



**CHUGACH ELECTRIC ASSOCIATION, INC.  
ANCHORAGE, ALASKA**

**REGULAR BOARD OF DIRECTORS' MEETING**

**AGENDA**

Sam Cason, Chair  
Sisi Cooper, Vice Chair  
Rachel Morse, Treasurer  
Susanne Fleek-Green, Secretary

Mark Wiggin, Director  
Bettina Chastain, Director  
Jim Nordlund, Director

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**August 16, 2023**

**4:00 p.m.**

**Chugach Board Room**

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- I. CALL TO ORDER (4:00 p.m.)
  - A. Pledge of Allegiance
  - B. Roll Call
  - C. Safety Minute: Preventing Strain/Sprains (Freeman)
  - D. Electric Power Factoid: Linework (C. Miller)
- II. APPROVAL OF THE AGENDA\* (4:05 p.m.)
- III. PERSONS TO BE HEARD (4:10 p.m.)
  - A. Member Comments
- IV. DIRECTOR REPORTS (4:20 p.m.)
  - A. Alaska Power Association (APA) Report
  - B. Board Committee Reports (Audit & Finance, Operations & Governance)
  - C. Other Meeting Reports
- V. CONSENT AGENDA\* (4:40 p.m.)
  - A. Board Calendar
  - B. Training and Conferences
    - 1. NRECA Fast Track Director Training (September 18-22) – Anchorage, AK
    - 2. NRECA Region 9 Meeting (September 26-28, 2023) – Omaha, NE
  - C. Minutes
    - 1. July 26, 2023, Regular Board of Directors' Meeting (Cacy)
  - D. Director Expenses

- VI. CEO REPORTS AND CORRESPONDENCE (4:45 p.m.)
  - A. 2023 General Rate Case Update (Clarkson) (4:45 p.m.)
  - B. New ERA – Funding Opportunities (D. Highers) (5:00 p.m.)
  - C. Chugach Energy Policy Principles (Rudeck) (5:20 p.m.)
  - D. Board Policy Scheduled Tasks/Reports (Board/Staff) (5:40 p.m.)
- VII. UNFINISHED BUSINESS (none)
- VIII. NEW BUSINESS\* (scheduled) (5:45 p.m.)
  - A. Cooper Lake Hydro Electric Project Siphon Operation Upgrades\* (Ori) (5:45 p.m.)
  - B. 35KV Switch Cabinet Procurement\* (M. Miller) (6:00 p.m.)
  - C. Power Transformer Procurement\* (M. Miller) (6:10 p.m.)
  - D. Desktop Replacement Project Authorization\* (McCarty) (6:25 p.m.)
- IX. EXECUTIVE SESSION\* (scheduled) (6:40 p.m.)
  - A. New ERA – Funding Opportunities (D. Highers)
- X. NEW BUSINESS (none)
- XI. DIRECTOR COMMENTS (7:10 p.m.)
- XII. ADJOURNMENT\* (7:25 p.m.)

\* Denotes Action Items

\*\* Denotes Possible Action Items



# PREVENTING SPRAINS AND STRAINS

Regular Board of Directors' Meeting  
August 16, 2023

# SPRAINS AND STRAINS



**What are they?** A strain is the stretching or tearing of muscles and tendons. Sprains are similar but involve stretching of ligaments.



**Implication.** Majority can be dealt with at home and will generally take you out of action from your preferred sports or activities.

# PREVENTION



Stretch every day to increase flexibility



Warm-up before exercising, warm-down after



Know when to take a break (when discomfort first shows up)

