF POWER ADJUSTMENT FACTORS AT G&T
POST ACQUISITION (CONTINUED) D, N

e.2. Purchased Power Adjustment Factor: Predicted costs for the quarter beginning January 1, 2021

Description	Total	Retail	Seward
Purchased Power Expense			
Bradley Lake Purchases	$2,825,142	$2,754,152	$70,990
Base FIW Renewable Resource Cost	$1,512,083	$1,512,083	$0
Non-Utility Generation	$0	$0	$0
Pooling Agreement - MEA	$0	$0	$0
Other Purchases	$124,011	$120,895	$3,116
Subtotal	$4,461,236	$4,387,130	$74,106
Less Purchased Power Credits			
Renewable Energy Certificates	$0	$0	$0
Wheeling and Economy Revenue	($119,762)	($116,752)	($3,009)
Subtotal	($119,762)	($116,752)	($3,009)
Net Purchased Power Expense	$4,341,475	$4,270,378	$71,097
Generation & Purchases (MWh)	574,885	560,831	14,054
Cost per MWh at Generation	$7.55	$7.61	$5.06
Projected Balances as of December 31, 2020	($1,061,695)	($1,061,695)	$0
Purchased Power Expense to be Recovered	$3,279,780	$3,208,683	$71,097
Predicted Sales at G&T (MWh)	560,377.1	546,677.7	13,699.4
Purchased Power Adjustment Factor per kWh at G&T	$0.00585	$0.00587	----*

* Not calculated. Seward is billed for cost of power on a monthly basis. D, N

D = Sheet 67, Original

Tariff Advice No. 380-121 Issued by: Effective: January 1, 2021

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

APUC No. 121 First Revision Sheet No. 69

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Original Sheet No. 69

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MUNICIPAL LIGHT & POWER

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Tariff Advice No. 197-121 Effective: April 15, 1994

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: Thomas R. Stahr TITLE: General Manager

RCA No. 121 Original Sheet No. 69

Canceling Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 04 2020 RCA

J. Determination of COPA for Service at Primary Voltage (COPAprimary) and COPA for Service at Secondary Voltage (COPAsecondary):

(1) Primary Loss Factor: _____

(2) Secondary Loss Factor: _____

(3) Sales at Primary Voltage *(prior quarter)*: _____

(4) Sales at Secondary Voltage *(prior quarter)*: _____

(5) Total Sales [(3) + (4)]: _____

(6) Feeder Input for Sales at Primary Voltage [(3) / (1 - (1))]: _____

(7) Feeder Input for Sales at Secondary Voltage: [(4) / (1 - (2))]: _____

(8) Total Feeder Input [(6) + (7)]: _____

(9) COPA Normalization Factor [(5) / (8)]: _____

(10) COPAprimary [(COPA * (9) / (1 - (1))]: _____

(11) COPAsecondary [COPA * (9) / (1 – (2))]: _____

Tariff Advice No. Issued by: Effective:

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

RCA No. 121 1st Revision Sheet No. 69

Canceling Original Sheet No. 69

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 17 2020 RCA

COST OF POWER ADJUSTMENT FACTORS
POST ACQUISITION AT RETAIL DELIVERY: PRIMARY SERVICE D, N

e.5. Chugach retail cost of power adjustment factors for rates effective January 1, 2021

1. Total Chugach Retail Fuel and Purchased Power Cost Recovery		$25,693,690
2. Retail Fuel Adjustment Factor per kWh at G&T	$0.03936	
3. Retail Purchased Power Adjustment Factor per kWh at G&T	$0.00587	
4. Fire Island Wind Adjustment Factor per kWh at G&T	$0.00173	
5. Chugach Retail Service at Primary Voltage		
A. Fuel Adjustment Factor		
a) Primary kWh Sales at G&T	67,994,670.5	
b) Fuel Cost Recovery - Primary Voltage	$2,676,270	
c) Primary kWh Sales at Delivery	67,506,846.1	
d) Fuel Adjustment Factor per kWh at Primary		$0.03964
(Percent Primary Distribution Losses at G&T: 0.72%)		
B. Purchased Power Adjustment Factor		
a) Primary kWh Sales at G&T	67,994,670.5	
b) Purchased Power Cost Recovery - Primary Voltage	$399,129	
c) Primary kWh Sales at Delivery	67,506,846.1	
d) Purchased Power Adj. Factor per kWh at Primary		$0.00591
C. Fire Island Wind Renewable Energy Adjustment Factor		
a) Primary kWh Sales at G&T	67,994,670.5	
b) FIW Cost Differential - Primary Voltage	$117,631	
c) Primary kWh Sales at Delivery	67,506,846.1	
d) FIW Renewable Energy Adj. Factor per kWh at Primary		$0.00174
D. Total Retail Service at Primary Voltage Delivery		$0.04729 D, N

D = Sheet 69, Original

Tariff Advice No. 380-121 Issued by: Effective: January 1, 2021

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

APUC No. 121 First Revision Sheet No. 70

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Original Sheet No. 70

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MUNICIPAL LIGHT & POWER

RESERVED

Tariff Advice No. 197-121 Effective: April 15, 1994

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

By: Thomas R. Stahr TITLE: General Manager

RCA No. 121 Original Sheet No. 70

Canceling Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 04 2020 RCA

J. Determination of COPA for Service at Primary Voltage (COPAprimary) and COPA for Service at Secondary Voltage (COPAsecondary):

(1)	Primary Loss Factor:	0.0025
(2)	Secondary Loss Factor:	0.0196
(3)	Sales at Primary Voltage *(quarter ending June 2020)*:	52,368,825
(4)	Sales at Secondary Voltage *(quarter ending June 2020)*:	157,921,198
(5)	Total Sales [(3) + (4)]:	210,290,023
(6)	Feeder Input for Sales at Primary Voltage [(3) / (1 - (1))]:	52,500,075
(7)	Feeder Input for Sales at Secondary Voltage: [(4) / (1 - (2))]:	161,078,333
(8)	Total Feeder Input [(6) + (7)]:	213,578,409
(9)	COPA Normalization Factor [(5) / (8)]:	0.98460
(10)	COPAprimary [(COPA * (9) / (1 - (1))]:	0.03965
(11)	COPAsecondary [COPA * (9) / (1 – (2))]:	0.04034

Tariff Advice No. Issued by: Effective:
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA No. 121 1st Revision Sheet No. 70

Canceling

Original Sheet No. 70

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 17 2020 RCA

COST OF POWER ADJUSTMENT FACTORS
POST ACQUISITION AT RETAIL DELIVERY: SECONDARY SERVICE D, N

e.6. Chugach retail cost of power adjustment factors for rates effective January 1, 2021

6. Chugach Retail Service at Secondary Voltage

A. Fuel Adjustment Factor

a) Secondary kWh Sales at G&T	478,683,079.4	
b) Fuel Cost Recovery - Secondary Voltage	$18,840,966	
c) Secondary kWh Sales at Delivery	471,709,086.5	
d) Fuel Adjustment Factor per kWh at Secondary		$0.03994
(Percent Secondary Distribution Losses at G&T: 1.46%)		

B. Purchased Power Adjustment Factor

a) Predicted Secondary kWh Sales at G&T	478,683,079.4	
b) Purchased Power Cost Recovery - Secondary Voltage	$2,809,870	
c) Predicted Secondary kWh Sales at Delivery	471,709,086.5	
d) Purchased Power Adj. Factor per kWh at Secondary		$0.00596

C. Fire Island Wind Renewable Energy Adjustment Factor

a) Predicted Secondary kWh Sales at G&T	478,683,079.4	
b) FIW Cost Differential - Secondary Voltage	$828,122	
c) Predicted Secondary kWh Sales at Delivery	471,709,086.5	
d) FIW Renewable Energy Adj. Factor per kWh at Secondary		$0.00176

D. Total Retail Service at Secondary Voltage Delivery $0.04766 D, N

D = Sheet 70, Original

Tariff Advice No. 380-121 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA No. 121 | 3rd Revision | Sheet No. 71
Canceling
2nd Revision | Sheet No. 71

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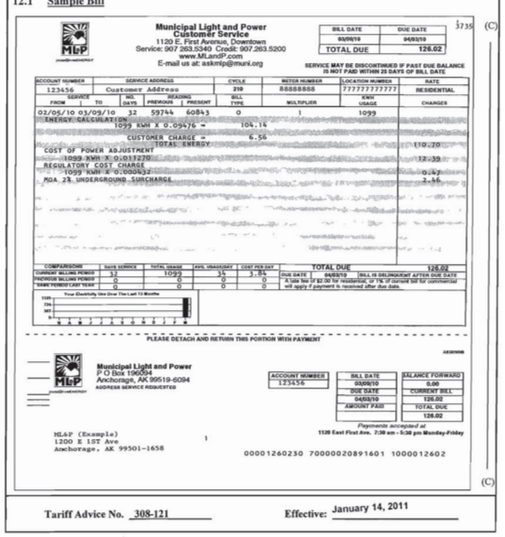
REGULATORY COMMISSION OF ALASKA

MUNICIPAL LIGHT & POWER

12.1 Sample Bill



Municipal Light and Power
Customer Service
1120 E. First Avenue, Downtown
Service: 907.263.5240 Credit: 907.263.5200
www.MLandP.com
E-mail us at: askmlp@muni.org

BILL DATE	DUE DATE
03/09/10	04/03/10
TOTAL DUE	126.02

SERVICE MAY BE DISCONTINUED IF PAST DUE BALANCE IS NOT PAID WITHIN 25 DAYS OF BILL DATE

ACCOUNT NUMBER	SERVICE ADDRESS	CYCLE	METER NUMBER	LOCATION NUMBER	RATE
123456	Customer Address	210	88888888	777777777777	RESIDENTIAL

SERVICE FROM	TO	NO. DAYS	READING PREVIOUS	READING PRESENT	BILL TYPE	MULTIPLIER	KWH USAGE	CHARGES
02/05/10	03/09/10	32	59744	60843	0	1	1099	

ENERGY CALCULATION
1099 KWH X 0.09476 = 104.14
CUSTOMER CHARGE = 6.56
TOTAL ENERGY 110.70
COST OF POWER ADJUSTMENT
1099 KWH X 0.011278 12.39
REGULATORY COST CHARGE
1099 KWH X 0.00043 0.47
MOA 2% UNDERGROUND SURCHARGE 2.46

COMPARISONS	DAYS SERVICE	TOTAL USAGE	AVG. USAGE/DAY	COST PER DAY
CURRENT BILLING PERIOD	32	1099	34	3.84
PREVIOUS BILLING PERIOD	0	0	0	0
SAME PERIOD LAST YEAR	0	0	0	0

TOTAL DUE 126.02

DUE DATE	PAYMENTS	BILL IN DELINQUENT AFTER DUE DATE
04/03/10		A late fee of $2.00 for residential, or 1% (of current bill for commercial) will apply if payment is received after due date.

