



CHUGACH ELECTRIC ASSOCIATION, INC.  
ANCHORAGE, ALASKA

AUDIT AND FINANCE COMMITTEE MEETING

AGENDA

Rachel Morse, Chair  
Sisi Cooper, Vice-Chair  
Susanne Fleek-Green, Director

Sam Cason, Director  
Jim Nordlund, Director

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**August 30, 2023**

**4:00 p.m.**

**Chugach Board Room**

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- I. CALL TO ORDER (4:00 p.m.)
  - A. Roll Call
- II. APPROVAL OF THE AGENDA\*
- III. APPROVAL OF THE MINUTES\*
  - A. May 31, 2023 (Hamilton)
- IV. PERSONS TO BE HEARD
  - A. Member Comments
- V. NEW BUSINESS (none)
- VI. CEO REPORTS AND CORRESPONDENCE (4:10 p.m.)
  - A. 2<sup>nd</sup> Quarter 2023 Financial Information and Variance Report (Sims/Griffin) (4:10 p.m.)
  - B. BRU Quarterly Investment Review (APCM/Highers) (4:20 p.m.)
  - C. 2<sup>nd</sup> Quarter 2023 Capital Tracking Report (Sims/Griffin) (4:35 p.m.)
- VII. NEW BUSINESS (none)
- VIII. EXECUTIVE SESSION\* (scheduled) (4:50 p.m.)
  - A. BRU Asset Retirement Obligation (ARO) Investment Account (Highers) (4:50 p.m.)
  - B. KPMG Contract Extension (Stuart/Highers) (5:00 p.m.)
- IX. NEW BUSINESS\* (scheduled) (5:30 p.m.)
  - A. BRU ARO Investment Account\* (Griffin) (5:30 p.m.)
  - B. KPMG Contract Extension\* (Stuart/Highers) (5:35 p.m.)
- X. DIRECTOR COMMENTS (5:40 p.m.)
- XI. ADJOURNMENT\* (5:50 p.m.)

\* Denotes Action Items

\*\* Denotes Possible Action Items

8/28/2023 2:56:17 PM

**CHUGACH ELECTRIC ASSOCIATION, INC.**  
**Anchorage, Alaska**

**May 31, 2023**  
**Wednesday**  
**4:00 p.m.**

**AUDIT AND FINANCE COMMITTEE MEETING**

Recording Secretary: Ky'yanna Hamilton

**I. CALL TO ORDER**

Chair Morse called the Audit and Finance Committee meeting to order at 4:06 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

*A. Roll Call*

*Committee Members Present:*

Rachel Morse, Chair  
Sisi Cooper, Vice Chair (*via teleconference*)  
Sam Cason, Director  
Jim Nordlund, Director  
Susanne Fleek-Green, Director (*via teleconference*)

*Board Members Present:*

Mark Wiggin, Director  
Bettina Chastain, Director (*via teleconference*)

*Guests and Staff Attendance*

*Present:*

Sherri Highers	Todd McCarty	Jessie Anderson
Arthur Miller	Jean Kornmuller	Curtis Sims
Matthew Clarkson	Eugene Ori	Russell Thornton
Karen Griffin	Brandy Richardson	Vinay Sharma, APCM
Josh Travis	William Herman	
Luke Sliman	David Caye	

*Via Teleconference:*

Jason Katz-Brown	Kevin Skiba	Sandra Cacy
Jim Henderson	Jacob Powell	Carl Petersen
Mike Miller	Ashton Doyle	Penny Gage
Antony Scott	Nathan Golab	Brandy Niclai, APCM
Isaac Vanderburg	Donovan Russoniello	Rachel Christensen

## **II. APPROVAL OF THE AGENDA**

Director Cason moved and Director Nordlund seconded the motion to approve the agenda. The motion passed unanimously.

## **III. APPROVAL OF THE MINUTES**

Director Nordlund and Director Cason seconded the motion to approve the March 29, 2023, Audit and Finance Committee Meeting minutes. The motion passed unanimously.

## **IV. PERSONS TO BE HEARD**

### *A. Member Comments*

Chugach Members, Jim Henderson, Jason Katz-Brown, Antony Scott, Isaac Vanderburg, Donovan Russoniello, and Jacob Powell addressed the Board with their comments and concerns.

## **V. NEW BUSINESS**

### *A. Election of Audit and Finance Committee Vice Chair\* (Committee)*

Director Nordlund nominated Director Sisi Cooper to be the Vice Chair of the Audit & Finance Committee. The committee Voted and Director, Sisi Cooper was elected Vice Chair.

## **VI. CEO REPORTS AND CORRESPONDENCE**

### *A. BRU Quarterly Investment Reviews (Phillips)*

### *B. 1st Quarter 2023 Capital Tracking Report (Sims/Griffin)*

The 1st Quarter 2023 Capital Tracking Report was provided in the meeting packet.

### *C. 1st Quarter 2023 Operating Budget Status Report (Sims/Griffin)*

The 1<sup>st</sup> Quarter 2023 Operating Budget Status Report was provided in the meeting packet.

### *D. 1st Quarter 2023 Financial Information and Variance Report (Sims/Griffin)*

The 1st Quarter 2023 Capital Tracking Report was provided in the meeting packet.

### *E. 1st Quarter 2023 Financial Information and Variance Report (Sims/Griffin)*

The 1st Quarter 2023 Capital Tracking Report was provided in the meeting packet.

Arthur Miller, Chief Executive Officer, gave a summary of the CEO Reports and Correspondence items and responded to questions from the Committee.

## **VII. NEW BUSINESS**

### *A. Board Policy 207 - Audit and Finance Committee\*\* (Committee) (4:55 p.m.)*

The Committee reviewed and discussed Board Policy 207 – Audit and Finance Committee and there were no recommended changes.

**VIII. EXECUTIVE SESSION**

- A. *1st Quarter 2023 Contract Status Report (Travis) (5:15 p.m.)*
- B. *Rate Case Update (Clarkson) (5:25 p.m.)*

At 5:17 p.m. Director Cason moved and Director Cooper seconded the motion that pursuant to Alaska Statute 10.25.175(c)(1), the Board of Directors Audit and Finance Committee go into executive session to discuss and receive reports regarding financial matters, the immediate knowledge of which would clearly have an adverse effect on the finances of the cooperative. The motion passed unanimously.

*Director Fleek-Green left during Executive Session, time was not noted.*

*Director Wiggin left during Executive Session, time was not noted.*

*The meeting reconvened in open session at 7:46 p.m.*

**IX. NEW BUSINESS**

None.

**X. DIRECTOR COMMENTS**

Director comments were made at this time.

**XI. ADJOURNMENT**

At 7:56 p.m., Director Nordlund moved and Director Cooper seconded the motion to adjourn. The motion passed unanimously.

*Director Fleek-Green was not present at the time of the vote.*

June 2023 YTD  
Financial Information  
August 30, 2023

# Chugach Electric Association

# June 2023 YTD Financial Information

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MWH Sales

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Statement of Operations

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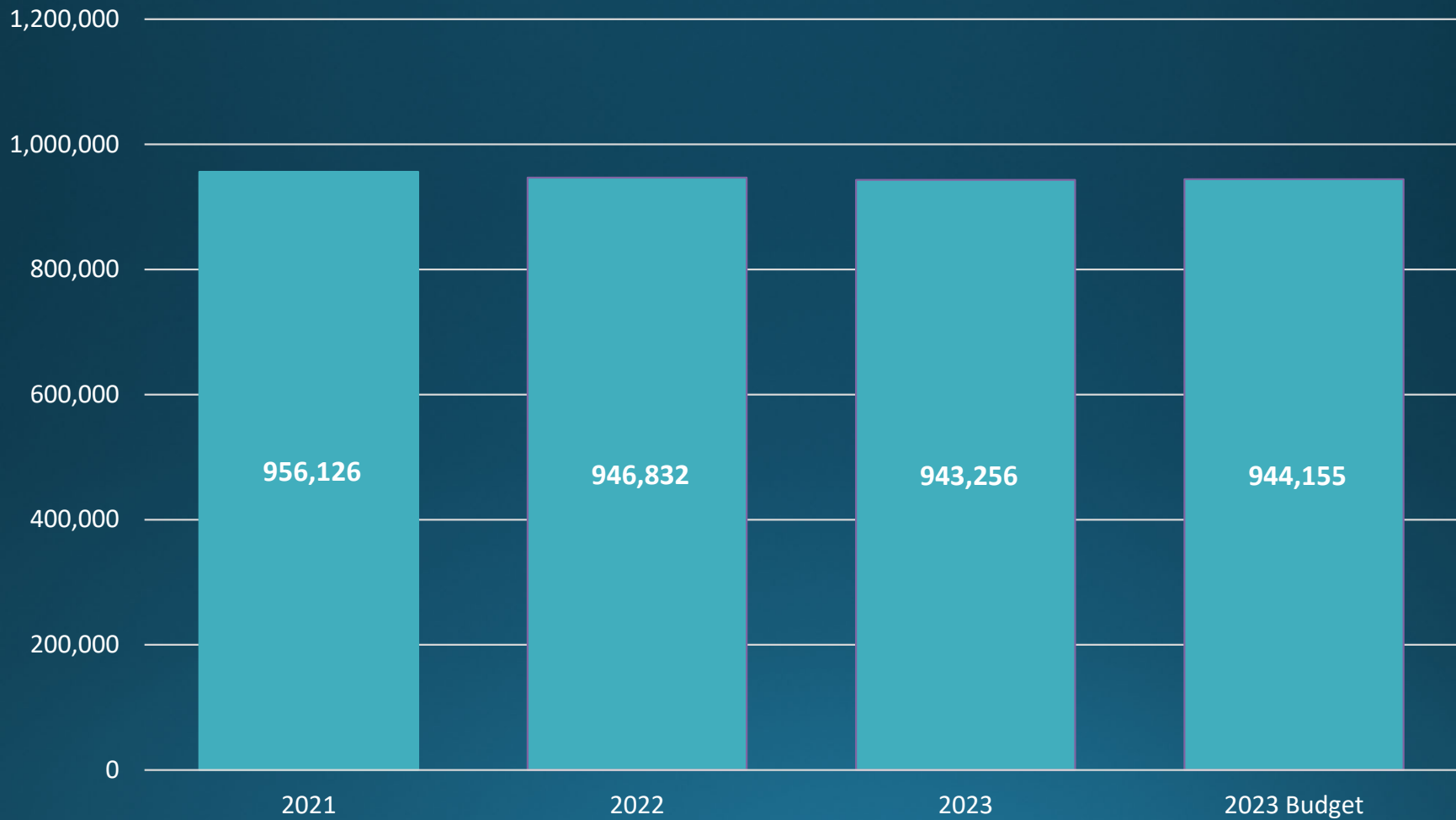
Balance Sheet

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Statement of Cash Flows

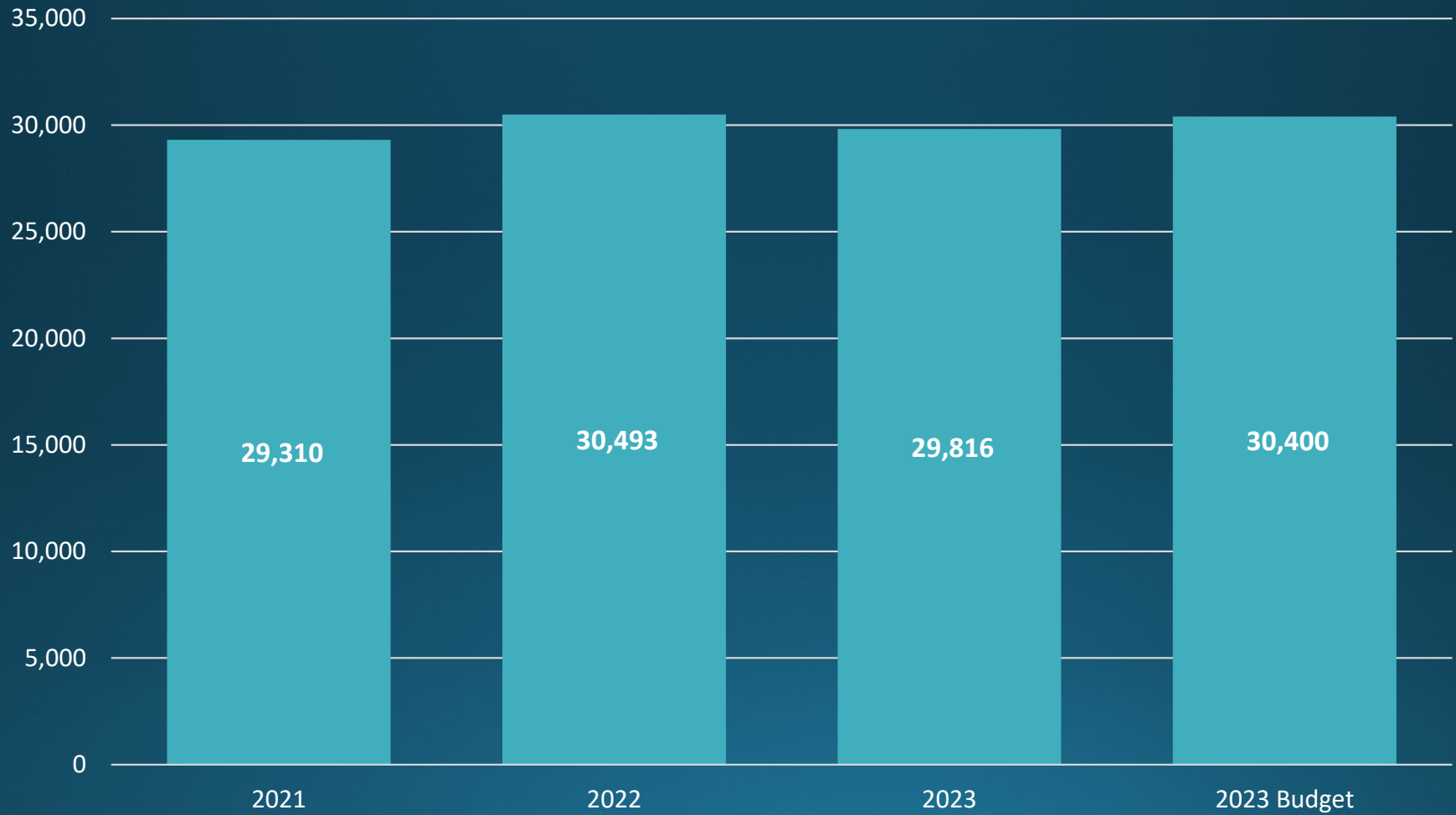
# June 2023 YTD Financial Information

## Retail MWh Sales Comparison



# June YTD 2023 Financial Information

## Seward MWh Sales Comparison





# June YTD 2023 Financial Information

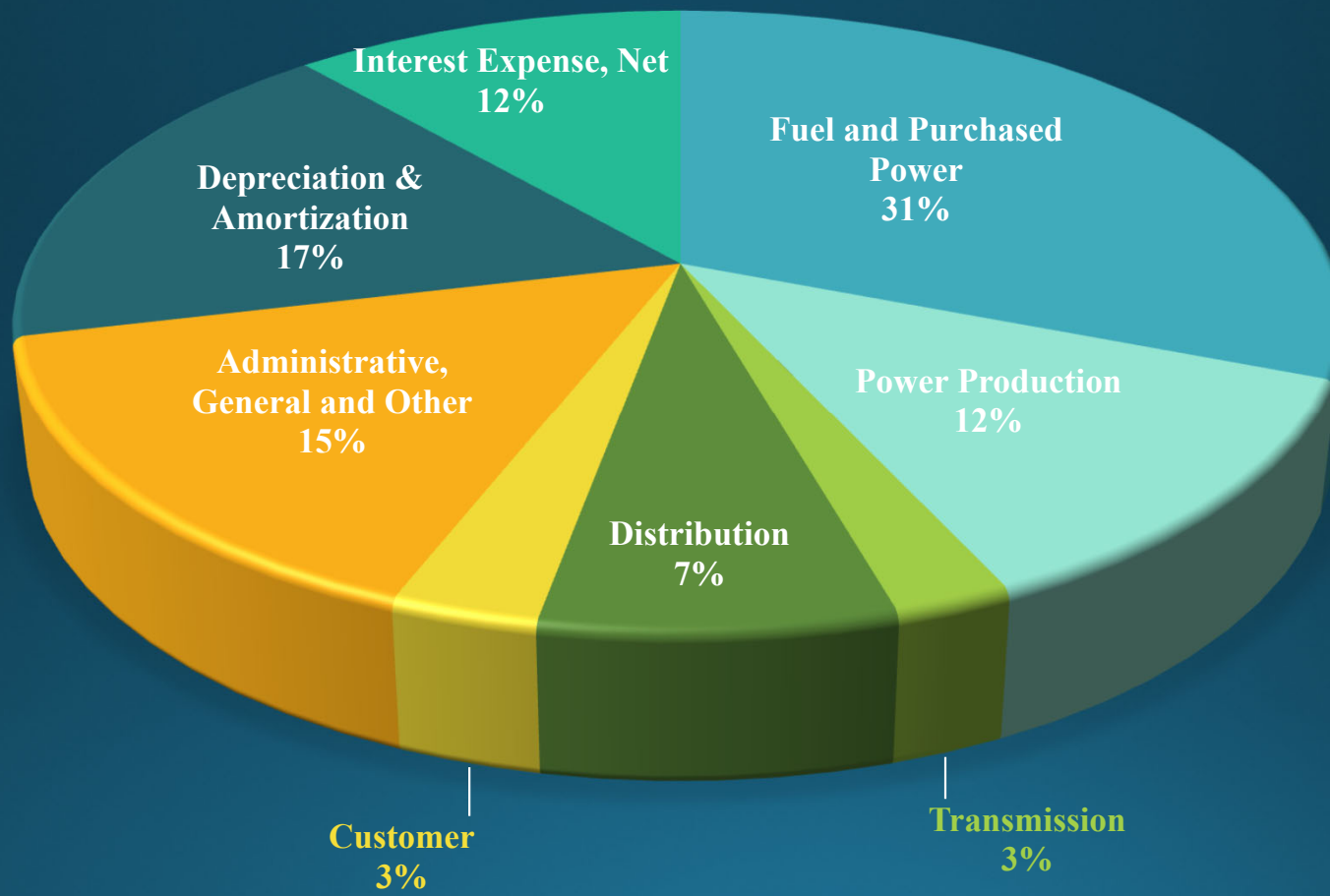
## Comparative Statement of Operations

**COMPARATIVE FINANCIAL REPORT  
STATEMENT OF OPERATIONS  
2023 YTD ACTUAL TO BUDGET**

CATEGORY	ACTUAL	BUDGET	VARIANCE
<b>Operating Revenue &amp; Patronage Capital</b>	<b>\$ 176,467,325</b>	<b>\$ 171,457,294</b>	<b>\$ 5,010,031</b>
Fuel and Purchased Power	54,263,653	48,804,790	5,458,863
Power Production	21,497,061	19,060,593	2,436,468
Transmission	4,287,212	5,956,782	(1,669,570)
Distribution	12,852,015	13,203,399	(351,384)
Customer	5,364,837	5,540,918	(176,081)
Administrative, General and Other	26,903,236	26,786,148	117,088
Depreciation & Amortization	30,477,551	32,241,983	(1,764,432)
Interest Expense, Net	20,000,109	19,433,205	566,904
<b>Total Cost of Electric Service</b>	<b>\$ 175,645,674</b>	<b>\$ 171,027,818</b>	<b>\$ 4,617,856</b>
<b>Patronage Capital &amp; Operating Margins</b>	<b>\$ 821,651</b>	<b>\$ 429,476</b>	<b>\$ 392,175</b>
Non-Operating Margins - Interest	578,851	464,194	114,657
Allowance for Funds Used During Construction	80,879	75,000	5,879
Non-Operating Margins - Other	(73,898)	(65,100)	(8,798)
<b>Patronage Capital or Margins</b>	<b>\$ 1,407,483</b>	<b>\$ 903,570</b>	<b>\$ 503,913</b>
MFI/I	1.07	1.04	
TIER	1.07	1.05	

# June YTD 2023 Financial Information

## Total Operating and Interest Expense



# June YTD 2023 Financial Information

## Comparative Balance Sheet, Assets & Other Debits

<b>ASSETS &amp; OTHER DEBITS</b>	<b>6/30/2023</b>	<b>12/31/2022</b>	<b>CHANGE</b>
Electric Plant in Service	2,126,163,037	2,109,990,748	16,172,289
Construction Work in Progress	80,295,387	52,721,736	27,573,651
Total Utility Plant	<u>\$ 2,206,458,424</u>	<u>\$ 2,162,712,484</u>	<u>\$ 43,745,940</u>
Accum. Prov. for Depreciation/Amortization	<u>(730,447,043)</u>	<u>(702,820,630)</u>	<u>(27,626,413)</u>
Net Utility Plant	<u>\$ 1,476,011,381</u>	<u>\$ 1,459,891,854</u>	<u>\$ 16,119,527</u>
Nonutility Property - Net	76,889	76,889	0
Financing & Operating Lease Right-of-Use Assets	3,807,521	4,048,789	(241,268)
Investment in Assoc. Organizations	6,633,888	6,993,487	(359,599)
Special Funds	27,593,703	26,275,805	1,317,898
Restricted Cash Equivalents & Other	30,000	30,000	0
Long-term Prepayments	206,925	305,854	(98,929)
Total Other Property & Investments	<u>\$ 38,348,926</u>	<u>\$ 37,730,824</u>	<u>618,102</u>
Cash & Restricted Cash	15,458,858	15,854,739	(395,881)
Special Deposits and Marketable Securities	56,800	58,300	(1,500)
Accounts Receivable - Net	44,387,792	50,243,472	(5,855,680)
Materials and Supplies, Fuel Stock	67,824,555	68,199,774	(375,219)
Prepayments	5,267,176	6,239,353	(972,177)
Other Current & Accrued Assets	29,907,104	20,804,025	9,103,079
Total Current & Accrued Assets	<u>\$ 162,902,285</u>	<u>\$ 161,399,663</u>	<u>\$ 1,502,622</u>
Deferred Debits	<u>106,585,837</u>	<u>108,557,249</u>	<u>(1,971,412)</u>
Total Assets & Other Debits	<u>\$ 1,783,848,429</u>	<u>\$ 1,767,579,590</u>	<u>\$ 16,268,839</u>

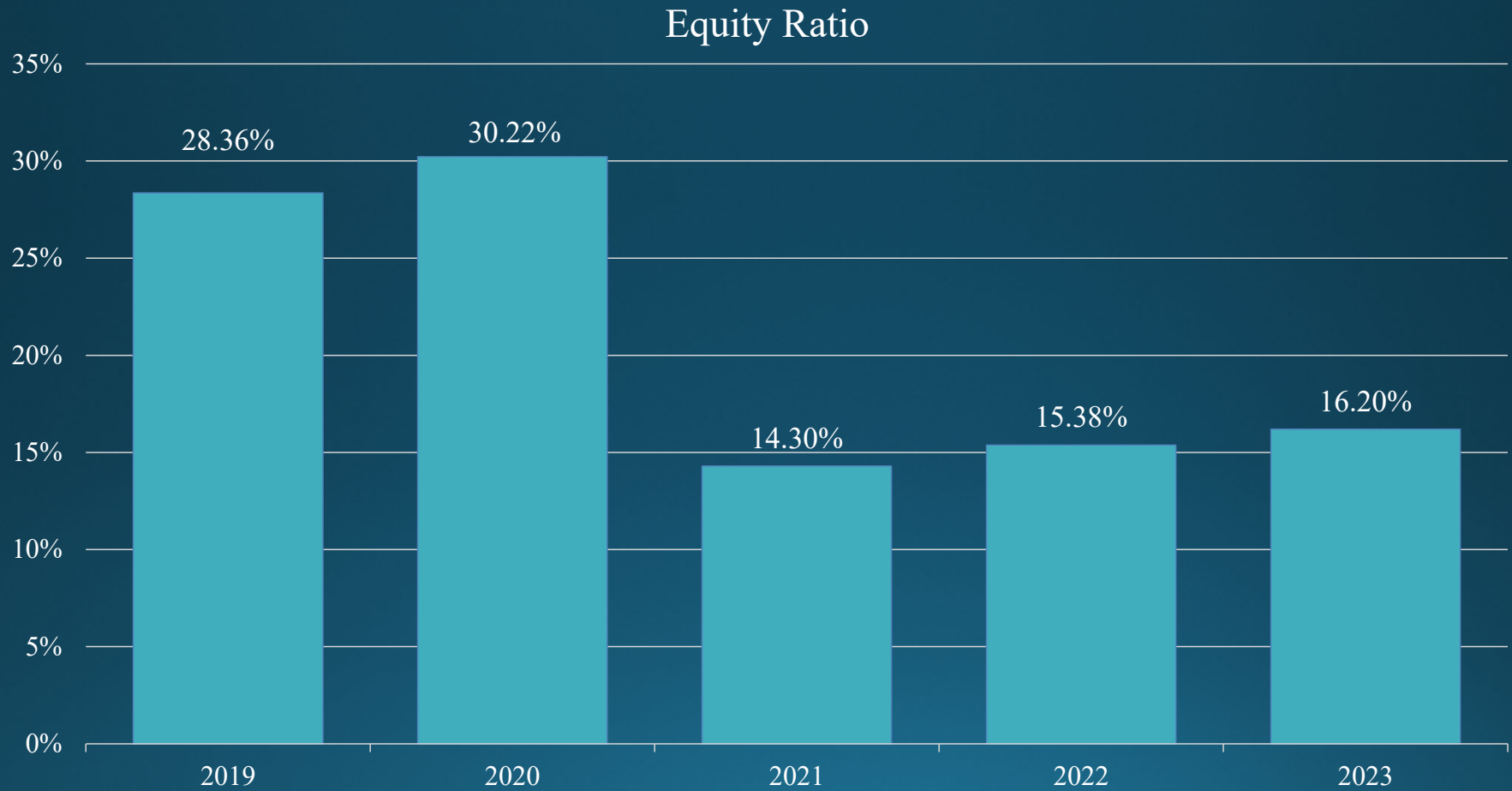
# June YTD 2023 Financial Information

## Comparative Balance Sheet, Liabilities & Other Credits

LIABILITIES & OTHER CREDITS	6/30/2023	12/31/2022	CHANGE
Memberships	2,002,773	1,986,171	16,602
Pat. Capital, Margins & Equities	211,692,330	210,349,305	1,343,025
<b>Total Margins &amp; Equities</b>	<b>\$ 213,695,103</b>	<b>\$ 212,335,476</b>	<b>\$ 1,359,627</b>
Long-Term Debt - Bonds	1,094,733,329	1,128,549,996	(33,816,667)
Long-Term Debt - Other	16,872,000	18,924,000	(2,052,000)
Unamortized Debt Issuance Costs	(5,904,143)	(5,960,113)	55,970
Operating Lease Liabilities	3,565,397	3,583,801	(18,404)
Finance Lease Liabilities	195,053	203,786	(8,733)
<b>Total Long-Term Debt</b>	<b>\$ 1,109,461,636</b>	<b>\$ 1,145,301,470</b>	<b>\$ (35,839,834)</b>
Notes Payable	126,967,655	94,178,851	32,788,804
Accounts Payable	45,083,235	26,356,140	18,727,095
Consumer Deposits	4,441,459	4,874,798	(433,339)
Other Current & Accrued Liabilities	52,713,656	53,272,014	(558,358)
<b>Total Current &amp; Accrued Liabilities</b>	<b>\$ 229,206,005</b>	<b>\$ 178,681,803</b>	<b>\$ 50,524,202</b>
Deferred Compensation	1,749,324	1,387,476	361,848
Other Liabilities, Non-Current	811,000	658,627	152,373
Deferred Liabilities	11,947,351	9,639,703	2,307,648
BRU Regulatory Liability	90,908,926	96,612,203	(5,703,277)
Cost of Removal Obligation	126,069,084	122,962,832	3,106,252
<b>Total Liabilities &amp; Other Credits</b>	<b>\$ 1,783,848,429</b>	<b>\$ 1,767,579,590</b>	<b>\$ 16,268,839</b>

# June YTD 2023 Financial Information

## 5 Year Equity Ratio



# June YTD 2023 Financial Information Statements of Cash Flows

	June 30, 2023	June 30, 2022
<b>1. Cash flows from operating activities:</b>	<b>\$ 1,407,483</b>	<b>\$ 3,920,925</b>
Assignable margins		
Adjustments to reconcile assignment margins to net cash provided (used) by operating activities:		
Depreciation and amortization	36,339,581	38,090,115
Allowance for funds used during construction	(80,879)	(41,170)
Other non-cash charges	4,593,999	5,144,082
(Increase) decrease in assets	(1,543,954)	2,606,574
Increase (decrease) in liabilities	<u>(10,226,882)</u>	<u>(7,086,528)</u>
<b>Net cash provided by operating activities:</b>	<b>\$ 30,489,348</b>	<b>\$ 42,633,998</b>
<b>2. Cash flows from investing activities:</b>		
Return of capital from investment in associated organizations	359,285	285,149
Investment in special funds	(4,435,370)	2,407,309
Proceeds from capital grants	-	238,604
Extension and replacement of plant	<u>(33,427,789)</u>	<u>(25,305,668)</u>
<b>Net cash used in investing activities:</b>	<b>\$ (37,503,874)</b>	<b>\$ (22,374,606)</b>
<b>3. Cash flows from financing activities:</b>		
Net increase (decrease) in short-term obligations	33,000,000	(2,000,000)
Net increase (decrease) in long-term obligations	(35,868,667)	(31,140,667)
Net increase (decrease) in consumer advances/retired patronage/other	<u>9,487,312</u>	<u>3,459,752</u>
<b>Net cash provided by (used in) financing activities:</b>	<b>\$ 6,618,645</b>	<b>\$ (29,680,915)</b>
Net change in cash, cash equivalents & restricted cash	(395,881)	(9,421,523)
<b>4. <u>Cash, cash equivalents &amp; restricted cash at beginning of period</u></b>	<b>\$ 15,884,739</b>	<b>\$ 37,655,033</b>
<b>5. <u>Cash, cash equivalents and restricted cash at end of period</u></b>	<b>\$ 15,488,858</b>	<b>\$ 28,233,510</b>

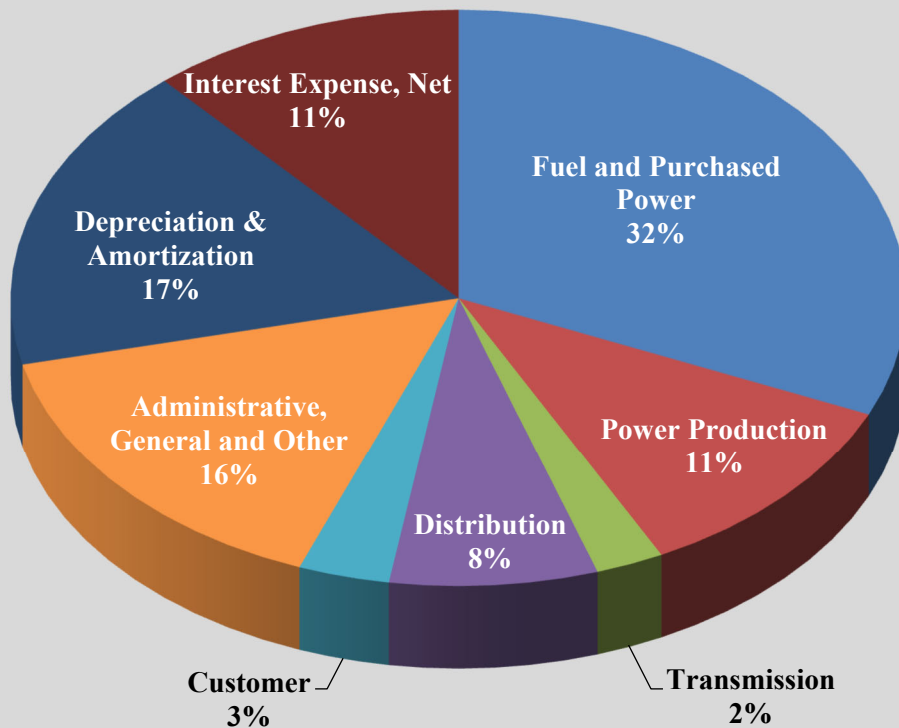


Questions?