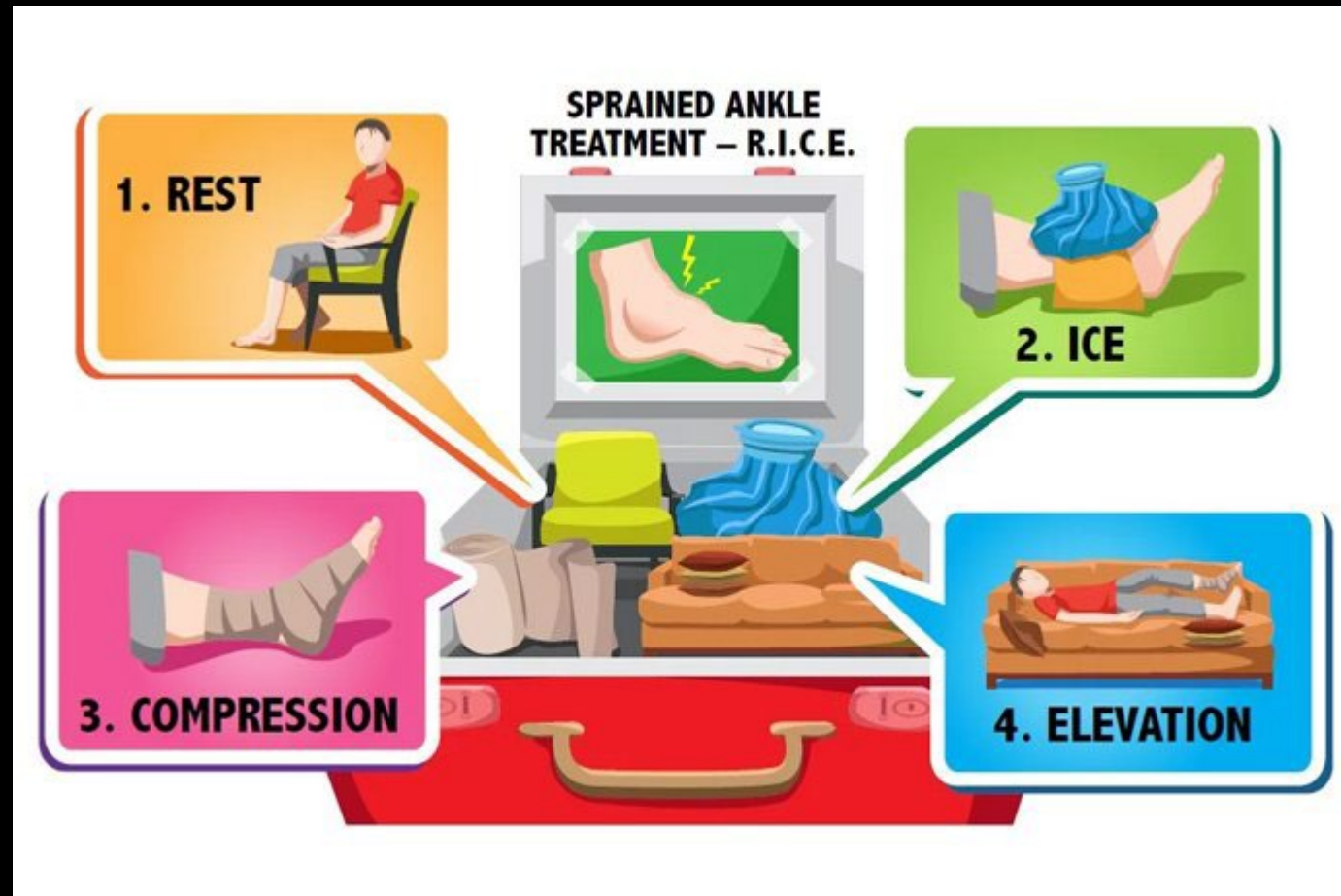


Avoid over-use injuries by varying your routine or your activities



See a doctor when your symptoms get worse

# WHAT TO DO WHEN YOU HAVE ONE



# YTD SAFETY STATISTICS

Recordable Injuries			
Business Unit	2022	2022 July YTD	2023 July YTD
Line Operations	6	3	4
Power Generation	5	3	1
Office and Administrative	0	0	0
<b>Total</b>	<b>11</b>	<b>6</b>	<b>5</b>

Lost time Injuries			
Business Unit	2022	2022 July YTD	2023 July YTD
Line Operations	3	1	3
Power Generation	1	0	0
Office and Administrative	0	0	0
<b>Total</b>	<b>4</b>	<b>1</b>	<b>3</b>

Rates and Lost Workdays			
	2022	2022 July YTD	2023 July YTD
OSHA Rate	2.71	2.57	2.13
Lost Time Rate	.98	.43	1.28
Lost Workdays	179	9	159