Your Electricity Use Over The Last 13 Months

PLEASE DETACH AND RETURN THIS PORTION WITH PAYMENT

Municipal Light and Power
P O Box 196604
Anchorage, AK 99519-6094
ADDRESS SERVICE REQUESTED

ACCOUNT NUMBER	BILL DATE	BALANCE FORWARD
123456	03/09/10	0.00
	DUE DATE	CURRENT BILL
	04/03/10	126.02
	AMOUNT PAID	TOTAL DUE
		126.02

Payments accepted at
1120 East First Ave. 7:30 am - 5:30 pm Monday-Friday

MLAP (Example)
1200 E 1ST Ave
Anchorage, AK 99501-1658

00001260230 70000020891601 1000012602

Tariff Advice No. 308-121 Effective: January 14, 2011

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: James M. Posey Title: General Manager

RCA No. 121 | Original | Sheet No. 71
Canceling | Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 04 2020 RCA

GAS COST RATE ADJUSTMENT HISTORY

DATE	GCRA
August 1, 1979	0.1656
September 1, 1979	0.2399
October 1, 1979	0.1548
November 1, 1979	0.0484
December 1, 1979	-0-
January 1, 1980	(0.0102)
February 1, 1980	0.0873
March 1, 1980	0.1066
April 1, 1980	0.1044
May 1, 1980	0.0805
June 1, 1980	0.1540
July 1, 1980	0.1915
August 1, 1980	0.0598
September 1, 1980	0.0493
October 1, 1980	0.0806
November 1, 1980	0.0494
December 1, 1980	0.1270
January 1, 1981	0.3480
February 1, 1981	0.2078
March 1, 1981	0.2059
April 1, 1981	0.3097
May 1, 1981	0.3553
June 1, 1981	0.3599
July 1, 1981	0.3656
August 1, 1981	0.3644
September 1, 1981	0.1955
October 1, 1981	0.1948
November 1, 1981	0.1907
December 1, 1981	0.1846
January 1, 1982	0.0017
February 1, 1982	0.0016
March 1, 1982	0.0016
April 1, 1982	0.0015
May 1, 1982	0.0015
June 1, 1982	0.0014
July 1, 1982	(0.0240)
August 1, 1982	(0.0241)
September 1, 1982	(0.0239)
October 1, 1982	(0.0237)
November 1, 1982	0.0318
December 1, 1982	0.0320
January 1, 1983	0.0328
February 1, 1983	0.5562
March 1, 1983	0.5610

Tariff Advice No. Issued by: Effective:
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA No. 121 | 1st Revision | Sheet No. 71
Canceling
Original | Sheet No. 71

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 17 2020 RCA

Restricted Rate Reduction Account Rebate D, N

The Restricted Rate Reduction (RRR) account rebate returns $36 million from the Municipality of Anchorage.[1] The RRR account rebate is returned to North District members in approximately equal dollar amounts over a targeted 36-month period beginning January 1, 2021 and continues until the RRR account balance is depleted. Because the RRR account rebate is determined by projected sales and incorporates a balancing account, the actual return of the RRR account rebate may be shorter or longer than 36-months. In addition to the initial RRR account balance of $36 million, all interest earned on account balances is included in the rebate amounts.

The RRR rebate is adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings.

A. Applicability

The rebate is applicable to all North District members.

B. RRR Account Rebate Balancing Account

Chugach shall maintain a balancing account for the RRR account rebate to North District members. The North District balancing account begins with a credit balance of $36,000,000 on October 30, 2020. Beginning January 1, 2021, the account is reduced monthly by the rebate amount. The rebate amount shall include all interest earned on account balances.

C. Rebate

North District customer billings will be adjusted on a quarterly basis to reflect changes in the rebate amounts.

Restricted Rate Reduction Account Rebate: ($0.01160) per kWh

[1] See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020. D, N

D = Sheet 71, Original

Tariff Advice No. 380-121 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA No. 121 — 4th Revision — Sheet No. 72
Canceling
3rd Revision — Sheet No. 72

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SEP 30 2010
STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

MUNICIPAL LIGHT & POWER

12.1 Sample Bill (Cont'd)

(C)

Municipal Light & Power — *Payments accepted at*
1120 East First Ave. 7:30 am - 5:30 pm Monday- Friday

Anchorage Water & Wastewater Utility
3000 Arctic Blvd. 7:30 am - 5:30 pm Monday - Friday

Paying Your Bill
Please pay your bill by the due date printed on the front. This date does not extend the date that any previous balance was due. To maintain satisfactory credit, there can be no more than two past due payments in any 12-month period.

If you cannot pay your bill by the due date, please contact our Credit Department. ML&P will consider payment arrangements appropriate to individual circumstances. Possible sources of financial assistance for residential customers are listed below.

Agencies For Assistance

State of Alaska
Heating Assistance Program
400 Willoughby Avenue, Suite 301
Juneau, AK 99801-1700
(907) 465-3058
(800) 470-3058

Catholic Social Services
3710 E 20th Ave.
Anchorage, AK 99508
(907) 276-5580

Delinquent Bills
ML&P may discontinue service after giving notice if you have not paid your bill or have failed to re-establish credit. If your service is disconnected for non-payment, you will be required to pay all bills outstanding and a reconnect charge. A deposit may also be necessary before service is restored.

Disputed Bills
If you have any questions regarding your current bill, please call our Customer Service office listed above. We may not be able to respond to requests written on the remittance. Please use a separate sheet of paper and include your name, address, phone and account numbers and briefly state your question. We will respond to your concern within 30 days of receipt of your letter. If you believe billing procedures you feel ML&P's policies have not been followed correctly, you may contact the Regulatory Commission of Alaska, 701 W 8th Ave, Ste 300, Anchorage, Alaska or by telephone locally at 276-6222 or outside the Anchorage area, 1-800-390-0782.

Moving?
Please notify ML&P at least five days in advance when requesting a disconnection of service. A customer may be held responsible for all services provided at the premise until the date of termination.

5 Dial — 4 Dial
2 3 4 5 7

How To Read Your Meter
Each number shown on the above dial or digital displays represents the respective number place. When a pointer is between two numbers or exactly on a number, record the lower number. Subtract the previous reading from the current reading and you can calculate the kilowatt-hours you have used.

Definitions
KWH: This abbreviation stands for kilowatt-hour, a standard measure of electricity. To determine kWh used: watts X hours of use / 1000 = kWh. Fix example: 100 watt lamp X 20 hours = 2000. 2000 / 1000 = 2 kWh.

Demand Billed: The demand billed shall be the greater of: (a) the demand read times your multiplier which shows the largest load your service required for any 15-minute period during this billing cycle or (b) 80% of the maximum demand recorded during the preceding 11 months.

Multiplier: A number by which your meter reading is multiplied to determine actual kilowatt demand and kilowatt-hours used.

Cost of Power Adjustment: A billing adjustment reflecting fluctuations in ML&P's cost of generation and purchased power (cost of power). This adjustment is the difference between the per kilowatt-hour cost of power that is included as part of the regular energy charge and ML&P's current cost of power.

Regulatory Cost Charge: ML&P collects a utility tax for the Regulatory Commission of Alaska. This charge is calculated per unit of kilowatt hours used.

Customer Charge: A flat charge designed to recover costs associated with meter reading, billing and collections, and maintenance of meters.

Bill Type: 0 Regular, 1 Estimated, 2 Minimum Estimated, 3 Minimum, 4 Final, 5 Prorated, 6 Prorated Minimum, 7 Budget, 8 Contract

Other Services — *Payment Options*

LANDLORD AGREEMENTS
LETTER OF CREDIT
TRADE-UP WINDOW
TRADE-A-TREE

ELECTRONIC FUNDS TRANSFER
VISA/MASTERCARD
WIDGET MILLING
DEBIT CARDS

CHANGE OF MAILING ADDRESS:

ZIP: PHONE:

MUNICIPAL LIGHT AND POWER
PO BOX 196094
ANCHORAGE AK 99519-6094

(C)

Tariff Advice No. 308-121 — Effective: January 14, 2011

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: James M. Posey — Title: General Manager

RCA No. 121 — Original — Sheet No. 72
Canceling — Sheet No.

CHUGACH — POWERING ALASKA'S FUTURE

TARIFF SECTION
RECEIVED
NOV 04
2020
RCA

Chugach Electric Association, Inc.

GAS COST RATE ADJUSTMENT HISTORY

DATE	GCRA
April 1, 1983	0.5597
May 1, 1983	0.5567
June 1, 1983	0.5501
July 1, 1983	0.5404
August 1, 1983	0.6180
September 1, 1983	0.6380
October 1, 1983	0.6609
November 1, 1983	0.6826
December 1, 1983	0.6567
January 1, 1984	0.6583
February 1, 1984	0.6458
March 1, 1984	0.6249
April 1, 1984	0.6204
May 1, 1984	0.5552
June 1, 1984	0.5555
July 1, 1984	0.5554
August 1, 1984	0.5631
September 1, 1984	0.5581
October 1, 1984	0.8062
November 1, 1984	0.7872
December 1, 1984	0.7824
January 1, 1985	0.7834
February 1, 1985	0.7968
March 1, 1985	0.7823
April 1, 1985	0.8127
May 1, 1985	0.8264
June 1, 1985	0.8365
July 1, 1985	0.8407
August 1, 1985	0.8424
September 1, 1985	0.8326
October 1, 1985 *	0.6926
November 1, 1985	0.8441
December 1, 1985	0.8367
January 1, 1986 *	0.8012
February 1, 1986	1.1049
March 1, 1986 *	1.1068
April 1, 1986	1.1080
May 1, 1986	1.2228
June 1, 1986	1.2554

FUEL AND PURCHASED POWER COST ADJUSTMENT

DATE	FPPCA
August 1, 1986 - October 30, 1986	1.520¢/kWh
November 1, 1986 - March 31, 1987	1.656¢/kWh
April 1, 1987 - June 30, 1987	0.860¢/kWh
July 1, 1987 - September 30, 1987	0.839¢/kWh
October 1, 1987 - December 31, 1987	0.807¢/kWh
January 1, 1988 - March 31, 1988	1.162¢/kWh
April 1, 1988 - June 30, 1988	0.961¢/kWh
July 1, 1988 - September 31, 1988	0.609¢/kWh
October 1, 1988 - December 31, 1988	1.450¢/kWh
January 1, 1989 - March 31, 1989	2.133¢/kWh

* Includes Refund to Customers Pursuant to Docket U-84-1

Tariff Advice No. — Issued by: Chugach Electric Association, Inc. P.O. Box 196300 Anchorage, Alaska 99519-6300 — Effective:

RCA No. 121 — 1st Revision — Sheet No. 72
Canceling — Original — Sheet No. 72

CHUGACH — POWERING ALASKA'S FUTURE

TARIFF SECTION
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2020
RCA

Chugach Electric Association, Inc.

Beluga River Unit Contributed Capital Surcharge and Rebate D, N

The Beluga River Unit Contributed Capital (BRU Contributed Capital) adjustment process governs the collection of funds through a surcharge assessed to South District customers and the disbursement of funds to North District customers through a rebate over a targeted 120-month period, beginning January 1, 2021.[1] The BRU Contributed Capital adjustment mechanism reconciles historical contributions and future ratepayer benefit between customers served in the South District and North District in the amount of $176,129,122, or $136,002,239 on a present value basis (10 years, 5% interest rate).

BRU Contributed Capital surcharge and rebate amounts are adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings. Because the surcharge and rebate amounts are determined by projected sales and incorporate balancing accounts, the actual life of the BRU Contributed Capital adjustment process may be shorter or longer than the 120-month period.