## COMPARATIVE FINANCIAL REPORT STATEMENT OF OPERATIONS 2023 MTD ACTUAL TO BUDGET

CATEGORY	ACTUAL	BUDGET	VARIANCE
<b>Operating Revenue &amp; Patronage Capital</b>	<b>\$ 27,762,423</b>	<b>\$ 26,617,363</b>	<b>\$ 1,145,060</b>
Fuel and Purchased Power	9,214,392	7,796,498	1,417,894
Power Production	3,190,161	3,142,248	47,913
Transmission	716,641	983,769	(267,128)
Distribution	2,188,438	2,182,160	6,278
Customer	958,755	912,691	46,064
Administrative, General and Other	4,529,706	4,430,044	99,662
Depreciation & Amortization	5,036,691	5,351,657	(314,966)
Interest Expense, Net	3,331,163	3,260,588	70,575
<b>Total Cost of Electric Service</b>	<b>\$ 29,165,947</b>	<b>\$ 28,059,655</b>	<b>\$ 1,106,292</b>
<b>Patronage Capital &amp; Operating Margins</b>	<b>\$ (1,403,524)</b>	<b>\$ (1,442,292)</b>	<b>\$ 38,768</b>
Non-Operating Margins - Interest	80,575	73,405	7,170
AFUDC	18,986	12,500	6,486
Non-Operating Margins - Other	45,695	(10,850)	56,545
<b>Patronage Capital or Margins</b>	<b>\$ (1,258,268)</b>	<b>\$ (1,367,237)</b>	<b>\$ 108,969</b>

### Total Cost of Electric Service (MTD Actual)

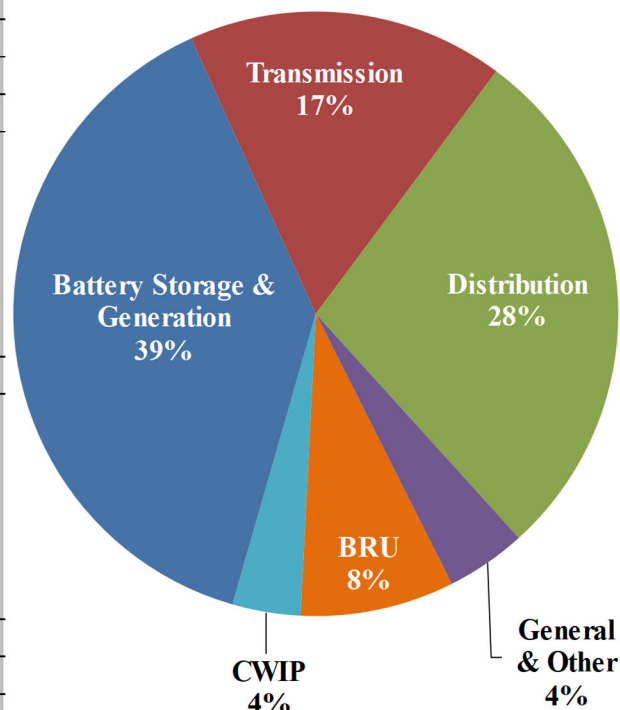




## BALANCE SHEET

ASSETS & OTHER DEBITS	6/30/2023	12/31/2022
Electric Plant in Service	2,126,163,037	2,109,990,748
Construction Work in Progress	80,295,387	52,721,736
<b>Total Utility Plant</b>	<b>\$ 2,206,458,424</b>	<b>\$ 2,162,712,484</b>
Accum. Prov. for Depreciation/Amortization	(730,447,043)	(702,820,630)
<b>Net Utility Plant</b>	<b>\$ 1,476,011,381</b>	<b>\$ 1,459,891,854</b>
Nonutility Property - Net	76,889	76,889
Financing & Operating Lease ROU Assets	3,807,521	4,048,789
Investment in Assoc. Organizations	6,633,888	6,993,487
Special Funds	27,593,703	26,275,805
Restricted Cash Equivalents & Other	30,000	30,000
Long-term Prepayments	206,925	305,854
<b>Total Other Property &amp; Investments</b>	<b>\$ 38,348,926</b>	<b>\$ 37,730,824</b>
Cash & Restricted Cash	15,458,858	15,854,739
Special Deposits	56,800	58,300
Accounts Receivable - Net	44,387,792	50,243,472
Materials and Supplies, Fuel Stock	67,824,555	68,199,774
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Deferred Debits	106,585,837	108,557,249
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Long-Term Debt - Bonds	1,094,733,329	1,128,549,996
Long-Term Debt - Other	16,872,000	18,924,000
Unamortized Debt Issuance Costs	(5,904,143)	(5,960,113)
Operating Lease Liabilities	3,565,397	3,583,801
Finance Lease Liabilities	195,053	203,786
<b>Total Long-Term Debt</b>	<b>\$ 1,109,461,636</b>	<b>\$ 1,145,301,470</b>
Notes Payable	126,967,655	94,178,851
Accounts Payable	45,083,235	26,356,140
Consumer Deposits	4,441,459	4,874,798
Other Current & Accrued Liabilities	52,713,656	53,272,014
<b>Total Current &amp; Accrued Liabilities</b>	<b>\$ 229,206,005</b>	<b>\$ 178,681,803</b>
Deferred Compensation	1,749,324	1,387,476
Other Liabilities, Non-Current	811,000	658,627
Deferred Liabilities	11,947,351	9,639,703
BRU Regulatory Liability	90,908,926	96,612,203
Cost of Removal Obligation	126,069,084	122,962,832
<b>Total Liabilities &amp; Other Credits</b>	<b>\$ 1,783,848,429</b>	<b>\$ 1,767,579,590</b>

### Total Utility Plant \$2,206,458,424

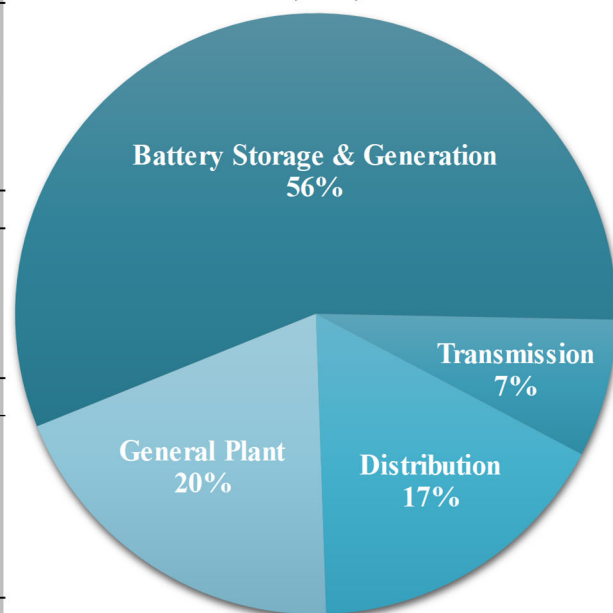


CWIP  
4%

General & Other  
4%



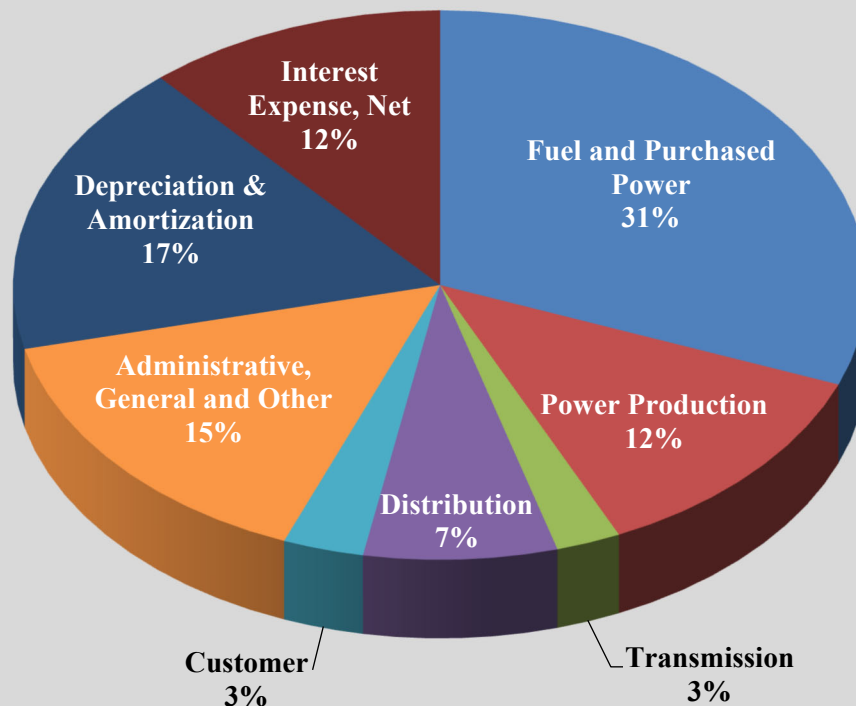
### Construction Work in Progress \$80,295,387



## COMPARATIVE FINANCIAL REPORT STATEMENT OF OPERATIONS 2023 YTD ACTUAL TO BUDGET

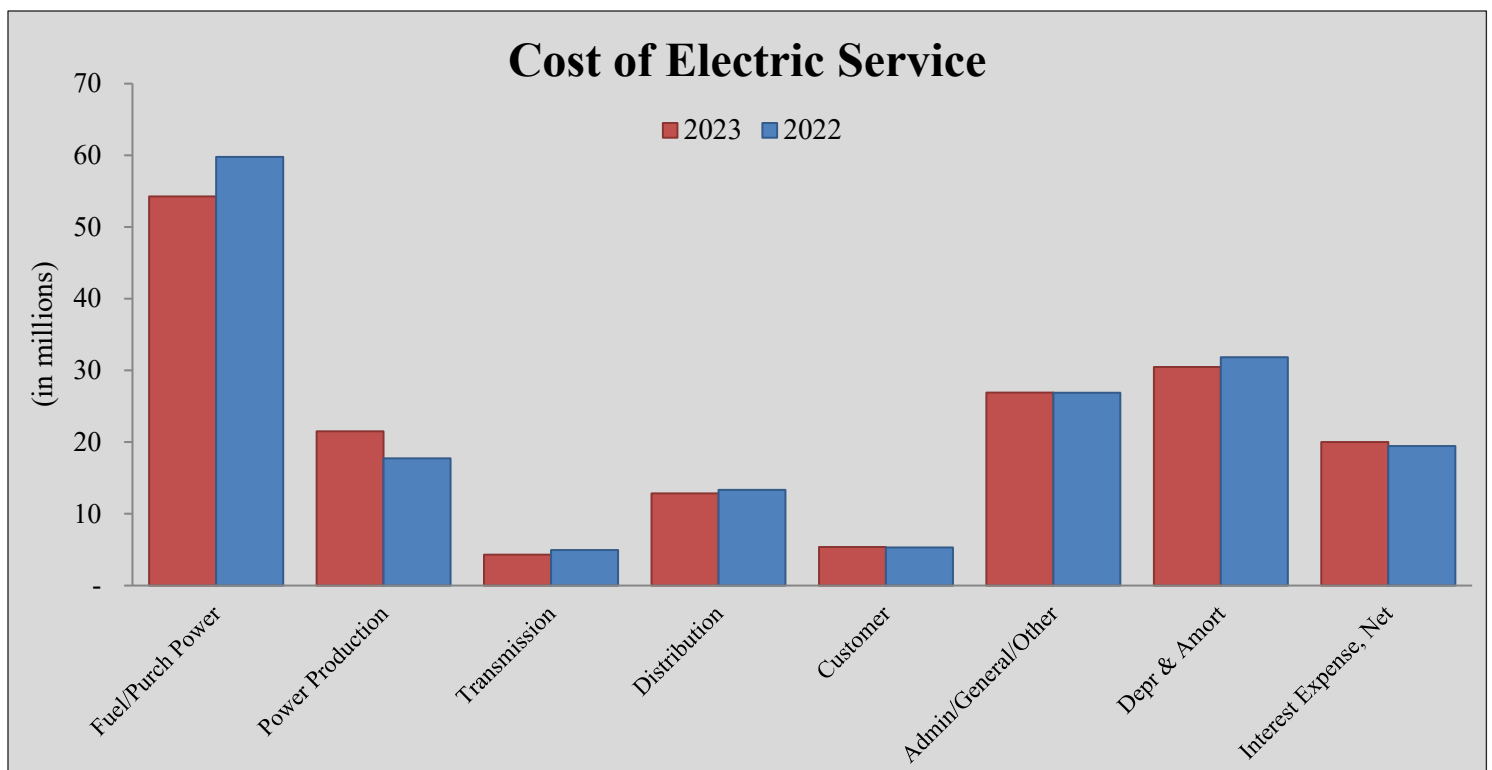
CATEGORY	ACTUAL	BUDGET	VARIANCE
<b>Operating Revenue &amp; Patronage Capital</b>	\$ 176,467,325	\$ 171,457,294	\$ 5,010,031
Fuel and Purchased Power	54,263,653	48,804,790	5,458,863
Power Production	21,497,061	19,060,593	2,436,468
Transmission	4,287,212	5,956,782	(1,669,570)
Distribution	12,852,015	13,203,399	(351,384)
Customer	5,364,837	5,540,918	(176,081)
Administrative, General and Other	26,903,236	26,786,148	117,088
Depreciation & Amortization	30,477,551	32,241,983	(1,764,432)
Interest Expense, Net	20,000,109	19,433,205	566,904
<b>Total Cost of Electric Service</b>	<b>\$ 175,645,674</b>	<b>\$ 171,027,818</b>	<b>\$ 4,617,856</b>
<b>Patronage Capital &amp; Operating Margins</b>	<b>\$ 821,651</b>	<b>\$ 429,476</b>	<b>\$ 392,175</b>
Non-Operating Margins - Interest	578,851	464,194	114,657
AFUDC	80,879	75,000	5,879
Non-Operating Margins - Other	(73,898)	(65,100)	(8,798)
<b>Patronage Capital or Margins</b>	<b>\$ 1,407,483</b>	<b>\$ 903,570</b>	<b>\$ 503,913</b>
MFI/I	1.07	1.04	
TIER	1.07	1.05	

### Total Cost of Electric Service (YTD Actual)

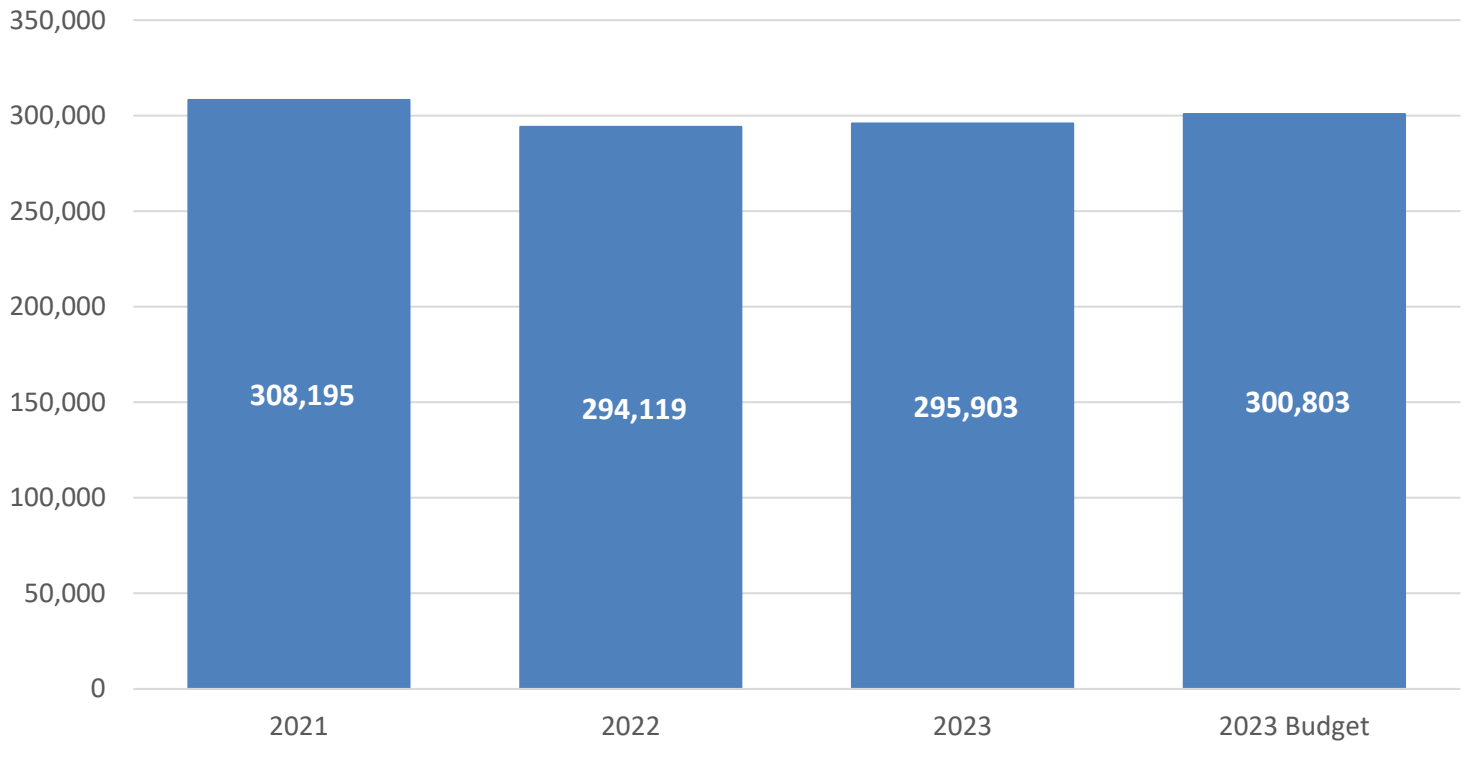


## COMPARATIVE FINANCIAL REPORT STATEMENT OF OPERATIONS CURRENT TO PRIOR YTD ACTUAL TO ACTUAL

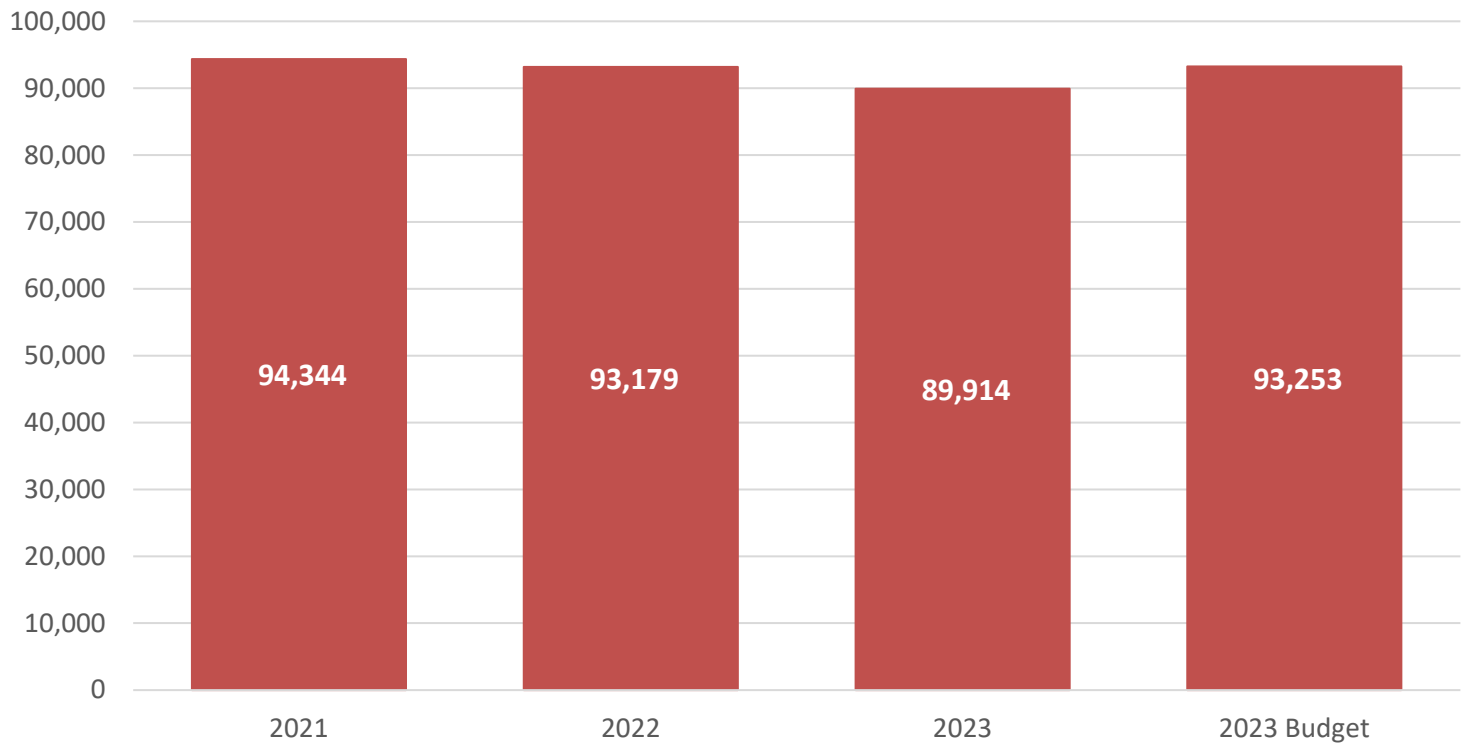
CATEGORY	2023	2022	VARIANCE
<b>Operating Revenue &amp; Patronage Capital</b>	<b>\$ 176,467,325</b>	<b>\$ 182,977,995</b>	<b>\$ (6,510,670)</b>
Fuel and Purchased Power	54,263,653	59,763,559	(5,499,906)
Power Production	21,497,061	17,724,354	3,772,707
Transmission	4,287,212	4,941,108	(653,896)
Distribution	12,852,015	13,327,931	(475,916)
Customer	5,364,837	5,302,619	62,218
Administrative, General and Other	26,903,236	26,876,793	26,443
Depreciation & Amortization	30,477,551	31,824,996	(1,347,445)
Interest Expense, Net	20,000,109	19,454,438	545,671
<b>Total Cost of Electric Service</b>	<b>\$ 175,645,674</b>	<b>\$ 179,215,798</b>	<b>\$ (3,570,124)</b>
<b>Patronage Capital &amp; Operating Margins</b>	<b>\$ 821,651</b>	<b>\$ 3,762,197</b>	<b>\$ (2,940,546)</b>
Non-Operating Margins - Interest	578,851	190,684	388,167
AFUDC	80,879	41,170	39,709
Non-Operating Margins - Other	(73,898)	(73,126)	(772)
<b>Patronage Capital or Margins</b>	<b>\$ 1,407,483</b>	<b>\$ 3,920,925</b>	<b>\$ (2,513,442)</b>
MFI/I	1.07	1.19	
TIER	1.07	1.19	