**Recordable Injury:** Injury resulting in medical treatment, lost time, or restricted duty.

**OSHA Rate:** Number of recordable injuries x 200,000/employee hours worked.

**Lost Time Rate:** Number of lost time injuries X 200,000/employee hours worked.

**Lost workday:** A day a worker is absent from the workplace due to a work-related injury.

# Line Operations Overview 2023

Regular Board of Directors' Meeting  
August 16, 2023



## Agenda

Organization

Loop Wagons

Heavy Crews

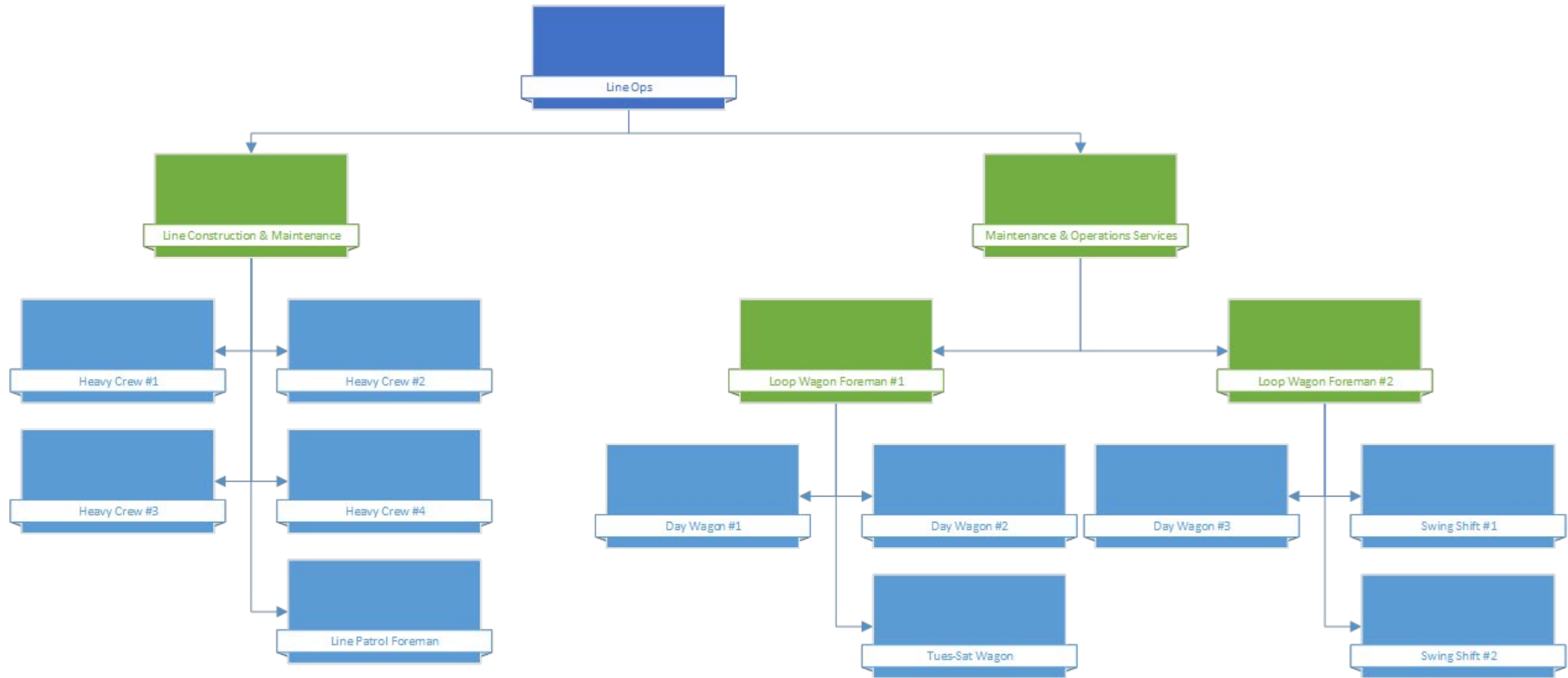
Tools

Questions





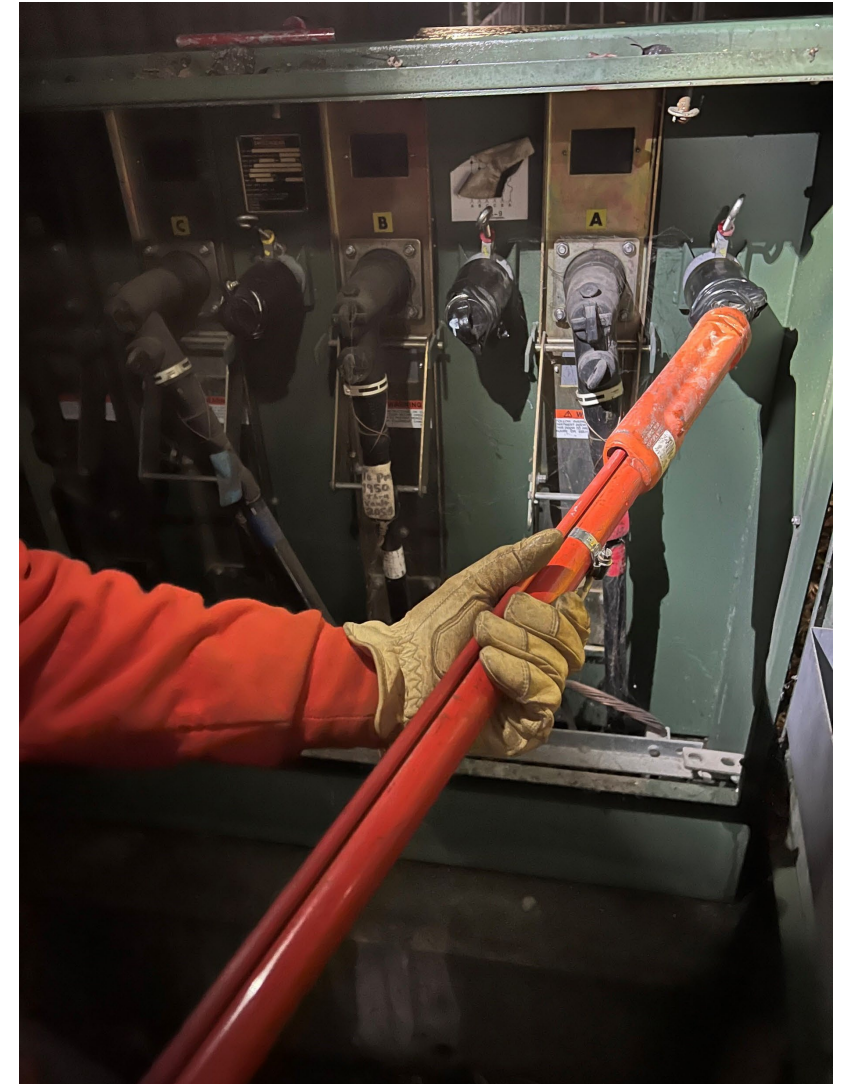
# Line Operations Organization



# Maintenance & Operations (Loop Wagons)



- Appointments with members
- Meter exchanges
- Respond to trouble calls
- Switching
- Repair secondary faults



# Line Construction and Maintenance (Heavy Crews)

- Large construction projects
- Trouble work that requires more manpower and equipment
- Energized work
- Primary fault repair



# Tools of the Trade



- Live line tools
- Rubber goods
- Bucket Trucks
- Digger Trucks
- Cranes
- Track Equipment

# Tools of the Trade

...and helicopters





# Thoughts or Questions?

Public



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- XII. ADJOURNMENT\* (7:25 p.m.)

\* Denotes Action Items

\*\* Denotes Possible Action Items



# August 2023

August 2023							September 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5						1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28	29	30

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jul 30	31	<b>Aug 1</b> 11:00am Alaska Legislators' Tour of SPP (Cooper) (Electric Vehicle) - Trish Baker	2	3 11:00am Alaska Legislators' Tour of SPP (Chastain) (Electric Vehicle) - Trish Baker	4 9:00am Governance Packet Review (Fleek-Green, Morse) (Board Room CR) - Ashton Doyle	5
6	7	8 11:00am Alaska Legislators' Tour of SPP (Nordlund, Cooper, Cason) (Electric Vehicle) - Trish Baker	9 4:00pm Governance Committee Meeting (Board Room CR) - Sandra Cacy	10 11:00am Alaska Legislators' Tour of SPP (Fleek-Green, Wiggin, Cason) (Electric Vehicle) - Trish Baker	11 11:00am Board Packet Review (Board Room CR) - Ashton Doyle	12
13	14	15	16 3:30pm Board Group Photo (Chugach TBD (outside if sunny)) - Ashton Doyle 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	17	18	19
20	21	22	23	24	25	26
APA & AIE Annual Meeting (8/22-8/25)						
			NRECA Director Training		9:00am Review Audit & Finance Packet (Board Room CR) - Sandra Cacy	
27	28	29	30 4:00pm Audit & Finance Committee Meeting (Board Room CR) - Sandra Cacy	31	Sep 1	2

# September 2023

September 2023

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October 2023

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Aug 27	28	29	30	31	Sep 1 8:30am Review Operations Meeting Packet (Board Room CR) - Sandra Cacy	2
3	4 Labor Day	5	6 4:00pm Operations Committee Meeting (Board Room CR) - Ashton Doyle	7 2023 Alaska Wind Workshop (Wiggin) 11:00am Modeling of Renewable Integration (Chugach Boardroom (5601 Electron Drive)) - Ashton Doyle	8 9:00am Review Governance Packet (Board Room CR) - Sandra Cacy	9
10	11	12 11:00am Alaska Legislators' Tour of SPP (Cason, Morse) (Electric Vehicle) - Trish Baker	13 4:00pm Governance Committee Meeting (Board Room CR) - Sandra Cacy	14 NWPPA Meeting (Morse)	15	16
17	18 NRECA Fast Track Director Training (Anchorage, AK)	19	20	21	22 9:30am Review Board Packet (CEO's Office) - Arden Quezon	23
24	25	26 NRECA Regional Meetings 7&9 (Omaha, NE)	27 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	28	29	30