A. Applicability

The surcharge is applicable to all South District members and the rebate is applicable to all North District members.

B. BRU Contributed Capital Balancing Accounts

Chugach shall maintain a BRU Contributed Capital surcharge balancing account for South District members and a BRU Contributed Capital rebate balancing account for North District members. The South District balancing account starts with a debit balance of $176,129,122 reflecting amounts due from the South District members. The North District balancing account starts with a credit balance of $176,129,122 reflecting the amount to be rebated. Each account will be reduced monthly by the amount of the surcharge collected and rebate returned to the members.

C. Surcharge and Rebate Amounts

Customer billings will be adjusted on a quarterly basis to reflect changes in surcharge and rebate amounts.

South District BRU Contributed Capital Surcharge: $0.01497 per kWh

North District BRU Contributed Capital Rebate: ($0.01702) per kWh

[1] See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020. D, N

D = Sheet 72, Original

Tariff Advice No. 380-121 — Issued by: Chugach Electric Association, Inc. P.O. Box 196300 Anchorage, Alaska 99519-6300 — Effective: January 1, 2021

RCA No. 121 | 4th Revision | Sheet No. 73
Canceling
3rd Revision | Sheet No. 73

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SEP 30 2010
STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

MUNICIPAL LIGHT & POWER

12.2 Disconnect Notice (T)

(C)

(C)

Tariff Advice No. 308-121 Effective: January 14, 2011

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: James M. Posey Title: General Manager

RCA No. 121 | Original | Sheet No. 73
Canceling | Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 04 2020 RCA

FUEL AND PURCHASED POWER COST ADJUSTMENT

DATE	COPA
April l, 1989 - June 30, 1989	2.046¢/kWh
July l, 1989 – June 30, 1990	1.832¢/kWh
July l, 1990 – September 30, 1990	1.357¢/kWh
October 1, 1990 – December 31, 1990	0.336¢/kWh
January 1, 1991 - March 31, 1991	1.406¢/kWh
April l, 1991 - June 30, 1991	1.253¢/kWh
July l, 1991 – September 30, 1991	1.220¢/kWh
October 1, 1991 – November 30, 1991	0.704¢/kWh
December 1, 1991 - March 31, 1992	0.454¢/kWh
April 1, 1992 - June 30, 1992	0.595¢/kWh
July 1, 1992 – September 30, 1992	0.783¢/kWh
October 1, 1992 – December 31, 1992	0.460¢/kWh
January 1, 1993 - March 1993	0.451¢/kWh
April l, 1993 - June 30, 1993	0.679¢/kWh
July 1, 1993 – September 30, 1993	0.590¢/kWh
October 1, 1993 – December 31, 1993	0.489¢/kWh
January 1, 1994 - March 31, 1994	0.284¢/kWh
April 1, 1994 – June 30, 1994	0.290¢/kWh
July 1, 1994 – September 30, 1994	0.310¢/kWh
October 1, 1994 – December 31, 1994	0.419¢/kWh
January 1, 1995 - March 31, 1995	0.424¢/kWh
April 1, 1995 - April 30, 1995	0.427¢/kWh
May 1, 1995 - June 30, 1995	(0.342¢)/kWh
July 1, 1995 - September 30, 1995	(0.309¢)/kWh
October 1, 1995 – December 31, 1995	(0.491¢)/kWh
January 1, 1996 - March 31, 1996	(0.267¢)/kWh
April 1, 1996 - June 30, 1996	(0.226¢)/kWh
July 1, 1996 - September 30, 1996	(0.342¢)/kWh
October 1, 1996 – December 31, 1996	(0.367¢)/kWh
January 1, 1997 - March 31, 1997	(0.329¢)/kWh
April 1, 1997 – June 30, 1997	(0.285¢)/kWh
July 1, 1997 – December 31, 1997	(0.284¢)/kWh
January 1, 1998 - March 31, 1998	(0.557¢)/kWh
April 1, 1998 – June 30, 1998	(0.552¢)/kWh
July 1, 1998 – September 30, 1998	(0.542¢)/kWh
October 1, 1998 – December 31, 1998	(0.545¢)/kWh
January 1, 1999 - March 31, 1999	(0.551¢)/kWh
April 1, 1999 – June 30, 1999	(0.248¢)/kWh
July l, 1999 - September 30, 1999	(0.258¢)/kWh

Tariff Advice No. Issued by: Effective:
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA No. 121 | 1st Revision | Sheet No. 73
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CHUGACH POWERING ALASKA'S FUTURE

Chugach Electric Association, Inc.

TARIFF SECTION RECEIVED NOV 17 2020 RCA

COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION
WITH BRU CONTRIBUTED CAPTIAL AND RRR REBATE ADJUSTMENTS D, N

	South District		North District	
	Primary	Secondary	Primary	Secondary
Fuel Rate	$0.03964	$0.03994	$0.03964	$0.03994
Purchased Power Rate	$0.00591	$0.00596	$0.00591	$0.00596
FIW Adj Factor	$0.00174	$0.00176	$0.00174	$0.00176
Subtotal	$0.04729	$0.04766	$0.04729	$0.04766
BRU Contributed Capital	$0.01497	$0.01497	($0.01702)	($0.01702)
Subtotal	$0.06226	$0.06263	$0.03027	$0.03064
RRR Rebate	---		($0.01160)	($0.01160)
Total per kWh Rate	$0.06226	$0.06263	$0.01867	$0.01904

D, N

D = Sheet 73, Original

Tariff Advice No. 380-121 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA No. 121 11th Revision Sheet No. 103

Cancelling

10th Revision Sheet No. 103

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SEP 8 2000

State of Alaska
Regulatory Commission of Alaska

MUNICIPAL LIGHT & POWER

RESERVED FOR FUTURE USE

D

D

Tariff Advice No. 246-121 Effective: September 29, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: Henk Nikkels TITLE: Acting General Manager

RCA No. 121 Original Sheet No. 103

Canceling Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

TARIFF SECTION RECEIVED NOV 04 2020 RCA

Chugach Electric Association, Inc.

SCHEDULE 500
COGENERATION AND SMALL POWER PRODUCTION
CONTRACT SERVICE

Applicable To:

Any person or entity who owns a qualifying facility (QF) within Chugach's service area. This schedule is limited to cogeneration facilities or small power production facilities with a capacity of 100 KW or less and is pursuant to the provisions of the contract signed by the qualifying facility. This schedule is not applicable to breakdown, standby or resale electric service.

Character of Service:

Single or Three-Phase 60 Hertz alternating current at the voltage and phase of Chugach's established distribution system most available to the location of the qualifying facility.

Monthly Rate:

The basic charge for electric service to the qualifying facility as specified in the applicable Chugach tariff.

Rates For Purchase of Energy:

The rates which Chugach will pay for energy supplied to it by the qualifying facility are the estimated average avoided costs (exclusive of the Cost of Power Balance Amount) filed with the Regulatory Commission of Alaska. The following rate for purchase of energy will change concurrently with the power cost adjustment revisions.

The avoided cost for determining the energy rate is calculated as follows:

(1)	Estimated fuel expense, variable operation and maintenance expenses and the energy portion of purchased-power expense for the ensuing quarter beginning 10/1/2020	$9,131,275
(2)	Estimated kWh Sales for the ensuing quarter beginning 10/1/2020	245,711,056
(3)	Energy Power Rate [(1)/(2)]	$0.03716/kWh

Tariff Advice No. Issued by: Effective:
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA No. 121 1st Revision Sheet No. 103

Canceling Original Sheet No. 103

CHUGACH POWERING ALASKA'S FUTURE

TARIFF SECTION RECEIVED NOV 17 2020 RCA

Chugach Electric Association, Inc.

POST ACQUISITION PURCHASE AND SALES RATES FOR QUALIFIED COGENERATION, SMALL POWER PRODUCTION, AND STANDBY/BUYBACK FACILITIES D, N

Available in all territory served by Chugach, or as required pursuant to contractual arrangements under wholesale power sales agreement. Applicable to qualified cogeneration, small power production and standby/buyback facilities of 200 kW or less. The type of service shall be single or three phase 60 hertz at Chugach's standard voltages.

Chugach reserves the right to limit the number of retail customers receiving service under the terms of this schedule to one per substation circuit. Chugach further reserves the right to reduce the buyback rates for costs associated with the integration of the energy produced by the qualifying facility into the Chugach system. Integration costs are project specific and determined through the completion of an integration study completed by Chugach.

Monthly Rates

Power sales supplied by Chugach to the customer to meet its electric requirements will be priced at the applicable rates. The rate paid by Chugach to the customer for kWh supplied by the customer to Chugach is the average avoided cost calculated as follows:

1. Fuel and purchased power expense, excluding Bradley Lake and Fire Island Wind, predicted for next quarter in the determination of fuel and purchased power rates.	$19,936,029	
2. Non-fuel O&M expense	$42,415	
3. Balancing Account as of September 30, 2020	$5,124	
4. Total Avoided Cost Included in Rate	$19,983,568	
5. kWh Sales at G&T predicted for next quarter:	574,797,345	
6. Avoided Cost per kWh at G&T (L4) / L5		$0.03477
7. Avoided Cost at Retail Primary Voltage		
a) Retail Primary kWh Sales at G&T (Percent Primary Distribution Losses at G&T: 2.03%)	67,994,670	
b) Retail Primary kWh Sales at Delivery	67,506,846	
c) Avoided Costs per kWh at Retail Primary (L6 x L7a / L7b)		$0.03502
8. Avoided Cost at Retail Secondary Voltage		
a) Retail Secondary kWh Sales at G&T (Percent Secondary Distribution Losses at G&T: 16.25%)	478,683,079	
b) Retail Secondary kWh Sales at Delivery	404,202,240	
c) Avoided Costs per kWh at Retail Secondary (L6 x L8a / L8b)		$0.04117

These rates will change concurrently with cost of power factor adjustments and general rate revisions. D, N

D = Sheet 103, Original

Tariff Advice No. 380-121 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

APUC No. 121 First Revision Sheet No. 68

Cancelling

Original Sheet No. 68

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APR 06 1994
State of Alaska
Public Utilities Commission

MUNICIPAL LIGHT & POWER

RESERVED

Tariff Advice No. 197-121 Effective: April 15, 1994

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: Thomas R. Stahr TITLE: General Manager

RCA No. 121 Original Sheet No. 68

Canceling

Sheet No.

CHUGACH POWERING ALASKA'S FUTURE

TARIFF SECTION RECEIVED NOV 04 2020 RCA

Chugach Electric Association, Inc.