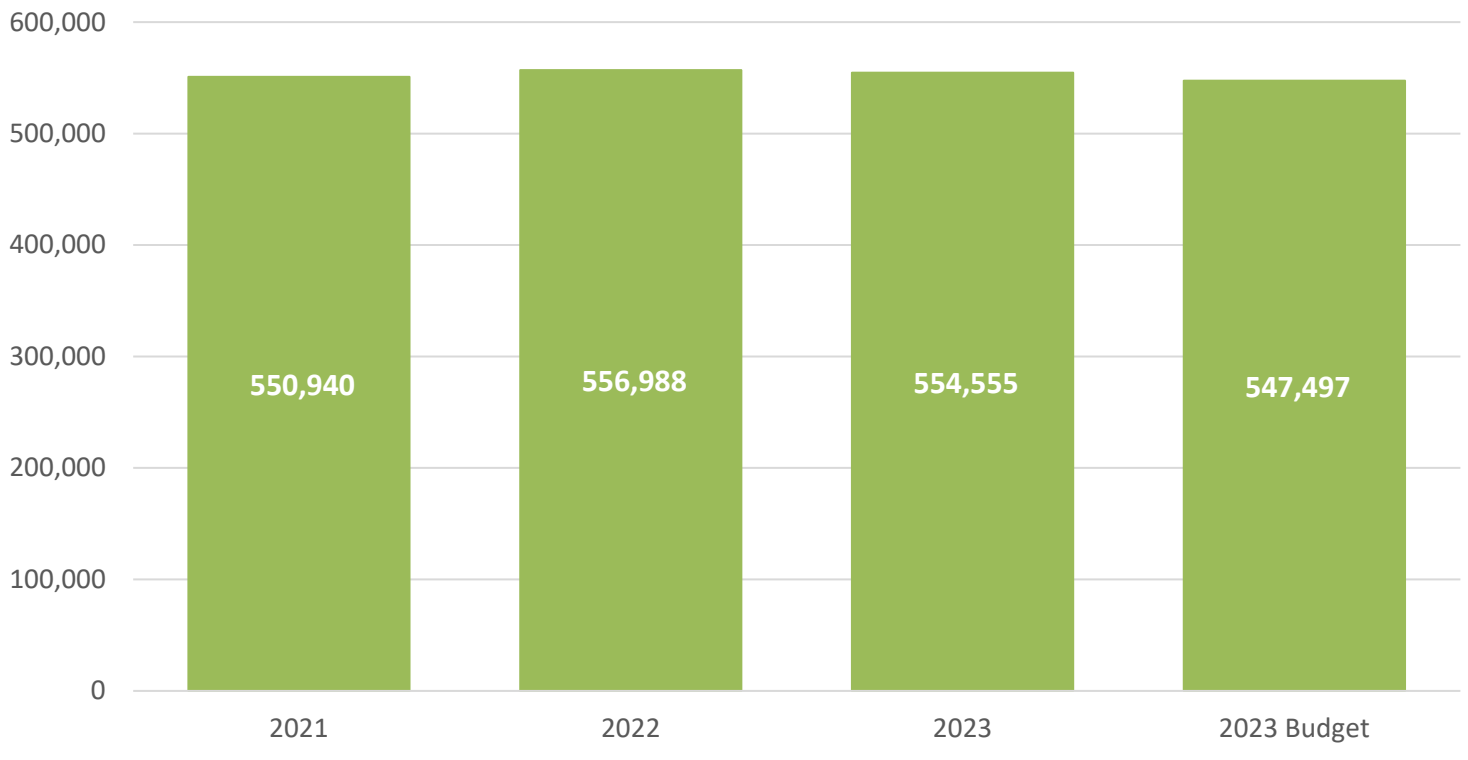
## Residential MWh Sales



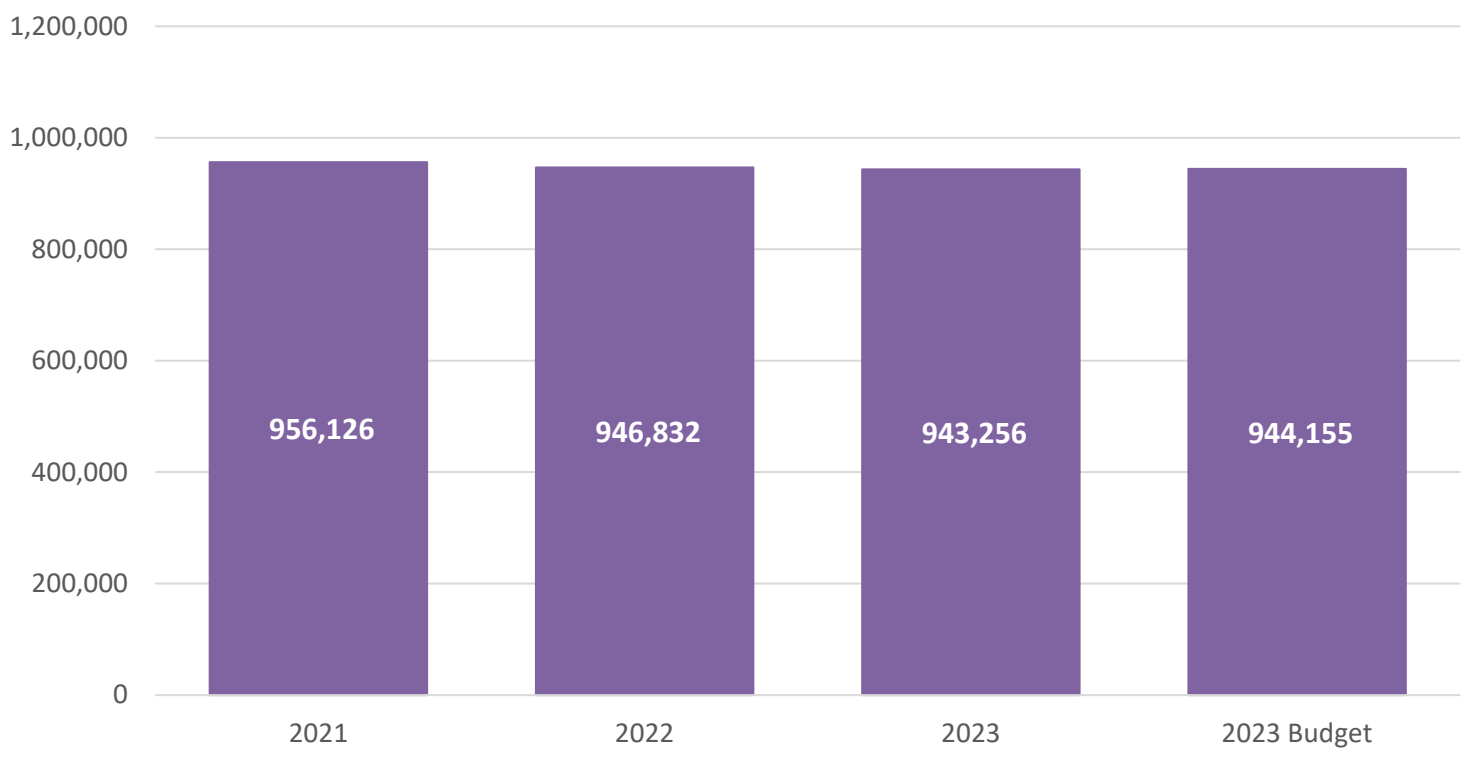
## Small Commercial MWh Sales



## Large Commercial MWh Sales

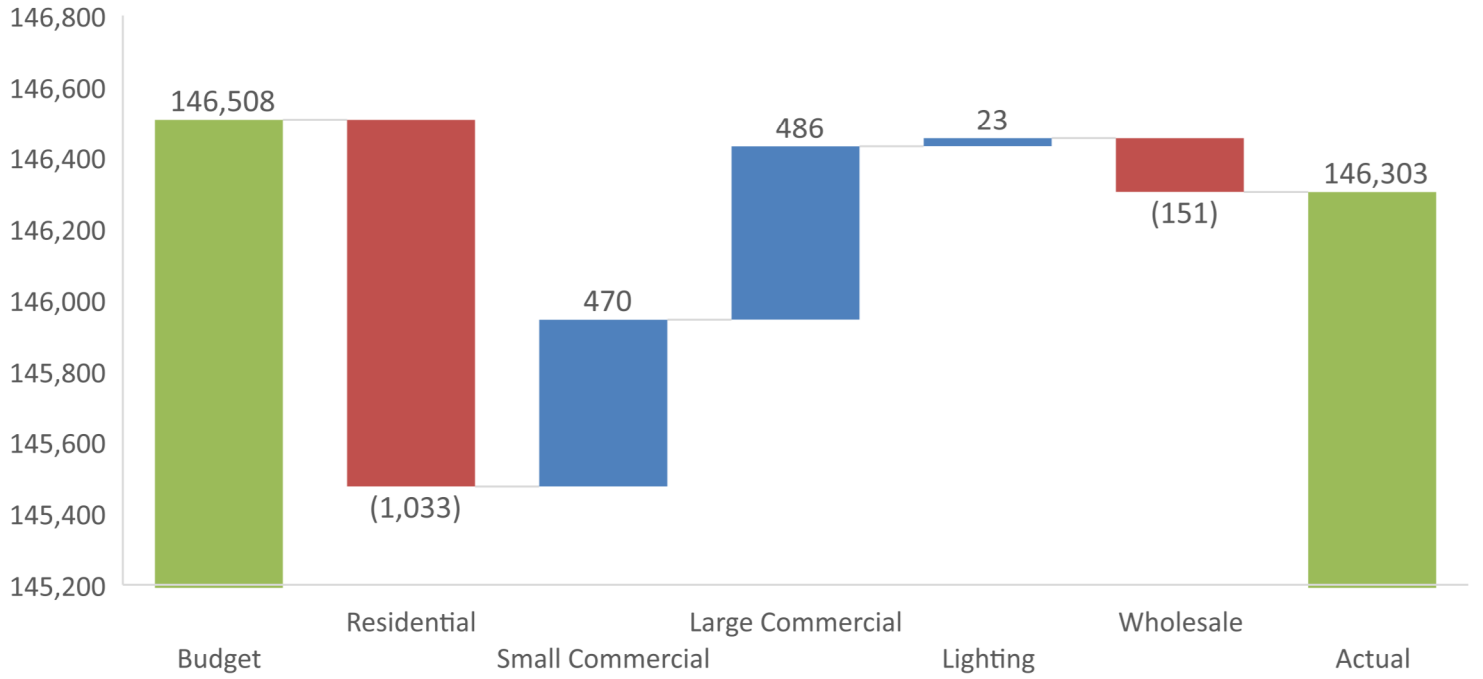


## Total Retail MWh Sales



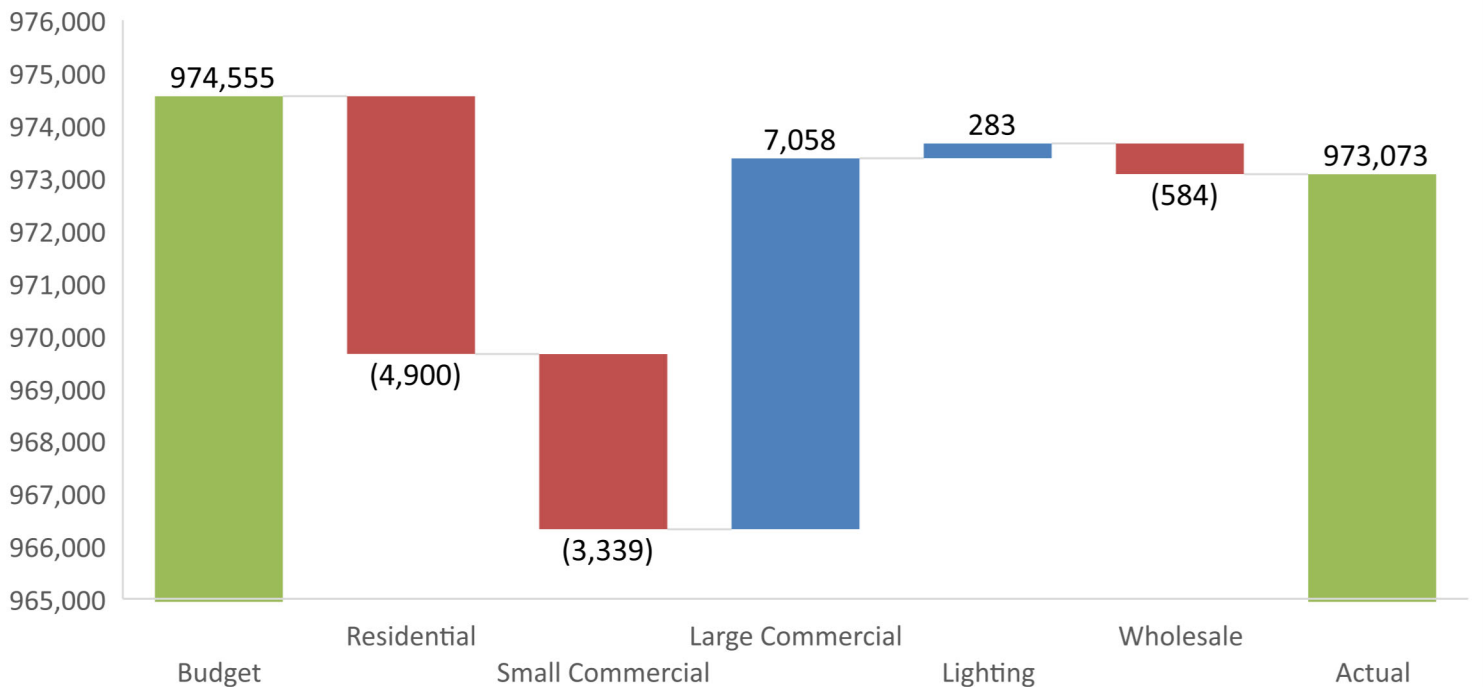
### Firm MWh Sales (MTD)

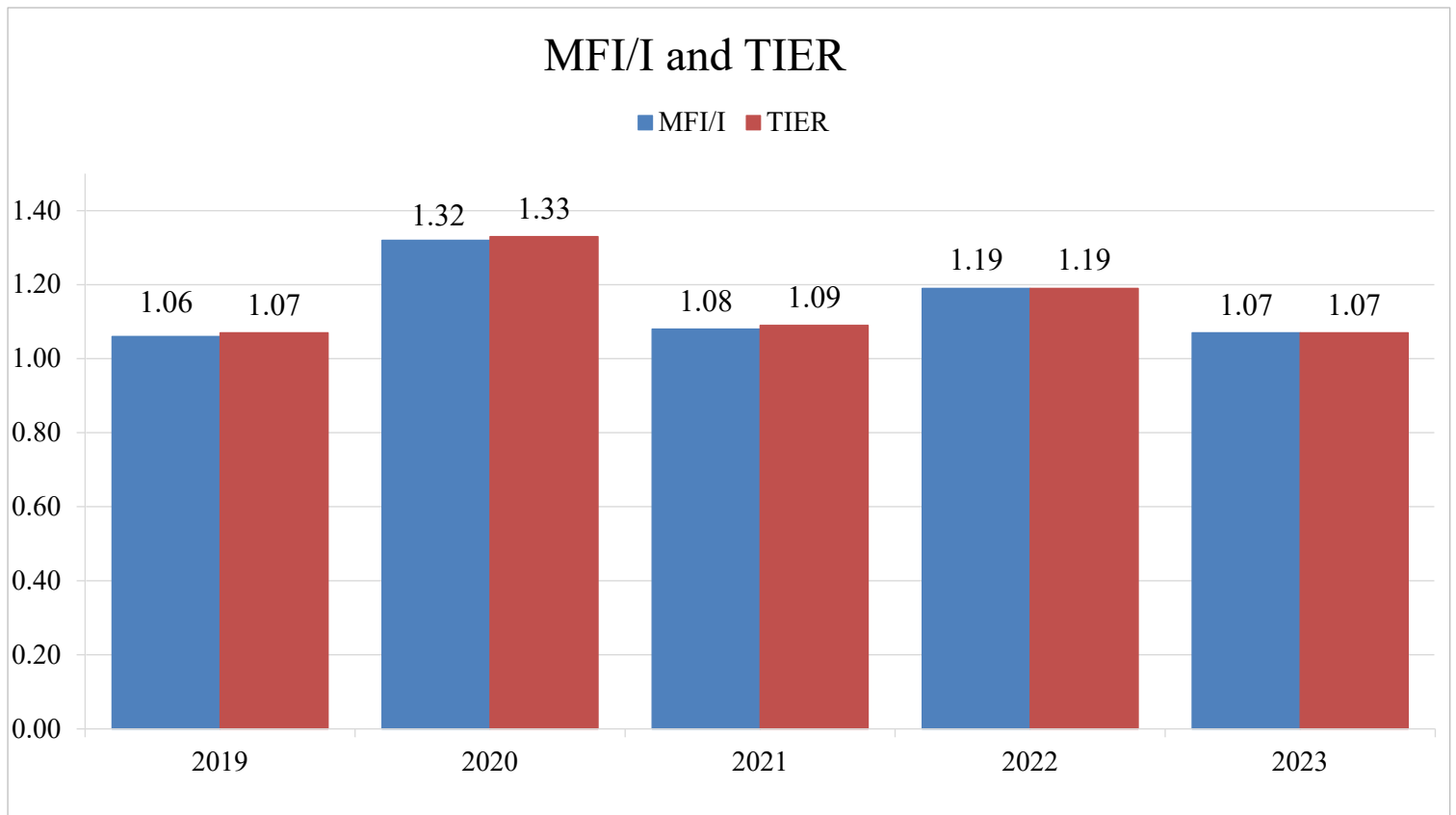
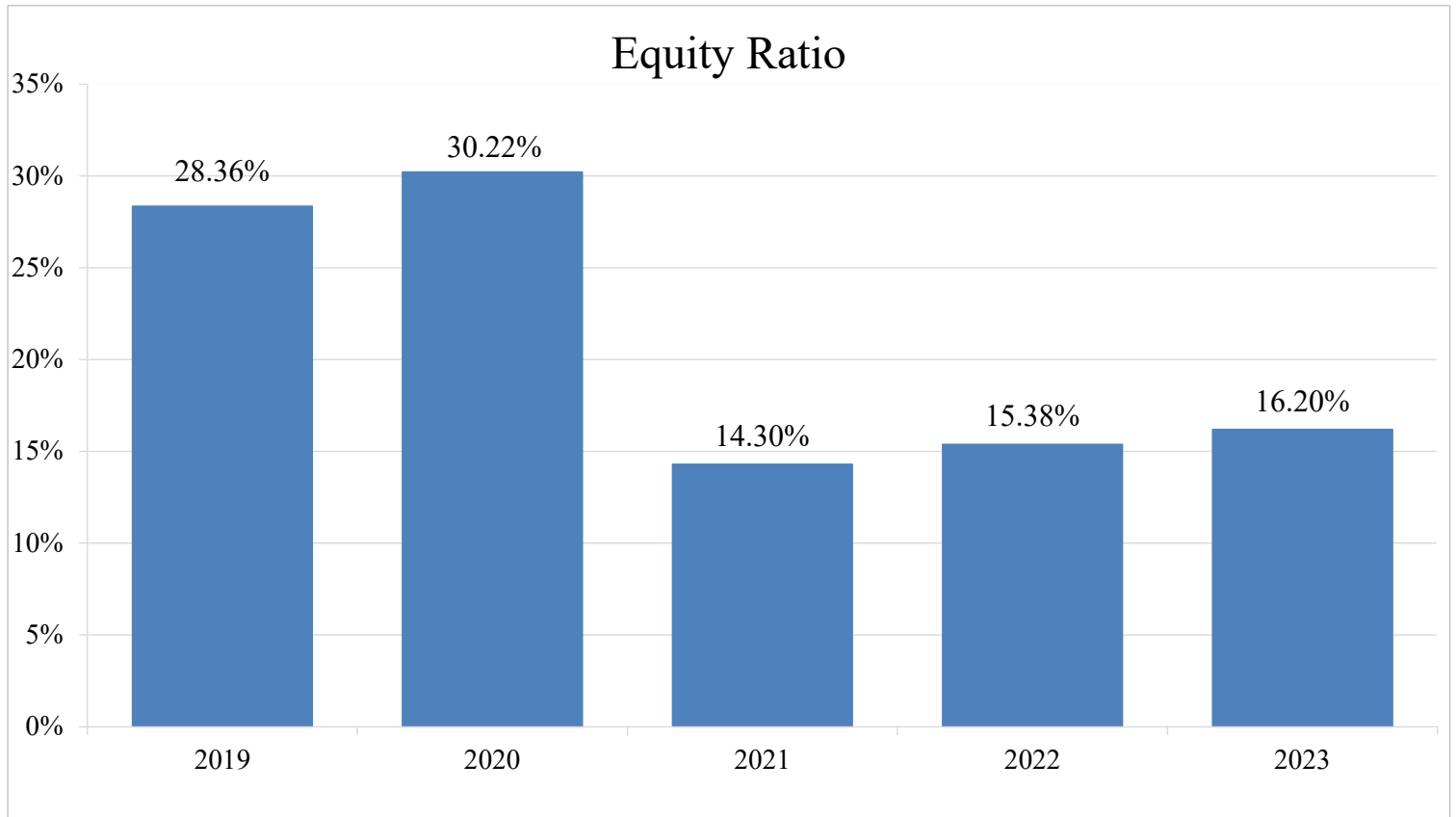
■ Increase ■ Decrease ■ Total



### Firm MWh Sales (YTD)

■ Increase ■ Decrease ■ Total





## ENERGY SALES (kWh)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Retail Energy Sales	943,256,404	944,155,251
Wholesale Energy Sales	<u>29,816,568</u>	<u>30,399,865</u>
Total Firm Energy Sales	973,072,972	974,555,116
Economy Energy/Capacity	84,500,000	63,012,829
Power Pool Sales	<u>97,660,000</u>	<u>81,000,000</u>
Total Energy Sales	1,155,232,972	1,118,567,945

Firm energy sales totaled 973,072,972 kWh, which was a 0.2% unfavorable variance compared to budget. This unfavorable variance was due to lower residential and small commercial sales, which was largely offset by higher large commercial sales. Economy energy and capacity sales were over budget by 34.1% due to higher than anticipated sales to GVEA, while power pool sales to MEA were over budget by 20.6%.

## ENERGY REVENUE (in millions)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Retail Revenue	\$ 165.0	\$ 164.1
Wholesale Revenue	<u>2.8</u>	<u>2.5</u>
Total Firm Revenue	167.8	166.6
Economy Energy/Capacity Revenue	4.3	1.2
Power Pool Revenue	1.3	0.9
Other Operating Revenue	<u>3.1</u>	<u>2.8</u>
Total Revenue	\$ 176.5	\$ 171.5

Revenue from firm sales was over budget at \$167.8 million compared to a budget of \$166.6 million. This favorable variance was due primarily to higher large commercial and wholesale revenue as a result of higher fuel and purchased power recovered in revenue, which was somewhat offset by lower residential, small commercial, and wholesale revenue as a result of lower sales. Economy energy and capacity revenue was over budget by 271.5%, due to higher sales, and higher economy fuel recorded in revenue as a result of our short-term support of GVEA's generation failures during the first quarter of the year. Power pool revenue with MEA was over budget at \$1.3 million compared to a budget of \$0.9 million. Other operating revenue includes late fees, pole rental, wheeling, microwave, BRU royalties, grants, AWWU revenue, miscellaneous services, and other electric revenue. Other operating revenue was over budget by 8.7%, due primarily to the sale of renewable energy certificates and miscellaneous service fees.



## FUEL AND PURCHASED POWER (in millions)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Fuel	\$ 38.0	\$ 35.0
Purchased Power	<u>16.3</u>	<u>13.8</u>
Total	\$ 54.3	\$48.8

Fuel expenses include fuel, storage, transportation, and BRU operating costs. Fuel expense was over budget at \$38.0 million compared to \$35.0 million in the budget.

Fuel purchased or withdrawn from inventory for production was 2,961,784 Mcf at an average effective price of \$8.81 per Mcf compared to 2,477,754 Mcf budgeted at an average effective price of \$9.01 per Mcf. Higher purchased fuel cost, due to economy sales and less BRU fuel used was somewhat offset by lower CINGSA fuel storage costs and BRU operating expenses.

Purchased power expense represents energy purchased from Bradley Lake, Fire Island, Eklutna, MEA through power pooling and other utilities as needed, as well as costs associated with dispatching. Purchased power expense was over budget at \$16.3 million compared to \$13.8 million in the budget. This unfavorable variance was due primarily to higher purchases from MEA through power pooling.

Energy purchased was 214,892 MWh at an average effective price of 6.2 cents per kWh compared to 181,754 MWh budgeted at an average effective price of 6.1 cents per kWh.

## POWER PRODUCTION (in millions)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Power Production	\$ 21.5	\$ 19.1

Power production expense was \$21.5 million compared to \$19.1 million in the budget. The unfavorable variance was due primarily to higher warehouse costs allocated to this financial category, higher labor at the Sullivan and Beluga plants, and higher maintenance expenses at Sullivan.

## TRANSMISSION OPERATIONS AND MAINTENANCE (in millions)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Transmission	\$ 4.3	\$ 6.0

Transmission operations and maintenance expenses were \$4.3 million compared to \$6.0 million in the budget. This favorable variance was due primarily to lower warehouse costs allocated to this financial category, lower costs related to power pool settlement studies, and tree clearing.

## DISTRIBUTION OPERATIONS AND MAINTENANCE (in millions)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Distribution	\$ 12.9	\$ 13.2

Distribution operations and maintenance expenses were \$12.9 million compared to \$13.2 million in the budget. This favorable variance was due primarily to lower tree clearing, which was somewhat offset by higher warehouse costs allocated to this financial category.

## CONSUMER ACCOUNTS / CUSTOMER INFORMATION (in millions)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Consumer/Customer Information	\$ 5.4	\$ 5.5

Consumer accounts and customer information expense was \$5.4 million compared to \$5.5 million in the budget. This favorable variance was due primarily to lower labor costs and allowance for uncollectible accounts, which was somewhat offset by higher payment processing fees.

## ADMINISTRATIVE, GENERAL AND OTHER (in millions)

	<u>2023 Actual</u>	<u>2023 Budget</u>
Administrative, General and Other	\$ 26.9	\$ 26.8

Administrative, general, and other expenses include tax, donations, other deductions associated with preliminary survey and investigation charges of projects, and obsolete inventory write-offs that are not attributable to operating or maintenance accounts. Administrative, general, and other expenses were materially consistent with budget as unbudgeted costs related to regulatory asset amortizations were offset by lower labor and PILT.

Depreciation, interest, and interest during construction expense totaled \$50.5 million compared to \$51.7 million in the budget. The favorable variance was due primarily to lower than anticipated depreciation rates as approved in our new depreciation study, which were somewhat offset by higher interest expense. The unfavorable interest expense variance was driven by higher short-term interest rates and a larger than budgeted commercial paper balance.

All the foregoing expenses resulted in the cost of electric service of \$175.6 million compared to \$171.0 million in the budget.

Non-operating margins include allowance for funds used during construction (AFUDC), capital credit and patronage capital allocations, extraordinary items, and interest and dividend income. Non-operating margins totaled \$585.8 thousand compared to \$474.1 thousand in the budget due primarily to higher non-operating interest income.

The net result of revenue and expenses was margins of \$1.4 million compared to projected margins of \$0.9 million in the budget. This resulted in an MFI/I of 1.07, a TIER of 1.07, and an equity-to-total capitalization ratio of 16.20%. The current forecast projects year-end margins of \$8.8 million, an MFI/I of 1.18, and TIER of 1.19.

**COMPARATIVE FINANCIAL REPORT  
STATEMENT OF OPERATIONS  
2023 YEAR-END FORECAST**

CATEGORY	YTD ACTUAL	YTD BUDGET	REVISED BUDGET	YEAR-END FORECAST
<b>Operating Revenue and Patronage Capital</b>	<b>\$ 176,467,325</b>	<b>\$ 171,457,294</b>	<b>\$ 355,033,525</b>	<b>\$ 354,253,050</b>
Fuel and Purchased Power Expense	54,263,653	48,804,790	100,583,752	100,583,752
Power Production Expense	21,497,061	19,060,593	37,356,737	38,696,091
Transmission Expense	4,287,212	5,956,782	11,617,536	10,515,462
Distribution Expense	12,852,015	13,203,399	26,635,196	26,955,352
Customer Expense	5,364,837	5,540,918	11,055,459	11,055,459
Administrative, General & Other	26,903,236	26,786,148	53,359,769	53,107,721
Depreciation and Amortization Expense	30,477,551	32,241,983	66,472,501	63,860,831
Interest Expense, Net	20,000,109	19,433,205	40,305,418	41,502,061
<b>Total Cost of Electric Service</b>	<b>\$ 175,645,674</b>	<b>\$ 171,027,818</b>	<b>\$ 347,386,368</b>	<b>\$ 346,276,729</b>
<b>Patronage Capital &amp; Operating Margins</b>	<b>\$ 821,651</b>	<b>\$ 429,476</b>	<b>\$ 7,647,157</b>	<b>\$ 7,976,321</b>
Non-Operating Margins - Interest	578,851	464,194	770,763	770,763
Allowance for Funds Used During Construction	80,879	75,000	150,000	150,000
Non-Operating Margins - Other	(73,898)	(65,100)	(130,200)	(130,200)
<b>Patronage Capital or Margins</b>	<b>\$ 1,407,483</b>	<b>\$ 903,570</b>	<b>\$ 8,437,720</b>	<b>\$ 8,766,884</b>
MFII	1.07	1.04	1.20	1.18
TIER	1.07	1.05	1.22	1.19

<sup>1</sup> Forecast has been adjusted to reflect anticipated changes



## **Quarterly Financial Report**

**As of and for the quarter ended June 30, 2023**

**CHUGACH ELECTRIC ASSOCIATION, INC.**

**Quarterly Financial Report**

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## **CAUTION REGARDING FORWARD-LOOKING STATEMENTS**

The statements in this report that do not relate to historical facts, including statements relating to future plans, events or performance, are forward-looking statements that involve risks and uncertainties. Actual results, events or performance may differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements that speak only as of the date of this report and the accuracy of which is subject to inherent uncertainty. It is suggested that these statements be read in conjunction with the audited financial statements for Chugach Electric Association, Inc. (“Chugach”) for the year ended December 31, 2022. Chugach undertakes no obligation to release any revisions to these forward-looking statements to reflect events or circumstances that may occur after the date of this report or the effect of those events or circumstances on any of the forward-looking statements contained in this report.

## **FINANCIAL STATEMENTS**

The unaudited financial statements and notes to the unaudited financial statements of Chugach as of and for the quarter ended June 30, 2023, follow.

**Chugach Electric Association, Inc.**  
**Consolidated Balance Sheets**

Assets	June 30, 2023	December 31, 2022
	(Unaudited)	
Utility plant:		
Electric plant in service	\$ 2,126,163,037	\$ 2,109,990,748
Construction work in progress	80,295,387	52,721,736
Total utility plant	2,206,458,424	2,162,721,484
Less accumulated depreciation	(730,447,044)	(702,820,630)
Net utility plant	1,476,011,380	1,459,891,854
Other property and investments, at cost:		
Nonutility property	76,889	76,889
Operating lease right-of-use assets	3,601,923	3,831,720
Financing lease right-of-use assets	205,598	217,069
Investments in associated organizations	6,633,888	6,993,487
Special funds	27,593,703	26,275,805
Restricted cash equivalents	30,000	30,000
Long-term prepayments	206,925	305,854
Total other property and investments	38,348,926	37,730,824
Current assets:		
Cash and cash equivalents	8,615,791	3,178,673
Special deposits	56,800	58,300
Restricted cash equivalents	6,843,067	12,676,066
Fuel cost under-recovery	8,187,203	1,579,375
BRU capital surcharge under-recovery	21,342,332	18,845,238
Accounts receivable, net	44,387,791	50,243,472
Materials and supplies	51,890,676	49,979,660
Fuel stock	15,933,878	18,220,114
Prepayments	5,267,176	6,239,353
Other current assets	377,572	379,412
Total current assets	162,902,286	161,399,663
Other non-current assets:		
Deferred charges, net	106,585,837	108,557,249
Total other non-current assets	106,585,837	108,557,249
Total assets	<u>\$ 1,783,848,429</u>	<u>\$ 1,767,579,590</u>

(Continued)

**Chugach Electric Association, Inc.**  
**Consolidated Balance Sheets**  
**(continued)**

Liabilities, Equities and Margins	June 30, 2023 (Unaudited)	December 31, 2022
<b>Equities and margins:</b>		
Memberships	\$ 2,002,773	\$ 1,986,171
Patronage capital	196,063,390	194,755,133
Other	15,628,941	15,594,172
Total equities and margins	213,695,104	212,335,476
<b>Long-term obligations, excluding current installments:</b>		
Bonds payable	1,094,733,329	1,128,549,996
Notes payable	16,872,000	18,924,000
Less unamortized debt issuance costs	(5,904,143)	(5,960,113)
Operating lease liabilities	3,565,397	3,583,801
Financing lease liabilities	195,053	203,786
Total long-term obligations	1,109,461,636	1,145,301,470
<b>Current liabilities:</b>		
Current installments of long-term obligations	48,967,655	49,178,581
Commercial paper	78,000,000	45,000,000
Accounts payable	45,083,235	26,356,140
Consumer deposits	4,441,459	4,874,798
Accrued interest	8,125,889	8,454,148
Salaries, wages, and benefits	13,196,294	12,103,644
Fuel	4,904,471	6,933,243
Undergrounding ordinance liabilities	14,601,354	11,894,343
Settlement obligation	6,402,131	12,181,556
Other current liabilities	5,483,646	1,705,080
Total current liabilities	229,206,004	178,681,803
<b>Other non-current liabilities:</b>		
Deferred compensation	1,749,324	1,387,476
Other liabilities, non-current	811,000	658,627
Deferred liabilities	11,947,351	9,639,703
BRU regulatory liability	90,908,926	96,612,203
Cost of removal obligation / asset retirement obligation	126,069,084	122,962,832
Total other non-current liabilities	231,485,685	231,260,841
Total liabilities, equities, and margins	\$ 1,783,848,429	\$ 1,767,579,590

See accompanying notes to financial statements.



**Chugach Electric Association, Inc.**  
**Consolidated Statements of Operations**

	Three months ended June 30,		Six months ended June 30,	
	2023	2022	2023	2022
	(Unaudited)		(Unaudited)	
Operating revenues	\$ 85,436,631	\$ 86,605,465	\$ 176,467,325	\$ 182,977,995
<b>Operating expenses:</b>				
Fuel	19,331,902	23,394,968	37,981,764	49,999,813
Production	11,114,873	8,934,137	21,497,061	17,724,354
Purchased power	8,284,953	4,281,745	16,281,889	9,763,746
Transmission	2,047,926	2,316,038	4,287,212	4,941,108
Distribution	6,384,835	6,998,586	12,852,015	13,327,931
Consumer accounts	2,462,482	2,641,317	5,364,837	5,302,619
Administrative, general, and other	13,184,140	13,305,569	26,903,236	26,876,793
Depreciation and amortization	14,886,530	16,090,541	30,477,551	31,824,996
Total operating expenses	\$ 77,697,641	\$ 77,962,901	\$ 155,645,565	\$ 159,761,360
<b>Interest expense:</b>				
Long-term debt and other	10,769,612	10,236,673	21,444,072	20,665,351
Charged to construction	(720,957)	(614,246)	(1,443,963)	(1,210,913)
Interest expense, net	\$ 10,048,655	\$ 9,622,427	\$ 20,000,109	\$ 19,454,438
Net operating margins	\$ (2,309,665)	\$ (979,863)	\$ 821,651	\$ 3,762,197
<b>Nonoperating margins:</b>				
Interest income	282,363	111,726	578,851	190,684
Allowance for funds used during construction	39,868	21,807	80,879	41,170
Capital credits, patronage dividends and other	26,725	1,940	(73,898)	(73,126)
Total nonoperating margins	\$ 348,956	\$ 135,473	\$ 585,832	\$ 158,728
Assignable margins	<u>\$ (1,960,709)</u>	<u>\$ (844,390)</u>	<u>\$ 1,407,483</u>	<u>\$ 3,920,925</u>

See accompanying notes to financial statements.

**Chugach Electric Association, Inc.**  
**Consolidated Statements of Changes in Equities and Margins**

	Three months ended June 30,		Six months ended June 30,	
	2023	2022	2023	2022
<b>Memberships:</b>	(Unaudited)		(Unaudited)	
Balance at beginning of period	\$ 1,993,341	\$ 1,957,196	\$ 1,986,171	\$ 1,949,262
Memberships and donations received	9,432	10,080	16,602	7,934
Balance at end of period	<u>\$ 2,002,773</u>	<u>\$ 1,967,276</u>	<u>\$ 2,002,773</u>	<u>\$ 1,957,196</u>
<b>Other equities and margins:</b>				
Balance at beginning of period	15,613,200	15,500,018	15,594,172	15,477,923
Unclaimed capital credits retired	(4,343)	(4,162)	(7,631)	(2,434)
Memberships and donations received	20,084	27,947	42,400	24,529
Balance at end of period	<u>\$ 15,628,941</u>	<u>\$ 15,523,803</u>	<u>\$ 15,628,941</u>	<u>\$ 15,500,018</u>
<b>Patronage capital:</b>				
Balance at beginning of period	198,069,487	193,279,464	194,755,133	188,573,753
Assignable margins	(1,960,709)	(844,390)	1,407,483	4,765,315
Retirement/net transfer of capital credits	(45,388)	(78,982)	(99,226)	(59,604)
Balance at end of period	<u>\$ 196,063,390</u>	<u>\$ 192,356,092</u>	<u>\$ 196,063,390</u>	<u>\$ 193,279,464</u>
<b>Total equities and margins</b>	<u>\$ 213,695,104</u>	<u>\$ 209,847,172</u>	<u>\$ 213,695,104</u>	<u>\$ 210,736,678</u>

See accompanying notes to financial statements.