# October 2023

October 2023

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November 2023

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Oct 1	2	3	4 5:00pm Member Advisory Council (MAC) Meeting (TBD) - CCBOD	5	6 9:00am Review OPS Packet (Board Room CR) - Sandra Cacy	7
8	9 APA 2023 Accounting and Finance Workshop	10	11 4:00pm Operations Committee Meeting (Board Room CR) - Sandra Cacy	12	13	14
15	16	17 4:00pm Governance Committee Meeting (Board Room CR) - Sandra Cacy	18	19	20 9:30am Review Board Packet (CEO's Office) - Arden Quezon	21
22	23	24	25 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	26	27	28
29	30	31	Nov 1	2	3	4

# November 2023

November 2023

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December 2023

Su	Mo	Tu	We	Th	Fr	Sa
						1
	3	4	5	6	7	8
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Oct 29	30	31	Nov 1	2	3	4
5	6 9:30am Audit & Finance Packet Review (Sherri's Office) - Arden Quezon	7 11:30am Legislative Luncheon (The Megan Room - 6591 A Street, Anchorage, AK 99518) - Ashton Doyle	8 4:00pm Audit & Finance Committee (Budget) (Board Room CR) - Sandra Cacy	9 11:30am FW: Legislative Luncheon (Megan Room, 6591 A Street, Anchorage) - Trish Baker	10 9:30am Board Packet Review (CEO's Office) - Arden Quezon	11
12	13 Strategic Planning Session (11/13-11/14) (The Megan Room) 8:00am Regular Board of Directors' Meeting -5:00pm	14	15	16	17	18
19	20	21	22	23 Thanksgiving Holiday	24	25
26	27 4:00pm Audit & Finance Committee Meeting (Board Room CR) - Sandra Cacy	28	29	30	Dec 1	2

# December 2023

December 2023							January 2024						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	30	31			
31													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Nov 26	27	28	29	30	Dec 1	2
3	4	5	6 <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">APA December Meeting Series</div> <div style="border: 1px solid black; padding: 2px;">APA/AIE Open House</div>	7	8 <div style="border: 1px solid black; padding: 2px; margin-top: 2px;">9:00am Review Board Packet (CEO's Office) - Arden Quezon</div>	9
10	11	12	13 <div style="border: 1px solid black; padding: 2px; margin-top: 2px;">4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy</div>	14	15	16
17	18	19	20	21	22 <div style="background-color: #f8d7da; padding: 2px; margin-top: 2px;">Christmas Eve Holiday Observed</div>	23
24	25 <div style="background-color: #f8d7da; padding: 2px; margin-top: 2px;">Christmas Day</div>	26	27	28	29 <div style="background-color: #f8d7da; padding: 2px; margin-top: 2px;">New Years Eve Holiday Observed</div>	30
31	Jan 1, 24	2	3	4	5	6

# January 2024

January 2024

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February 2024

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Dec 31	Jan 1, 24 New Years Day	2	3	4	5 9:00am Review Governance Packet (Board Room CR) - Sandra Cacy	6
7	8	9	10 4:00pm Governance Committee Meeting (Board Room CR) - Sandra Cacy	11	12	13
14	15 Martin Luther King Jr. Day	16	17	18	19 9:00am Review Board Packet (Board Room CR) - Sandra Cacy	20
21	22	23	24 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	25	26	27
28	29	30 APA Managers' Forum meeting and NRECA Director Training class	31 2024 APA State Legislative Cd	Feb 1	2	3

# February 2024

February 2024							March 2024						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3						1	2
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29			24	25	26	27	28	29	30
							31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jan 28	29	30	31	Feb 1 2024 APA State Legislative	2 9:00am Review Operations Packet (Board Room CR) - Sandra Cacy	3
4	5	6	7 4:00pm Operations Committee Meeting (Board Room CR) - Sandra Cacy	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23 9:00am Review Board Packet (Board Room CR) - Sandra Cacy	24
25	26	27	28 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	29	Mar 1	2

# March 2024

March 2024						April 2024							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	30				
31													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Feb 25	26	27	28	29	Mar 1 8:00am NRECA PowerXchange (March 1 - 6 San Antonio)	2
3	4	5	6 8:30am	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22 9:00am Review Board Packet (Board Room CR) - Sandra Cacy	23
24	25	26	27 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	28	29 9:00am Review Audit & Finance Packet (Board Room CR) - Sandra Cacy	30
31	Apr 1	2	3	4	5	6



# April 2024

April 2024							May 2024						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6				1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30					26	27	28	29	30	31	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Mar 31	Apr 1	2	3 4:00pm Audit & Finance Committee Meeting (Board Room CR) - Sandra Cacy	4	5 9:00am Review OPS Packet (Board Room CR) - Sandra Cacy 10:00am Review Governance Packet (Board Room CR) - Sandra Cacy	6
7	8	9	10 4:00pm Operations Committee Meeting (Board Room CR) - Sandra Cacy 6:00pm Governance Committee Meeting (immediately following OPS Meeting) (Board Room CR) - Sandra Cacy	11	12	13
14	15	16	17	18	19 9:00am Review Board Packet (Board Room CR) - Sandra Cacy	20
21	22	23	24 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	25	26	27
28	29	30	May 1	2	3	4

# May 2024

May 2024							June 2024						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Apr 28	29	30	May 1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17 <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">9:00am Board Packet Review (Board Room CR) - Sandra Cacy</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">3:00pm Member Appreciation Day (ChangePoint Alaska (6689 Changepoint</div> <div style="border: 1px solid black; padding: 2px;">6:00pm Annual Membership Meeting/Special</div>	18
19	20	21	22 <div style="border: 1px solid black; padding: 2px;">4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy</div>	23	24 <div style="border: 1px solid black; padding: 2px;">9:00am Audit &amp; Finance Packet Review - Sandra Cacy</div>	25
26	27 <div style="background-color: #f08080; padding: 2px;">Memorial Day</div>	28	29 <div style="border: 1px solid black; padding: 2px;">4:00pm Audit &amp; Finance Committee Meeting (Board Room CR) - Sandra Cacy</div>	30	31 <div style="border: 1px solid black; padding: 2px;">9:00am Governance Packet Review (Board Room CR) - Sandra Cacy</div>	Jun 1