F. Determination of Cost of Power Adjustment:

(1) Estimated Costs of Fuel and Purchased Power for the Quarter Beginning October 1, 2020:

Sources	Est. Quantities (A)	Avg Cost/Mcf (B)	Total = (A*B) (C)
a) Natural Gas:			
Stored Gas	0 Mcf	$0.0/Mcf	$0.00
Hilcorp - Interruptible	690,000 Mcf	$7.8500/Mcf	$5,416,500
CEA	0 Mcf	$0.00/Mcf	$0.00
ConocoPhillips	0 Mcf	$0.00/Mcf	$0.00
Cook Inlet Energy	0 Mcf	$0.00/Mcf	$0.00
AIX Energy	0 Mcf	$0.00/Mcf	$0.00
Furie	0 Mcf	$0.00/Mcf	$0.00
Chugach	1,029,598 Mcf	$2.44668/Mcf	$2,519,097
Total Natural Gas	1,719,598 Mcf	$4.61480/Mcf	$7,935,597
Gas Storage Reservation	30,000 Mcfd	$5.1685/Mcfd	$155,055
Gas Storage Capacity	1,500,000 Mcf	$0.07050/Mcf	$105,750
Transportation (Variable)	1,495,269 Mcf	$0.60845/Mcf	$909,799
b) Purchased Power:			
Bradley Lake	21,190 MWh	340,422/Month	$1,021,266
Bradley Wheeling	21,190 MWh	$8.90/MWh	$188,591
Bradley Wheeling (HEA)			$22,074
Bradley Capacity	0 MWh	$0.00/MWh	$0.00
Spinning Reserve[1]	0 MWh	$0.00/MWh	$0.00
c) Fuel Oil:	1,932 GAL	$1.553/GAL	$3,000
d) Intertie Expense:			$61,587
e) Economy Energy Purchases	0 MWh	$0.00/MWh	$0.00
f) Cogen/Small Power Purch	0 MWh	$0.00/MWh	$0.00

Total Cost of Fuel and Purchased Power [Total of a) through f), above] $10,402,719

(2) Profits From Economy Energy Sales: ($675,000)

(3) Cost of Power Clearing Account Balance

Actual Balance as of 6/30/2020 ($1,767,671)

Estimated Balance as of 9/30/2020 Under (Over) Recovery ($142,944)

(4) Total (1), (2), (3), above $9,870,663

(5) Estimated Retail Sales (kWh) 245,711,056/kWh

(6) Average Cost of Power [(4) / (5)] $0.04017/kWh

(7) Base Cost of Power $0.00/kWh

(8) Cost of Power Adj [(6) – (7)] $0.04017/kWh

[1] 2011 Intertie Agreement

Tariff Advice No. Issued by: Effective:

Chugach Electric Association, Inc.

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

RCA NO.: 121 1st Revision Sheet No. 68

Canceling

Original Sheet No. 68

CHUGACH POWERING ALASKA'S FUTURE

TARIFF SECTION RECEIVED DEC 08 2020 RCA

Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTORS AT G&T
POST ACQUISITION (CONTINUED) D, N

e.3. Incremental Fire Island Wind Adjustment Factor:

Predicted costs for the quarter beginning January 1, 2021

Description	Total	Retail	Seward
Predicted FIW Purchases (MWh)	15,588.5	15,588.5	----
Purchased Power Rate	$97.00	$97.00	----
Total FIW Purchased Power Cost	$1,512,083	$1,512,083	----
Chugach Avoided Energy Cost at G&T (MWh)	$34.77	$34.77	----
Estimated Cost Avoided Due to FIW Purchases	$541,954	$541,954	----
Fire Island Wind Cost Differential	$970,129	$970,129	----
Chugach Retail Generation & Purchases (MWh)	560,831.2	560,831.2	----
Cost per MWh at Generation	$1.73	$1.73	----
Predicted Sales at G&T (MWh)	560,831.2	560,831.2	----
FIW Adjustment Factor per kWh at G&T	$0.00173	$0.00173	----

e.4. Summary of fuel and purchased power cost adjustment factors at G&T for rates effective January 1, 2021

Fuel & Purch. Pwr Costs to be Recovered	$29,344,245	$28,669,254	$674,990
Generation & Purchases (MWh)	574,885.3	560,831.2	14,054.0
Cost per MWh at Generation	$51.04	$51.12	----
Projected Balances as of December 31, 2020	($2,975,565)	($2,975,565)	$0
Total Costs Recovered at G&T	$26,368,680	$25,693,690	$674,990
Predicted Sales at G&T (MWh)	560,377.1	546,677.7	13,699.4
Fuel and Purchased Power Adjustment Factor per kWh at G&T	$0.04706	$0.04700	---- *

*Not calculated. Seward is billed for actual cost of power on a monthly basis. D, N

D = Sheet 68, Original

Tariff Advice No.: 380-121 Issued by: Effective: January 1, 2021

Chugach Electric Association, Inc.

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

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OCT 14 2020
STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

Restricted Rate Reduction Account Rebate N

The Restricted Rate Reduction (RRR) account rebate returns $36 million from the Municipality of Anchorage.[1] The RRR account rebate is returned to North District members in approximately equal dollar amounts over a targeted 36-month period beginning January 1, 2021 and continues until the RRR account balance is depleted. Because the RRR account rebate is determined by projected sales and incorporates a balancing account, the actual return of the RRR account rebate may be shorter or longer than 36-months. In addition to the initial RRR account balance of $36 million, all interest earned on account balances is included in the rebate amounts.

The RRR rebate is adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings.

A. Applicability

The rebate is applicable to all North District members.

B. RRR Account Rebate Balancing Account

Chugach shall maintain a balancing account for the RRR account rebate to North District members. The North District balancing account begins with a credit balance of $36,000,000 on October 30, 2020. Beginning January 1, 2021, the account is reduced monthly by the rebate amount. The rebate amount shall include all interest earned on account balances.

C. Rebate

North District customer billings will be adjusted on a quarterly basis to reflect changes in the rebate amounts.

Restricted Rate Reduction Account Rebate: ($0.00000) per kWh N

[1] See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020. N N

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Chugach Electric Association, Inc.

Restricted Rate Reduction Account Rebate

The Restricted Rate Reduction (RRR) account rebate returns $36 million from the Municipality of Anchorage.[1] The RRR account rebate is returned to North District members in approximately equal dollar amounts over a targeted 36-month period beginning January 1, 2021 and continues until the RRR account balance is depleted. Because the RRR account rebate is determined by projected sales and incorporates a balancing account, the actual return of the RRR account rebate may be shorter or longer than 36-months. In addition to the initial RRR account balance of $36 million, all interest earned on account balances is included in the rebate amounts.

The RRR rebate is adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings.

A. Applicability

The rebate is applicable to all North District members.

B. RRR Account Rebate Balancing Account

Chugach shall maintain a balancing account for the RRR account rebate to North District members. The North District balancing account begins with a credit balance of $36,000,000 on October 30, 2020. Beginning January 1, 2021, the account is reduced monthly by the rebate amount. The rebate amount shall include all interest earned on account balances.

C. Rebate

North District customer billings will be adjusted on a quarterly basis to reflect changes in the rebate amounts.

Restricted Rate Reduction Account Rebate: ($0.01160) per kWh I

[1] See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

RCA NO.: 8 162nd Revision Sheet No. 94

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161st Revision Sheet No. 94

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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER ADJUSTMENT FACTORS AT G&T

e.1. Fuel Adjustment Factor: Predicted costs for the quarter beginning October 1, 2020

Description		Total	Retail	Seward	
Fuel Expense					
Beluga:	BRU (Chugach)	$94,733	$90,448	$4,284	
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0	
	Hilcorp Alaska, LLC (1/2015-3/2028)	$785,664	$750,133	$35,531	
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0	
	Furie (5/2017 - 3/2033)	$0	$0	$0	
IGT:	BRU (Chugach)	$0	$0	$0	
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0	
	Hilcorp Alaska, LLC (1/2015-3/2028)	$0	$0	$0	
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0	
	Furie (5/2017 - 3/2033)	$0	$0	$0	
SPP:	BRU (Chugach)	$1,138,677	$1,087,182	$51,495	
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0	
	Hilcorp Alaska, LLC (1/2015-3/2028)	$9,670,953	$9,233,598	$437,355	
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0	
	Furie (5/2017 - 3/2033)	$0	$0	$0	
EGS (Pool):	BRU (Chugach)	$0	$0	$0	
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0	
	Hilcorp Alaska, LLC (1/2015-3/2028)	$0	$0	$0	
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0	
	Furie (5/2017 - 3/2033)	$0	$0	$0	
Emergency Generator Fuel		$0	$0	$0	
CINGSA - FSS, ISS and Gas Withdrawn		$4,509,739	$4,305,792	$203,946	
Gas Transportation and Compression		$1,320,580	$1,260,859	$59,721	
Total Fuel and Transportation Expense		$17,520,345	$16,728,012	$792,332	
Less Credits					
Economy Sales, Gas Exchange and Other Revenue		($82,560)	($78,826)	($3,734)	
Wheeling Revenue		($94,633)	($90,353)	($4,280)	
Subtotal		($177,193)	($169,180)	($8,013)	
Net Fuel Expense		$17,343,152	$16,558,833	$784,319	
Generation & Purchases (MWh)		328,520.5	314,358.3	14,162.2	
Cost per MWh at Generation		$52.79	$52.68	$55.38	
Projected Balances as of December 31, 2020		($2,635,934)	($2,635,934)	$0	
Fuel Expense to be Recovered at G&T		$14,707,219	$13,922,899	$784,319	
Predicted Sales at G&T (MWh)		319,955.3	306,162.3	13,792.9	
Fuel Adjustment Factor per kWh at G&T		$0.04597	$0.04548	----*	I, I

* Not calculated. Seward is billed for actual fuel and purchased power costs on a monthly basis.

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: November 2, 2020

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

By: Title: Chief Executive Officer

Lee D. Thibert

RCA NO.: 8 163rd Sheet No. 94

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COST OF POWER ADJUSTMENT FACTORS AT G&T POST ACQUISITION T

e.1. Fuel Adjustment Factor: Predicted Costs for the quarter beginning January 1, 2021

	Total	Retail	Seward	
Natural Gas Fuel Expense by Contract				L
AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0	T
BRU	$4,540,716	$4,426,616	$114,099	
Cook Inlet Energy (2014-3/2023)	$0	$0	$0	
Furie (5/2017-33/2033)	$0	$0	$0	
Hilcorp Alaska, LLC (1/2015-3/2028)	$11,854,581	$11,556,699	$297,882	
Other Fuel Expenses				
Emergency Generator and Other Misc. Fuel	$0	$0	$0	
CINGSA - FSS, ISS and Fees	$1,095,805	$1,068,270	$27,535	T
CINGSA - Gas Withdrawn	$5,178,389	$5,048,266	$130,123	N
Gas Transportation and Compression	$2,229,424	$2,173,403	$56,021	
	$24,898,915	$24,273,254	$625,661	
Less Credits				
Economy Sales: Fuel and Margins	($353,290)	($344,412)	($8,877)	T
Wheeling Revenue	($325,359)	($317,183)	($8,176)	
AWWU Water Sales	($105,000)	($102,362)	($2,638)	N
Gas Exchange Revenue	($82,626)	($80,550)	($2,076)	N
Subtotal	($866,275)	($844,507)	($21,768)	
Net Fuel Expense	$24,032,640	$23,428,747	$603,893	
Generation & Purchases (MWh)	574,885.3	560,831.2	14,054.0	
Cost per MWh at Generation	$41.80	$41.78	$42.97	
Projected Balances as of December 31, 2020	($1,913,870)	($1,913,870)	$0	
Fuel Expense to be Recovered at G&T	$22,118,771	$21,514,877	$603,893	
Predicted Sales at G&T (MWh)	560,377.1	546,677.7	13,699.4	
Fuel Adjustment Factor per kWh at G&T	$0.03947	$0.03936	----*	R, R

*Not calculated. Seward is billed for actual cost of power on a monthly basis. T

L: The predicted power plant natual gas usage by contract has been relocated to the new Exhibit 12, and replaced with a summary of the natural gas predicted to be used by contract.