**Chugach Electric Association, Inc.**  
**Consolidated Statements of Cash Flows**

	Six months ended June 30,	
	2023	2022
<b>Cash flows from operating activities:</b>	(Unaudited)	
Assignable margins	\$ 1,407,483	\$ 3,920,925
<b>Adjustments to reconcile assignable margins to net cash provided by operating activities:</b>		
Depreciation, depletion, and amortization	30,477,551	31,824,996
Amortization and depreciation cleared to operating expenses	5,862,030	6,265,119
Allowance for funds used during construction	(80,879)	(41,170)
Write off of inventory, deferred charges, and projects	89,352	360,319
PILT	4,537,314	4,654,653
Other	(32,667)	129,110
<b>(Increase) decrease in assets:</b>		
Accounts receivable, net	6,786,535	5,498,909
Fuel cost under-recovery	(6,607,828)	(1,843,212)
Materials and supplies	(1,933,737)	(1,415,426)
Fuel stock	2,286,236	2,215,792
Prepayments	1,071,106	421,514
Other assets	3,654	361,257
Deferred charges	(3,149,920)	(2,632,260)
<b>Increase (decrease) in liabilities:</b>		
Accounts payable	(4,133,948)	2,496,032
Consumer deposits	(433,339)	(627,325)
Fuel cost over-recovery	-	(1,281,307)
Accrued interest	(328,259)	(281,446)
Salaries, wages, and benefits	1,092,520	140,355
Fuel	(2,028,772)	2,033,466
Other current liabilities	(340,406)	(264,386)
Deferred liabilities	(4,054,678)	(9,301,920)
<b>Net cash provided by operating activities</b>	<b>30,489,348</b>	<b>42,633,998</b>
<b>Cash flows from investing activities:</b>		
Return of capital from investment in associated organizations	359,285	285,149
Investment in special funds	(4,435,370)	2,407,309
Proceeds from capital grants	-	238,604
Extension and replacement of plant	(33,427,789)	(25,305,667)
<b>Net cash used in investing activities</b>	<b>(37,503,874)</b>	<b>(22,374,606)</b>
<b>Cash flows from financing activities:</b>		
Net increase (decrease) in short-term obligations	33,000,000	(2,000,000)
Repayments of long-term obligations	(35,868,667)	(31,140,667)
Memberships and donations received	51,371	63,894
Retirement of patronage capital and estate payments	(144,226)	(138,586)
Proceeds from consumer advances for construction	9,580,167	3,534,444
Transfer of restricted cash equivalents	-	-
<b>Net cash provided by (used in) financing activities</b>	<b>6,618,645</b>	<b>(29,680,915)</b>
Net change in cash, cash equivalents, and restricted cash equivalents	(395,881)	(9,421,523)
<b>Cash, cash equivalents, and restricted cash equivalents at beginning of period</b>	<b>\$ 15,884,739</b>	<b>\$ 37,655,033</b>
<b>Cash, cash equivalents, and restricted cash equivalents at end of period</b>	<b>\$ 15,488,858</b>	<b>\$ 28,233,510</b>
<b>Supplemental disclosure of non-cash investing and financing activities:</b>		
Cost of removal obligation	\$ 3,106,252	\$ 3,444,040
Extension and replacement of plant included in accounts payable	\$ 25,507,510	\$ 2,328,488
Supplemental disclosure of cash flow information - interest expense paid, net of amounts capitalized	\$ 19,587,754	\$ 18,973,892

**Chugach Electric Association, Inc.**  
**Notes to Consolidated Financial Statements**  
**June 30, 2023 and 2022**

**(1) Presentation of Financial Information**

The accompanying unaudited interim financial statements include the accounts of Chugach Electric Association, Inc. (“Chugach”) and have been prepared in accordance with generally accepted accounting principles for interim financial information. Accordingly, they do not include all of the information and footnotes required by United States of America generally accepted accounting principles (“U.S. GAAP”) for complete financial statements. They should be read in conjunction with Chugach’s audited financial statements for the year ended December 31, 2022. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation have been included. The results of operations for interim periods are not necessarily indicative of the results that may be expected for an entire year or any other period.

**(2) Description of Business and Presentation of Financial Information**

*Description of Business*

Chugach Electric Association, Inc. (“Chugach”) is the largest electric utility in Alaska engaged in the generation, transmission, and distribution of electricity in Anchorage and the upper Kenai Peninsula area. Chugach is on an interconnected regional electrical system referred to as the Alaska Railbelt, a 400-mile-long area stretching from the coastline of the southern Kenai Peninsula to the interior of the state, including Alaska's largest cities, Anchorage and Fairbanks.

Chugach’s retail and wholesale members are the consumers of the electricity sold. Chugach supplies much of the power requirements to the City of Seward (“Seward”), as a wholesale customer. Occasionally, Chugach sells available generation, in excess of its own needs, to Matanuska Electric Association, Inc. (“MEA”), Homer Electric Association, Inc. (“HEA”), and Golden Valley Electric Association, Inc. (“GVEA”). Power pool sales to MEA began in April 2021.

Chugach was organized as an Alaska electric cooperative in 1948 and operates on a not-for-profit basis and, accordingly, seeks only to generate revenues sufficient to pay operating and maintenance costs, the cost of purchased power, capital expenditures, depreciation, and principal and interest on all indebtedness and to provide for reserves. Chugach is subject to the authority of the Regulatory Commission of Alaska (“RCA”).

On October 30, 2020, Chugach acquired substantially all of the assets of Municipal Light & Power (“ML&P”) from the Municipality of Anchorage, Alaska (“MOA”). Chugach refers to the legacy service territories as Chugach’s South (Chugach) and North (ML&P) districts.

The consolidated financial statements include the activity of Chugach and the activity of the Beluga River Unit (“BRU”). Chugach accounts for its share of BRU activity using proportional consolidation (see Note 8 – “Beluga River Unit”). Intracompany activity has been eliminated for presentation of the consolidated financial statements.

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**(3) Significant Accounting Policies**

*a. Management Estimates*

In preparing the financial statements in conformity with U.S. GAAP, the management of Chugach is required to make estimates and assumptions relating to the reporting of assets and liabilities and the disclosure of contingent assets and liabilities as of the date of the balance sheet and revenues and expenses for the reporting period. Estimates include the fair value of assets acquired and liabilities assumed, allowance for doubtful accounts, workers' compensation liability, deferred charges and liabilities, unbilled revenue, estimated useful life of utility plant, cost of removal and asset retirement obligation ("ARO"), and remaining proved BRU reserves. Actual results could differ from those estimates.

*b. Regulation*

The accounting records of Chugach conform to the Uniform System of Accounts as prescribed by the Federal Energy Regulatory Commission ("FERC"). Chugach meets the criteria, and accordingly, follows the accounting and reporting requirements of Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 980, "Topic 980 - Regulated Operations." FASB ASC 980 provides for the recognition of regulatory assets and liabilities as allowed by regulators for costs or credits that are reflected in current rates or are considered probable of being included in future rates. Regulated rates are established to recover all specific costs of providing electric service. In each rate filing, rates are set at levels to recover all specific allowable costs and those rates are then collected from our retail and wholesale customers. The regulatory assets or liabilities are then reduced as the cost or credit is reflected in earnings and our rates, see *Note (3g) – "Deferred Charges and Liabilities."*

*c. Investments in Associated Organizations*

Chugach's investments in associated organizations are considered equity securities without readily determinable fair values, and as such are measured at cost minus impairment, if any. There were no impairments of these investments recognized during the six months ended June 30, 2023, or 2022.

*d. Special Funds*

Special funds include deposits associated with the deferred compensation plan and investments associated with the BRU. The BRU ARO investment was established pursuant to an agreement with the State of Alaska and was \$23.7 million and \$20.1 million as of June 30, 2023 and December 31, 2022, respectively. Additional funds associated with the BRU for which the RCA has specified the use was \$2.2 and \$4.8 million at June 30, 2023 and December 31, 2022, respectively. Currently, its use is for fuel price volatility in future periods. On May 16, 2022, Chugach received approval to adopt a forward-funding recovery structure for BRU capital expenditures through a BRU Capital Reserve Surcharge on an interim, non-refundable basis. This account is being used to fund current and future years BRU capital requirements. The BRU Capital Reserve Surcharge provides for the exact recovery of BRU capital requirements through a balancing account.

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*e. Cash, Cash Equivalents, and Restricted Cash Equivalents*

The following table provides a reconciliation of cash, cash equivalents, and restricted cash equivalents reported within the Consolidated Balance Sheet that sum to the total of the same amounts shown in the Consolidated Statements of Cash Flows.

	June 30, 2023	December 31, 2022
Cash and cash equivalents	\$ 8,615,791	\$ 3,178,673
Restricted cash equivalents	6,843,067	12,676,066
Restricted cash equivalents included in other property and investments	30,000	30,000
Total cash, cash equivalents and restricted cash equivalents shown in the consolidated statements of cash flows	\$ 15,488,858	\$ 15,884,739

Restricted cash equivalents include funds on deposit for future workers' compensation claims and funds from the MOA to be used for a rate reduction refund to the North District members as ordered by the RCA, which was \$6.4 million and \$12.2 million at June 30, 2023 and December 31, 2022, respectively. Restricted assets, including cash equivalents, are recognized on Chugach's Consolidated Balance Sheet when they are restricted as to withdrawal or usage.

*f. Fuel Stock*

Fuel Stock is the weighted average cost of fuel injected into Cook Inlet Natural Gas Storage Alaska ("CINGSA"). Chugach's fuel balance in storage amounted to \$15.9 million and \$18.2 million at June 30, 2023 and December 31, 2022, respectively.

*g. Deferred Charges and Liabilities*

Deferred charges include regulatory assets recorded in accordance with FASB ASC 980 and includes costs associated with the ML&P acquisition and integration, which were \$106.6 million and \$79.4 million at June 30, 2023, and December 31, 2022, respectively.

*h. Income Taxes*

Chugach is exempt from federal income taxes under the provisions of Section 501(c)(12) of the Internal Revenue Code and for the six months ended June 30, 2023, and 2022, was in compliance with that provision. In addition, as described in *Note 11 – "Commitments and Contingencies,"* Chugach collects sales tax and is assessed gross revenue and excise taxes which are presented on a net basis in accordance with FASB ASC 606-10-65, "Topic 606 - Revenue from Contracts with Customers."

Chugach applies a more-likely-than-not recognition threshold for all tax uncertainties. FASB ASC 740, "Topic 740 – Income Taxes," only allows the recognition of those tax benefits that have a greater than fifty percent likelihood of being sustained upon examination by the taxing authorities. Chugach's management reviewed Chugach's tax positions and determined there were no outstanding or retroactive tax positions that were not highly certain of being sustained upon examination by the taxing authorities.

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**(4) Fair Value of Assets and Liabilities**

Fair Value Hierarchy

In accordance with FASB ASC 820, Chugach groups its financial assets and liabilities measured at fair value in three levels, based on the markets in which the assets and liabilities are traded and the reliability of the assumptions used to determine fair value. These levels are:

Level 1 – Valuation is based upon quoted prices for identical instruments traded in active exchange markets, such as the New York Stock Exchange. Valuations are obtained from readily available pricing sources for market transactions involving identical assets or liabilities.

Level 2 – Valuation is based upon quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-based valuation techniques for which all significant assumptions are observable in the market.

Level 3 – Valuation is generated from model-based techniques that use significant assumptions not observable in the market. These unobservable assumptions reflect Chugach’s estimates of assumptions that market participants would use in pricing the asset or liability. Valuation techniques include use of option pricing models, discounted cash flow models and similar techniques.

The table below presents the balance of Chugach’s investment accounts associated with the BRU ARO, Restricted Rate Reduction (“RRR”) funds and other obligations, which are comprised of bond and equity securities. Chugach had no other assets or liabilities measured at fair value on a recurring basis at June 30, 2023, or December 31, 2022.

June 30, 2023	Total	Level 1	Level 2	Level 3
BRU ARO Fund	\$ 23,684,815	\$ 21,095,603	\$ 2,589,212	\$ 0
RRR Fund	\$ 6,393,067	\$ 6,393,067	\$ 0	\$ 0
Future Gas Purchases Fund	\$ 2,159,561	\$ 2,159,561	\$ 0	\$ 0
December 31, 2022	Total	Level 1	Level 2	Level 3
BRU ARO Fund	\$ 20,144,870	\$ 18,004,464	\$ 2,110,406	\$ 0
RRR Fund	\$ 12,174,066	\$ 12,174,066	\$ 0	\$ 0
Future Gas Purchases Fund	\$ 4,773,459	\$ 4,773,459	\$ 0	\$ 0

Fair Value of Financial Instruments

Fair value estimates are dependent upon subjective assumptions and involve significant uncertainties resulting in variability in estimates with changes in assumptions. The fair value of cash, cash equivalents, restricted cash equivalents, accounts receivable and payable, and other short-term monetary assets and liabilities approximate carrying value due to their short-term nature.

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The estimated fair values of long-term obligations included in the financial statements at June 30, 2023, are as follows (dollars in thousands):

	Carrying Value	Fair Value Level 2
Long-term obligations (including current installments)	\$ 1,160,526	\$ 956,804

**(5) Accounting Pronouncements**

It has been determined that none of the Accounting Standards Updates (“ASU”) issued by the Financial Accounting Standards Board (“FASB”), during the first half of 2023 are applicable to CEA.

**(6) Regulatory Matters**

General Rate Case Filing

On June 30, 2023, Chugach submitted a general rate case filing to the RCA. The filing includes a revenue requirement study, a cost of service study, a cost of capital study, and a proposed rate design to unify the rates for Chugach’s North and South Districts. Chugach is requesting approval to increase its system authorized Times Interest Earned Ratio (“TIER”) from 1.55 to 1.75, and to eliminate the current differentiated TIER levels between Chugach’s Generation and Transmission (“G&T”) and Distribution functions. The filing presents an alternative rate design that mitigates some of the rate impacts resulting from consolidating two different rate structures.

Based on the 1.75 TIER, proposed in the cost of capital study, Chugach’s revenue requirement is \$264.4 million. Although sales levels are lower than they were the last time pre-acquisition Chugach and ML&P filed their revenue requirement studies, post-acquisition related cost savings largely offset inflationary cost increases which resulted in a much lower revenue deficiency than would have occurred without the acquisition.

Because general rate case filings can take up to 15 months to adjudicate, Chugach has requested approval of an interim rate increase to be effective September 1, 2023. On August 17, 2023 the RCA suspended Chugach’s tariff filing into a docket, as expected, and approved interim and refundable rate increases of 5.54% for retail customers and 10.55% for its wholesale class of service to Seward Electric System. The interim rate increase will provide additional revenue of approximately \$12.7 million annually, or \$4.2 million during the last four months of 2023.

The permanent rates proposed in this filing are projected to become effective between September and August 2024. Incorporating the 1.75 TIER proposed in the cost of capital study, compared to current bill levels, the permanent rate increase would increase total bills for Chugach’s retail class by approximately 5.8 percent, or an additional 2.2 percent after the interim rate increase. On an annual basis, the permanent rate increase is expected to increase revenue by approximately \$20.4 million and provide \$28.9 million in margins.

Potential Margin Shortfalls Due to Lower Sales

On July 1, 2021, Chugach submitted a petition to the RCA requesting approval to modify the Stipulation Resolving All Issues (as approved in Order No. U-18-102(44)/U-19-020(39)/U-19-021(39)), in response to reductions in sales due, in part, to the COVID-19 pandemic. In the petition, Chugach requested approval to modify the amortization amounts for the Secondary Regulatory Asset and the



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Eklutna Purchased Power Agreement (“PPA”) payments, as and if needed, that would allow Chugach to achieve a Margins for Interest (“MFI/I”) of 1.20 for 2021, 2022 and 2023. On July 30, 2021, the RCA issued Order No. U-19-020(47)/U-19-021(47) partially denying the petition, and opening Docket U-21-059 for investigation of Chugach’s projected margin shortfall. In Order No. 1, the RCA indicated that a decision would be issued by July 29, 2022. On August 10, 2021, Chugach requested expedited consideration requesting that a decision be issued by the RCA by November 12, 2021. A hearing was held on September 23, 2021, to address Chugach’s request to modify the Stipulation.

On November 9, 2021, the RCA issued an order authorizing Chugach to modify the amortization of its Secondary Regulatory asset and defer the Eklutna PPA payments, if needed, to achieve a MFI/I of not more than 1.20 for 2021. Additionally, the RCA required Chugach to submit a filing to propose an alternative solution for years 2022 and 2023. Chugach submitted the proposed alternative solution; however, in response to issues raised by select members, withdrew this filing on January 20, 2022. On February 28, 2022, Chugach submitted a petition to the RCA requesting approval to defer up to \$8.8 million of the secondary regulatory asset and Eklutna PPA payments that were approved for deferral in 2021 by the RCA in Order No. U-19-020(47)/U-19-021(47). Since Chugach did not defer any amounts in 2021, the petition requested RCA approval to defer up to the \$8.8 million as previously authorized for 2021 in calendar-years 2022 and 2023, if needed. The RCA scheduled hearings during the week of May 23, 2022. On October 27, 2022, the RCA issued an order authorizing the deferral of expense recognition to the extent necessary to achieve a 1.20 MFI/I during 2022 but denied the deferral request for 2023.

Power Pooling and Joint Dispatch

The RCA approved the Amended and Restated Operations Agreement for Power Pooling and Joint Dispatch (“Pooling Agreement”) on November 2, 2020. Pursuant to the Pooling Agreement, Chugach and MEA spent the next 18 months working to implement the Pooling Agreement. On December 29, 2021, MEA filed its first quarter 2022 cost of power adjustment wherein it alleged that beginning in January 2022 MEA would no longer be purchasing energy from Chugach at the price proposed by Chugach.

On March 3, 2022, the RCA opened a docket to investigate the tight power pool energy exchange and settlement practices of Chugach. A hearing was held on the matter and a final order was issued on March 3, 2023. The RCA ruled (1) that Chugach’s departure from the Standard Operating Procedure (“SOP”) was unreasonable; (2) that Chugach must recalculate pool savings based on the SOP; and (3) that no penalties or civil sanctions would be imposed. The RCA did not accept Chugach’s request to address other outstanding issues, either through extension of the existing docket or through a new docket.

Chugach has complied with the RCA’s order by issuing corrected invoices for power pool transactions occurring from January 3, 2022, through March 3, 2023, based on the SOP. The required recalculations resulted in a net amount due from Chugach to MEA of approximately \$0.6 million.

BRU Capital Surcharge

Chugach received approval to adopt a forward-funding recovery structure for BRU capital expenditures through a BRU Capital Reserve Surcharge. Revenues received from the surcharge are deposited into the BRU reserve account to meet BRU capital expenditure requirements over the remaining life of the

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gas field. Under this structure, all future capital expenditures are recovered through the BRU Capital Reserve Surcharge. The BRU Capital Reserve Surcharge is a component of Chugach's BRU gas transfer price. All BRU costs are recovered through Chugach's fuel and purchased power adjustment process as a direct pass-through.

Railbelt Reliability Council

The Railbelt Reliability Council ("RRC") was formed with the intent of becoming the electric reliability organization ("ERO"), as required by Alaska Senate Bill ("SB") 123. The council will be responsible for adoption and enforcement of uniform reliability standards and integrated transmission resource planning for the Alaska Railbelt. On March 25, 2022, the RRC formally submitted its application for certification as the ERO. On September 23, 2022, the RCA approved the certification of the RRC.

**(7) Debt**

Lines of credit

Chugach maintains a \$50.0 million line of credit with the National Rural Utilities Cooperative Finance Corporation ("NRUCFC"). Chugach did not utilize this line of credit during the first and second quarters of 2023, and therefore had no outstanding balance at June 30, 2023. The borrowing rate is calculated using the total rate per annum and may be fixed by NRUCFC. The borrowing rate was 7.00% and 6.25% at June 30, 2023 and December 31, 2022, respectively.

The NRUCFC Revolving Line of Credit Agreement requires that Chugach, for each 12-month period, for a period of at least five consecutive days, pay down the entire outstanding principal balance. The NRUCFC line of credit was renewed December 15, 2021 and expires December 21, 2026. This line of credit is immediately available for unconditional borrowing.

Commercial Paper

Chugach had maintained a \$300.0 million senior unsecured credit facility, as amended June 2019, ("Credit Agreement"), which is used to back Chugach's commercial paper program. On July 28, 2023, Chugach closed on a 2023 Amended and Restated Credit Agreement. The total amount decreased from \$300.0 million to \$270 million. The calculation of the interest on borrowings under the facility is based upon the Secured Overnight Financing Rate ("SOFR"). The Amended and Restated Credit Agreement expires on July 28, 2028. The participating banks include NRUCFC, Bank of America, N.A. and CoBank, ACB.

Our commercial paper can be repriced between one day and 397 days. Chugach is expected to continue to issue commercial paper in 2023, as needed.

Chugach had \$78.0 million and \$45.0 million of commercial paper outstanding at June 30, 2023 and December 31, 2022, respectively.

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The following table provides information regarding average commercial paper balances outstanding for the quarters ended June 30, 2023, and 2022 (dollars in millions), as well as corresponding weighted average interest rates:

2023		2022	
Average Balance	Weighted Average Interest Rate	Average Balance	Weighted Average Interest Rate
\$ 71.4	5.39%	\$ 17.1	2.29%

Term Loans

Chugach has a term loan facility with CoBank. Loans made under this facility are evidenced by the 2016 CoBank Note, which is governed by the Amended and Restated Master Loan Agreement dated June 30, 2016 (“CoBank Loan Agreement”), as amended November 26, 2019, and secured by the Second Amended and Restated Indenture of Trust (“Indenture”). At June 30, 2023, Chugach had \$21.0 million outstanding with CoBank.

Financing

The bonds and all other long-term debt obligations are secured by a lien on substantially all of Chugach’s assets, pursuant to the Indenture, which became effective on January 20, 2011, as previously amended and supplemented. On October 30, 2020, a lien was granted on certain ML&P acquired assets to secure the debt associated with the acquisition.

Debt Issuance Costs

The following table outlines the debt issuance costs associated with the long-term obligations, excluding current installments, at June 30, 2023.

	Long-term Obligations	Unamortized Debt Issuance Costs
2011 Series A Bonds	\$ 136,333,329	\$ 640,411
2012 Series A Bonds	142,000,000	623,812
2017 Series A Bonds	26,000,000	142,224
2019 Series A Bonds	59,400,000	345,861
2020 Series A Bonds	731,000,000	4,051,230
2016 CoBank Note	16,872,000	100,605
	\$ 1,111,605,329	\$ 5,904,143

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The following table outlines the debt issuance costs associated with long-term obligations, excluding current installments at December 31, 2022.

	Long-term Obligations	Unamortized Debt Issuance Costs
2011 Series A Bonds	\$ 146,999,996	\$ 684,859
2012 Series A Bonds	148,250,000	655,767
2017 Series A Bonds	28,000,000	147,396
2019 Series A Bonds	63,300,000	364,454
2020 Series A Bonds	742,000,000	4,000,745
2016 CoBank Note	18,924,000	106,892
	\$ 1,147,473,996	\$ 5,960,113

**(8) Beluga River Unit**

The BRU is located on the western side of Cook Inlet, approximately 35 miles from Anchorage, and is an established natural gas field that was originally discovered in 1962. Effective October 30, 2020, Chugach acquired ML&P's 57% ownership share of the BRU, increasing Chugach's ownership share of the BRU to 66.7%. Hilcorp owns the remaining 33.3%.

Chugach records depreciation, depletion, and amortization on BRU assets based on units of production. During the second quarter of 2023, Chugach lifted 1.7 Bcf resulting in a cumulative lift since purchase of 23.4 Bcf of the approximate 69.0 Bcf in Chugach's proven developed and undeveloped reserves. Chugach and the other owner, Hilcorp, are operating under an existing Joint Operating Agreement. Hilcorp is the operator for BRU. In addition to the operator fees to Hilcorp, other BRU expenses include royalty expense and interest on long-term debt. All expenses other than depreciation, depletion and amortization and interest on long-term debt are included as fuel expense on Chugach's Consolidated Statement of Operations. Chugach has applied and qualified for a small producer tax credit, provided by the State of Alaska, resulting in an estimate of no liability for production taxes for a period of ten years, through 2026. The revenue in excess of expenses less the allowed TIER from BRU operations is adjusted through Chugach's fuel and purchased power adjustment process.

**(9) Revenue From Contracts with Customers**

*a. Nature of goods and services*

The following is a description of the contracts and customer classes from which Chugach generates revenue.

*i. Energy Sales*

Energy sales revenues are Chugach's primary source of revenue, representing approximately 98.3% and 97.7% of total operating revenue during the six months ended June 30, 2023 and 2022, respectively. Energy sales revenues are recognized upon delivery of electricity, based on billing rates authorized by the RCA, which are applied to customers' usage of electricity. Chugach's rates are established, in part, on test period sales levels that reflect actual operating results. Chugach's tariffs include provisions for the recovery of gas costs according to gas supply contracts and costs associated with the BRU operations, as well as purchased power costs.

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Expenses associated with electric services include fuel purchased from others and produced from Chugach’s interest in the BRU, both of which are used to generate electricity, as well as power purchased from others. Chugach is authorized by the RCA 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 certain costs. The amount of fuel and purchased power revenue recognized is equal to actual fuel and purchased power costs. We recognize differences between projected recoverable fuel and purchased power costs and amounts recovered through rates. The fuel cost under/over recovery on our balance sheet represents the net accumulation of any under- or over-collection of fuel and purchased power costs. Fuel cost under-recovery will appear as an asset on our balance sheet and will be collected from our members in subsequent periods. Conversely, fuel cost over-recovery will appear as a liability on our balance sheet and will be refunded to our members in subsequent periods. Payment on energy sales invoices to all customer classes below are due within 15 to 30 days.

Customer Class	Nature, timing of satisfaction of performance obligations, and significant payment terms
Retail	Retail energy customers can have up to four components of monthly billing included in revenue – energy, fuel and purchased power, demand, and customer charge. The energy rate and fuel and purchased power surcharge are applied by kilowatt hour (kWh) usage. The demand charge is applied by kilowatt (kW). The customer charge is a monthly amount applied by meter.
Wholesale	Classified as firm energy sales. Four components of monthly billing are included in revenue – energy, fuel and purchased power, demand, and customer charge. The energy rate and fuel and purchased power surcharge are applied by kWh usage. The demand charge is applied by kW. The customer charge is a monthly amount applied by meter.
Economy	Classified as non-firm energy sales. Three components of monthly billing are included in revenue – fuel, operations and maintenance, and margin. The actual fuel costs include transportation and other fuel-related costs. The operations and maintenance and margin rates are applied on a megawatt hour (MWh) basis.
Power Pool	Power pool transactions are generally firm energy sales that are subject to changes in generation unit availability. The two components of monthly billings included in revenue are fuel and operations and maintenance.

Chugach calculates unbilled revenue, for residential and commercial customers, at the end of each month to ensure the recognition of a full month of revenue. Chugach accrued \$10,453,108 and \$8,806,007 of unbilled retail revenue at June 30, 2023 and 2022, respectively, which is included in accounts receivable on the balance sheet. Revenue derived from wholesale and economy customers is recorded from metered locations on a calendar month basis, so no estimation is required.

Power Pool transactions began in April of 2021. Power pool revenues are recognized upon delivery of electricity and the transaction is then settled using a split-the-savings principle. Purchases are treated as a cost of purchased power.

The collectability of our energy sales is very high with typically 0.35% written off as bad debt expense, adjusted annually.

There were no costs associated with obtaining any of these contracts, therefore no asset was recognized or recorded associated with obtaining any contract.

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*ii. Wheeling*

Wheeling represented 0.8% and 0.6% of our revenue during the six months ended June 30, 2023 and 2022, respectively. Wheeling was recorded through the wheeling of energy across Chugach’s transmission lines at tariffed rates as approved by the RCA. The rates are applied to MWh of energy wheeled. The collectability of wheeling is very high, with no adjustment required.

*iii. Other Miscellaneous Services*

Other miscellaneous services consist of various agreements including dispatch service and gas transfer agreements, pole rentals, and microwave bandwidth. Revenue from these agreements is billed monthly and represented 0.9% and 1.7% of total operating revenue during the six months ended June 30, 2023 and 2022, respectively. The revenue recognized from these agreements is recorded as the service is provided over a period of time. The collectability of these agreements is very high, with no adjustment required.

*b. Disaggregation of Revenue*

The table below details the revenue recognized by customer class and disaggregates base revenue from fuel and purchased power revenue recognized in the Consolidated Statement of Operations for the second quarter of 2023 and 2022 (in millions).

	Three Months Ended June 30,								
	<u>Base Rate Sales Revenue</u>			<u>Fuel and Purchased Power Revenue</u>			<u>Total Revenue</u>		
	2023	2022	% Variance	2023	2022	% Variance	2023	2022	% Variance
Retail	\$ 57.1	\$ 57.0	0.2%	\$ 23.8	\$ 20.7	15.0%	\$ 80.9	\$ 77.7	4.1%
Wholesale	0.6	0.6	0.0%	0.9	0.7	28.6%	1.5	1.3	15.4%
Economy	0.3	0.6	(50.0%)	1.2	4.8	(75.0%)	1.5	5.4	(72.2%)
Power Pool	0.1	0.2	(50.0%)	0.2	0.2	0.0%	0.3	0.4	(25.0%)
<b>Total Energy</b>	<b>\$ 58.1</b>	<b>\$ 58.4</b>	<b>(0.5%)</b>	<b>\$ 26.1</b>	<b>\$ 26.4</b>	<b>(1.1%)</b>	<b>\$ 84.2</b>	<b>\$ 84.8</b>	<b>(0.7%)</b>
Wheeling	0.0	0.0	0.0%	0.5	0.9	(44.4%)	0.5	0.9	(44.4%)
Other	0.4	0.7	(42.9%)	0.3	0.2	50.0%	0.7	0.9	(22.2%)
<b>Total Miscellaneous</b>	<b>\$ 0.4</b>	<b>\$ 0.7</b>	<b>(42.9%)</b>	<b>\$ 0.8</b>	<b>\$ 1.1</b>	<b>(27.3%)</b>	<b>\$ 1.2</b>	<b>\$ 1.8</b>	<b>(33.3%)</b>
<b>Total Revenue</b>	<b>\$ 58.5</b>	<b>\$ 59.1</b>	<b>(1.0%)</b>	<b>\$ 26.9</b>	<b>\$ 27.5</b>	<b>(2.2%)</b>	<b>\$ 85.4</b>	<b>\$ 86.6</b>	<b>(1.4%)</b>

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The table below details the revenue recognized by customer class and disaggregates base revenue from fuel and purchased power revenue recognized in the Consolidated Statement of Operations for the six months ended June 30, 2023 and 2022 (in millions).

	Six Months Ended June 30,								
	<u>Base Rate Sales Revenue</u>			<u>Fuel and Purchased Power Revenue</u>			<u>Total Revenue</u>		
	2023	2022	% Variance	2023	2022	% Variance	2023	2022	% Variance
Retail	\$ 119.6	\$ 119.8	(0.2%)	\$ 45.4	\$ 42.7	6.3%	\$ 165.0	\$ 162.5	1.5%
Wholesale	1.2	1.2	0.0%	1.6	1.4	14.3%	2.8	2.6	7.7%
Economy	0.9	1.3	(30.8%)	3.5	11.6	(69.8%)	4.4	12.9	(65.9%)
Power Pool	0.7	0.4	75.0%	0.6	0.5	20.0%	1.3	0.9	44.4%
<b>Total Energy</b>	<b>\$ 122.4</b>	<b>\$ 122.7</b>	<b>(0.2%)</b>	<b>\$ 51.1</b>	<b>\$ 56.2</b>	<b>(9.1%)</b>	<b>\$ 173.5</b>	<b>\$ 178.9</b>	<b>(3.0%)</b>
Wheeling	0.0	0.0	0.0%	1.4	2.0	(30.0%)	1.4	2.0	(30.0%)
Other	1.0	1.5	(33.3%)	0.6	0.6	0.0%	1.6	2.1	(23.8%)
<b>Total Miscellaneous</b>	<b>\$ 1.0</b>	<b>\$ 1.5</b>	<b>(33.3%)</b>	<b>\$ 2.0</b>	<b>\$ 2.6</b>	<b>(23.1%)</b>	<b>\$ 3.0</b>	<b>\$ 4.1</b>	<b>(26.8%)</b>
<b>Total Revenue</b>	<b>\$ 123.4</b>	<b>\$ 124.2</b>	<b>(0.6%)</b>	<b>\$ 53.1</b>	<b>\$ 58.8</b>	<b>(9.7%)</b>	<b>\$ 176.5</b>	<b>\$ 183.0</b>	<b>(3.6%)</b>

*c. Contract Balances*

The table below provides information about contract receivables and contract liabilities.