# June 2024

June 2024							July 2024						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
						1		1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31			
30													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
May 26	27	28	29	30	31	Jun 1
2	3	4	5 4:00pm Governance Committee Meeting (Board Room CR) - Sandra Cacy	6	7	8
9	10	11	12	13	14	15
16	17	18	19 Juneteenth	20	21 9:00am Board Packet Review (Board Room CR) - Sandra Cacy	22
23	24	25	26 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	27	28	29
30	Jul 1	2	3	4	5	6

# July 2024

July 2024						August 2024							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6					1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28	29	30	31

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jun 30	Jul 1	2	3	4 Independence Day	5 9:00am OPS Packet Review (Board Room CR) - Sandra Cacy	6
7	8	9	10 4:00pm Operations Committee Meeting (Board Room CR) - Sandra Cacy	11	12	13
14	15	16	17	18	19 9:00am Board Packet Review (Board Room CR) - Sandra Cacy	20
21	22	23	24 4:00pm Regular Board of Directors Meeting (Board Room CR) - Sandra Cacy	25	26	27
28	29	30	31	Aug 1	2	3

# ***NRECA Fast Track Director Training***

SEPTEMBER 18-22, 2023  
ANCHORAGE, ALASKA

***EARN YOUR CREDENTIALLED  
COOPERATIVE DIRECTOR  
CERTIFICATION IN JUST ONE WEEK!***



# Regional Meetings 7&9

Omaha, NE | September 26 - 28, 2023

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## Schedule

*Subject to change. All times are local to the event location.*

### **TUE. 09/26**

7:00am - 8:30am	Registration – Pre-Meeting Education
8:00am - 4:00pm	Director Education Course: 2630 Strategic Planning
8:00am - 4:00pm	Director Education Course: 950.1 Practical Communication Strategies for Directors
8:00am - 4:00pm	Director Education Course: 984.1 The Road to Resiliency: A Director's Responsibility
1:00pm - 5:00pm	Registration – Regional Meeting and Voting Delegates
1:00pm - 5:00pm	Win Federal Infrastructure Funding: How to Create and Perfect your Project Concept and Pitch
3:30pm - 5:00pm	NISC Update and Reception
5:00pm - 6:30pm	America's Electric Cooperatives PAC Donor Appreciation Reception

### **WED. 09/27**

7:30am - 4:30pm	Registration – Regional Meeting and Voting Delegates
9:00am - 11:00am	First General Session
11:00am - 11:30am	Coffee Break
11:30am - 12:00pm	CFC District Meeting

12:00pm - 1:30pm	Lunch and Address by CFC CEO Andrew Don
1:30pm - 2:00pm	NRECA Broadband Information Session
2:00pm - 3:00pm	Second General Session
3:00pm - 3:30pm	Coffee Break
3:30pm	Resolutions Committee Meeting
4:30pm - 4:45pm	Federated Rural Electric Insurance Exchange Region 9 Director Elections
5:30pm - 7:00pm	Welcome Reception

**THU. 09/28**

7:30am - 8:30am	NRECA Broadband Breakfast
7:30am - 9:30am	Registration – Regional Meeting and Voting Delegates
8:45am	Region 7 Business Meeting
9:30am	Region 9 Business Meeting
10:15am - 11:15am	Third General Session

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

**July 26, 2023**  
**Wednesday**  
**4:00 p.m.**

**REGULAR BOARD OF DIRECTORS' MEETING**

Recording Secretary: Sandra Cacy

**I. CALL TO ORDER**

Director Cooper called the Regular Board of Directors' meeting to order at 4:00 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

*A. Pledge of Allegiance*

Director Cooper led the Board in the Pledge of Allegiance.

*B. Roll Call*

*Board Members Present:*

Sam Cason, Chair (*via teleconference*)

Sisi Cooper, Vice Chair

Rachel Morse, Treasurer

Susanne Fleek-Green, Secretary

Mark Wiggin, Director

Bettina Chastain, Director (*arrived at 4:02 p.m.*)

Jim Nordlund, Director

*Staff and Guests in Attendance:*

*Present:*

Arthur Miller

Josh Travis

Marty Freeman

Andrew Laughlin

Trish Baker

Heather Slocum

Bob Butera, Member

Sean Skaling

Emily Mueller

Karen Griffin

Sherri Highers

Julie Hasquet

Bernie Smith, Member

Louis Lazur, Member

Jean Kommuller

Todd McCarty

Mark Henspeter

David Caye

Lynda Muise

Carl Berger, Member

Jonas Banta, Member

*Via Teleconference:*

Cutis Sims

Teresa Kurka

Matt Perkins,

Alaska Renewables

Bennett Norman, Member

Nathan Golab

Ashton Doyle

Ky'yanna Hamilton

Michael Rovito, APA

Kyle Drefke, Orrick

Debbie Gardino

Brian Kassof, Member

Mitchell Roth, Member

Rachel Christensen,

Member



C. *Safety Minute*

Marty Freeman, Senior Manager, HSE, discussed “*What To Do If You Have/Suspect a Gas Leak*” and June Safety Statistics and responded to questions from the Board. Arther Miller, Chief Executive Officer (CEO), took the opportunity to comment Marty on his forethought on safety training as well as the prescription drug program he put in place in 2016, which subsequently helped save a life at Beluga.

D. *Electric Power Factoid: Working Capital*

Karen Griffin, Vice President, Finance and Accounting, presented an overview of Working Capital and responded to questions from the Board.

**II. APPROVAL OF AGENDA**

Director Morse moved, and Director Wiggin seconded the motion to approve the agenda. The motion passed unanimously.

**III. PERSONS TO BE HEARD**

A. *Member Comments*

Carl Berger, Chugach Member, and member of the Member Advisory Council introduced himself and gave his thoughts on the value of MAC. Mr. Berger encouraged all of the Directors to attend MAC meetings when able and also commented on how he feels the Outlet publication is a great tool for members.

Aurora Roth, Chugach Member, expressed gratitude on the July 12<sup>th</sup> Operations Committee Meeting presentations. Ms. Roth also commented on the continued effort to provide open information and sharing as well as the new Rate Estimator on Chugach’s website. She would like to see more on the Rate Case and Renewables and how they are impacting members.

Bennet Norman, Chugach Member, spoke on the Eklutna River Project and some changes he would like to see in the proposed plan.