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021

Chugach Electric Association, Inc
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41st Revision Sheet No. 94.04

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FUEL AND PURCHASED POWER ADJUSTMENT FACTORS AT G&T (CONTINUED)

e.2. Purchased Power Adjustment Factor: Predicted costs for the quarter beginning October 1, 2020

Description	Total	Retail	Seward
Purchased Power Expense			
Bradley Lake Purchases	$1,863,891	$1,779,599	$84,292
Base FIW Renewable Resource Cost	$1,490,017	$1,490,017	$0
Non-Utility Generation	$0	$0	$0
Pooling Agreement - MEA	$0	$0	$0
Other Purchases	$751,618	$717,627	$33,991
Subtotal	$4,105,526	$3,987,243	$118,283
Less Purchased Power Credits			
Renewable Energy Certificates	$0	$0	$0
Wheeling Revenue	($22,175)	($21,172)	($1,003)
Subtotal	($22,175)	($21,172)	($1,003)
Net Purchased Power Expense	$4,083,350	$3,966,071	$117,280
Generation & Purchases (MWh)	328,520	314,358	14,162
Cost per MWh at Generation	$12.43	$12.62	$8.28
Projected Balances as of December 31, 2020	$1,099,355	$1,099,355	$0
Purchased Power Expense to be Recovered	$5,182,705	$5,065,425	$117,280
Predicted Sales at G&T (MWh)	319,955.3	306,162.3	13,792.9
Purchased Power Adjustment Factor per kWh at G&T	$0.01620	$0.01654	----* R, R

* Not calculated. Seward is billed for actual fuel and purchased power costs on a monthly basis.

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: November 2, 2020

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

By: Lee D. Thibert Title: Chief Executive Officer

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42nd Revision Sheet No. 94.04

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COST OF POWER ADJUSTMENT FACTORS AT G&T T
POST ACQUISITION (CONTINUED) N

e.2. Purchased Power Adj. Factor: Predicted costs for the quarter beginning January 1, 2021 T

Description	Total	Retail	Seward
Purchased Power Expense			
Bradley Lake Purchases	$2,825,142	$2,754,152	$70,990
Base FIW Renewable Resource Cost	$1,512,083	$1,512,083	$0
Non-Utility Generation	$0	$0	$0
Pooling Agreement - MEA	$0	$0	$0
Other Purchases	$124,011	$120,895	$3,116
Subtotal	$4,461,236	$4,387,130	$74,106
Less Purchased Power Credits			
Renewable Energy Certificates	$0	$0	$0
Wheeling and Economy Revenue	($119,762)	($116,752)	($3,009) T
Subtotal	($119,762)	($116,752)	($3,009)
Net Purchased Power Expense	$4,341,475	$4,270,378	$71,097
Generation & Purchases (MWh)	574,885	560,831	14,054
Cost per MWh at Generation	$7.55	$7.61	$5.06
Projected Balances as of December 31, 2020	($1,061,695)	($1,061,695)	$0
Purchased Power Expense to be Recovered	$3,279,780	$3,208,683	$71,097
Predicted Sales at G&T (MWh)	560,377.1	546,677.7	13,699.4
Purchased Power Adjustment Factor per kWh at G&T	$0.00585	$0.00587	----* R, R

* Not calculated. Seward is billed for cost of power on a monthly basis. T

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Chugach Electric Association, Inc
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51st Revision Sheet No. 94.05

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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER ADJUSTMENT FACTORS AT G&T (CONTINUED)

e.3. Incremental Fire Island Wind Adjustment Factor: Predicted costs for the quarter beginning October 1, 2020

Description	Total	Retail	Seward
Predicted FIW Purchases (MWh)	15,361.0	15,361.0	----
Purchased Power Rate	$97.00	$97.00	----
Total FIW Purchased Power Cost	$1,490,017	$1,490,017	----
Chugach Avoided Energy Cost at G&T (MWh)	$59.06	$59.06	----
Estimated Cost Avoided Due to FIW Purchases	$907,169	$907,169	----
Fire Island Wind Cost Differential	$582,848	$582,848	----
Chugach Retail Generation & Purchases (MWh)	314,358.3	314,358.3	----
Cost per MWh at Generation	$1.85	$1.85	----
Predicted Sales at G&T (MWh)	306,162.3	306,162.3	----
FIW Adjustment Factor per kWh at G&T	$0.00190	$0.00190	----

e.4. Summary of fuel and purchased power cost adjustment factors at G&T for rates effective October 1, 2020

Fuel & Purch. Pwr Costs to be Recovered	$22,009,350	$21,107,752	$901,599	
Generation & Purchases (MWh)	328,520.5	314,358.3	14,162.2	
Cost per MWh at Generation	$67.00	$67.15	----	
Projected Balances as of December 31, 2020	($1,536,579)	($1,536,579)	$0	
Total Costs Recovered at G&T	$20,472,772	$19,571,173	$901,599	
Predicted Sales at G&T (MWh)	319,955.3	306,162.3	13,792.9	
Fuel and Purchased Power Adjustment Factor per kWh at G&T	$0.06399	$0.06392	---- *	I, I

* Not calculated. Seward is billed for actual fuel and purchased power costs on a monthly basis.

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee T. Thibert Title: Chief Executive Officer

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52nd Revision Sheet No. 94.05

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COST OF POWER ADJUSTMENT FACTORS AT G&T T
POST ACQUSITION (CONTINUED) N

e.3. Incremental Fire Island Wind Adjustment Factor:
Predicted costs for the quarter beginning January 1, 2021 N

Description	Total	Retail	Seward
Predicted FIW Purchases (MWh)	15,588.5	15,588.5	----
Purchased Power Rate	$97.00	$97.00	----
Total FIW Purchased Power Cost	$1,512,083	$1,512,083	----
Chugach Avoided Energy Cost at G&T (MWh)	$34.77	$34.77	----
Estimated Cost Avoided Due to FIW Purchases	$541,954	$541,954	----
Fire Island Wind Cost Differential	$970,129	$970,129	----
Chugach Retail Generation & Purchases (MWh)	560,831.2	560,831.2	----
Cost per MWh at Generation	$1.73	$1.73	----
Predicted Sales at G&T (MWh)	560,831.2	560,831.2	----
FIW Adjustment Factor per kWh at G&T	$0.00173	$0.00173	----

e.4. Summary of fuel and purchased power cost adjustment factors at G&T T
for rates effective January 1, 2021 N

Fuel & Purch. Pwr Costs to be Recovered	$29,344,245	$28,669,254	$674,990	
Generation & Purchases (MWh)	574,885.3	560,831.2	14,054.0	
Cost per MWh at Generation	$51.04	$51.12	----	
Projected Balances as of December 31, 2020	($2,975,565)	($2,975,565)	$0	
Total Costs Recovered at G&T	$26,368,680	$25,693,690	$674,990	
Predicted Sales at G&T (MWh)	560,377.1	546,677.7	13,699.4	
Fuel and Purchased Power Adjustment Factor per kWh at G&T	$0.04706	$0.04700	---- *	R, R

*Not calculated. Seward is billed for actual cost of power on a monthly basis. T

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97th Revision — Sheet No. 94.1

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FUEL AND PURCHASED POWER COST ADJUSTMENT FACTORS AT RETAIL DELIVERY: PRIMARY SERVICE

e.5. Chugach retail fuel and purchased power adjustment factors for rates effective October 1, 2020

1. Total Chugach Retail Fuel and Purchased Power Cost Recovery		$19,571,173	
2. Retail Fuel Adjustment Factor per kWh at G&T	$0.04548		
3. Retail Purchased Power Adjustment Factor per kWh at G&T	$0.01654		
4. Fire Island Wind Adjustment Factor per kWh at G&T	$0.00190		
5. Chugach Retail Service at Primary Voltage			
A. Fuel Adjustment Factor			
a) Primary kWh Sales at G&T	13,789,903.0		
b) Fuel Cost Recovery - Primary Voltage	$627,165		
c) Primary kWh Sales at Delivery	12,980,692.8		
d) Fuel Adjustment Factor per kWh at Primary (b / c)		$0.04832	I
(Percent Primary Distribution Losses at G&T: 5.87%)			
B. Purchased Power Adjustment Factor			
a) Primary kWh Sales at G&T	13,789,903.0		
b) Purchased Power Cost Recovery - Primary Voltage	$228,085		
c) Primary kWh Sales at Delivery	12,980,692.8		
d) Purchased Power Adjustment Factor per kWh at Primary (b / c)		$0.01757	R
C. Fire Island Wind Renewable Energy Adjustment Factor			
a) Primary kWh Sales at G&T	13,789,903.0		
b) FIW Cost Differential - Primary Voltage	$26,201		
c) Primary kWh Sales at Delivery	12,980,692.8		
d) FIW Renewable Energy Adjustment Factor per kWh at Primary (b / c)		$0.00202	I
D. Total Retail Service at Primary Voltage Delivery		$0.06791	R

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee D. Thibert — Title: Chief Executive Officer

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Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION AT RETAIL DELIVERY: PRIMARY SERVICE T N

e.5. Chugach retail cost of power adjustment factors for rates effective January 1, 2021 T

1. Total Chugach Retail Fuel and Purchased Power Cost Recovery		$25,693,690	
2. Retail Fuel Adjustment Factor per kWh at G&T	$0.03936		
3. Retail Purchased Power Adjustment Factor per kWh at G&T	$0.00587		
4. Fire Island Wind Adjustment Factor per kWh at G&T	$0.00173		
5. Chugach Retail Service at Primary Voltage			
A. Fuel Adjustment Factor			
a) Primary kWh Sales at G&T	67,994,670.5		
b) Fuel Cost Recovery - Primary Voltage	$2,676,270		
c) Primary kWh Sales at Delivery	67,506,846.1		
d) Fuel Adjustment Factor per kWh at Primary		$0.03964	T, R
(Percent Primary Distribution Losses at G&T: 0.72%)			
B. Purchased Power Adjustment Factor			
a) Primary kWh Sales at G&T	67,994,670.5		
b) Purchased Power Cost Recovery - Primary Voltage	$399,129		
c) Primary kWh Sales at Delivery	67,506,846.1		
d) Purchased Power Adj. Factor per kWh at Primary		$0.00591	T, R
C. Fire Island Wind Renewable Energy Adjustment Factor			
a) Primary kWh Sales at G&T	67,994,670.5		
b) FIW Cost Differential - Primary Voltage	$117,631		
c) Primary kWh Sales at Delivery	67,506,846.1		
d) FIW Renewable Energy Adj. Factor per kWh at Primary		$0.00174	T, R
D. Total Retail Service at Primary Voltage Delivery		$0.04729	R

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
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36th Revision Sheet No. 94.1.1

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FUEL AND PURCHASED POWER COST ADJUSTMENT FACTORS AT RETAIL DELIVERY: SECONDARY SERVICE

e.6. Chugach retail fuel and purchased power adjustment factors for rates effective October 1, 2020