	June 30, 2023	December 31, 2022
Contract receivables, included in accounts receivable	\$ 36,779,109	\$ 45,827,873
Contract liabilities	2,549,851	2,836,240

Contract receivables represent amounts receivable from retail, wholesale, economy, and wheeling.

Contract liabilities consist of credit balances. Credit balances are reported as consumer deposits and represent the prepaid accounts of retail customers and are recognized in revenue as the customer uses electric service.

Significant changes in the contract liabilities balances are as follows:

	June 30, 2023	December 31, 2022
Contract liabilities at beginning of period	\$ 2,836,240	\$ 4,622,550
Cash received, excluding amounts recognized as revenue during the period	2,499,187	2,658,131
Revenue recognized and transferred from contract liabilities at the beginning of the period	(2,785,576)	(4,444,441)
Contract liabilities at end of period	\$ 2,549,851	\$ 2,836,240

**Chugach Electric Association, Inc.**  
**Notes to Consolidated Financial Statements**  
**June 30, 2023 and 2022**

*d. Transaction Price Allocated to Remaining Performance Obligations*

The table below includes estimated revenue to be recognized in 2023 related to performance obligations that are unsatisfied (or partially unsatisfied) at June 30, 2023.

	2023
Credit balances	\$ 2,499,187

Credit balances are primarily associated with Chugach’s LevelPay program. The program calculates the monthly amount to be collected from customers annually. It is anticipated the balance will be recognized in revenue within the following year as customers consume electricity.

**(10) Leases**

Chugach has three financing leases and five operating leases, most of which are various land easements. Chugach’s eight leases, recognized as right-of-use assets, consist of six land leases and two equipment leases, with remaining lease terms of two to forty-eight years and a weighted average lease term of 45 years. Chugach’s operating and financing lease assets are presented as operating or financing right-of-use assets on our Consolidated Balance Sheet. The current portion of lease liabilities is included in current installments of long-term obligations and the long-term portion is presented as operating or financing lease liabilities on our Consolidated Balance Sheet. A weighted discount rate of 3.25% was used in calculating the right-to-use assets and lease liabilities. Chugach’s discount rate was calculated using our incremental borrowing rate based on the average borrowing rate of our long-term debt.

Recognition of the right-of-use asset and operating lease liability represents a non-cash investing and financing activity. Chugach entered into a Power Purchase Agreement with Fire Island Wind, LLC, (“FIW”) on June 21, 2011. The Fire Island Wind contract contains a lease because the agreement identifies an asset (the wind farm is explicitly specified in the agreement and FIW does not have substantive substitution rights) and Chugach controls the use of the asset (it takes 100% of the output and, to the extent there is wind, can control how and when the wind farm produces power directly through its supervisory control and data acquisition (“SCADA”) system). However, due to the exclusively variable nature of the payments, no new assets or liabilities have been added to the Consolidated Balance Sheet, no changes were made to the Consolidated Statements of Cash Flow, and the variable payments are still classified as purchased power expense on the Consolidated Statements of Operations. These variable payments, included in purchased power, are reflected in the following table.

Supplemental statement of operations information associated with leases for the six months ended June 30:

	2023	2022
Finance lease cost		
Amortization of right-of-use assets	\$ 2,146	\$ 6,809
Interest on lease liabilities	246	332
Operating lease cost	121,042	194,021
Variable lease cost	2,600,944	2,378,653
Total lease cost	\$ 2,724,378	2,579,815



**Chugach Electric Association, Inc.**  
**Notes to Consolidated Financial Statements**  
**June 30, 2023 and 2022**

Supplemental cash flow information associated with leases for the six months ended June 30:

	2023	2022
Cash paid for amounts included in the measurement of liabilities:		
Operating cash flows from operating leases	\$ 121,042	\$ 205,059
Operating cash flows from financing leases	2,391	214,486

Supplemental balance sheet information associated with leases:

	June 30, 2023	December 31, 2022
Operating lease right-of-use assets	\$ 3,601,923	3,831,720
Financing lease right-of-use assets	205,598	217,069
Total right-of-use assets	\$ 3,807,521	4,048,789
Operating lease liabilities	3,565,397	3,583,801
Financing lease liabilities	195,053	203,786
Current installments of lease liabilities	46,988	258,184
Total operating lease liabilities	\$ 3,807,438	4,045,771

Maturities associated with lease liabilities at June 30, 2023:

2023	\$ 87,873
2024	169,345
2025	167,523
2026	166,313
2027	164,504
Thereafter	6,392,755
Total lease payments	7,148,313
Less imputed interest	3,340,875
Present value of lease liabilities	\$ 3,807,438

**(11) Commitments and Contingencies**

Contingencies

Chugach is a participant in various legal actions, rate disputes, personnel matters and claims both for and against Chugach's interests. Management believes the outcome of any such matters will not materially impact Chugach's financial condition, results of operations or liquidity. Chugach establishes reserves when a particular contingency is probable and calculable. Chugach has not accrued for any contingency at June 30, 2023, as it does not consider any contingency to be probable nor calculable. Chugach faces contingencies that are reasonably possible to occur; however, they cannot currently be estimated.

**Chugach Electric Association, Inc.**  
**Notes to Consolidated Financial Statements**  
**June 30, 2023 and 2022**

Concentrations

Approximately 74% of our employees are members of the International Brotherhood of Electrical Workers (“IBEW”). Chugach has three Collective Bargaining Unit Agreements (“CBA”) with the IBEW. On October 30, 2020, with the closing of the ML&P acquisition, all three IBEW CBAs were extended through June 30, 2025. We also have a CBA with the Hotel Employees and Restaurant Employees (HERE), which is effective through June 30, 2025.

Fuel Supply Contracts

Chugach has a gas contract with Hilcorp effective January 1, 2015, to provide gas through March 31, 2028. The total amount of gas supplied under this contract is estimated to be 79.4 Bcf. All of the gas production is expected to come from Cook Inlet, Alaska. The terms of the Hilcorp agreement require Chugach to manage the natural gas transportation over the connecting pipeline systems. Chugach has gas transportation agreements with ENSTAR Natural Gas Company (“ENSTAR”), Harvest Alaska, and AIX Energy, LLC.

Chugach also has a gas supply agreement with AIX Energy LLC through March 31, 2024 (with an option to extend the term an additional 5-year period through March 31, 2029).

Chugach has two active gas storage contracts with CINGSA that conclude on March 31, 2032. The firm storage agreements provides for up to 2.1 Bcf of capacity. The interruptible storage agreement provides for up to 1.0 Bcf of capacity.

BRU Operations

At this time, Chugach and Hilcorp, the other owner, have chosen to continue operating under an existing Joint Operating Agreement. Hilcorp is the operator for BRU.

Environmental Legislation or Regulation

Chugach includes costs associated with environmental compliance in both our operating and capital budgets. We accrue for costs associated with environmental remediation obligations when those costs are probable and reasonably estimated. Chugach is subject to numerous environmental statutes including the Clean Air Act, the Clean Water Act, the Emergency Planning and Community Right-to-Know Act, the Resource Conservation and Recovery Act, the Toxic Substances Control Act, the Endangered Species Act, and the Comprehensive Environmental Response, Compensation and Liability Act, the regulations implementing these statutes. Chugach does not believe that compliance with these statutes and regulations to date has had a material impact on its financial condition, results of operation or cash flows. However, the implementation of any additional new law or regulation, or the limitations thereof, or changes in or new interpretations of laws or regulations could result in significant additional capital or operating expenses. Chugach monitors proposed new regulations and existing regulation changes through industry associations and professional organizations.

The Clean Air Act and Environmental Protection Agency (“EPA”) regulations under the Clean Air Act establish ambient air quality standards and limit the emission of many air pollutants. In 2022, The Alaska Department of Environmental Conservation (“ADEC”) increased all fees associated with Title

**Chugach Electric Association, Inc.**  
**Notes to Consolidated Financial Statements**  
**June 30, 2023 and 2022**

I and Title V air emissions. These increased fees affect Beluga, Southcentral Power Project (“SPP”), Sullivan, and Nikkels power plants on a yearly basis. Chugach has obtained or applied for all Clean Air Act permits currently required for the operation of generating facilities.

Chugach replaced two Underground Storage Tanks (“USTs”) in 2022. These tanks were approximately thirty years old. Upon excavation, contamination was discovered under the location of the original fuel dispensing units. Chugach is working diligently with ADEC to determine the best path forward for remediation of the contaminated site. Dependent on the outcome of site investigation, Chugach may be required to complete annual site sampling, but this would not have any material impact on operating expenses.

The utility owners of the Eklutna Hydro Project (Chugach, MOA, and MEA) are obligated by a 1991 Fish & Wildlife Agreement (“Agreement”) to develop and implement measures to protect, mitigate, and enhance (“PME”) the fish and wildlife impacted by the project (“PME program”). The program is to be approved by the Governor of Alaska by October 2024 with completion of the approved program no later than October of 2032, 35 years after the Eklutna Hydro Project purchase. The utility owners initiated a required consultation process with key government agencies and interested parties in March 2019, study planning development in 2020, field data collection in 2021 and 2022, and study reporting and program development in 2023 and 2024. The Agreement requires equal consideration of; 1) efficient and economical power production, 2) energy conservation, 3) protection, mitigation of damage to, and enhancement of fish and wildlife, 4) protection of recreation opportunities, 5) municipal water supplies, 6) preservation of other aspects of environmental quality, 7) other beneficial public uses, and 8) requirements of state law when determining the PME alternatives to be included in the program. The Eklutna Hydro Project and municipal water system currently utilize 100% of the Eklutna reservoir water inflows. This project is a multi-year study with final completion expected in late 2024. The program will have additional capital costs not included in the program development and approval.

Delay in obtaining, or failure to obtain and maintain in effect any environmental approvals, or the delay or failure to satisfy any applicable environmental regulatory requirements related to the operation of our existing facilities could result in significant additional costs to Chugach and a material adverse impact to Chugach’s results of operations, financial condition, and cash flows.

While Chugach cannot predict the implementation of any additional new law or regulation, or the limitations thereof, it is possible that new laws or regulations could increase capital and operating costs. Chugach does not anticipate that environmental related expenditures will have a material effect on our results of operations or financial condition. We cannot, however, predict the nature, extent or cost of new laws or regulations relating to environmental matters.

Legal Proceedings

Chugach has certain litigation matters and pending claims that arise in the ordinary course of business. We cannot predict the outcome of any current or future legal proceedings. Our business, financial condition, and results of operations could be materially adversely affected by unfavorable resolution or adverse results of legal matters.

# CHUGACH ELECTRIC ASSOCIATION

## QUARTERLY REVIEW

*for the period ending June 30, 2023*

## *Agenda*

- 1. Portfolio Review*
- 2. Market Review*
- 3. Appendix*

**Audit & Finance Committee Meeting**  
**August 30, 2023**

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# Portfolio Review

*Chugach Electric Beluga River ARO Investment Fund*

Portfolio Review

Market Review

Appendix

# Account Summary as of June 30, 2023

## *Chugach Electric Beluga River ARO Investment Fund*

		<b>Beluga River ARO Investment Fund</b>
Account Inception		October 2020
Initial Contribution		\$ 17,175,687
Subsequent Contributions		\$ 5,755,015
Withdrawals <i>Does not include custodial or management fees</i>		\$ 0
Current Market Value <i>June 30, 2023</i>		\$ 23,680,006
Account Return Since Inception*		1.55% <i>Inception – June 30, 2023</i>
Year to Date Account Return*		6.27% <i>Dec. 31, 2022 – June 30, 2023</i>
Strategic Asset Allocation	Risk Assets	52%
	Risk Control	27%
	Alternatives	21%

\*Performance is gross of management fees, net of internal fund fees, and annualized for periods greater than one year.

# Account Summary as of June 30, 2023

## *Chugach Electric Beluga River ARO Investment Fund*

Contributions to Date*	\$ 22,930,702
Current Market Value	\$ 23,680,006
Anticipated Contributions**	\$28,886,206
Total Liability <i>Due 2033</i>	\$ 79,101,308
Funded Status***	66.45%

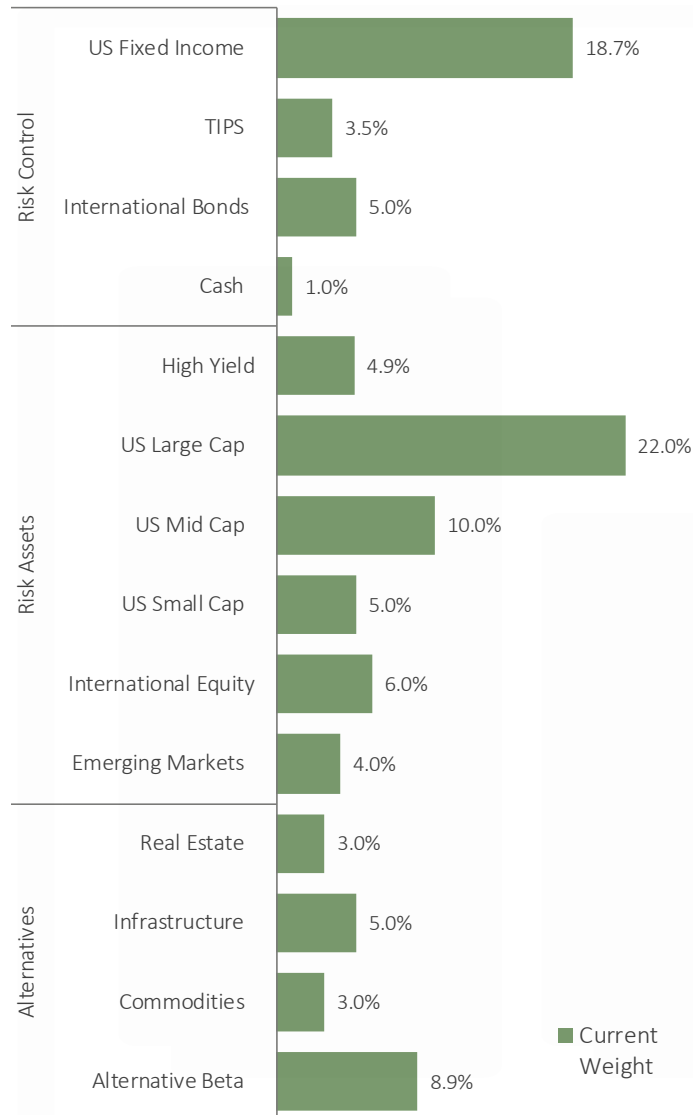
\*Contributions to Date calculated as the initial contribution plus subsequent deposits.

\*\* Anticipated Contributions based on 2022 Reserve Study prepared by Ryder Scott.

\*\*\*Funded Status calculated as current market value plus anticipated contributions of approximately \$28.89MM divided by the ARO liability of \$79.10MM.

# Asset Allocation as of June 30, 2023

## Chugach Electric Beluga River ARO Investment Fund

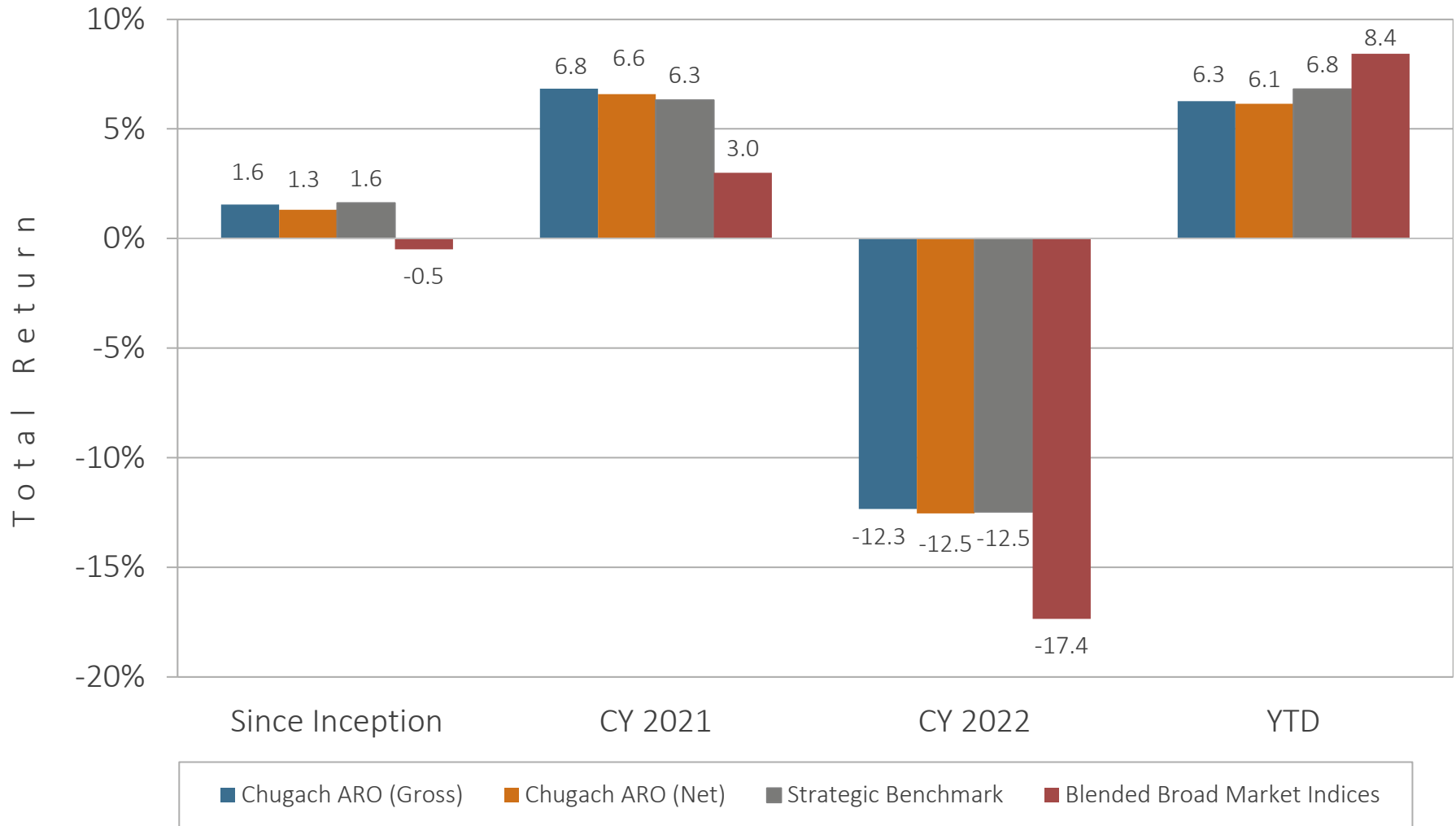


Asset Class	Strategic Weight	Overweight / Underweight	Range
<b>Risk Control</b>	<b>27%</b>	<b>1.2%</b>	
US Fixed Income	18%	0.7%	8 - 28%
TIPS	2%	1.5%	0 - 10%
International Bonds	5%	0.0%	0 - 10%
Cash	2%	-1.0%	0 - 10%
<b>Risk Assets</b>	<b>52%</b>	<b>-0.1%</b>	
High Yield	5%	-0.1%	0 - 10%
US Large Cap	22%	0.0%	12 - 32%
US Mid Cap	10%	0.0%	5 - 15%
US Small Cap	5%	0.0%	0 - 10%
International Equity	6%	0.0%	0 - 12%
Emerging Markets	4%	0.0%	0 - 8%
<b>Alternatives</b>	<b>21%</b>	<b>-1.1%</b>	
Real Estate	3%	0.0%	0 - 6%
Infrastructure	5%	0.0%	0 - 10%
Commodities	3%	0.0%	0 - 6%
Alternative Beta	10%	-1.1%	0 - 15%



# Account Performance as of June 30, 2023

## Chugach Electric Beluga River ARO Investment Fund



Expected risk and return data from Windham Portfolio Advisor. Performance is gross of management fees, net of internal fund fees, and annualized for periods greater than one year. Inception performance begins on October 31, 2020. Blended Broad Market Indices represented by a blend of MSCI ACWI and Bloomberg Global Agg at weights of 25% equity / 75% bonds through 9/30/2021 and 60% equity / 40% bonds thereafter.

- Actively managed U.S. Fixed Income return for the 2<sup>nd</sup> quarter was **-0.77%** vs. **-0.84%** for the benchmark.
- Fixed income performance can be decomposed into three primary sources of return: **sector allocation, interest rate changes, and security selection.**
  - An underweight to duration in US Treasuries was the main driver of outperformance compared to the benchmark. This was due to intermediate and long-term interest rates increasing during the quarter.
  - An underweight to Corporate securities was the main driver of underperformance relative to the benchmark due to spread tightening.

U.S. Fixed Income Summary Statistics as of June 30, 2023

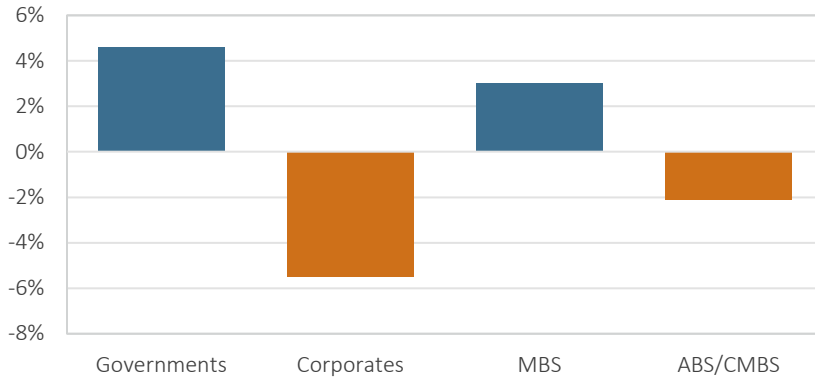
	ARO Investment Fund	Bloomberg Aggregate
Market Value	\$ 4,460,251	—
Yield to Maturity	4.81%	4.81%
Effective Duration	6.22	6.27

Source: Bloomberg and Axys

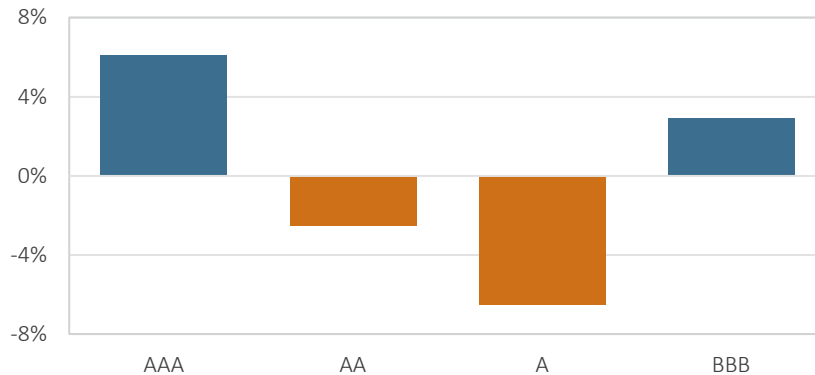
# U.S. Fixed Income Positioning as of June 30, 2023

## Chugach Electric Beluga River ARO Investment Fund

### Sector Under/Overweight



### Quality Under/Overweight



Source: Bloomberg

### Bond Sector Comparison

	Chugach	Bloomberg Agg
<b>Governments*</b>	50.0%	45.4%
<b>Corporates</b>	20.1%	25.6%
<b>MBS</b>	29.9%	26.9%
<b>ABS/CMBS</b>	0.0%	2.1%
<b>Total</b>	<b>100%</b>	<b>100%</b>

\* Includes Municipal Debt

### Credit Quality Comparison

	Chugach	Bloomberg Agg
<b>AAA</b>	79.4%	73.3%
<b>AA</b>	0.0%	2.5%
<b>A</b>	4.9%	11.4%
<b>BBB</b>	15.7%	12.8%
<b>Total</b>	<b>100%</b>	<b>100%</b>

# Portfolio Review

*Chugach Electric BRU FGP Reserve Account*

Portfolio Review

Market Review

Appendix



### ACCOUNT ACTIVITY

Portfolio Value on 5/31/2023	\$0
Beginning Bond Accrual	\$0
Contributions	\$2,164,852
Withdrawals	\$0
Change in Market Value	(\$9,970)
Dividends and Interest	\$2,705
Portfolio Value on 6/30/2023	\$2,157,587
Ending Bond Accrual	\$0

Original portfolio was liquidated on February 1<sup>st</sup> 2022, refunded on June 6<sup>th</sup>, 2023

### SUMMARY STATISTICS

	Portfolio	Bloomberg 1-3 Year Gov. Index
<b>Yield to Maturity</b>	4.97%	4.97%
<b>Duration</b>	1.78	1.86
<b>% of Government &amp; Cash</b>	100%	100%
<b>MTD Performance*</b>	-0.34%	-0.50%
<b>Performance before liquidation**</b>	0.06%	-0.12%

\*Inception date of June 6<sup>th</sup>, 2023

\*\*July 8<sup>th</sup>, 2022, through January 31<sup>st</sup>, 2023

### MARKET & PORTFOLIO COMMENTARY

- The Federal Reserve increased its benchmark rate to 5.00-5.25%. Fed Fund Futures markets have priced in 1-2 more interest rate hike for the rest of 2023. This is followed by a series of rate cuts in 2024.
- The Feds terminal target rate peaks at 5.63% in 2023 and decreases to 4.63% in 2024.
- Interest rates increased in the 2nd quarter. The 2yr increased by approximately 87 basis points ending June at 4.90%. The 5yr increased 58 basis points ending June at 4.16%.
- Negative total return performance was due to interest rates increasing. Bond yields and prices are negatively correlated.
- APCM expects bond price volatility to subside moving forward which will dampen the prospect of negative total rate returns.

### PORTFOLIO LIQUIDITY



Source: Bloomberg and APCM

# Market Review

Portfolio Review

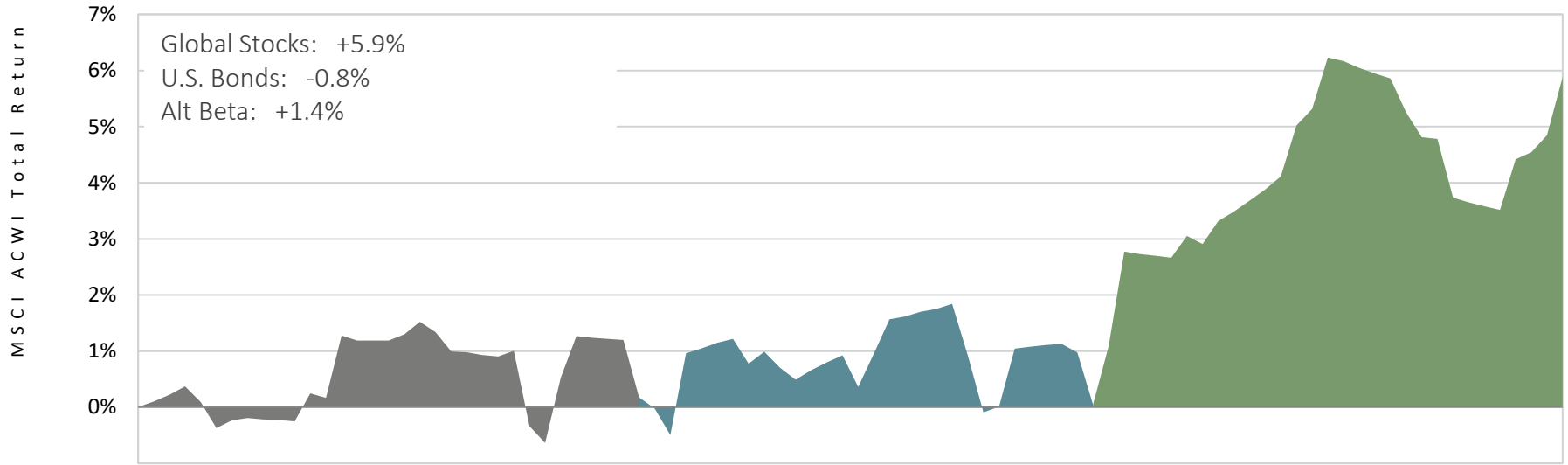
Market Review

Appendix



# Positive Returns Amidst Uncertainty

Market Recap Q2 2023



April	May	June
<p>First Republic Bank (FRC) reveals steep deposit outflows and later becomes the third U.S. regional bank to fail since March, but a subsidized sale helps contain broader fallout.</p>	<p>Artificial Intelligence (AI) optimism boosts Technology stocks, including a 20% weekly gain for NVIDIA (NVDA) after its AI projections drive a stunning increase in its revenue guidance.</p>	<p>The S&amp;P 500 Index pushes into a new bull market after it crosses the 20% threshold above its October 2022 low driven primarily by the largest companies in the index.</p>
<p>1Q23 earnings season unofficially begins; aggregate year-over-year (y/y) earnings growth finishes slightly negative but tops expectations of a larger decline.</p>	<p>Regional bank stocks decline ~10% for the first week in May, but the banking system proceeds to find its footing over the next several weeks as deposit outflows slow.</p>	<p>The Fed unanimously votes to hold its policy rate after 5% of cumulative tightening, but the updated Summary of Economic Projections indicates two more hikes to come in 2023.</p>
<p>U.S. Core Personal Consumption Expenditures (PCE) tops estimates at 4.6% y/y – a small improvement from the prior level (4.7%).</p>	<p>The European Central Bank (ECB) delivers a 25-basis point (bp) rate hike and indicates more are on the horizon.</p>	<p>Markets price out U.S. default risks after Congress extends the debt ceiling past the 2024 Presidential Elections.</p>

Data: Bloomberg. Global Stocks, US Bonds, and Alternative Beta are represented by MSCI ACWI, Bloomberg Agg, and Willshire Liquid Alt Indices, respectively.

# Where Is The Recession?

*Early Expectations Revised as Global Economy Proves Resilient*

## Inflation Easing

U.S. CPI Y/Y growth has declined from 6.5% in December to 4.0% in May.

Eurozone energy prices moderated significantly after a mild winter.

## Resilient Consumers

Expectations for 2023

U.S. consumer spending have increased from 0.9% to 1.7%, YTD.

China's reopening led to a rebound in consumer spending, Q1 GDP growth was 4.5%.

## Earnings Beat

Q1 2023 aggregate (Y/Y) earnings growth finished slightly negative but exceeded expectations of a steeper decline.

## Strong Labor Markets

Hiring remains robust throughout all major economies

**Although the global economy is proving to be more resilient than initially expected, most economists expect the accumulated weight of monetary policy tightening to lead to lackluster growth in the second half of the year.**



Data: Bloomberg, Oxford Economics. Graphic depicts 2023 Real GDP Growth expectations.



# Revisiting the Investment Outlook

## Economic Growth Set to Slow in the Second Half of 2023

The probability of **Scenario 2** (*moderate recession and eventual rate cuts*) remains highest as resilient labor markets have pushed expectations for the timing of a recession further out.

- The resilient economy could lead the Fed to tighten further than expected, increasing the chances of a more severe recession.
- On the other hand, downside inflation surprises would allow the Fed to behave more dovish – which would increase the chances of a continued rally in equity markets.