**IV. DIRECTOR REPORTS**

A. *Alaska Power Association (APA) Report*

Director Cooper introduced Michael Rovito, Deputy Director, AK Power Association (APA), who provided an update on APA activities and thanked Chugach for sponsoring a session and sending door prizes to the August APA Annual Meeting in Valdez.

B. *Board Committee Reports (Audit and Finance, Operations & Governance)*

Director Morse reported that there have been no new Audit & Finance Meetings since the May 31, 2023, and noted that the next Audit & Finance meeting would be August 30, 2023.

Director Wiggin reported on the July 12, 2023, Operations Committee Meeting and reported the next meeting would be held on October 11, 2023.

Director Fleek-Green had nothing new to report since the June 21, 2023, Governance Committee Meetings and stated the next meeting would be held on August 9, 2023.

C. *Other Meeting Reports*

Director Morse reported on the NWPPA, call-in, Board Meetings she attended recently and mentioned that NWPPA CEO has been called to be the American Public Power CEO in Washington, DC.

Director Nordlund reported on the July 26, 2023, REAP Meeting.

Director Cooper reported on the July 19, 2023, MAC Meeting.

**V. CONSENT AGENDA**

A. *Board Calendar*

B. *Training and Conferences*

1. *2023 APA Annual Meeting (August 22 – 25, 2023) Valdez, AK*

2. *NRECA Region 9 Meeting (September 26-28, 2023) – Omaha, NE*

C. *Minutes*

1. *June 28, 2023, Regular Board of Directors' Meeting (Hamilton)*

2. *June 29, 2023, Special Board of Directors' Meeting (Doyle)*

D. *Director Expenses*

Director Morse moved, and Director Chastain seconded the motion to approve the consent agenda. The motion passed unanimously.

*Director Cason delegated Director Cooper to sign for him at the meeting.*

**VI. CEO REPORTS AND CORRESPONDENCE**

A. *May 2023 Financial Statements and Variance Report (Griffin)*

Karen Griffin, VP, Finance and Accounting, provided the May 2023 Variance Report, an update on the Financials, and responded to questions from the Board.

B. *Write-off of Accounts Receivable – Electric/Other (Muisse)*

Lynda Muise, Sr. Manager of Member Accounts, briefly discussed the current Write-offs for Accounts Receivable, damage claims, and how they relate to past years. Ms. Muise responded to questions and comments from the Board.

C. *Member Committee Outreach (Hasquet)*

Julie Hasquet, VP, Corporate Communications, reported on upcoming goals and plans for advertising and outreach to members.

D. *Board Policy Scheduled Tasks/Reports (Board/Staff)*

The Board Policy Scheduled Tasks were provided in the meeting packet.

Arthur Miller, CEO, discussed the CEO Reports and Correspondence contents and responded to questions from the Board.

**VII. UNFINISHED BUSINESS**

None.

## VIII. NEW BUSINESS

- A. *First National Bank of Alaska Corporate Authorization Resolution\* (Griffin)*  
Karen Griffin was available for questions regarding the Corporate Authorization Resolution process.

Director Wiggin moved, and Director Chastain seconded the motion that the Board of Directors approve the attached resolution updating the First National Bank of Alaska Corporate Authorization Resolution to reflect the election of officers at its May 24, 2023, Board of Directors' Meeting. The motion passed unanimously.

- B. *Capital Credit Allocation\* (Kornmuller)*  
Jean Kornmuller, Manager of Regulatory Affairs, responded to questions from the Board regarding the current Capital Credit Allocations.

Director Morse moved, and Director Chastain seconded the motion that the Board of Directors approve the attached Resolution authorizing 2022 capital credit allocations in the amount of \$8,123,737, with \$4,408,952 assigned to South District retail members, \$3,662,096 assigned to North District retail members, and \$52,689 assigned to Seward Electric System. The motion passed unanimously.

## IX. EXECUTIVE SESSION

- A. *Amended and Restated Credit Agreement\* (Highers/Drefke)*  
B. *May 1, 2023 – April 30, 2024 – CEO Project Specific Initiatives and Priority Areas (Miller/Board)*

At 5:25 p.m., Director Morse moved, and Director Fleek-Green seconded the motion that pursuant to Alaska Statute 10.25.175(c)(1), (3) and (4), the Board of Directors go into executive session to: 1) discuss and receive reports regarding matters the immediate knowledge of which would clearly have an adverse effect on the finances of the cooperative; 2) discuss with its attorneys matters the immediate knowledge of which could have an adverse effect on the legal position of the cooperative; and 3) discuss personnel matters. The motion passed unanimously.

*The meeting reconvened in open session at 7:01 p.m.*

## X. NEW BUSINESS\*

- A. *Amended and Restated Credit Agreement\* (Highers/Drefke)*

Director Morse moved, and Director Chastain seconded the motion that the Board of Directors approve the attached Resolution authorizing the Chief Executive Officer to enter into the Amended and Restated Credit Agreement. The motion passed unanimously.

- B. *May 1, 2023 – April 30, 2024, CEO Project Specific Initiatives and Priority Areas\*\* (Miller/Board)*

Director Wiggin moved, and Director Nordlund seconded the motion that the Board of Directors approve the May 1, 2023, through April 30, 2024 CEO Project Specific Initiatives and Priority Areas as discussed in executive session. The motion passed unanimously.

**XI. DIRECTOR COMMENTS**

Director comments were made at this time.

**XII. ADJOURNMENT**

At 7:17 p.m., Director Wiggin moved, and Director Chastain seconded the motion to adjourn. The motion passed unanimously.

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Susanne Fleek-Green, Secretary  
Date Approved: August 16, 2023

CHUGACH ELECTRIC ASSOCIATION, INC.  
Anchorage, Alaska

**REGULAR BOARD OF DIRECTORS' MEETING**  
**AGENDA ITEM SUMMARY**

August 16, 2023

**ACTION REQUIRED**

AGENDA ITEM NO. V.D.

Information Only  
 Motion  
 Resolution  
 Executive Session  
 Other

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**TOPIC**

Director Expenses

**DISCUSSION**

The Directors' expenses will be submitted for approval at the board meeting.

**MOTION**

*(Consent Agenda)*

## GENERAL RATE CASE PUBLIC COMMENTS SUMMARY

### Number of Comments

- 93 comments were submitted.
- 64 of the 93 were identical comments reiterating concerns raised by AARP.