6. Chugach Retail Service at Secondary Voltage

A. Fuel Adjustment Factor			
a) Secondary kWh Sales at G&T	292,372,439.4		
b) Fuel Cost Recovery - Secondary Voltage	$13,297,099		
c) Secondary kWh Sales at Delivery	273,165,791.8		
d) Fuel Adjustment Factor per kWh at Secondary (b / c)		$0.04868	I
(Percent Secondary Distribution Losses at G&T: 6.57%)			
B. Purchased Power Adjustment Factor			
a) Predicted Secondary kWh Sales at G&T	292,372,439.4		
b) Purchased Power Cost Recovery - Secondary Voltage	$4,835,840		
c) Predicted Secondary kWh Sales at Delivery	273,165,791.8		
d) Purchased Power Adjustment Factor per kWh at Secondary (b / c)		$0.01770	R
C. Fire Island Wind Renewable Energy Adjustment Factor			
a) Predicted Secondary kWh Sales at G&T	292,372,439.4		
b) FIW Cost Differential - Secondary Voltage	$555,508		
c) Predicted Secondary kWh Sales at Delivery	273,165,791.8		
d) FIW Renewable Energy Adjustment Factor per kWh at Secondary (b / c)		$0.00203	
D. Total Retail Service at Secondary Voltage Delivery		$0.06841	R

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee D. Thibert Title: Chief Executive Offic

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37th Revision Sheet No. 94.1.1

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COST OF POWER ADJUSTMENT FACTORS
POST ACQUISITION AT RETAIL DELIVERY: SECONDARY SERVICE T N

e.6. Chugach retail cost of power adjustment factors for rates effective January 1, 2021 T

6. Chugach Retail Service at Secondary Voltage

A. Fuel Adjustment Factor			
a) Secondary kWh Sales at G&T	478,683,079.4		
b) Fuel Cost Recovery - Secondary Voltage	$18,840,966		
c) Secondary kWh Sales at Delivery	471,709,086.5		
d) Fuel Adjustment Factor per kWh at Secondary		$0.03994	T, R
(Percent Secondary Distribution Losses at G&T: 1.46%)			
B. Purchased Power Adjustment Factor			
a) Predicted Secondary kWh Sales at G&T	478,683,079.4		
b) Purchased Power Cost Recovery - Secondary Voltage	$2,809,870		
c) Predicted Secondary kWh Sales at Delivery	471,709,086.5		
d) Purchased Power Adj. Factor per kWh at Secondary		$0.00596	T, R
C. Fire Island Wind Renewable Energy Adjustment Factor			
a) Predicted Secondary kWh Sales at G&T	478,683,079.4		
b) FIW Cost Differential - Secondary Voltage	$828,122		
c) Predicted Secondary kWh Sales at Delivery	471,709,086.5		
d) FIW Renewable Energy Adj. Factor per kWh at Secondary		$0.00176	T, R
D. Total Retail Service at Secondary Voltage Delivery		$0.04766	R

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Chugach Electric Association, Inc.
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Chugach Electric Association, Inc.

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COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION
WITH BRU CONTRIBUTED CAPTIAL AND RRR REBATE ADJUSTMENTS N

	South District		North District		
	Primary	Secondary	Primary	Secondary	
Fuel Rate	$0.03964	$0.03994	$0.03964	$0.03994	
Purchased Power Rate	$0.00591	$0.00596	$0.00591	$0.00596	
FIW Adj Factor	$0.00174	$0.00176	$0.00174	$0.00176	
Subtotal	$0.04729	$0.04766	$0.04729	$0.04766	
BRU Contributed Capital	$0.01497	$0.01497	($0.01702)	($0.01702)	
Subtotal	$0.06226	$0.06263	$0.03027	$0.03064	
RRR Rebate	---		($0.01160)	($0.01160)	
Total per kWh Rate	$0.06226	$0.06263	$0.01867	$0.01904	N

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 160th Revision Sheet No. 95

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159th Revision Sheet No. 95

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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER COST ADJUSTMENT FACTORS

f. 1. Actual fuel costs for the quarter ending June 30, 2020

Description		Total	Retail	Seward
Fuel Adjustment Factor Balance as of March 31, 2020		($4,308,113)	($4,308,113)	$0
Fuel Balance for Quarter Ending June 30, 2020				
Beluga:	BRU (Chugach)	$24,836	$23,491	$1,346
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	$955,873	$904,121	$51,753
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0
	Furie (5/2017 - 3/2033)	$110	$104	$6
IGT:	BRU (Chugach)	$110	$104	$6
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	$2,636	$2,491	$146
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0
	Furie (5/2017 - 3/2033)	$0	$0	$0
SPP:	BRU (Chugach)	$385,185	$364,400	$20,785
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	$9,095,337	$8,604,791	$490,546
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0
	Furie (5/2017 - 3/2033)	$6,028	$5,706	$322
EGS (Pool):	BRU (Chugach)	$0	$0	$0
	AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	$0	$0	$0
	Cook Inlet Energy (2014-3/2023)	$0	$0	$0
	Furie (5/2017 - 3/2033)	$0	$0	$0
CINGSA - FSS, ISS and Gas Withdrawn		$977,474	$924,713	$52,761
Gas Transportation and Compression		$944,664	$893,714	$50,950
Adjustment		$8,275	$7,833	$442
Total Fuel and Transportation Expense		$12,400,528	$11,731,466	$669,063
Less Credits				
Economy Fuel / Transportation Costs		$0	$0	$0
Economy Margins		$0	$0	$0
Gas Exchange Contributions (Tesoro and Furie)		($88,895)	($84,107)	($4,788)
Wheeling Revenue		($495,685)	($468,975)	($26,710)
Subtotal		($584,580)	($553,082)	($31,498)
Net Fuel Expense		$11,815,949	$11,178,384	$637,565
Generation & Purchases (MWh)		266,019	252,328	13,691
Cost per MWh at Generation		$44.42	$44.30	$46.57
Total Fuel Cost Recovery		$9,805,190	$9,167,625	$637,565
Quarter Balance		$2,010,758	$2,010,759	$0

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: November 2, 2020

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

By: Lee D. Thibert Title: Chief Executive Officer

RCA NO.: 8 161th Revision Sheet No. 95

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160th Revision Sheet No. 95

TARIFF SECTION
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Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION T

f. 1. Actual fuel costs for the quarter ending September 30, 2020

Description	Total	Retail	Seward	
Fuel Adjustment Factor Balance as of June 30, 2020	$338,934	$338,934	$0	
Fuel Expense for Quarter Ending September 30, 2020				L, T
BRU	$826,964	$783,619	$43,346	T
AIX Energy, LLC (4/2016-3/2024)	$0	$0	$0	
Hilcorp Alaska, LLC (1/2015-3/2028)	$10,264,153	$9,725,859	$538,294	
Cook Inlet Energy (2014-3/2023)	$0	$0	$0	
Furie (5/2017 - 3/2033)	$0	$0	$0	
Emergency Generator and Diesel Fuel	$0	$0	$0	
CINGSA - FSS, ISS and Fees	$1,231,588	$1,167,159	$64,429	
CINGSA - Gas Withdrawn	$125,770	$119,144	$6,626	T
Gas Transportation and Compression	$851,439	$806,810	$44,630	
Adjustment	$0	$0	$0	
Total Fuel and Transportation Expense	$13,299,914	$12,602,590	$697,324	
Less Credits				
Economy Sales: Fuel and Margins	($1,050)	($996)	($54)	T
AWWU Water Sales Revenue	$0	$0	$0	D, N
Gas Exchange Revenue	($93,015)	($88,147)	($4,867)	T
Pooling Agreement - MEA	$0	$0	$0	N
Wheeling Revenue	($516,227)	($489,349)	($26,878)	
Subtotal	($610,291)	($578,492)	($31,799)	
Net Fuel Expense	$12,689,623	$12,024,097	$665,526	
Generation & Purchases (MWh)	271,409	257,569	13,840	
Cost per MWh at Generation	$46.75	$46.68	$48.09	
Total Fuel Cost Recovery	$11,189,613	$10,524,087	$665,526	
Quarter Balance	$1,500,010	$1,500,010	$0	

L: The power plant natual gas usage by contract detail has been relocated to the new Exhibit 12, and replaced with a summary of the natural gas predicted to be used by contract.

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021

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

RCA NO.: 8 40th Revision Sheet No. 95.04

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39th Revision Sheet No. 95.04

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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER COST ADJUSTMENT FACTORS (CONTINUED)

f.2. Actual purchased power costs for the quarter ending June 30, 2020

Description	Total	Retail	Seward
Purchased Power Adjustment Factor			
Balance as of March 31, 2020	$5,680,722	$5,680,722	$0
Purchased Power Expense			
Bradley Lake Purchases	$1,962,571	$1,882,075	$80,497
FIW Renewable Resource Expense	$1,060,223	$1,060,223	$0
Non-Utility Generation	$4,355	$4,120	$235
Pooling Agreement - MEA	$0	$0	$0
Other Purchases	$1,718,950	$1,627,354	$91,596
Subtotal	$4,746,100	$4,573,772	$172,328
Less Purchased Power Credits			
Renewable Energy Certificates	($16,345)	($16,345)	$0
Wheeling Revenue	($187,632)	($177,572)	($10,060)
Subtotal	($203,977)	($193,917)	($10,060)
Net Purchased Power Expense	$4,542,123	$4,379,855	$162,268
Generation & Purchases (MWh)	266,019	252,328	13,691
Cost per MWh at Generation	$17.07	$17.36	$11.85
Purchased Power Cost Recovery	$8,620,372	$8,458,105	$162,268
Quarter Balance	($4,078,250)	($4,078,250)	$0

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: November 2, 2020

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

By: Lee D. Thibert Title: Chief Executive Officer

RCA NO.: 8 41st Revision Sheet No. 95.04

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40th Revision Sheet No. 95.04

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Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION (CONTINUED) T N

f.2. Actual purchased power costs for the quarter ending September 30, 2020

Description	Total	Retail	Seward
Purchased Power Adjustment Factor			
Balance as of June 30, 2020	$1,602,472	$1,602,472	$0
Purchased Power Expense			
Bradley Lake Purchases	$1,736,795	$1,672,438	$64,357
FIW Renewable Resource Expense	$852,071	$852,071	$0
Non-Utility Generation	$5,605	$5,307	$298
Pooling Agreement - MEA	$0	$0	$0
Other Purchases	$921,916	$873,655	$48,262
Subtotal	$3,516,388	$3,403,471	$112,917
Less Purchased Power Credits			
Renewable Energy Certificates	$0	$0	$0
Wheeling and Economy Revenue	($138,989)	($131,762)	($7,227) T
Subtotal	($138,989)	($131,762)	($7,227)
Net Purchased Power Expense	$3,377,399	$3,271,709	$105,690
Generation & Purchases (MWh)	271,409	257,569	13,840
Cost per MWh at Generation	$12.44	$12.70	$7.64
Purchased Power Cost Recovery	$5,844,533	$5,738,842	$105,690
Quarter Balance	($2,467,133)	($2,467,133)	$0

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 49th Revision Sheet No. 95.05

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48th Revision Sheet No. 95.05