### Scenario 1

### Scenario 2

### Scenario 3

❖ The most **difficult descent** would occur if inflation stayed higher for longer, forcing central banks to **increase rates more than anticipated**.

❖ This route could give rise to a **severe recession**, which would be **painful for equity investors** as valuations are pushed even lower.

❖ Interest rates would decline, and **bond prices increase**, which would allow for a painful, but **ultimately successful descent**.



❖ A **less challenging route** would ensue should a **shallow recession** with easing inflationary pressures occur.

❖ This environment would allow **central banks to stay on course**, lessening market volatility and uncertainty.

❖ The shallow recession would cause **lower interest rates, strong bond returns and a floor for the stock market**.



❖ The **ideal route** would call for central bankers delivering a **soft economic landing**.

❖ **Avoiding an economic recession** will require inflation moderation via **precise monetary policy** decisions.

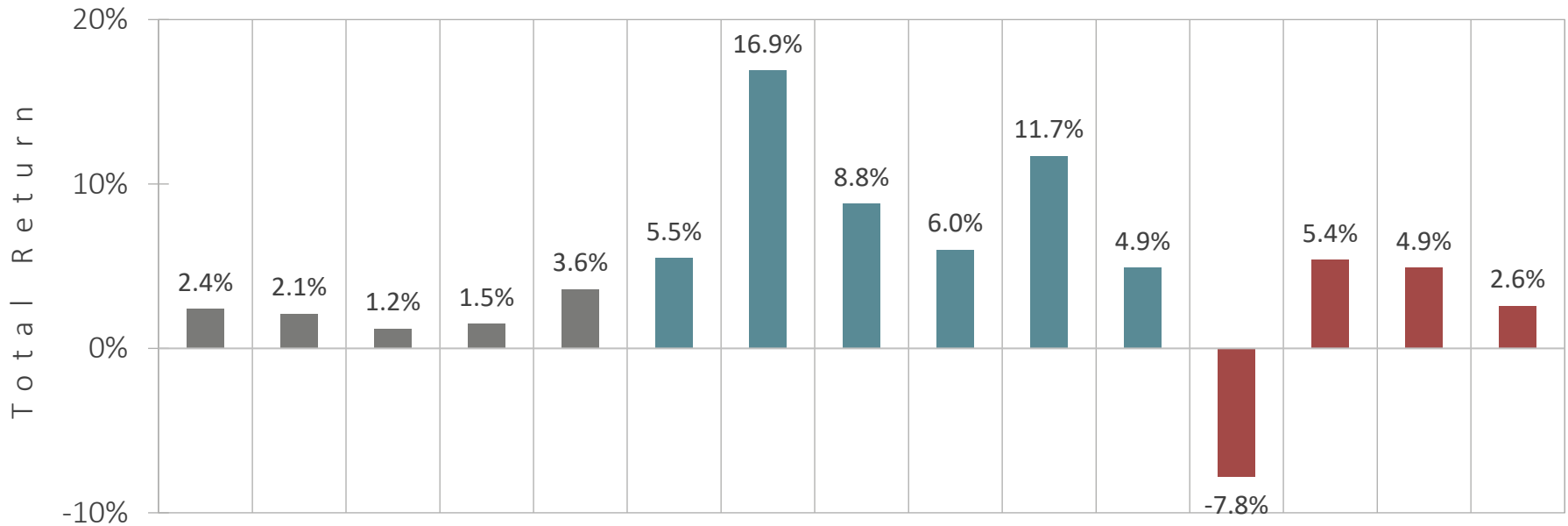
❖ In this route, there would be minimal earnings impact, providing **support for equity valuations**. As rates peak and begin rolling over, **bond prices would rise**.



# Stocks Rally Further in June

Year-to-date Asset Class Returns as of June 30, 2023

- The S&P 500 Index pushed into a new bull market after it crosses the 20% threshold above its October 2022 low driven primarily by the largest companies in the index.
- For a continued rally in bonds and stocks, there would have to be downside inflation surprises, lower real interest rates, and no severe recession.



	RISK CONTROL						RISK ASSETS					ALTERNATIVES			
	FIXED INCOME						EQUITIES					ALTERNATIVES			
	Cash	U.S. Fixed Income	1-5 Gov. Credit	TIPS	Intl. Fixed Income	HY Fixed Income	U.S. Large Cap	U.S. Mid Cap	U.S. Small Cap	Dev. Ex-U.S.	Emerging Markets	Comm.	Real Estate	Infra.	Alt. Beta
YTD	2.4	2.1	1.2	1.5	3.6	5.5	16.9	8.8	6.0	11.7	4.9	-7.8	5.4	4.9	2.6
CY' 2022	1.5	-13.0	-5.5	-2.7	-12.7	-11.9	-18.1	-13.1	-16.1	-14.5	-20.1	16.1	-24.4	-10.1	-5.6
5 Year	1.6	0.8	1.2	2.7	0.4	3.0	12.3	7.8	5.2	4.4	0.9	4.7	4.5	5.2	1.7
10 Year	1.0	1.5	1.1	1.7	2.2	4.0	12.9	10.2	9.8	5.4	2.9	-1.0	6.3	5.9	1.5

Data: Bloomberg. Asset class performance is represented by the stated index return. Returns annualized for periods greater than one year.

# Appendix

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# CHUGACH ELECTRIC ASSOCIATION INC

Account Statement - Period Ending June 30, 2023



ALASKA PERMANENT  
CAPITAL MANAGEMENT  
Registered Investment Adviser

## ACCOUNT ACTIVITY

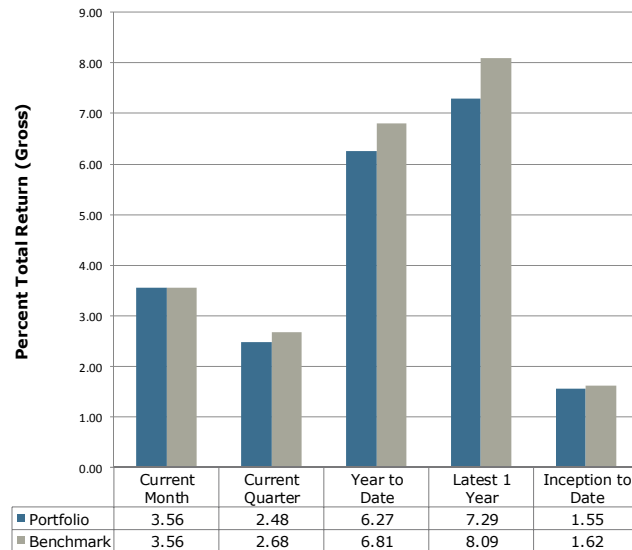
Portfolio Value on 05-31-23	24,324,182
Contributions	709,072
Withdrawals	-2,163,630
Change in Market Value	705,501
Interest	14,345
Dividends	90,536
Portfolio Value on 06-30-23	23,680,006

## MANAGEMENT TEAM

Client Relationship Manager:	Blake Phillips, CFA® Blake@apcm.net
Your Portfolio Manager:	Brandy Niclai, CFA®
Contact Phone Number:	907/272-7575

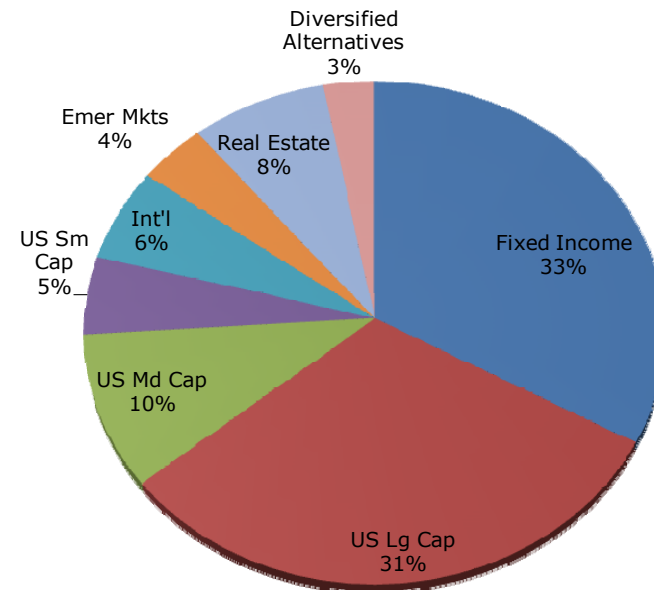
## INVESTMENT PERFORMANCE

Current Account Benchmark:  
Equity Blend



Performance is Annualized for Periods Greater than One Year

## PORTFOLIO COMPOSITION



Clients are encouraged to compare this report with the official statement from their custodian.

Alaska Permanent Capital Management Co.  
**PORTFOLIO SUMMARY AND TARGET**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*June 30, 2023*

Asset Class & Target	Market Value	% Assets	Range
<b>FIXED INCOME (32%)</b>			
US Fixed Income (18.0%)	4,434,508	18.7	8% to 28%
High Yield Fixed Income (5.0%)	1,155,384	4.9	0% to 10%
TIPS (2.0%)	828,380	3.5	0% to 10%
International Fixed Income (5.0%)	1,183,287	5.0	0% to 10%
Cash (2.0%)	229,791	1.0	0% to 10%
<b>Subtotal:</b>	<b>7,831,350</b>	<b>33.1</b>	
<b>EQUITY (47%)</b>			
US Large Cap (22.0%)	5,212,973	22.0	12% to 32%
US Mid Cap (10.0%)	2,369,532	10.0	5% to 15%
US Small Cap (5.0%)	1,180,936	5.0	0% to 10%
Developed International Equity (6.0%)	1,421,212	6.0	0% to 12%
Emerging Markets (4.0%)	946,565	4.0	0% to 8%
<b>Subtotal:</b>	<b>11,131,218</b>	<b>47.0</b>	
<b>ALTERNATIVE INVESTMENTS (21%)</b>			
Real Estate (3.0%)	716,456	3.0	0% to 6%
Alternative Beta (10.0%)	2,103,547	8.9	0% to 15%
Infrastructure (5.0%)	1,187,115	5.0	0% to 10%
Commodities (3.0%)	710,320	3.0	0% to 6%
<b>Subtotal:</b>	<b>4,717,438</b>	<b>19.9</b>	
<b>TOTAL PORTFOLIO</b>	<b>23,680,006</b>	<b>100</b>	

Alaska Permanent Capital Management Co.  
**PORTFOLIO APPRAISAL**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*June 30, 2023*

Quantity	Security	Security Symbol	Avg Cost	Total Cost	Price	Market Value	Pct. Assets
<b>AGENCIES</b>							
125,000	FEDERAL HOME LOAN BANK 0.600% Due 08-27-25	3130AJZ36	99.90	124,875	91.18	113,981	0.5
125,000	FHLB 1.625% Due 03-12-27	3130AJ4B2	104.27	130,335	90.21	112,767	0.5
25,000	FEDERAL HOME LOAN BANK 2.400% Due 02-17-32	3130AQRW5	85.94	21,485	83.27	20,817	0.1
125,000	FEDERAL FARM CREDIT BANK 2.125% Due 03-05-35	3133ELQZ0	103.99	129,987	77.06	96,330	0.4
20,000	FEDERAL FARM CREDIT BANK 2.500% Due 04-14-36	3133EMVU3	79.15	15,830	78.49	15,699	0.1
20,000	FEDERAL FARM CREDIT BANK 2.490% Due 05-19-36	3133EMA44	78.94	15,788	78.26	15,652	0.1
	Accrued Interest					2,118	0.0
				438,300		377,364	1.6
<b>ALTERNATIVE BETA</b>							
94,989	BLCKRCK SYST MULTI-STR-INST	BIMBX	10.35	983,142	9.65	916,642	3.9
29,783	CORE ALTERNATIVE ETF	CCOR	30.11	896,777	27.93	831,839	3.5
11,903	IQ HEDGE MULTI-STRAT TRACKER	QAI	29.33	349,094	29.83	355,066	1.5
				2,229,013		2,103,547	8.9
<b>CORPORATE BONDS</b>							
25,000	MORGAN STANLEY IND FINANCIAL SRV 3.875% Due 04-29-24	61746BDQ6	100.03	25,008	98.53	24,634	0.1
25,000	HCP INC 3.400% Due 02-01-25	40414LAM1	102.12	25,529	96.07	24,017	0.1
30,000	NUTRIEN LTD 3.000% Due 04-01-25	67077MAD0	95.97	28,790	95.11	28,533	0.1
25,000	CITIGROUP INC 3.700% Due 01-12-26	172967KG5	97.05	24,263	95.93	23,982	0.1
30,000	SOUTHWESTERN ELEC POWER 1.650% Due 03-15-26	845437BS0	90.84	27,252	90.37	27,112	0.1
30,000	WELLS FARGO & COMPANY 2.188% Due 04-30-26	95000U2N2	93.99	28,198	93.69	28,108	0.1
30,000	RYDER SYSTEM INC 2.900% Due 12-01-26	78355HKP3	90.81	27,242	91.61	27,484	0.1
30,000	DARDEN RESTAURANTS INC 3.850% Due 05-01-27	237194AL9	110.59	33,176	95.33	28,598	0.1
25,000	CAPITAL ONE FINANCIAL CO 3.650% Due 05-11-27	14040HCE3	110.46	27,616	92.88	23,220	0.1
20,000	CANADIAN NATL RESOURCES 3.850% Due 06-01-27	136385AX9	109.11	21,822	94.45	18,889	0.1
25,000	SOUTHWEST AIRLINES CO 5.125% Due 06-15-27	844741BK3	117.61	29,403	99.22	24,806	0.1

Alaska Permanent Capital Management Co.  
**PORTFOLIO APPRAISAL**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*June 30, 2023*

Quantity	Security	Security Symbol	Avg Cost	Total Cost	Price	Market Value	Pct. Assets
25,000	BORGWARNER INC 2.650% Due 07-01-27	099724AL0	107.15	26,787	90.91	22,729	0.1
25,000	ENBRIDGE INC 3.700% Due 07-15-27	29250NAR6	109.79	27,448	94.40	23,600	0.1
35,000	AERCAP IRELAND CAP/GLOBA 5.750% Due 06-06-28	00774MBC8	99.03	34,661	99.17	34,711	0.1
20,000	NATIONAL RETAIL PROP INC 4.300% Due 10-15-28	637417AL0	113.05	22,609	93.01	18,602	0.1
20,000	ESSEX PORTFOLIO LP 4.000% Due 03-01-29	29717PAT4	111.75	22,350	92.28	18,456	0.1
25,000	CABOT CORP 4.000% Due 07-01-29	127055AL5	109.16	27,289	92.08	23,019	0.1
40,000	SIMON PROPERTY GROUP LP 2.450% Due 09-13-29	828807DF1	85.03	34,013	84.18	33,674	0.1
25,000	INTEL CORP 3.900% Due 03-25-30	458140BR0	113.48	28,371	94.29	23,573	0.1
25,000	CITIZENS FINANCIAL GROUP 3.250% Due 04-30-30	174610AT2	106.85	26,713	81.71	20,429	0.1
20,000	KIMCO REALTY CORP 3.200% Due 04-01-32	49446RAZ2	99.17	19,834	82.79	16,559	0.1
20,000	CVS HEALTH CORP 4.875% Due 07-20-35	126650CM0	120.76	24,151	95.02	19,005	0.1
25,000	ORACLE CORP 3.850% Due 07-15-36	68389XBH7	104.24	26,061	83.46	20,865	0.1
25,000	BANK OF AMERICA NA 6.000% Due 10-15-36	06050TJZ6	127.62	31,905	106.83	26,708	0.1
30,000	JPMORGAN CHASE & CO 6.400% Due 05-15-38	46625HHF0	123.61	37,084	111.57	33,472	0.1
25,000	DOMINION ENERGY INC 7.000% Due 06-15-38	25746UBD0	145.11	36,278	109.87	27,467	0.1
25,000	SOUTHERN COPPER CORP 5.250% Due 11-08-42	84265VAG0	123.17	30,793	95.66	23,914	0.1
25,000	VIACOMCBS INC 5.850% Due 09-01-43	92553PAU6	128.78	32,194	85.22	21,305	0.1
25,000	PHILLIPS 66 4.875% Due 11-15-44	718546AL8	119.70	29,925	91.64	22,911	0.1
25,000	ENTERPRISE PRODUCTS OPER 5.100% Due 02-15-45	29379VBC6	120.79	30,198	95.47	23,867	0.1
25,000	CARDINAL HEALTH 4.900% Due 09-15-45	14149YBD9	111.47	27,867	87.68	21,920	0.1
25,000	Sysco Corporation 4.450% Due 03-15-48	871829BH9	120.54	30,134	85.54	21,385	0.1
25,000	AT&T INC 4.550% Due 03-09-49	00206RDK5	92.65	23,163	84.86	21,215	0.1
25,000	ESSENTIAL UTILITIES INC 4.276% Due 05-01-49	03836WAC7	115.73	28,933	80.99	20,247	0.1

Alaska Permanent Capital Management Co.  
**PORTFOLIO APPRAISAL**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*June 30, 2023*

Quantity	Security	Security Symbol	Avg Cost	Total Cost	Price	Market Value	Pct. Assets
45,000	TELUS CORP 4.300% Due 06-15-49	87971MBK8	121.45	54,654	81.48	36,668	0.2
25,000	MAGELLAN MIDSTREAM PARTN 3.950% Due 03-01-50	559080API	109.07	27,267	71.42	17,854	0.1
25,000	VERIZON COMMUNICATIONS 4.000% Due 03-22-50	92343VFD1	109.34	27,334	81.14	20,284	0.1
	Accrued Interest					9,396	0.0
				1,066,321		903,220	3.8
<b>COMMODITIES</b>							
14,347	iSHARES BB ROLL SELECT COMMODITY ETF	CMDY	53.14	762,366	49.51	710,320	3.0
<b>DOMESTIC MID CAP EQUITY FUNDS/ETF</b>							
9,062	ISHARES CORE S&P MIDCAP 400 ETF	IJH	264.14	2,393,606	261.48	2,369,532	10.0
<b>EMERGING MARKET FUNDS/ETF</b>							
19,204	ISHARES ETF CORE MSCI EMERGING MKTS	IEMG	58.03	1,114,493	49.29	946,565	4.0
<b>DOMESTIC FIXED INCOME FUNDS/ETF</b>							
17,469	VANGUARD SHORT-TERM TIPS ETF	VTIP	48.27	843,163	47.42	828,380	3.5
<b>FNMA &amp; FHLMC</b>							
17,010	FNMA POOL MA3588 3.500% Due 02-01-34	31418C7A6	101.48	17,263	95.81	16,297	0.1
24,805	FR SB8503 Mtge 2.000% Due 08-01-35	3132D6NU0	102.81	25,502	88.96	22,066	0.1
38,688	FN MA4383 2.000% Due 07-01-36	31418D2R2	90.54	35,027	88.67	34,305	0.1
22,744	FR SB8116 Mtge 2.500% Due 08-01-36	3132D6AR1	104.27	23,714	91.03	20,703	0.1
39,556	FNCL POOL 995373 4.500% Due 02-01-39	31416BXA1	106.72	42,214	98.75	39,063	0.2
25,741	FN MA4475 Mtge 2.500% Due 11-01-41	31418D6M9	103.58	26,662	86.96	22,384	0.1
23,087	FG G60661 4.000% Due 07-01-46	31335AWW4	103.41	23,875	95.57	22,065	0.1
38,405	FNCL POOL AS7949 4.000% Due 09-01-46	3138WHZP0	105.20	40,403	95.37	36,629	0.2
49,539	FN AS8483 3.000% Due 12-01-46	3138WJM96	102.95	51,002	89.91	44,542	0.2
61,190	FNCL POOL BM2001 3.500% Due 12-01-46	3140J6GK7	103.03	63,045	93.00	56,910	0.2
30,053	FG G61893 3.000% Due 07-01-47	31335CC69	101.14	30,396	89.60	26,926	0.1
57,599	FGLMC POOL Q51967 3.500% Due 11-01-47	3132XUFH3	97.84	56,353	92.40	53,219	0.2



Alaska Permanent Capital Management Co.  
**PORTFOLIO APPRAISAL**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
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Quantity	Security	Security Symbol	Avg Cost	Total Cost	Price	Market Value	Pct. Assets
31,671	FNMA POOL MA3210 3.500% Due 12-01-47	31418CR89	99.05	31,371	92.45	29,278	0.1
26,061	FN MA3305 3.500% Due 03-01-48	31418CU77	103.02	26,847	92.29	24,052	0.1
6,578	FANNIE MAE POOL MA3384 4.000% Due 06-01-48	31418CXN9	102.03	6,711	95.34	6,271	0.0
16,615	FNMA POOL MA3496 4.500% Due 10-01-48	31418C3E2	103.57	17,208	97.86	16,259	0.1
26,589	FN MA3834 3.000% Due 11-01-49	31418DHL9	101.90	27,094	88.82	23,618	0.1
28,703	FN MA3871 3.000% Due 12-01-49	31418DJR4	101.91	29,251	88.81	25,493	0.1
51,556	FANNIE MAE POOL 2.500% Due 05-01-50	3140KESQ2	104.98	54,125	85.92	44,296	0.2
25,371	FR RA4518 3.500% Due 02-01-51	3133KLAT4	91.20	23,138	91.67	23,258	0.1
19,839	FR SD8129 2.500% Due 02-01-51	3132DWA60	84.93	16,849	85.32	16,927	0.1
103,750	FR QC4235 Mtge 2.500% Due 07-01-51	3133ANV43	102.31	106,149	84.99	88,178	0.4
97,067	FN MA4398 2.000% Due 08-01-51	31418D3G5	78.81	76,501	81.76	79,359	0.3
123,549	FN MA4414 2.500% Due 09-01-51	31418D3Y6	86.05	106,310	85.04	105,069	0.4
26,668	FANNIE MAE POOL CB1783 2.500% Due 10-01-51	3140QL6V3	92.13	24,568	84.98	22,663	0.1
160,387	FN MA4492 2.000% Due 12-01-51	31418D7E6	80.06	128,405	81.62	130,906	0.6
18,447	FANNIE MAE POOL FS0822 2.000% Due 03-01-52	3140XF4G3	88.61	16,346	81.96	15,120	0.1
14,059	FN MA4562 2.000% Due 03-01-52	31418EB82	83.87	11,792	81.60	11,473	0.0
9,177	FN CB3918 4.500% Due 06-01-52	3140QPK89	96.58	8,863	96.33	8,841	0.0
120,434	FR SD1883 4.000% Due 06-01-52	3132DPCU0	93.84	113,020	93.99	113,195	0.5
18,770	FR QE9566 5.000% Due 09-01-52	3133BKTX7	98.78	18,541	98.06	18,407	0.1
9,553	FR SD1884 5.000% Due 11-01-52	3132DPCV8	100.30	9,582	98.00	9,362	0.0
62,436	FR RA8415 5.500% Due 01-01-53	3133KQK47	101.43	63,326	99.58	62,174	0.3
29,521	FN MA4978 5.000% Due 04-01-53	31418EQ86	99.34	29,328	97.98	28,925	0.1
	Accrued Interest					2,158	0.0
				1,380,785		1,300,391	5.5

Alaska Permanent Capital Management Co.  
**PORTFOLIO APPRAISAL**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*June 30, 2023*

Quantity	Security	Security Symbol	Avg Cost	Total Cost	Price	Market Value	Pct. Assets
<b>INTERNATIONAL FIXED INCOME FUNDS/ETF</b>							
24,208	VANGUARD TOTAL INTL BOND ETF	BNDX	54.69	1,324,055	48.88	1,183,287	5.0
<b>HIGH YIELD FIXED INCOME</b>							
221,338	VANGUARD HI YLD CORP-ADM	VWEAX	5.73	1,268,922	5.22	1,155,384	4.9
<b>INTERNATIONAL EQUITY FUNDS/ETF</b>							
21,055	ISHARES ETF CORE MSCI EAFE	IEFA	65.58	1,380,800	67.50	1,421,212	6.0
<b>MUNICIPAL BONDS</b>							
30,000	SAN FRANCISCO CALIF CITY & CNTY ARPTS COMMN INTL AR79766DTW9100.00 3.345% Due 05-01-51 Accrued Interest			30,000	73.03	21,908	0.1
						167	0.0
				30,000		22,075	0.1
<b>DOMESTIC LARGE CAP EQUITY FUNDS/ETF</b>							
11,760	SPDR S&P 500 ETF	SPY	361.86	4,255,438	443.28	5,212,973	22.0
<b>REAL ESTATE &amp; INFRASTRUCTURE</b>							
22,670	FLEXSHAR STX GLOBAL BROAD INF ETF	NFRA	58.00	1,314,802	52.36	1,187,115	5.0
5,658	JPMORGAN BETABUILDERS MSCI US REIT ETF	BBRE	80.72	456,704	84.43	477,705	2.0
6,101	PACER INDUSTRIAL REAL ESTATE ETF	INDS	40.75	248,590	39.13	238,751	1.0
				2,020,096		1,903,571	8.0
<b>DOMESTIC SMALL CAP EQUITY FUNDS/ETF</b>							
9,475	ISHARES S&P SMALLCAP 600 INDEX ETF	IJR	104.09	986,262	99.65	944,184	4.0
5,817	PACER US SMALL CAP CASH COWS	CALF	35.74	207,885	40.70	236,752	1.0
				1,194,147		1,180,936	5.0
<b>U.S. TREASURY</b>							
45,000	US TREASURY NOTES 2.875% Due 09-30-23	9128285D8	99.54	44,794	99.41	44,733	0.2
95,000	US TREASURY NOTES 0.250% Due 09-30-23	91282CDA6	96.80	91,964	98.78	93,846	0.4
15,000	US TREASURY NOTES 0.125% Due 01-15-24	91282CBE0	99.70	14,954	97.27	14,590	0.1
25,000	US TREASURY NOTE 3.000% Due 06-30-24	91282CEX5	99.79	24,946	97.64	24,410	0.1
55,000	US TREASURY NOTES 2.250% Due 10-31-24	9128283D0	100.12	55,064	96.10	52,856	0.2
100,000	US TREASURY NOTES 2.125% Due 11-30-24	9128283J7	98.37	98,367	95.77	95,766	0.4
85,000	US TREASURY NOTE 1.125% Due 01-15-25	91282CDS7	99.41	84,495	94.04	79,933	0.3
50,000	US TREASURY NOTES 4.250% Due 05-31-25	91282CHD6	99.30	49,648	98.74	49,371	0.2

Alaska Permanent Capital Management Co.  
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**CHUGACH ELECTRIC ASSOCIATION INC**  
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Quantity	Security	Security Symbol	Avg Cost	Total Cost	Price	Market Value	Pct. Assets
120,000	US TREASURY NOTES 4.000% Due 02-15-26	91282CGL9	99.98	119,977	98.46	118,158	0.5
25,000	US TREASURY N/B 3.625% Due 05-15-26	91282CHB0	98.16	24,539	97.56	24,391	0.1
95,000	US TREASURY N/B 4.125% Due 06-15-26	91282CHH7	99.44	94,465	98.99	94,042	0.4
40,000	US TREASURY NOTES 0.875% Due 09-30-26	91282CCZ2	94.50	37,799	89.47	35,788	0.2
100,000	US TREASURY NOTES 2.250% Due 08-15-27	9128282R0	94.49	94,488	92.44	92,441	0.4
30,000	US TREASURY NOTES 3.875% Due 11-30-27	91282CFZ9	99.64	29,891	98.58	29,575	0.1
65,000	US TREASURY NOTES 4.000% Due 02-29-28	91282CGP0	101.49	65,970	99.26	64,520	0.3
98,000	US TREASURY NOTES 3.625% Due 03-31-28	91282CGT2	100.30	98,298	97.67	95,719	0.4
40,000	US TREASURY N/B 3.500% Due 04-30-28	91282CHA2	97.80	39,120	97.17	38,869	0.2
84,000	US TREASURY NOTES 2.875% Due 04-30-29	91282CEM9	94.73	79,575	93.77	78,769	0.3
20,000	US TREASURY NOTE 3.250% Due 06-30-29	91282CEV9	100.53	20,105	95.67	19,134	0.1
30,000	US TREASURY NOTES 3.875% Due 11-30-29	91282CFY2	99.62	29,886	99.09	29,728	0.1
45,000	US TREASURY NOTES 3.875% Due 12-31-29	91282CGB1	102.07	45,933	99.13	44,608	0.2
50,000	US TREASURY NOTES 4.000% Due 02-28-30	91282CGQ8	102.21	51,105	99.93	49,965	0.2
25,000	US TREASURY NOTES 3.500% Due 04-30-30	91282CGZ8	97.49	24,373	97.09	24,273	0.1
50,000	US TREASURY NOTES 0.625% Due 05-15-30	912828ZQ6	79.97	39,987	80.11	40,054	0.2
40,000	US TREASURY N/B 3.750% Due 05-31-30	91282CHF1	99.41	39,764	98.61	39,444	0.2
20,000	US TREASURY N/B 3.750% Due 06-30-30	91282CHJ3	98.70	19,739	98.64	19,728	0.1
65,000	US TREASURY NOTE 0.625% Due 08-15-30	91282CAE1	83.63	54,360	79.67	51,784	0.2
40,000	US TREASURY NOTES 3.375% Due 05-15-33	91282CHC8	96.82	38,727	96.44	38,575	0.2
10,000	US TREASURY NOTE 2.375% Due 02-15-42	912810TF5	100.48	10,048	77.86	7,786	0.0
10,000	US TREASURY NOTE 3.250% Due 05-15-42	912810TH1	96.98	9,698	89.23	8,923	0.0
43,000	US TREASURY NOTES 2.750% Due 08-15-42	912810QX9	91.23	39,229	82.40	35,431	0.1

Alaska Permanent Capital Management Co.  
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Quantity	Security	Security Symbol	Avg Cost	Total Cost	Price	Market Value	Pct. Assets
35,000	US TREASURY NOTES 3.375% Due 08-15-42	912810TK4	94.46	33,061	90.77	31,769	0.1
45,000	US TREASURY NOTES 3.875% Due 05-15-43	912810TS7	96.91	43,610	97.58	43,910	0.2
30,000	US TREASURY NOTES 2.750% Due 08-15-47	912810RY6	102.09	30,626	80.44	24,131	0.1
45,000	US TREASURY NOTES 2.250% Due 08-15-49	912810SJ8	102.04	45,918	72.65	32,693	0.1
20,000	US TREASURY NOTE 1.875% Due 11-15-51	912810TB4	95.26	19,052	66.01	13,202	0.1
35,000	US TREASURY NOTE 2.250% Due 02-15-52	912810TD0	80.16	28,056	72.27	25,293	0.1
55,000	US TREASURY NOTE 2.875% Due 05-15-52	912810TG3	94.12	51,765	82.87	45,579	0.2
50,000	US TREASURY NOTES 3.000% Due 08-15-52	912810TJ7	87.59	43,794	85.02	42,511	0.2
50,000	US TREASURY NOTES 3.625% Due 05-15-53	912810TR9	95.09	47,547	96.11	48,054	0.2
	Accrued Interest					11,609	0.0
				1,914,741		1,855,964	7.8
<b>CASH AND CASH EQUIVALENTS</b>							
	ALLSPRING GOV MONEY MARKET FD INS CL #1751	GVIXX		466,919		466,919	2.0
	CASH PAYABLE	PAYABLE		-480,930		-480,930	-2.0
	CASH RECEIVABLE	RECEIVABLE		194,508		194,508	0.8
	DIVIDEND ACCRUAL	divacc		24,787		24,787	0.1
				205,284		205,284	0.9
<b>TOTAL PORTFOLIO</b>				<b>23,821,530</b>		<b>23,680,006</b>	<b>100.0</b>