### Summary of Comments

**AARP comments** opposed Chugach's proposal as they believe the proposed rate increases for residential customers are too large. They commented that residential customers must "be treated fairly and not be forced to subsidize commercial classes." They also commented that utility rates are an essential "pocketbook issue" for older Alaskans and they struggle to pay their utility bills. The 64 public comments filed by the AARP members were identical.

**UAA comments** expressed concern with the size of the increases and the financial impact on its various service locations within Chugach's service areas stating that UAA doesn't have the budget flexibility to accommodate such large increases in rates.

**APU comments** stated that Chugach's proposed rate design is not built to conserve natural gas and that more incentives to develop non-natural gas/renewable projects should be included. They also commented that there should be more incentive for residential solar producers to sell excess power back to the grid.

**Chugach Ratepayers Alliance comments** stated that the rate case was filed prematurely, does not encourage conservation of natural gas, and will have unknown impacts on the Power Cost Equalization program and electric rates for rural Alaska.

**REAP comments** addressed numerous perceived concerns with Chugach's rate case filing.

1. REAP alleges that Chugach's filing disregards the Commission's prior orders regarding the rate case and relies on "the Commission being struck with collective amnesia as to the contents of its own orders." Specifically, REAP asserts that Chugach's base rates should have been structured to reasonably approximate load ratio share between the North and South Districts.
2. REAP alleges that Chugach's rate mitigation plan is unjust and unreasonable, does not transparently allocate costs, and fails to address when rates will subsequently be unified.
3. REAP alleges that Chugach's rates fail to satisfy the Commission's statutory directive to establish rates that promote the conservation of resources used in the generation of electric energy.
4. REAP alleges that Chugach "could have, but refused to, propose an inclining block rate structure."
5. REAP alleges that Chugach's transmission rate increases undermine the goal of merit order dispatch and discretionarily shift costs outside of Chugach's service territory to benefit Chugach's native load customers.
6. REAP alleges that in addition to the rate case filing deficiencies, Chugach has failed to form a single load balancing area with MEA through the power pool. In this vein, REAP implies that

Chugach should face sanctions for its “unjustified recalcitrance to follow the Commission’s orders.”

7. REAP requests that Chugach’s filing be suspended and that REAP be made a party to the proceeding so that it can advocate against importing LNG by promoting a rate design that more effectively conserves natural gas.

# Decarbonization Program Update

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REGULAR BOARD OF DIRECTORS' MEETING

AUGUST 16, 2023



**CHUGACH**

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# Chugach is Engaged in All Aspects of Decarbonization

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- Beneficial Electrification
- Grid Development
- Renewable Energy Systems
- Carbon Capture, Utilization & Sequestration
- Hydrogen
- Hydroelectric
- Nuclear

# Grant Applications are Underway

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- FOA 2745: Bipartisan Infrastructure Law (BIL) Solar and Wind Grid Services and Reliability Demonstration, Topic Area 2: Protection of Bulk Power Systems with High Contribution from Inverter-Based Resources
  - Grid Protection Study & Demonstration with Distributed Energy Resource Management System (DERMS) Development
- FOA 3088: Maintaining & Enhancing Hydroelectric Incentives
  - Cooper Lake Hydro Operations Improvement Project
- State of Alaska, Renewable Energy Fund, Round 15
  - Godwin Creek Hydroelectric Project (Concept & Feasibility Only)

# Chugach Letters of Commitment

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- Railbelt Utilities
  - FOA 2740: Grid Resilience and Innovation Partnerships
    - Topic 1, Grid Resilience Grants
    - Topic 2, Smart Grid Grants
    - Topic 3, Grid Innovation Program
- Confidential
  - FOA 2867: Long-Duration Energy Storage Demonstrations
    - LDES Demonstration Project
- Port of Alaska (Municipality of Anchorage)
  - Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program
    - Distributed Energy Resource Management System (DERMS) Development Project
  - Defense Community Infrastructure Pilot (DCIP) Program
    - Port of Alaska Microgrid

# Chugach Letters of Support

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- FOA 2711: CarbonSAFE Phase II (AOI 4) Storage Complex Feasibility
  - UAF/Hilcorp in their pursuit of identifying potential CO2 storage areas
- L001: Long Duration Energy Storage Demonstrations
  - Sandia National Laboratories (SNL) in support of long-duration energy storage development
  - National Renewable Energy Laboratory (NREL) also in support, but for a different storage technology
- L002: Collaborative Alignment for Critical Technology Industries
  - SNL supporting the commercialization of energy storage technologies through collaboration
- FOA 2845: U.S. Tidal Energy Advancement
  - Tidal Energy Corp. in support of their tidal project to be located off of Fire Island
  - Offered to ORPC in support of a separate tidal project but no grant application was made
- FY 2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Discretionary Grant Program
  - Port of Alaska Microgrid

# Grant Deadlines are Driving Program Pace

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- New ERA (Empowering Rural America)
  - Timeline
    - Deadlines for Letters of Interest due 9/15/23
    - Invitation to Proceed (no dates or deadlines provided, expected in 1Q 2024)
    - Full Application (within 60 days of Invitation to Proceed)
    - All disbursements to be made by 9/30/2031
  - Scope includes all clean energy projects and is based on “demonstrable reduction” in GHG emissions
    - Proven, off-the-shelf technologies only
  - Includes both grant opportunities and loans
    - Loans are at Treasury plus a percentage depending on loan term
    - Grant is maximum 25% of total project cost
  - 25% equity requirement in the project is required

# Grant Deadlines are Driving Program Pace

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- PACE (Powering Affordable Clean Energy)
  - Partially forgivable loan program for clean energy projects serving rural America (20% for Chugach) if conditions are met
  - Only certain Chugach projects may be eligible given our service territory has a low percentage of rural population

# Chugach's Program Planning Approach

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- Roadmap Development
  - Published on Chugach website
- Projects Development
  - 73 total concepts considered
    - 29 concepts moving forward
    - 11 (of the 29) concepts being advanced for feasibility study
- Plan Development
  - Scenarios to meet Chugach goals being proposed
- Execute Required Studies
  - Economic Dispatch Study, Interconnection Study, Impact Study, and Regulation Study
  - Study process may result in adjustments to projects scope