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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER COST ADJUSTMENT FACTORS (CONTINUED)

f.3. Summary of Actual Fuel and Purchased Power Cost Adjustment Factor Balances

Description	Total	Retail	Seward
Fuel and Purchased Power Balance as of March 31, 2020	$1,372,609	$1,372,609	$0
Balance for Quarter Ending June 30, 2020			
Fuel and Purchased Power Costs	$16,358,071	$15,558,239	$799,832
Generation & Purchases (MWh)	266,019	252,328	13,691
Cost per MWh at Generation	$61.49	$61.66	$58.42
Fuel and Purchased Power Recovery	$18,425,562	$17,625,730	$799,832
Balance for Quarter Ended June 30, 2020	($2,067,491)	($2,067,491)	$0
Cumulative Balance at Quarter Ended June 30, 2020	($694,882)	($694,882)	$0

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee D. Thibert Title: Chief Executive Officer

RCA NO.: 8 50th Revision Sheet No. 95.05

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49th Revision Sheet No. 95.05

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Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION (CONTINUED) T N

f.3. Summary of Actual Cost of Power Adjustment Factor Balances T

Description	Total	Retail	Seward
Fuel and Purchased Power Balance as of June 30, 2020	$1,941,406	$1,941,406	$0
Balance for Quarter Ending September 30, 2020			
Fuel and Purchased Power Costs	$16,067,022	$15,295,806	$771,216
Generation & Purchases (MWh)	271,409	257,569	13,840
Cost per MWh at Generation	$59.20	$59.39	$55.72
Fuel and Purchased Power Recovery	$17,034,145	$16,262,929	$771,216
Balance for Quarter Ended September 30, 2020	($967,123)	($967,123)	$0
Cumulative Balance at Quarter Ended September 30, 2020	$974,283	$974,283	$0

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
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RCA NO.: 8 98th Revision Sheet No. 95.5

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97th Revision Sheet No. 95.5

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Chugach Electric Association, Inc.

SUMMARY OF ACTUAL AND PROJECTED FUEL AND PURCHASED POWER COSTS

Description		Actual - Quarter Ended June 2020 Volume [1]	Unit Cost	Total Cost	Projected - Quarter Ended December 2020 Volume	Unit Cost	Total Cost
Fuel Expense							
Beluga:	BRU (Chugach)	8,143	$3.05	$24,836	18,575	$5.10	$94,733
	AIX Energy, LLC (4/2016-3/2024)	0	$0.00	$0	0	$0.00	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	127,620	$7.49	$955,873	104,895	$7.49	$785,664
	Cook Inlet Energy (2014-3/2023)	0	$0.00	$0	0	$0.00	$0
	Furie (5/2017 - 3/2033)	16	$6.85	$110	0	$0.00	$0
IGT:	BRU (Chugach)	36	$3.05	$110	0	$0.00	$0
	AIX Energy, LLC (4/2016-3/2024)	0	$0.00	$0	0	$0.00	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	352	$7.49	$2,636	0	$0.00	$0
	Cook Inlet Energy (2014-3/2023)	0	$0.00	$0	0	$0.00	$0
	Furie (5/2017 - 3/2033)	0	$0.00	$0	0	$0.00	$0
SPP:	BRU (Chugach)	126,290	$3.05	$385,185	223,270	$5.10	$1,138,677
	AIX Energy, LLC (4/2016-3/2024)	0	$0.00	$0	0	$0.00	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	1,214,331	$7.49	$9,095,337	1,291,182	$7.49	$9,670,953
	Cook Inlet Energy (2014-3/2023)	0	$0.00	$0	0	$0.00	$0
	Furie (5/2017 - 3/2033)	0	$0.00	$6,028	0	$0.00	$0
EGS (Pool):	BRU (Chugach)	0	$0.00	$0	0	$0.00	$0
	AIX Energy, LLC (4/2016-3/2024)	0	$0.00	$0	0	$0.00	$0
	Hilcorp Alaska, LLC (1/2015-3/2028)	0	$0.00	$0	0	$0.00	$0
	Cook Inlet Energy (2014-3/2023)	0	$0.00	$0	0	$0.00	$0
	Furie (5/2017 - 3/2033)	0	$0.00	$0	0	$0.00	$0
CINGSA - FSS/ISS Capacity and Withdrawal Fees		----	$0.00	$865,958	----	$0.00	$1,790,110
CINGSA - Gas Withdrawn		14,539	$7.67	$111,516	354,580	$7.67	$2,719,629
Gas Exchange Contributions (Tesoro and Furie)		0	$0.00	$0	0	$0.00	$0
Gas Transportation and Compression		0	$0.00	$944,664	0	$0.00	$1,320,580
Adjustment		2,067	$4.00	$8,275	0	$0.00	$0
Subtotal		1,493,394	$8.30	$12,400,528	1,992,502	$8.79	$17,520,345
Purchased Power Expense							
Bradley Lake Purchases, MWh		35,646	$55.06	$1,962,571	28,976	$64.33	$1,863,891
Total FIW Renewable Resource Expense		10,398	$101.96	$1,060,223	15,361	$97.00	$1,490,017
Non-Utility Generation		0	$0.00	$4,355	12	$35.00	$420
Pooling Agreement - MEA		0	$0.00	$0	0	$0.00	$0
Other Purchases, MWh		21,555	$79.75	$1,718,950	12,437	$60.40	$751,198
Subtotal		67,599	$70.21	$4,746,100	56,786	$72.30	$4,105,526
Total Fuel & Purch. Power Expense		----	----	$17,146,628	----	----	$21,625,870

[1] Fuel volumes from invoices.

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: November 2, 2020

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

By: Title: Chief Executive Officer

Lee D. Thibert

RCA NO.: 8 99th Revision Sheet No. 95.5

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98th Revision Sheet No. 95.5

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Chugach Electric Association, Inc.

SUMMARY OF ACTUAL AND PROJECTED COST OF POWER POST ACQUISITION T

Description	Actual - Quarter Ended September 2020 Volume [1]	Unit Cost	Total Cost	Projected - Quarter Ended March 2021 Volume	Unit Cost	Total Cost	
Fuel Expense							L
BRU	162,150	$5.10	$826,964	1,663,266	$2.73	$4,540,716	T
AIX Energy, LLC (4/2016-3/2024)	0	$0.00	$0	0	$0.00	$0	
Hilcorp Alaska, LLC (1/2015-3/2028)	1,370,381	$7.49	$10,264,153	1,582,721	$7.49	$11,854,581	
Cook Inlet Energy (2014-3/2023)	0	$0.00	$0	0	$0.00	$0	
Furie (5/2017 - 3/2033)	0	$0.00	$0	0	$0.00	$0	T
CINGSA - FSS, ISS and Fees	----	$0.00	$1,231,588	----	$0.00	$1,095,805	D, T
CINGSA - Gas Withdrawn	16,156	$7.78	$125,770	677,800	$7.64	$5,178,389	
Emergency Generator and Diesel Fuel	----	$0.00	$0	0	$0.00	$0	D, N
Gas Transportation and Compression	----	$0.00	$851,439	----	$0.00	$2,229,424	
Adjustment	0	$0.00	$0	0	$0.00	$0	
Subtotal	1,548,687	$8.59	$13,299,914	3,923,787	$6.35	$24,898,915	
Purchased Power Expense							
Bradley Lake Purchases, MWh	42,410	$40.95	$1,736,795	52,647	$53.66	$2,825,142	
FIW Renewable Resource Exp.	8,564	$99.50	$852,071	15,588	$97.00	$1,512,083	T
	0	$0.00	$5,605	0	$0.00	$0	
Other Purchases, MWh	10,016	$92.05	$921,916	0	$0.00	$124,011	
Subtotal	60,989	$57.66	$3,516,388	68,236	$65.38	$4,461,236	
Total Fuel & Purch. Power Expense	----	----	$16,816,302	----	----	$29,360,151	

[1] Fuel volumes from invoices.

L: The power plant natual gas usage by contract detail has been relocated to the new Exhibit 12, and replaced with a summary of the natural gas predicted to be used by contract.

D: Deleted the lines include: the line entitled "Gas Exchange Contributions (Tesoro and Furie)," and "CINGSA - ISS Capacity and Withdrawal Fees."

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

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Beluga River Unit Contributed Capital Surcharge and Rebate N

The Beluga River Unit Contributed Capital (BRU Contributed Capital) adjustment process governs the collection of funds through a surcharge assessed to South District customers and the disbursement of funds to North District customers through a rebate over a targeted 120-month period, beginning January 1, 2021.[1] The BRU Contributed Capital adjustment mechanism reconciles historical contributions and future ratepayer benefit between customers served in the South District and North District in the amount of $176,129,122, or $136,002,239 on a present value basis (10 years, 5% interest rate).

BRU Contributed Capital surcharge and rebate amounts are adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings. Because the surcharge and rebate amounts are determined by projected sales and incorporate balancing accounts, the actual life of the BRU Contributed Capital adjustment process may be shorter or longer than the 120-month period.

A. Applicability

The surcharge is applicable to all South District members and the rebate is applicable to all North District members.

B. BRU Contributed Capital Balancing Accounts

Chugach shall maintain a BRU Contributed Capital surcharge balancing account for South District members and a BRU Contributed Capital rebate balancing account for North District members. The South District balancing account starts with a debit balance of $176,129,122 reflecting amounts due from the South District members. The North District balancing account starts with a credit balance of $176,129,122 reflecting the amount to be rebated. Each account will be reduced monthly by the amount of the surcharge collected and rebate returned to the members.

C. Surcharge and Rebate Amounts

Customer billings will be adjusted on a quarterly basis to reflect changes in surcharge and rebate amounts.

South District BRU Contributed Capital Surcharge: $0.00000 per kWh

North District BRU Contributed Capital Rebate: ($0.00000) per kWh

[1] See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020. N

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Beluga River Unit Contributed Capital Surcharge and Rebate

The Beluga River Unit Contributed Capital (BRU Contributed Capital) adjustment process governs the collection of funds through a surcharge assessed to South District customers and the disbursement of funds to North District customers through a rebate over a targeted 120-month period, beginning January 1, 2021.[1] The BRU Contributed Capital adjustment mechanism reconciles historical contributions and future ratepayer benefit between customers served in the South District and North District in the amount of $176,129,122, or $136,002,239 on a present value basis (10 years, 5% interest rate).

BRU Contributed Capital surcharge and rebate amounts are adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings. Because the surcharge and rebate amounts are determined by projected sales and incorporate balancing accounts, the actual life of the BRU Contributed Capital adjustment process may be shorter or longer than the 120-month period.

A. Applicability

The surcharge is applicable to all South District members and the rebate is applicable to all North District members.

B. BRU Contributed Capital Balancing Accounts

Chugach shall maintain a BRU Contributed Capital surcharge balancing account for South District members and a BRU Contributed Capital rebate balancing account for North District members. The South District balancing account starts with a debit balance of $176,129,122 reflecting amounts due from the South District members. The North District balancing account starts with a credit balance of $176,129,122 reflecting the amount to be rebated. Each account will be reduced monthly by the amount of the surcharge collected and rebate returned to the members.

C. Surcharge and Rebate Amounts

Customer billings will be adjusted on a quarterly basis to reflect changes in surcharge and rebate amounts.