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
<b>ALLSPRING GOV MONEY MARKET FD INS CL #1751</b>					
06-01-23			Beginning Balance		2,583,747.24
06-01-23	06-01-23	dp	Addition	to Portfolio	44.77
06-01-23	06-01-23	dp	Addition	to Portfolio	44.77
06-01-23	06-01-23	dp	Addition	to Portfolio	44.78
06-01-23	06-01-23	dp	Interest	ALLSPRING GOV MONEY MARKET FD INS CL #1751	2,609.37
06-01-23	06-01-23	dp	Interest	CANADIAN NATL RESOURCES 3.850% Due 06-01-27	385.00
06-01-23	06-01-23	dp	Interest	RYDER SYSTEM INC 2.900% Due 12-01-26	435.00
06-01-23	06-01-23	dp	Transfer from	DIVIDEND ACCRUAL	5,651.17
06-02-23	06-05-23	dp	Sale	US TREASURY NOTES 4.000% Due 02-29-28	35,247.46
06-02-23	06-05-23	dp	Accrued Interest	US TREASURY NOTES 4.000% Due 02-29-28	369.02
06-05-23	06-05-23	wd	Withdrawal	from Portfolio	-44.78
06-05-23	06-05-23	wd	Withdrawal	from Portfolio	-44.77
06-05-23	06-05-23	wd	Withdrawal	from Portfolio	-44.77
06-06-23	06-06-23	dp	Transfer from	DIVIDEND ACCRUAL	1,699.06
06-06-23	06-06-23	wd	Transfer to	CASH PAYABLE	-34,660.85
06-06-23	06-06-23	wd	Withdrawal	from Portfolio	-2,163,495.71
06-06-23	06-06-23	dp	Addition	to Portfolio	44.77
06-06-23	06-06-23	dp	Addition	to Portfolio	44.77
06-06-23	06-06-23	dp	Addition	to Portfolio	44.78
06-08-23	06-12-23	wd	Purchase	IQ HEDGE MULTI-STRAT TRACKER	-65,975.42
06-08-23	06-12-23	dp	Sale	SPDR S&P 500 ETF	99,722.43
06-12-23	06-13-23	wd	Purchase	US TREASURY NOTES 3.875% Due 05-15-43	-14,602.15

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-12-23	06-13-23	wd	Accrued Interest	US TREASURY NOTES 3.875% Due 05-15-43	-45.81
06-12-23	06-13-23	wd	Purchase	US TREASURY NOTES 3.375% Due 05-15-33	-38,726.56
06-12-23	06-13-23	wd	Accrued Interest	US TREASURY NOTES 3.375% Due 05-15-33	-106.39
06-12-23	06-13-23	wd	Purchase	US TREASURY N/B 3.750% Due 05-31-30	-39,764.06
06-12-23	06-13-23	wd	Accrued Interest	US TREASURY N/B 3.750% Due 05-31-30	-53.28
06-13-23	06-13-23	dp	Dividend	ISHARES ETF CORE MSCI EAFE	26,101.68
06-13-23	06-13-23	dp	Dividend	ISHARES ETF CORE MSCI EMERGING MKTS	8,633.46
06-13-23	06-13-23	dp	Dividend	ISHARES CORE S&P MIDCAP 400 ETF	6,504.55
06-13-23	06-13-23	dp	Dividend	ISHARES S&P SMALLCAP 600 INDEX ETF	3,034.39
06-15-23	06-15-23	dp	Interest	DOMINION ENERGY INC 7.000% Due 06-15-38	875.00
06-15-23	06-15-23	dp	Interest	SOUTHWEST AIRLINES CO 5.125% Due 06-15-27	640.63
06-15-23	06-15-23	dp	Interest	TELUS CORP 4.300% Due 06-15-49	967.50
06-15-23	06-15-23	dp	Interest	FGLMC POOL Q51967 3.500% Due 11-01-47	168.44
06-15-23	06-15-23	dp	Paydown	FGLMC POOL Q51967 3.500% Due 11-01-47	150.82
06-15-23	06-15-23	dp	Paydown	FG G60661 4.000% Due 07-01-46	353.97
06-15-23	06-15-23	dp	Interest	FG G60661 4.000% Due 07-01-46	78.14

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-15-23	06-15-23	dp	Interest	FG G61893 3.000% Due 07-01-47	75.80
06-15-23	06-15-23	dp	Paydown	FG G61893 3.000% Due 07-01-47	265.57
06-20-23	06-20-23	dp	Addition	to Portfolio	343,997.00
06-20-23	06-20-23	dp	Addition	to Portfolio	364,806.00
06-21-23	06-23-23	wd	Purchase	ISHARES CORE S&P MIDCAP 400 ETF	-68,348.66
06-21-23	06-23-23	wd	Purchase	CORE ALTERNATIVE ETF	-23,103.80
06-21-23	06-23-23	wd	Purchase	IQ HEDGE MULTI-STRAT TRACKER	-12,795.27
06-21-23	06-23-23	wd	Purchase	SPDR S&P 500 ETF	-158,121.35
06-21-23	06-23-23	wd	Purchase	VANGUARD TOTAL INTL BOND ETF	-35,540.78
06-21-23	06-23-23	wd	Purchase	VANGUARD SHORT-TERM TIPS ETF	-24,072.87
06-21-23	06-23-23	wd	Purchase	ISHARES ETF CORE MSCI EMERGING MKTS	-27,616.62
06-21-23	06-23-23	wd	Purchase	ISHARES ETF CORE MSCI EAFE	-42,881.22
06-21-23	06-23-23	wd	Purchase	ISHARES BB ROLL SELECT COMMODITY ETF	-19,862.76
06-21-23	06-23-23	wd	Purchase	FLEXSHAR STX GLOBAL BROAD INF ETF	-34,599.73
06-21-23	06-23-23	wd	Purchase	JPMORGAN BETABUILDERS MSCI US REIT ETF	-12,994.26
06-21-23	06-23-23	wd	Purchase	PACER INDUSTRIAL REAL ESTATE ETF	-6,188.23
06-21-23	06-23-23	wd	Purchase	ISHARES S&P SMALLCAP 600 INDEX ETF	-26,391.86

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-21-23	06-23-23	wd	Purchase	PACER US SMALL CAP CASH COWS	-7,485.53
06-21-23	06-23-23	wd	Purchase	SIMON PROPERTY GROUP LP 2.450% Due 09-13-29	-34,013.20
06-21-23	06-23-23	wd	Accrued Interest	SIMON PROPERTY GROUP LP 2.450% Due 09-13-29	-272.22
06-21-23	06-22-23	wd	Purchase	US TREASURY NOTES 3.625% Due 05-15-53	-19,355.47
06-21-23	06-22-23	wd	Accrued Interest	US TREASURY NOTES 3.625% Due 05-15-53	-74.86
06-21-23	06-22-23	wd	Purchase	US TREASURY NOTES 3.875% Due 05-15-43	-9,837.89
06-21-23	06-22-23	wd	Accrued Interest	US TREASURY NOTES 3.875% Due 05-15-43	-40.01
06-21-23	06-22-23	wd	Purchase	US TREASURY N/B 4.125% Due 06-15-26	-69,715.63
06-21-23	06-22-23	wd	Accrued Interest	US TREASURY N/B 4.125% Due 06-15-26	-55.23
06-21-23	06-22-23	wd	Purchase	BLCKRCK SYST MULTI-STR-INST	-27,628.69
06-21-23	06-22-23	wd	Purchase	VANGUARD HI YLD CORP-ADM	-34,929.06
06-23-23	06-23-23	dp	Dividend	FLEXSHAR STX GLOBAL BROAD INF ETF	11,729.88
06-23-23	06-23-23	dp	Dividend	JPMORGAN BETABUILDERS MSCI US REIT ETF	4,359.67
06-23-23	06-23-23	dp	Dividend	CORE ALTERNATIVE ETF	1,988.93
06-25-23	06-26-23	dp	Paydown	FR SB8116 Mtge 2.500% Due 08-01-36	179.49
06-25-23	06-26-23	dp	Paydown	FR SB8503 Mtge 2.000% Due 08-01-35	310.96



Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-25-23	06-26-23	dp	Paydown	FR SD1883 4.000% Due 06-01-52	682.10
06-25-23	06-26-23	dp	Paydown	FR SD1884 5.000% Due 11-01-52	45.86
06-25-23	06-26-23	dp	Paydown	FR SD8129 2.500% Due 02-01-51	152.58
06-25-23	06-26-23	dp	Paydown	FR QC4235 Mtge 2.500% Due 07-01-51	203.37
06-25-23	06-26-23	dp	Paydown	FR QE9566 5.000% Due 09-01-52	22.48
06-25-23	06-26-23	dp	Paydown	FR RA4518 3.500% Due 02-01-51	588.03
06-25-23	06-26-23	dp	Paydown	FR RA8415 5.500% Due 01-01-53	452.77
06-25-23	06-26-23	dp	Paydown	FNCL POOL AS7949 4.000% Due 09-01-46	91.99
06-25-23	06-26-23	dp	Paydown	FN AS8483 3.000% Due 12-01-46	240.86
06-25-23	06-26-23	dp	Paydown	FNCL POOL BM2001 3.500% Due 12-01-46	552.31
06-25-23	06-26-23	dp	Paydown	FANNIE MAE POOL 2.500% Due 05-01-50	258.18
06-25-23	06-26-23	dp	Paydown	FANNIE MAE POOL CB1783 2.500% Due 10-01-51	106.92
06-25-23	06-26-23	dp	Paydown	FN CB3918 4.500% Due 06-01-52	129.49
06-25-23	06-26-23	dp	Paydown	FANNIE MAE POOL FS0822 2.000% Due 03-01-52	148.55
06-25-23	06-26-23	dp	Paydown	FNCL POOL 995373 4.500% Due 02-01-39	290.98

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-25-23	06-26-23	dp	Paydown	FNMA POOL MA3496 4.500% Due 10-01-48	266.08
06-25-23	06-26-23	dp	Paydown	FNMA POOL MA3588 3.500% Due 02-01-34	158.08
06-25-23	06-26-23	dp	Paydown	FNMA POOL MA3210 3.500% Due 12-01-47	265.45
06-25-23	06-26-23	dp	Paydown	FN MA3305 3.500% Due 03-01-48	265.28
06-25-23	06-26-23	dp	Paydown	FANNIE MAE POOL MA3384 4.000% Due 06-01-48	60.42
06-25-23	06-26-23	dp	Paydown	FN MA4383 2.000% Due 07-01-36	387.71
06-25-23	06-26-23	dp	Paydown	FN MA4398 2.000% Due 08-01-51	507.22
06-25-23	06-26-23	dp	Paydown	FN MA4414 2.500% Due 09-01-51	766.43
06-25-23	06-26-23	dp	Paydown	FN MA4475 Mtge 2.500% Due 11-01-41	201.72
06-25-23	06-26-23	dp	Paydown	FN MA4492 2.000% Due 12-01-51	776.16
06-25-23	06-26-23	dp	Paydown	FN MA3834 3.000% Due 11-01-49	218.42
06-25-23	06-26-23	dp	Paydown	FN MA3871 3.000% Due 12-01-49	233.19
06-25-23	06-26-23	dp	Paydown	FN MA4562 2.000% Due 03-01-52	68.44
06-25-23	06-26-23	dp	Paydown	FN MA4978 5.000% Due 04-01-53	195.62
06-26-23	06-26-23	dp	Interest	FR SB8116 Mtge 2.500% Due 08-01-36	47.76

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-26-23	06-26-23	dp	Interest	FR SB8503 Mtge 2.000% Due 08-01-35	41.86
06-26-23	06-26-23	dp	Interest	FR SD1883 4.000% Due 06-01-52	403.72
06-26-23	06-26-23	dp	Interest	FR SD1884 5.000% Due 11-01-52	40.00
06-26-23	06-26-23	dp	Interest	FR SD8129 2.500% Due 02-01-51	41.65
06-26-23	06-26-23	dp	Interest	FR QC4235 Mtge 2.500% Due 07-01-51	216.57
06-26-23	06-26-23	dp	Interest	FR QE9566 5.000% Due 09-01-52	78.30
06-26-23	06-26-23	dp	Interest	FR RA4518 3.500% Due 02-01-51	75.71
06-26-23	06-26-23	dp	Interest	FR RA8415 5.500% Due 01-01-53	288.24
06-26-23	06-26-23	dp	Interest	FNCL POOL AS7949 4.000% Due 09-01-46	128.32
06-26-23	06-26-23	dp	Interest	FN AS8483 3.000% Due 12-01-46	124.45
06-26-23	06-26-23	dp	Interest	FNCL POOL BM2001 3.500% Due 12-01-46	180.08
06-26-23	06-26-23	dp	Interest	FANNIE MAE POOL 2.500% Due 05-01-50	107.95
06-26-23	06-26-23	dp	Interest	FANNIE MAE POOL CB1783 2.500% Due 10-01-51	55.78
06-26-23	06-26-23	dp	Interest	FN CB3918 4.500% Due 06-01-52	34.90
06-26-23	06-26-23	dp	Interest	FANNIE MAE POOL FS0822 2.000% Due 03-01-52	30.99

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-26-23	06-26-23	dp	Interest	FNCL POOL 995373 4.500% Due 02-01-39	149.43
06-26-23	06-26-23	dp	Interest	FNMA POOL MA3496 4.500% Due 10-01-48	63.30
06-26-23	06-26-23	dp	Interest	FNMA POOL MA3588 3.500% Due 02-01-34	50.07
06-26-23	06-26-23	dp	Interest	FNMA POOL MA3210 3.500% Due 12-01-47	93.15
06-26-23	06-26-23	dp	Interest	FN MA3305 3.500% Due 03-01-48	76.78
06-26-23	06-26-23	dp	Interest	FANNIE MAE POOL MA3384 4.000% Due 06-01-48	22.13
06-26-23	06-26-23	dp	Interest	FN MA4383 2.000% Due 07-01-36	65.13
06-26-23	06-26-23	dp	Interest	FN MA4398 2.000% Due 08-01-51	162.62
06-26-23	06-26-23	dp	Interest	FN MA4414 2.500% Due 09-01-51	258.99
06-26-23	06-26-23	dp	Interest	FN MA4475 Mtge 2.500% Due 11-01-41	54.05
06-26-23	06-26-23	dp	Interest	FN MA4492 2.000% Due 12-01-51	268.61
06-26-23	06-26-23	dp	Interest	FN MA3834 3.000% Due 11-01-49	67.02
06-26-23	06-26-23	dp	Interest	FN MA3871 3.000% Due 12-01-49	72.34
06-26-23	06-26-23	dp	Interest	FN MA4562 2.000% Due 03-01-52	23.55
06-26-23	06-26-23	dp	Interest	FN MA4978 5.000% Due 04-01-53	123.82

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-28-23	06-28-23	dp	Dividend	PACER US SMALL CAP CASH COWS	770.32
06-28-23	06-28-23	dp	Dividend	PACER INDUSTRIAL REAL ESTATE ETF	926.53
06-30-23	06-30-23	dp	Interest	US TREASURY NOTE 3.250% Due 06-30-29	325.00
06-30-23	06-30-23	dp	Interest	US TREASURY NOTE 3.000% Due 06-30-24	375.00
06-30-23	06-30-23	dp	Interest	US TREASURY NOTES 3.875% Due 12-31-29	871.88
<b>06-30-23</b>			<b>Ending Balance</b>		<b>466,919.21</b>
<b>CASH PAYABLE</b>					
06-01-23			Beginning Balance		-34,660.85
06-06-23	06-06-23	dp	Transfer from	ALLSPRING GOV MONEY MARKET FD INS CL #1751	34,660.85
06-30-23	07-05-23	wd	Purchase	ISHARES ETF CORE MSCI EAFE	-6,211.47
06-30-23	07-05-23	wd	Purchase	ISHARES CORE S&P MIDCAP 400 ETF	-50,826.15
06-30-23	07-05-23	wd	Purchase	PACER INDUSTRIAL REAL ESTATE ETF	-33,493.82
06-30-23	07-05-23	wd	Purchase	ISHARES S&P SMALLCAP 600 INDEX ETF	-56,614.49
06-30-23	07-05-23	wd	Purchase	FLEXSHAR STX GLOBAL BROAD INF ETF	-29,465.17
06-30-23	07-05-23	wd	Purchase	JPMORGAN BETABUILDERS MSCI US REIT ETF	-38,769.66
06-30-23	07-05-23	wd	Purchase	ISHARES ETF CORE MSCI EMERGING MKTS	-38,367.85

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

<b>Trade Date</b>	<b>Settle Date</b>	<b>Tran Code</b>	<b>Activity</b>	<b>Security</b>	<b>Amount</b>
06-30-23	07-05-23	wd	Purchase	iSHARES BB ROLL SELECT COMMODITY ETF	-72,964.92
06-30-23	07-05-23	wd	Purchase	CORE ALTERNATIVE ETF	-68,596.08
06-30-23	07-05-23	wd	Purchase	VANGUARD SHORT-TERM TIPS ETF	-32,574.79
06-30-23	07-05-23	wd	Purchase	VANGUARD TOTAL INTL BOND ETF	-3,666.83
06-30-23	07-05-23	wd	Purchase	US TREASURY NOTES 3.625% Due 05-15-53	-4,799.02
06-30-23	07-05-23	wd	Purchase	US TREASURY N/B 4.125% Due 06-15-26	-24,749.02
06-30-23	07-05-23	wd	Purchase	US TREASURY N/B 3.750% Due 06-30-30	-19,739.06
06-30-23	07-05-23	wd	Accrued Interest	US TREASURY NOTES 3.625% Due 05-15-53	-25.12
06-30-23	07-05-23	wd	Accrued Interest	US TREASURY N/B 4.125% Due 06-15-26	-56.35
06-30-23	07-05-23	wd	Accrued Interest	US TREASURY N/B 3.750% Due 06-30-30	-10.19
<b>06-30-23</b>			<b>Ending Balance</b>		<b>-480,929.99</b>
<b>CASH RECEIVABLE</b>					
06-01-23			Beginning Balance		0.00
06-30-23	07-05-23	dp	Sale	IQ HEDGE MULTI-STRAT TRACKER	70,402.65
06-30-23	07-05-23	dp	Sale	PACER US SMALL CAP CASH COWS	17,590.68
06-30-23	07-05-23	dp	Sale	SPDR S&P 500 ETF	106,514.50
<b>06-30-23</b>			<b>Ending Balance</b>		<b>194,507.83</b>

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Tran Code	Activity	Security	Amount
<b>DIVIDEND ACCRUAL</b>					
06-01-23			Beginning Balance		5,651.17
06-01-23	06-06-23	dp	Dividend	VANGUARD TOTAL INTL BOND ETF	1,699.06
06-01-23	06-01-23	wd	Transfer to	ALLSPRING GOV MONEY MARKET FD INS CL #1751	-5,651.17
06-06-23	06-06-23	wd	Transfer to	ALLSPRING GOV MONEY MARKET FD INS CL #1751	-1,699.06
06-16-23	07-31-23	dp	Dividend	SPDR S&P 500 ETF	19,065.68
06-30-23	07-03-23	dp	Dividend	VANGUARD HI YLD CORP-ADM	5,721.62
<b>06-30-23</b>			<b>Ending Balance</b>		<b>24,787.30</b>

Alaska Permanent Capital Management Co.  
**REALIZED GAINS AND LOSSES**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 Through 06-30-23*

<b>Date</b>	<b>Quantity</b>	<b>Security</b>	<b>Avg. Cost Basis</b>	<b>Proceeds</b>	<b>Gain Or Loss</b>
06-02-23	35,000	US TREASURY NOTES 4.000% Due 02-29-28	35,522.27	35,247.46	-274.81
06-08-23	233.0000	SPDR S&P 500 ETF	83,776.73	99,722.43	15,945.70
06-15-23	150.82	FGLMC POOL Q51967 3.500% Due 11-01-47	147.56	150.82	3.26
06-15-23	353.97	FG G60661 4.000% Due 07-01-46	366.05	353.97	-12.08
06-15-23	265.57	FG G61893 3.000% Due 07-01-47	268.60	265.57	-3.03
06-25-23	179.49	FR SB8116 Mtge 2.500% Due 08-01-36	187.15	179.49	-7.66
06-25-23	310.96	FR SB8503 Mtge 2.000% Due 08-01-35	319.71	310.96	-8.75
06-25-23	682.10	FR SD1883 4.000% Due 06-01-52	640.11	682.10	41.99
06-25-23	45.86	FR SD1884 5.000% Due 11-01-52	46.00	45.86	-0.14
06-25-23	152.58	FR SD8129 2.500% Due 02-01-51	129.59	152.58	22.99
06-25-23	203.37	FR QC4235 Mtge 2.500% Due 07-01-51	208.07	203.37	-4.70
06-25-23	22.48	FR QE9566 5.000% Due 09-01-52	22.21	22.48	0.27
06-25-23	588.03	FR RA4518 3.500% Due 02-01-51	536.28	588.03	51.75
06-25-23	452.77	FR RA8415 5.500% Due 01-01-53	459.22	452.77	-6.45
06-25-23	91.99	FNCL POOL AS7949 4.000% Due 09-01-46	96.78	91.99	-4.79
06-25-23	240.86	FN AS8483 3.000% Due 12-01-46	247.97	240.86	-7.11
06-25-23	552.31	FNCL POOL BM2001 3.500% Due 12-01-46	569.05	552.31	-16.74
06-25-23	258.18	FANNIE MAE POOL 2.500% Due 05-01-50	271.05	258.18	-12.87



Alaska Permanent Capital Management Co.  
**REALIZED GAINS AND LOSSES**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 Through 06-30-23*

<u>Date</u>	<u>Quantity</u>	<u>Security</u>	<u>Avg. Cost Basis</u>	<u>Proceeds</u>	<u>Gain Or Loss</u>
06-25-23	106.92	FANNIE MAE POOL CB1783 2.500% Due 10-01-51	98.50	106.92	8.42
06-25-23	129.49	FN CB3918 4.500% Due 06-01-52	125.06	129.49	4.43
06-25-23	148.55	FANNIE MAE POOL FS0822 2.000% Due 03-01-52	131.63	148.55	16.92
06-25-23	290.98	FNCL POOL 995373 4.500% Due 02-01-39	310.53	290.98	-19.55
06-25-23	266.08	FNMA POOL MA3496 4.500% Due 10-01-48	275.58	266.08	-9.50
06-25-23	158.08	FNMA POOL MA3588 3.500% Due 02-01-34	160.43	158.08	-2.35
06-25-23	265.45	FNMA POOL MA3210 3.500% Due 12-01-47	262.94	265.45	2.51
06-25-23	265.28	FN MA3305 3.500% Due 03-01-48	273.28	265.28	-8.00
06-25-23	60.42	FANNIE MAE POOL MA3384 4.000% Due 06-01-48	61.65	60.42	-1.23
06-25-23	387.71	FN MA4383 2.000% Due 07-01-36	351.01	387.71	36.70
06-25-23	507.22	FN MA4398 2.000% Due 08-01-51	399.75	507.22	107.47
06-25-23	766.43	FN MA4414 2.500% Due 09-01-51	659.49	766.43	106.94
06-25-23	201.72	FN MA4475 Mtge 2.500% Due 11-01-41	208.94	201.72	-7.22
06-25-23	776.16	FN MA4492 2.000% Due 12-01-51	621.39	776.16	154.77
06-25-23	218.42	FN MA3834 3.000% Due 11-01-49	222.57	218.42	-4.15
06-25-23	233.19	FN MA3871 3.000% Due 12-01-49	237.64	233.19	-4.45
06-25-23	68.44	FN MA4562 2.000% Due 03-01-52	57.40	68.44	11.04

Alaska Permanent Capital Management Co.  
**REALIZED GAINS AND LOSSES**  
***CHUGACH ELECTRIC ASSOCIATION INC***  
*From 06-01-23 Through 06-30-23*

<b>Date</b>	<b>Quantity</b>	<b>Security</b>	<b>Avg. Cost Basis</b>	<b>Proceeds</b>	<b>Gain Or Loss</b>
06-25-23	195.62	FN MA4978 5.000% Due 04-01-53	194.34	195.62	1.28
06-30-23	2,363.0000	IQ HEDGE MULTI-STRAT TRACKER	69,302.65	70,402.65	1,100.00
06-30-23	431.0000	PACER US SMALL CAP CASH COWS	15,402.84	17,590.68	2,187.84
06-30-23	240.0000	SPDR S&P 500 ETF	86,845.67	106,514.50	19,668.83
TOTAL GAINS					39,473.12
TOTAL LOSSES					-415.56
			<b>300,017.66</b>	<b>339,075.22</b>	<b>39,057.56</b>

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
<b>PURCHASES</b>				
ALTERNATIVE BETA				
06-08-23	06-12-23	IQ HEDGE MULTI-STRAT TRACKER	2,236.0000	65,975.42
06-21-23	06-23-23	CORE ALTERNATIVE ETF	826.0000	23,103.80
06-21-23	06-23-23	IQ HEDGE MULTI-STRAT TRACKER	431.0000	12,795.27
06-21-23	06-22-23	BLCKRCK SYST MULTI-STR-INST	2,866.0470	27,628.69
06-30-23	07-05-23	CORE ALTERNATIVE ETF	2,456.0000	68,596.08
				198,099.26
COMMODITIES				
06-21-23	06-23-23	iSHARES BB ROLL SELECT COMMODITY ETF	389.0000	19,862.76
06-30-23	07-05-23	iSHARES BB ROLL SELECT COMMODITY ETF	1,470.0000	72,964.92
				92,827.68
CORPORATE BONDS				
06-21-23	06-23-23	SIMON PROPERTY GROUP LP 2.450% Due 09-13-29	40,000	34,013.20
DOMESTIC FIXED INCOME FUNDS/ETF				
06-21-23	06-23-23	VANGUARD SHORT-TERM TIPS ETF	507.0000	24,072.87
06-30-23	07-05-23	VANGUARD SHORT-TERM TIPS ETF	687.0000	32,574.79
				56,647.66
DOMESTIC LARGE CAP EQUITY FUNDS/ETF				
06-21-23	06-23-23	SPDR S&P 500 ETF	363.0000	158,121.35

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
DOMESTIC MID CAP EQUITY FUNDS/ETF				
06-21-23	06-23-23	ISHARES CORE S&P MIDCAP 400 ETF	268.0000	68,348.66
06-30-23	07-05-23	ISHARES CORE S&P MIDCAP 400 ETF	194.0000	50,826.15
				119,174.81
DOMESTIC SMALL CAP EQUITY FUNDS/ETF				
06-21-23	06-23-23	ISHARES S&P SMALLCAP 600 INDEX ETF	269.0000	26,391.86
06-21-23	06-23-23	PACER US SMALL CAP CASH COWS	189.0000	7,485.53
06-30-23	07-05-23	ISHARES S&P SMALLCAP 600 INDEX ETF	566.0000	56,614.49
				90,491.88
EMERGING MARKET FUNDS/ETF				
06-21-23	06-23-23	ISHARES ETF CORE MSCI EMERGING MKTS	557.0000	27,616.62
06-30-23	07-05-23	ISHARES ETF CORE MSCI EMERGING MKTS	778.0000	38,367.85
				65,984.47
HIGH YIELD FIXED INCOME				
06-21-23	06-22-23	VANGUARD HI YLD CORP-ADM	6,704.2340	34,929.06
INTERNATIONAL EQUITY FUNDS/ETF				
06-21-23	06-23-23	ISHARES ETF CORE MSCI EAFE	634.0000	42,881.22
06-30-23	07-05-23	ISHARES ETF CORE MSCI EAFE	92.0000	6,211.47
				49,092.69

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
INTERNATIONAL FIXED INCOME FUNDS/ETF				
06-21-23	06-23-23	VANGUARD TOTAL INTL BOND ETF	730.0000	35,540.78
06-30-23	07-05-23	VANGUARD TOTAL INTL BOND ETF	75.0000	3,666.83
				39,207.61
REAL ESTATE & INFRASTRUCTURE				
06-21-23	06-23-23	FLEXSHAR STX GLOBAL BROAD INF ETF	668.0000	34,599.73
06-21-23	06-23-23	JPMORGAN BETABUILDERS MSCI US REIT ETF	157.0000	12,994.26
06-21-23	06-23-23	PACER INDUSTRIAL REAL ESTATE ETF	158.0000	6,188.23
06-30-23	07-05-23	PACER INDUSTRIAL REAL ESTATE ETF	864.0000	33,493.82
06-30-23	07-05-23	FLEXSHAR STX GLOBAL BROAD INF ETF	563.0000	29,465.17
06-30-23	07-05-23	JPMORGAN BETABUILDERS MSCI US REIT ETF	464.0000	38,769.66
				155,510.87
U.S. TREASURY				
06-12-23	06-13-23	US TREASURY NOTES 3.875% Due 05-15-43	15,000	14,602.15
06-12-23	06-13-23	US TREASURY NOTES 3.375% Due 05-15-33	40,000	38,726.56
06-12-23	06-13-23	US TREASURY N/B 3.750% Due 05-31-30	40,000	39,764.06
06-21-23	06-22-23	US TREASURY NOTES 3.625% Due 05-15-53	20,000	19,355.47
06-21-23	06-22-23	US TREASURY NOTES 3.875% Due 05-15-43	10,000	9,837.89

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-21-23	06-22-23	US TREASURY N/B 4.125% Due 06-15-26	70,000	69,715.63
06-30-23	07-05-23	US TREASURY NOTES 3.625% Due 05-15-53	5,000	4,799.02
06-30-23	07-05-23	US TREASURY N/B 4.125% Due 06-15-26	25,000	24,749.02
06-30-23	07-05-23	US TREASURY N/B 3.750% Due 06-30-30	20,000	19,739.06
				241,288.86
				<b>1,335,389.40</b>

**TRANSFERS IN**

FNMA & FHLMC

06-13-23		FN MA3305 3.500% Due 03-01-48	0.03	0.03
06-13-23		FANNIE MAE POOL MA3384 4.000% Due 06-01-48	0.01	0.01
				0.04
				<b>0.04</b>

**DEPOSITS AND EXPENSES**

CASH AND CASH EQUIVILENTS

06-01-23	06-01-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.77
06-01-23	06-01-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.77
06-01-23	06-01-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.78
06-06-23	06-06-23	CASH PAYABLE		34,660.85
06-06-23	06-06-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.77
06-06-23	06-06-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.77

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-06-23	06-06-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.78
06-20-23	06-20-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		343,997.00
06-20-23	06-20-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		364,806.00
				743,732.49
<b>MANAGEMENT FEES</b>				
06-30-23	06-30-23	MANAGEMENT FEES		4,499.33
				<b>748,231.82</b>
 <b>DIVIDEND</b>				
ALTERNATIVE BETA				
06-23-23	06-23-23	CORE ALTERNATIVE ETF		1,988.93
DOMESTIC LARGE CAP EQUITY FUNDS/ETF				
06-16-23	07-31-23	SPDR S&P 500 ETF		19,065.68
DOMESTIC MID CAP EQUITY FUNDS/ETF				
06-13-23	06-13-23	ISHARES CORE S&P MIDCAP 400 ETF		6,504.55
DOMESTIC SMALL CAP EQUITY FUNDS/ETF				
06-13-23	06-13-23	ISHARES S&P SMALLCAP 600 INDEX ETF		3,034.39
06-28-23	06-28-23	PACER US SMALL CAP CASH COWS		770.32
				3,804.71
EMERGING MARKET FUNDS/ETF				
06-13-23	06-13-23	ISHARES ETF CORE MSCI EMERGING MKTS		8,633.46