South District BRU Contributed Capital Surcharge: $0.01497 per kWh I

North District BRU Contributed Capital Rebate: ($0.01702) per kWh I

[1] See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

RCA NO.: 8 142nd Revision Sheet No. 97

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141st Revision Sheet No. 97

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Chugach Electric Association, Inc.

PURCHASE AND SALES RATES FOR QUALIFIED COGENERATION, SMALL POWER PRODUCTION, AND STANDBY/ BUYBACK FACILITIES

Available in all territory served by Chugach, or as required pursuant to contractual arrangements under wholesale power sales agreement. Applicable to qualified cogeneration, small power production and standby/buyback facilities of 200 kW or less. The type of service shall be single or three phase 60 hertz at Chugach's standard voltages.

Chugach reserves the right to limit the number of retail customers receiving service under the terms of this schedule to one per substation circuit. Chugach further reserves the right to reduce the buyback rates for costs associated with the integration of the energy produced by the qualifying facility into the Chugach system. Integration costs are project specific and determined through the completion of an integration study completed by Chugach.

Monthly Rates

Power sales supplied by Chugach to the customer to meet its electric requirements will be priced at the applicable rates. The rate paid by Chugach to the customer for kWh supplied by the customer to Chugach is the average avoided cost calculated as follows:

1. Fuel and purchased power expense, excluding Bradley Lake and Fire Island Wind, predicted for next quarter in the determination of fuel and purchased power rates.	$16,728,012		
2. Non-fuel O&M expense	$44,443		
3. Balancing Account as of June 30, 2020	$10,466		
4. Total Avoided Cost Included in Rate	$16,782,922		
5. kWh Sales at G&T predicted for next quarter:	284,183,495		
6. Avoided Cost per kWh at G&T (L4) / L5		$0.05906	I
7. Avoided Cost at Retail Primary Voltage			
a) Retail Primary kWh Sales at G&T (Percent Primary Distribution Losses at G&T: 5.87%)	13,789,903		
b) Retail Primary kWh Sales at Delivery	12,980,693		
c) Avoided Costs per kWh at Retail Primary (L6 x L7a / L7b)		$0.06274	I
8. Avoided Cost at Retail Secondary Voltage			
a) Retail Secondary kWh Sales at G&T (Percent Secondary Distribution Losses at G&T: 6.57%)	292,372,439		
b) Retail Secondary kWh Sales at Delivery	273,165,792		
c) Avoided Costs per kWh at Retail Secondary (L6 x L8a / L8b)		$0.06321	I

These rates will change concurrently with fuel adjustment factor revisions and general rate revisions.

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee D. Thibert Title: Chief Executive Officer

RCA NO.: 8 143rd Revision Sheet No. 97

Canceling

142nd Revision Sheet No. 97

TARIFF SECTION
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Chugach Electric Association, Inc.

POST ACQUISITION PURCHASE AND SALES RATES FOR QUALIFIED COGENERATION, SMALL POWER PRODUCTION, AND STANDBY/BUYBACK FACILITIES T

Available in all territory served by Chugach, or as required pursuant to contractual arrangements under wholesale power sales agreement. Applicable to qualified cogeneration, small power production and standby/buyback facilities of 200 kW or less. The type of service shall be single or three phase 60 hertz at Chugach's standard voltages.

Chugach reserves the right to limit the number of retail customers receiving service under the terms of this schedule to one per substation circuit. Chugach further reserves the right to reduce the buyback rates for costs associated with the integration of the energy produced by the qualifying facility into the Chugach system. Integration costs are project specific and determined through the completion of an integration study completed by Chugach.

Monthly Rates

Power sales supplied by Chugach to the customer to meet its electric requirements will be priced at the applicable rates. The rate paid by Chugach to the customer for kWh supplied by the customer to Chugach is the average avoided cost calculated as follows:

1. Fuel and purchased power expense, excluding Bradley Lake and Fire Island Wind, predicted for next quarter in the determination of fuel and purchased power rates.	$19,936,029		
2. Non-fuel O&M expense	$42,415		
3. Balancing Account as of September 30, 2020	$5,124		
4. Total Avoided Cost Included in Rate	$19,983,568		
5. kWh Sales at G&T predicted for next quarter:	574,797,345		
6. Avoided Cost per kWh at G&T (L4) / L5		$0.03477	R
7. Avoided Cost at Retail Primary Voltage			
a) Retail Primary kWh Sales at G&T (Percent Primary Distribution Losses at G&T: 0.72%)	67,994,670		
b) Retail Primary kWh Sales at Delivery	67,506,846		
c) Avoided Costs per kWh at Retail Primary (L6 x L7a / L7b)		$0.03502	R
8. Avoided Cost at Retail Secondary Voltage			
a) Retail Secondary kWh Sales at G&T (Percent Secondary Distribution Losses at G&T: 15.56%)	478,683,079		
b) Retail Secondary kWh Sales at Delivery	404,202,240		
c) Avoided Costs per kWh at Retail Secondary (L6 x L8a / L8b)		$0.04117	R

These rates will change concurrently with cost of power factor adjustments and general rate revisions. T

Tariff Advice No.: 498-8 Issued by: Chugach Electric Association, Inc. P.O. Box 196300 Anchorage, Alaska 99519-6300 Effective: January 1, 2021

RCA NO.: 8 5th Revision Sheet No. 97.1.4

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4th Revision Sheet No. 97.1.4

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STATE OF ALASKA
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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER COST ADJUSTMENT FACTOR HISTORY
(SERVICE AT TRANSMISSION DELIVERY, RETAIL)

	Chugach Retail (Rate per kWh)				
For Rates Effective	Total	Fuel	Purchased Power	FIW Adjustment Factor	
October 1, 2019	$0.06178	$0.05868	$0.00132	$0.00178	
November 1, 2019	$0.06172	$0.05862	$0.00132	$0.00178	
January 1, 2020	$0.06692	$0.05799	$0.00655	$0.00238	
April 1, 2020	$0.06679	$0.03845	$0.02657	$0.00177	
July 1, 2020	$0.06085	$0.03874	$0.02031	$0.00180	
October 1, 2020	$0.06392	$0.04548	$0.01654	$0.00190	N

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee D. Thibert

Title: Chief Executive Officer

RCA NO.: 8 6th Revision Sheet No. 97.1.4

Canceling

5th Revision Sheet No. 97.1.4

TARIFF SECTION
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Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTOR HISTORY T
(SERVICE AT TRANSMISSION DELIVERY, RETAIL)

	Chugach Retail (Rate per kWh)				
For Rates Effective	Total	Fuel	Purchased Power	FIW Adjustment Factor	
October 1, 2019	$0.06178	$0.05868	$0.00132	$0.00178	
November 1, 2019	$0.06172	$0.05862	$0.00132	$0.00178	
January 1, 2020	$0.06692	$0.05799	$0.00655	$0.00238	
April 1, 2020	$0.06679	$0.03845	$0.02657	$0.00177	
July 1, 2020	$0.06085	$0.03874	$0.02031	$0.00180	
October 1, 2020	$0.06392	$0.04548	$0.01654	$0.00190	
Post Acquisition:					N
January 1, 2021	$0.04696	$0.03936	$0.00587	$0.00173	N

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
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RCA NO.: 8 5th Revision Sheet No. 97.5.2

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4th Revision Sheet No. 97.5.2

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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER COST ADJUSTMENT FACTOR HISTORY
(SERVICE AT CHUGACH RETAIL DELIVERY)

For Rates Effective	Primary Voltage (Rate per kWh) Total	Fuel	Purchased Power	FIW Renewable Energy Adj. Factor	
October 1, 2019	$0.06720	$0.06382	$0.00144	$0.00194	
November 1, 2019	$0.06714	$0.06376	$0.00144	$0.00194	
January 1, 2020	$0.06862	$0.05946	$0.00672	$0.00244	
April 1, 2020	$0.06822	$0.03927	$0.02714	$0.00181	
July 1, 2020	$0.06805	$0.04333	$0.02271	$0.00201	
October 1, 2020	$0.06791	$0.04832	$0.01757	$0.00202	N

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee D. Thibert

Title: Chief Executive Officer

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5th Revision Sheet No. 97.5.2

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Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTOR HISTORY
(SERVICE AT CHUGACH RETAIL DELIVERY)

For Rates Effective	Primary Voltage (Rate per kWh) Total	Fuel	Purchased Power	FIW Adjustment Factor	T T
October 1, 2019	$0.06720	$0.06382	$0.00144	$0.00194	
November 1, 2019	$0.06714	$0.06376	$0.00144	$0.00194	
January 1, 2020	$0.06862	$0.05946	$0.00672	$0.00244	
April 1, 2020	$0.06822	$0.03927	$0.02714	$0.00181	
July 1, 2020	$0.06805	$0.04333	$0.02271	$0.00201	
October 1, 2020	$0.06791	$0.04832	$0.01757	$0.00202	
Post Acquisition:					N
January 1, 2021	$0.04729	$0.03964	$0.00591	$0.00174	N

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
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RCA NO.: 8 5th Revision Sheet No. 97.6.1

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4th Revision Sheet No. 97.6.1

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Chugach Electric Association, Inc.

FUEL AND PURCHASED POWER COST ADJUSTMENT FACTOR HISTORY
(SERVICE AT CHUGACH RETAIL SECONDARY VOLTAGE DELIVERY)

		Secondary Voltage (Rate per kWh)			
For Rates Effective	Total	Fuel	Purchased Power	FIW Renewable Energy Adj. Factor	
October 1, 2019	$0.06770	$0.06430	$0.00145	$0.00195	
November 1, 2019	$0.06764	$0.06424	$0.00145	$0.00195	
January 1, 2020	$0.06913	$0.05990	$0.00677	$0.00246	
April 1, 2020	$0.06873	$0.03957	$0.02734	$0.00182	
July 1, 2020	$0.06857	$0.04365	$0.02289	$0.00203	
October 1, 2020	$0.06841	$0.04868	$0.01770	$0.00203	N

Tariff Advice No.: 496-8 **Pursuant to U-19-085(20)/U-19-091(19)/U-20-071(2)** Effective: October 1, 2020

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

By: Lee D. Thibert

Title: Chief Executive Officer

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5th Revision Sheet No. 97.6.1

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Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTOR HISTORY T
(SERVICE AT CHUGACH RETAIL SECONDARY VOLTAGE DELIVERY)

		Secondary Voltage (Rate per kWh)			
For Rates Effective	Total	Fuel	Purchased Power	FIW Adjustment Factor	T
October 1, 2019	$0.06770	$0.06430	$0.00145	$0.00195	
November 1, 2019	$0.06764	$0.06424	$0.00145	$0.00195	
January 1, 2020	$0.06913	$0.05990	$0.00677	$0.00246	
April 1, 2020	$0.06873	$0.03957	$0.02734	$0.00182	
July 1, 2020	$0.06857	$0.04365	$0.02289	$0.00203	
October 1, 2020	$0.06841	$0.04868	$0.01770	$0.00203	
Post Acquisition:					N
January 1, 2021	$0.04766	$0.03994	$0.00596	$0.00176	N

Tariff Advice No.: 498-8 Issued by: Effective: January 1, 2021
Chugach Electric Association, Inc.
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