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
HIGH YIELD FIXED INCOME				
06-30-23	07-03-23	VANGUARD HI YLD CORP-ADM		5,721.62
INTERNATIONAL EQUITY FUNDS/ETF				
06-13-23	06-13-23	ISHARES ETF CORE MSCI EAFE		26,101.68
INTERNATIONAL FIXED INCOME FUNDS/ETF				
06-01-23	06-06-23	VANGUARD TOTAL INTL BOND ETF		1,699.06
REAL ESTATE & INFRASTRUCTURE				
06-23-23	06-23-23	FLEXSHAR STX GLOBAL BROAD INF ETF		11,729.88
06-23-23	06-23-23	JPMORGAN BETABUILDERS MSCI US REIT ETF		4,359.67
06-28-23	06-28-23	PACER INDUSTRIAL REAL ESTATE ETF		926.53
				17,016.08
				<b>90,535.77</b>

**INTEREST**

CASH AND CASH EQUIVILENTS				
06-01-23	06-01-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		2,609.37
CORPORATE BONDS				
06-01-23	06-01-23	CANADIAN NATL RESOURCES 3.850% Due 06-01-27		385.00
06-01-23	06-01-23	RYDER SYSTEM INC 2.900% Due 12-01-26		435.00
06-15-23	06-15-23	DOMINION ENERGY INC 7.000% Due 06-15-38		875.00



Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-15-23	06-15-23	SOUTHWEST AIRLINES CO 5.125% Due 06-15-27		640.63
06-15-23	06-15-23	TELUS CORP 4.300% Due 06-15-49		967.50
				3,303.13
FNMA & FHLMC				
06-15-23	06-15-23	FGLMC POOL Q51967 3.500% Due 11-01-47		168.44
06-15-23	06-15-23	FG G60661 4.000% Due 07-01-46		78.14
06-15-23	06-15-23	FG G61893 3.000% Due 07-01-47		75.80
06-26-23	06-26-23	FR SB8116 Mtge 2.500% Due 08-01-36		47.76
06-26-23	06-26-23	FR SB8503 Mtge 2.000% Due 08-01-35		41.86
06-26-23	06-26-23	FR SD1883 4.000% Due 06-01-52		403.72
06-26-23	06-26-23	FR SD1884 5.000% Due 11-01-52		40.00
06-26-23	06-26-23	FR SD8129 2.500% Due 02-01-51		41.65
06-26-23	06-26-23	FR QC4235 Mtge 2.500% Due 07-01-51		216.57
06-26-23	06-26-23	FR QE9566 5.000% Due 09-01-52		78.30
06-26-23	06-26-23	FR RA4518 3.500% Due 02-01-51		75.71
06-26-23	06-26-23	FR RA8415 5.500% Due 01-01-53		288.24
06-26-23	06-26-23	FNCL POOL AS7949 4.000% Due 09-01-46		128.32
06-26-23	06-26-23	FN AS8483 3.000% Due 12-01-46		124.45

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-26-23	06-26-23	FNCL POOL BM2001 3.500% Due 12-01-46		180.08
06-26-23	06-26-23	FANNIE MAE POOL 2.500% Due 05-01-50		107.95
06-26-23	06-26-23	FANNIE MAE POOL CB1783 2.500% Due 10-01-51		55.78
06-26-23	06-26-23	FN CB3918 4.500% Due 06-01-52		34.90
06-26-23	06-26-23	FANNIE MAE POOL FS0822 2.000% Due 03-01-52		30.99
06-26-23	06-26-23	FNCL POOL 995373 4.500% Due 02-01-39		149.43
06-26-23	06-26-23	FNMA POOL MA3496 4.500% Due 10-01-48		63.30
06-26-23	06-26-23	FNMA POOL MA3588 3.500% Due 02-01-34		50.07
06-26-23	06-26-23	FNMA POOL MA3210 3.500% Due 12-01-47		93.15
06-26-23	06-26-23	FN MA3305 3.500% Due 03-01-48		76.78
06-26-23	06-26-23	FANNIE MAE POOL MA3384 4.000% Due 06-01-48		22.13
06-26-23	06-26-23	FN MA4383 2.000% Due 07-01-36		65.13
06-26-23	06-26-23	FN MA4398 2.000% Due 08-01-51		162.62
06-26-23	06-26-23	FN MA4414 2.500% Due 09-01-51		258.99
06-26-23	06-26-23	FN MA4475 Mtge 2.500% Due 11-01-41		54.05
06-26-23	06-26-23	FN MA4492 2.000% Due 12-01-51		268.61
06-26-23	06-26-23	FN MA3834 3.000% Due 11-01-49		67.02

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-26-23	06-26-23	FN MA3871 3.000% Due 12-01-49		72.34
06-26-23	06-26-23	FN MA4562 2.000% Due 03-01-52		23.55
06-26-23	06-26-23	FN MA4978 5.000% Due 04-01-53		123.82
				3,769.65
U.S. TREASURY				
06-30-23	06-30-23	US TREASURY NOTE 3.250% Due 06-30-29		325.00
06-30-23	06-30-23	US TREASURY NOTE 3.000% Due 06-30-24		375.00
06-30-23	06-30-23	US TREASURY NOTES 3.875% Due 12-31-29		871.88
				1,571.88
				<b>11,254.03</b>

**PRINCIPAL PAYDOWNS**

FNMA & FHLMC

06-15-23	06-15-23	FGLMC POOL Q51967 3.500% Due 11-01-47	150.82	150.82
06-15-23	06-15-23	FG G60661 4.000% Due 07-01-46	353.97	353.97
06-15-23	06-15-23	FG G61893 3.000% Due 07-01-47	265.57	265.57
06-25-23	06-26-23	FR SB8116 Mtge 2.500% Due 08-01-36	179.49	179.49
06-25-23	06-26-23	FR SB8503 Mtge 2.000% Due 08-01-35	310.96	310.96
06-25-23	06-26-23	FR SD1883 4.000% Due 06-01-52	682.10	682.10
06-25-23	06-26-23	FR SD1884 5.000% Due 11-01-52	45.86	45.86
06-25-23	06-26-23	FR SD8129 2.500% Due 02-01-51	152.58	152.58

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-25-23	06-26-23	FR QC4235 Mtge 2.500% Due 07-01-51	203.37	203.37
06-25-23	06-26-23	FR QE9566 5.000% Due 09-01-52	22.48	22.48
06-25-23	06-26-23	FR RA4518 3.500% Due 02-01-51	588.03	588.03
06-25-23	06-26-23	FR RA8415 5.500% Due 01-01-53	452.77	452.77
06-25-23	06-26-23	FNCL POOL AS7949 4.000% Due 09-01-46	91.99	91.99
06-25-23	06-26-23	FN AS8483 3.000% Due 12-01-46	240.86	240.86
06-25-23	06-26-23	FNCL POOL BM2001 3.500% Due 12-01-46	552.31	552.31
06-25-23	06-26-23	FANNIE MAE POOL 2.500% Due 05-01-50	258.18	258.18
06-25-23	06-26-23	FANNIE MAE POOL CB1783 2.500% Due 10-01-51	106.92	106.92
06-25-23	06-26-23	FN CB3918 4.500% Due 06-01-52	129.49	129.49
06-25-23	06-26-23	FANNIE MAE POOL FS0822 2.000% Due 03-01-52	148.55	148.55
06-25-23	06-26-23	FNCL POOL 995373 4.500% Due 02-01-39	290.98	290.98
06-25-23	06-26-23	FNMA POOL MA3496 4.500% Due 10-01-48	266.08	266.08
06-25-23	06-26-23	FNMA POOL MA3588 3.500% Due 02-01-34	158.08	158.08
06-25-23	06-26-23	FNMA POOL MA3210 3.500% Due 12-01-47	265.45	265.45
06-25-23	06-26-23	FN MA3305 3.500% Due 03-01-48	265.28	265.28
06-25-23	06-26-23	FANNIE MAE POOL MA3384 4.000% Due 06-01-48	60.42	60.42

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-25-23	06-26-23	FN MA4383 2.000% Due 07-01-36	387.71	387.71
06-25-23	06-26-23	FN MA4398 2.000% Due 08-01-51	507.22	507.22
06-25-23	06-26-23	FN MA4414 2.500% Due 09-01-51	766.43	766.43
06-25-23	06-26-23	FN MA4475 Mtge 2.500% Due 11-01-41	201.72	201.72
06-25-23	06-26-23	FN MA4492 2.000% Due 12-01-51	776.16	776.16
06-25-23	06-26-23	FN MA3834 3.000% Due 11-01-49	218.42	218.42
06-25-23	06-26-23	FN MA3871 3.000% Due 12-01-49	233.19	233.19
06-25-23	06-26-23	FN MA4562 2.000% Due 03-01-52	68.44	68.44
06-25-23	06-26-23	FN MA4978 5.000% Due 04-01-53	195.62	195.62
				9,597.50
				<b>9,597.50</b>

**PURCHASED ACCRUED INTEREST**

CORPORATE BONDS

06-21-23	06-23-23	SIMON PROPERTY GROUP LP 2.450% Due 09-13-29		272.22
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U.S. TREASURY

06-12-23	06-13-23	US TREASURY NOTES 3.875% Due 05-15-43		45.81
06-12-23	06-13-23	US TREASURY NOTES 3.375% Due 05-15-33		106.39
06-12-23	06-13-23	US TREASURY N/B 3.750% Due 05-31-30		53.28
06-21-23	06-22-23	US TREASURY NOTES 3.625% Due 05-15-53		74.86

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
06-21-23	06-22-23	US TREASURY NOTES 3.875% Due 05-15-43		40.01
06-21-23	06-22-23	US TREASURY N/B 4.125% Due 06-15-26		55.23
06-30-23	07-05-23	US TREASURY NOTES 3.625% Due 05-15-53		25.12
06-30-23	07-05-23	US TREASURY N/B 4.125% Due 06-15-26		56.35
06-30-23	07-05-23	US TREASURY N/B 3.750% Due 06-30-30		10.19
				467.24
				<b>739.46</b>

**SALES, MATURITIES, AND CALLS**

ALTERNATIVE BETA

06-30-23	07-05-23	IQ HEDGE MULTI-STRAT TRACKER	2,363.0000	70,402.65
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DOMESTIC LARGE CAP EQUITY FUNDS/ETF

06-08-23	06-12-23	SPDR S&P 500 ETF	233.0000	99,722.43
06-30-23	07-05-23	SPDR S&P 500 ETF	240.0000	106,514.50
				206,236.93

DOMESTIC SMALL CAP EQUITY FUNDS/ETF

06-30-23	07-05-23	PACER US SMALL CAP CASH COWS	431.0000	17,590.68
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U.S. TREASURY

06-02-23	06-05-23	US TREASURY NOTES 4.000% Due 02-29-28	35,000	35,247.46
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**329,477.72**

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
**CHUGACH ELECTRIC ASSOCIATION INC**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
<b>SOLD ACCRUED INTEREST</b>				
U.S. TREASURY				
06-02-23	06-05-23	US TREASURY NOTES 4.000% Due 02-29-28		369.02
				<b>369.02</b>
<b>WITHDRAW</b>				
CASH AND CASH EQUIVILENTS				
06-01-23	06-01-23	DIVIDEND ACCRUAL		5,651.17
06-05-23	06-05-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.78
06-05-23	06-05-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.77
06-05-23	06-05-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		44.77
06-06-23	06-06-23	DIVIDEND ACCRUAL		1,699.06
06-06-23	06-06-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		2,163,495.71
				2,170,980.26
				<b>2,170,980.26</b>

# Chugach Electric BRU FGP Reserve Account #7601

Account Statement - Period Ending June 30, 2023



ALASKA PERMANENT  
CAPITAL MANAGEMENT  
Registered Investment Adviser

## ACCOUNT ACTIVITY

Portfolio Value on 05-31-23	0
Contributions	2,164,852
Withdrawals	0
Change in Market Value	-9,970
Interest	2,705
Dividends	0
Portfolio Value on 06-30-23	2,157,587

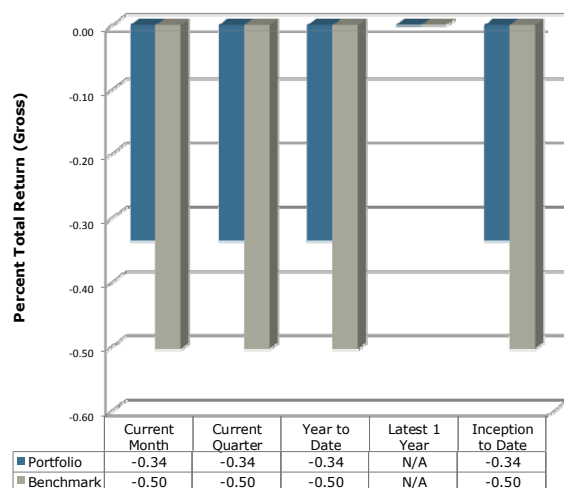
## MANAGEMENT TEAM

Client Relationship Manager:	Blake Phillips, CFA® Blake@apcm.net
Your Portfolio Manager:	Brandy Niclai, CFA®
Contact Phone Number:	907/272-7575

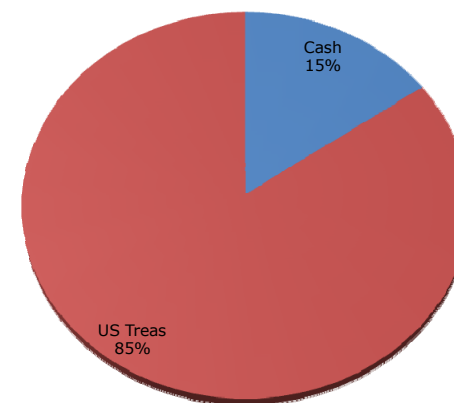
## PORTFOLIO COMPOSITION

## INVESTMENT PERFORMANCE

Current Account Benchmark:  
Equity Blend



Performance is Annualized for Periods Greater than One Year



## Fixed Income Portfolio Statistics

Average Quality: - Yield to Maturity: - Average Maturity: -



Alaska Permanent Capital Management Co.  
**PORTFOLIO APPRAISAL**  
*Chugach Electric BRU FGP Reserve Account #7601*  
*June 30, 2023*

Quantity	Security	Average Cost	Total Average Cost	Price	Market Value	Pct. Assets	Annual Income	Accrued Interest	Yield to Maturity
<b>U.S. TREASURY</b>									
500,000	US TREASURY NOTES 0.375% Due 09-15-24	94.33	471,641	94.25	471,270	21.84	1,875	550	5.34
250,000	US TREASURY NOTE 1.000% Due 12-15-24	94.36	235,889	94.11	235,282	10.90	2,500	109	5.24
650,000	US TREASURY NOTE 2.875% Due 06-15-25	96.72	628,672	96.19	625,241	28.98	18,687	817	4.94
500,000	US TREASURY NOTES 4.000% Due 12-15-25	99.17	495,859	98.43	492,170	22.81	20,000	874	4.68
250,000	US TREASURY N/B 3.625% Due 05-15-26	98.31	245,781	97.56	243,907	11.30		1,157	4.54
	Accrued Interest				3,508	0.16			
			2,077,842		2,071,380	96.00		3,508	
<b>CASH AND CASH EQUIVILENTS</b>									
	ALLSPRING GOV MONEY MARKET FD INS CL #1751		86,207		86,207	4.00			
<b>TOTAL PORTFOLIO</b>			<b>2,164,049</b>		<b>2,157,587</b>	<b>100</b>	<b>52,125</b>	<b>3,508</b>	

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
*Chugach Electric BRU FGP Reserve Account #7601*  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
<b>PURCHASES</b>				
U.S. TREASURY				
06-09-23	06-12-23	US TREASURY NOTES 0.375% Due 09-15-24	500,000	471,640.63
06-09-23	06-12-23	US TREASURY NOTE 1.000% Due 12-15-24	250,000	235,888.67
06-09-23	06-12-23	US TREASURY NOTE 2.875% Due 06-15-25	650,000	628,671.88
06-09-23	06-12-23	US TREASURY NOTES 4.000% Due 12-15-25	500,000	495,859.38
06-09-23	06-12-23	US TREASURY N/B 3.625% Due 05-15-26	250,000	245,781.25
				2,077,841.81
				<b>2,077,841.81</b>
<b>DEPOSITS AND EXPENSES</b>				
CASH AND CASH EQUIVALENTS				
06-06-23	06-06-23	ALLSPRING GOV MONEY MARKET FD INS CL #1751		2,164,852.21
				<b>2,164,852.21</b>
<b>INTEREST</b>				
U.S. TREASURY				
06-15-23	06-15-23	US TREASURY NOTE 1.000% Due 12-15-24		1,250.00
06-15-23	06-15-23	US TREASURY NOTE 2.875% Due 06-15-25		9,343.75
06-15-23	06-15-23	US TREASURY NOTES 4.000% Due 12-15-25		10,000.00
				20,593.75
				<b>20,593.75</b>

Alaska Permanent Capital Management Co.  
**TRANSACTION SUMMARY**  
*Chugach Electric BRU FGP Reserve Account #7601*  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Security	Quantity	Trade Amount
<b>PURCHASED ACCRUED INTEREST</b>				
U.S. TREASURY				
06-09-23	06-12-23	US TREASURY NOTES 0.375% Due 09-15-24		453.46
06-09-23	06-12-23	US TREASURY NOTE 1.000% Due 12-15-24		1,229.40
06-09-23	06-12-23	US TREASURY NOTE 2.875% Due 06-15-25		9,189.73
06-09-23	06-12-23	US TREASURY NOTES 4.000% Due 12-15-25		9,835.16
06-09-23	06-12-23	US TREASURY N/B 3.625% Due 05-15-26		689.54
				21,397.29
				<b>21,397.29</b>

Alaska Permanent Capital Management Co.  
**REALIZED GAINS AND LOSSES**  
*Chugach Electric BRU FGP Reserve Account #7601*  
*From 06-01-23 Through 06-30-23*

<u>Date</u>	<u>Quantity</u>	<u>Security</u>	<u>Avg. Cost</u> <u>Basis</u>	<u>Proceeds</u>	<u>Gain Or Loss</u>
TOTAL GAINS					0.00
TOTAL LOSSES					0.00
			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Alaska Permanent Capital Management Co.  
**CASH LEDGER**  
**Chugach Electric BRU FGP Reserve Account #7601**  
*From 06-01-23 To 06-30-23*

Trade Date	Settle Date	Tran Code	Activity	Security	Amount
<b>ALLSPRING GOV MONEY MARKET FD INS CL #1751</b>					
06-01-23			Beginning Balance		0.00
06-06-23	06-06-23	dp	Addition	to Portfolio	2,164,852.21
06-09-23	06-12-23	wd	Purchase	US TREASURY NOTES 0.375% Due 09-15-24	-471,640.63
06-09-23	06-12-23	wd	Accrued Interest	US TREASURY NOTES 0.375% Due 09-15-24	-453.46
06-09-23	06-12-23	wd	Purchase	US TREASURY NOTE 1.000% Due 12-15-24	-235,888.67
06-09-23	06-12-23	wd	Accrued Interest	US TREASURY NOTE 1.000% Due 12-15-24	-1,229.40
06-09-23	06-12-23	wd	Purchase	US TREASURY NOTE 2.875% Due 06-15-25	-628,671.88
06-09-23	06-12-23	wd	Accrued Interest	US TREASURY NOTE 2.875% Due 06-15-25	-9,189.73
06-09-23	06-12-23	wd	Purchase	US TREASURY NOTES 4.000% Due 12-15-25	-495,859.38
06-09-23	06-12-23	wd	Accrued Interest	US TREASURY NOTES 4.000% Due 12-15-25	-9,835.16
06-09-23	06-12-23	wd	Purchase	US TREASURY N/B 3.625% Due 05-15-26	-245,781.25
06-09-23	06-12-23	wd	Accrued Interest	US TREASURY N/B 3.625% Due 05-15-26	-689.54
06-15-23	06-15-23	dp	Interest	US TREASURY NOTE 1.000% Due 12-15-24	1,250.00
06-15-23	06-15-23	dp	Interest	US TREASURY NOTE 2.875% Due 06-15-25	9,343.75
06-15-23	06-15-23	dp	Interest	US TREASURY NOTES 4.000% Due 12-15-25	10,000.00
<b>06-30-23</b>			<b>Ending Balance</b>		<b>86,206.86</b>

**CHUGACH ELECTRIC ASSOCIATION  
CAPITAL PROJECT TRACKING REPORT  
As of June 30, 2023**

CIP Ref #	Project Name <sup>1</sup>	Project Manager	BOD Project Approval Date	Estimate			Actuals			Variance		Physical Project Completion	Comments
				Estimate	Revisions to Estimate	Revised Estimate	Spending to Date	Forecast to Completion	Total Estimated Completion Cost	Total Estimated Cost vs. Revised Estimate			
										Amount	%		
<b>Reliability</b>													
03.0810	Old Seward OH/UG Dimond-O'Malley E2214120, E2214121, E2220056, E2320066 Baxter OH/UG E1613634	Miller, Mike	4/26/2023	\$8,600,000	\$0	\$8,600,000	\$1,780,509	\$6,819,491	\$8,600,000	\$0	100%	5%	This project will underground the existing overhead distribution and sub-transmission circuits going down Old Seward from the south side of O'Malley Road to approximately Dimond Boulevard. Bids were solicited for the project with Sturgeon Electric selected as the contractor. Active construction began in July of 2023 and the project is anticipated to be completed in early July 2024. This project will also underground a portion of the Baxter Road distribution feeders and will tie two radial feeders, Baxter 282 and Boniface 412, together to increase reliability in the area. The Baxter OH to UG project went to bid the week of August 7, 2023. Bids are due back the week of August 28, 2023. Construction completion is anticipated to be in early August 2024.
05.0300	Campbell Lake Substation Rebuild C2130007, E1920057, E2114076	Chris Kohler	2/16/2022 3/22/2023	\$7,400,000	\$1,200,000	\$8,600,000	\$1,277,281	\$7,322,719	\$8,600,000	\$0	100%	15%	Conditional Use Permit application submitted to the MOA; public hearing is scheduled for September 11, 2023. Switchgear vendor design is ongoing with full design submittal scheduled for September 8, 2023 and anticipated switchgear arrival on site date is September 15, 2024. Estimated energization period is December 2024.
12.1027	Battery Energy Storage System - BESS <sup>3</sup> P2031027, E2314189	Chris Kohler	12/15/2021 10/26/2022	\$43,875,000	\$2,737,500	\$46,612,500	\$40,939,046	\$5,673,454	\$46,612,500	\$0	100%	85%	The Tesla Megapacks arrived on site in June with construction activities ongoing. The 38 kV switchgear fabrication started in August with the anticipated arrival on site date of January 19, 2024. The MV transformers are in fabrication and anticipated arrival on site date is late October 2023. Estimated energization period is Q4 2024.
<b>Retirements &amp; Replacements</b>													
10.0207	East Cable Terminal Reactor Replacement E2120054	Bottoff, Stacey	11/22/2021	\$3,200,000	\$0	\$3,200,000	\$515,994	\$2,684,006	\$3,200,000	\$0	100%	30%	Design was complete in early 2023. The project went out to bid to an Outside Electrical Line Construction Contract (OELCC) Contractor in Q2 2023. The project is in Construction. Work began in July 2023 and the project is expected to be completed in Fall 2023.
10.0364	115kV Quartz Creek T/L Rebuild: Girdwood to Indian Substation E2020053	Merkel, Justin	10/26/2022	\$21,200,000	\$0	\$21,200,000	\$2,799,844	\$18,400,156	\$21,200,000	\$0	100%	35%	The design of the line rebuild is complete. Purchase orders and contracts for all owner furnished material, conductor, pipe piling and hardware is complete. Conductor, Steel piling, and miscellaneous material has been delivered with steel poles scheduled for delivery October-December. Permitting is 95% complete with placement of one structure pending approval from AKDOT. Vegetation clearing is 55% complete. Construction is estimated to begin Q2 2024. Material lead times have shifted work 6 months and pushed the completion date to June 2025.
<b>Agency Mandated</b>													
20.0304	Eklutna Fish & Wildlife <sup>2</sup> P1990277, P2000898	Brodie, Mike	11/26/2019 12/16/2020 12/15/2021 12/14/2022	\$5,383,203	\$0	\$5,383,203	\$4,124,664	\$1,258,540	\$5,383,203	\$0	100%	75%	Eklutna F&W is a multi-year project with final completion of the program in late 2024. 2022 was the second year of a 2-year study program on the Eklutna River, Lake, and plant facilities. Year 2 study reports have been finalized and distributed to the project technical working groups in June 2023. Alternative Analysis discussion are to be held through out the summer of 2023. Draft program development will be developed in the 4th quarter of 2023 with the final program likely submitted to the State of Alaska in Q2 2024 for approval in accordance with the 1991 Eklutna Fish & Wildlife Agreement.
<b>Operating Efficiency</b>													
20.0196 20.0252	CIS/ERP Replacement I2140018	Wood, Melanie	1/19/2022	\$16,973,000	\$0	\$16,973,000	\$6,438,244	\$8,683,471	\$15,121,715	(\$1,851,285)	89%	51%	Phase two testing in progress. Conversion 1 completed. COA redesign completed.
20.0036 20.0358	One Campus Plan - Phase 1 & 2 A2240023, A2240032, A2240033, A2240036 WOC Closed, A2340003, A2340004, A2340005, A2340007, plus purchase of Building G.	Resnick, Josh	12/14/2022	\$64,298,000	\$0	\$64,298,000	\$4,950,715	\$59,347,285	\$64,298,000	\$0	100%	8%	The One Campus Plan is a multi-year project with final completion of the project in late 2025. The Covered Equipment Storage construction and Building C remodel are underway. New Building C design continues and is expected to go to bid fourth quarter 2023.
<b>Totals</b>				<b>\$170,929,203</b>	<b>\$3,937,500</b>	<b>\$174,866,703</b>	<b>\$62,826,297</b>	<b>\$110,189,121</b>	<b>\$173,015,418</b>	<b>(\$1,851,285)</b>	<b>99%</b>		

<sup>1</sup> Report tracks projects with costs exceeding \$2M.

<sup>2</sup> Represents Chugach's portion. Estimate is based on the approved capital budgets for 2020, approved resolution No 02 02 21, and the budget included in the 2023-2027 CIP reviewed by the BOD on 12/14/2022.

<sup>3</sup> Represents Chugach's portion. Project cost is shared at 75% CEA / 25% MEA.

Chugach Electric Association, Inc.  
Anchorage, Alaska

Summary of Executive Session Topics for  
Audit and Finance Committee Meeting on August 30, 2023  
Agenda Item VIII.

- A. Discussion regarding confidential information concerning Beluga River Unit Asset Retirement Obligation (ARO) Investment account, public disclosure of which could have an adverse effect on the finances of the Association. (AS 10.25.175(c)(1))
- B. Discussion regarding confidential information concerning Chugach's KPMG Contract Extension, public disclosure of which could have an adverse effect on the finances of the Association. (AS 10.25.175(c)(1))

**CHUGACH ELECTRIC ASSOCIATION, INC.**  
**Anchorage, Alaska**

**AUDIT & FINANCE COMMITTEE MEETING**  
**AGENDA ITEM SUMMARY**

**August 30, 2023**

**ACTION REQUIRED**

**AGENDA ITEM NO. IX.A.**

       Information Only  
  X   Motion  
  X   Resolution  
       Executive Session  
       Other

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**TOPIC**

Beluga River Unit (BRU) Asset Retirement Obligation (ARO) Investment Account

**DISCUSSION**

Chugach Electric Association, Inc. (Chugach) is required to reserve funds collected from members for the purpose of funding the ARO liability once the BRU becomes no longer economically feasible for gas production. Chugach has been investing those funds in a separately managed investment portfolio. The investment fund custodian is currently Principal Financial Group (Principal).

The Audit & Finance Committee has determined that it is in the best interest of Chugach to change its custodian of the BRU investment fund from Principal to KeyBank.

**MOTION**

Move that the Audit & Finance Committee recommend the Board of Directors approve the attached resolution establishing an asset management account with KeyBank for the BRU ARO investment fund.





## RESOLUTION

### **Beluga River Unit Asset Retirement Obligation Investment Fund Custodian Change**

WHEREAS, Chugach Electric Association, Inc. (Chugach) owns a 66.7% working interest in the Beluga River Unit (BRU) gas field; and

WHEREAS, once the BRU becomes no longer economically feasible for gas production, Chugach and Hilcorp Alaska LLC, the other working interest owner of BRU, will cease operations, remove facilities and abandon the field; and

WHEREAS, the expectation to close the BRU creates a liability referred to as an Asset Retirement Obligation (ARO) liability. Closing the BRU is known as Dismantle, Remove and Restore (DR&R). Final approval of the DR&R rests with state and federal regulatory agencies; and

WHEREAS, Chugach has been using DR&R cost estimates prepared by an engineering team as the basis of its ARO liability and has been collecting a surcharge from members for the purpose of funding the ARO liability and investing those funds in a separately managed investment portfolio; and

WHEREAS, the Board of Directors of Chugach has retained Alaska Permanent Capital Management (APCM) as investment manager and Wells Fargo Bank, N.A. Institutional Retirement & Trust (Wells Fargo) as custodian; and

WHEREAS, Wells Fargo was acquired by Principal Financial Group (Principal); and

WHEREAS, The Board of Directors of Chugach has determined that it is in the best interest of Chugach to change its custodian of the BRU investment fund from Principal to KeyBank; and

NOW, THEREFORE, BE IT RESOLVED, that the Chief Executive Officer and Chief Financial Officer are authorized and directed to execute the necessary documents to change Chugach's custodian of the BRU investment fund to KeyBank.

## CERTIFICATION

I, Susanne Fleek-Green, do hereby certify that I am the Secretary of Chugach Electric Association, Inc., an electric non-profit cooperative membership corporation organized and existing under the laws of the State of Alaska: that the foregoing is a complete and correct copy of a resolution adopted at a meeting of the Board of Directors of this corporation, duly and properly called and held on the 27th day of September 2023; that a quorum was present at the meeting; that the resolution is set forth in the minutes of the meeting and has not been rescinded or modified.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of this corporation on the 27th day of September 2023.

\_\_\_\_\_  
Secretary

**CHUGACH ELECTRIC ASSOCIATION, INC.**  
**Anchorage, Alaska**

**AUDIT & FINANCE COMMITTEE MEETING**  
**AGENDA ITEM SUMMARY**

**August 30, 2023**

**ACTION REQUIRED**

**AGENDA ITEM NO. IX.B.**

       Information Only  
  X   Motion  
       Resolution  
       Executive Session  
       Other

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**TOPIC**

*KPMG Contract Extension*

**DISCUSSION**

The Audit & Finance Committee reviewed a contract extension proposal from KPMG for financial audit services. The Audit & Finance Committee discussed the following options:

- A. 1-year KPMG contract extension
- B. 2-year KPMG contract extension
- C. 5-year KPMG contract extension
- D. Issue a Request for Proposal (RFP) for financial audit services

**MOTION**

Move that the Audit & Finance Committee recommend the Board of Directors approve moving forward with option \_\_\_\_\_.