# Chugach's Draft "Gas-to-Renewables" Plan

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- Designed to allow early penetration of renewables
- Initial power regulation of renewable projects uses thermal (natural gas) plants with new gas storage facility to achieve carbon intensity reduction goals
- Continue the development of long-duration energy storage (LDES) options
- Introduce new LDES as it becomes commercial with immediate reduction in natural gas
- Gas storage facilities become backup power regulation and long-duration resiliency assets for the grid



# Chugach's Draft "Gas-to-Renewables" Plan

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- Achieve Electrification Adoption
  - EV Charging Partnership
  - SPP-AirGas CO2 Partnership
- Achieve Firmed Renewable Energy System (35% Carbon Intensity Reduction)
  - Cooper Hydro Turbine Upgrade Project
  - Retherford Solar (supporting future Community Solar Project)
  - SPP Solar
  - Sullivan Solar
  - Compressed Natural Gas ESS ("Gas Battery")
  - RE Regulation Battery Energy Storage System (RE-BESS)
  - Distributed Energy Resource Management System (DERMS) Development
  - Long-Duration Energy Storage Demonstration
  - Beluga Renewable Energy System (Wind, Solar, DERMS, ESS) (approx. 50MW)

# Chugach's Draft "Gas-to-Renewables" Plan

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- Achieve Increased RES Scale (Achieve 50% Carbon Intensity Reduction)
  - Midnight Solar
  - Midnight Solar Interconnection Project
  - Little Mount Susitna Wind
  - Little Mount Susitna Wind Interconnection Project
  - Compressed Natural Gas ("Gas Battery") Expansion Project
  - Port of Alaska Hydrogen Microgrid Project
  - Equestrian Heights Ph II Residential Microgrid with Energy Storage Demonstration
  - Other clean energy resources as they become commercial (like tidal and geothermal)

# Chugach's Draft "Gas-to-Renewables" Plan

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- Achieve Firmed RES at Interregional Scale (Exceed 50% Carbon Intensity Reduction)
  - Interregional Renewable Energy Projects (Wind, Solar)
  - Godwin Creek Hydroelectric
  - Dixon Creek Diversion (Bradley Lake Hydroelectric Project)
  - Transmission Improvements
  - Micro-Nuclear Project
  - Long-Duration Energy Storage Demonstration Expansion
- Achieve Full Scale Carbon Intensity Reduction
  - New Hydro
  - New Wind/Solar
  - RE-BESS Expansion Project
  - New Long-Duration Energy Storage (like Pumped Storage Hydro and other, new technologies)

# Chugach is Actively Engaging Other Utilities

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- Governor's Energy Security Task Force
  - Meeting scheduled for all Railbelt utilities on 8/28/23
  - New Railbelt-wide Roadmap being considered for the State Energy Security Plan
- Railbelt Collaboration
  - Gas-to-Renewables projects to be coordinated with MEA per the Power Pooling Agreement
  - Other Railbelt utilities have been invited to an accelerated project selection meeting for New ERA letters of interest

# Recommendations

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- Program Requirements
  - Maximize grant funding
  - Select and execute projects only after technical and economic due diligence
- Strategy to Satisfy Objectives
  - Establish a draft plan
  - Issue Letters of Interest (LOI) for projects
  - Simultaneously perform pre-FEED (feasibility) and FEED (basic engineering) studies on selected projects
  - If selected, use study work to generate grant applications



# Chugach Energy Policy Principles

**Chugach Board of Directors' Meeting  
August 16, 2023**



# Objectives

- Chugach's decarbonization plan considers supply and demand side impacts of transitioning its business model to achieve its carbon reduction goals.
- Decarbonization supports the diversification of Chugach's generation portfolio while reducing dependency on natural gas supplies.
- The plan supports development of new load growth through beneficial electrification and provides a framework to address changes in legislation and regulations related to thermal and clean energy generation resources.



# Chugach Energy Policy Principles

- No degradation of electric reliability.
- Realistic and achievable milestones with no material negative impact on rates (for example: ~2-3% increase).
- Compliance costs must be recoverable in rates.
- Funds from any fines should benefit all Chugach members (for example: tied to policy objective).
- No undue discrimination in rates.
- Consistent with Chugach's decarbonization objectives.







# Cooper Lake Hydro Electric Project Siphon Operation Upgrades

Regular Board of Directors' Meeting

August 16, 2023

# Cooper Lake Siphon Operation Upgrades

## Introduction:

- *Requesting an increase to McMillan contract of \$500,000.*

## Project Background and Description:

- *Background: Cooper Lake Hydro Project was relicensed by FERC in 2007. Licensing required a siphon to be installed to provide relatively warm lake surface water, increasing fish habitat downstream in Cooper Creek. To mitigate losses from siphoning lake water, Stetson Creek was diverted to Cooper Lake.*
- *This effort will address issues that have impacted the operation of the siphon at Cooper Dam and operation of the Cooper Lake Hydro Project as a whole since installation in 2015.*
- *Siphon coupling failure in 2017 and 2020 have been repaired yet Chugach unable to operate the reservoir over design range.*



# Cooper Lake Siphon Operation Upgrades

*Requesting funding for McMillan to study/engineer the following primary objectives:*

- Test or modify piping system to maintain vacuum.*
- Modify siphon outlet structure to be fully submerged.*
- Extend or provide remote power to the siphon and diversion dam.*
- Install Instrumentation and control for remote operation of siphon and diversion dam valves. (winter operation)*



# Cooper Lake Siphon Operation Upgrades

*Requesting funding for McMillan to study/engineer the following secondary objectives for improvements:*

- Analyze access improvements to Cooper Dam and Stetson Diversion structure: Avalanche sheds/dams, helipad.*
- Explore options to increase the range of the reservoir.*



# Cooper Lake Siphon Operation Upgrades

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## **Estimated Cost:**

- \$500,000
- *McMillan contract setup for \$2.4 MM (mostly Eklutna Fish & Wildlife Studies), funding this effort requires a contract increase to \$2.9M.*

## **Project funding source:**

- *Deferred Capital Project set up.*
- *McMillan tasks will result in Class 3 and Class 2 budget estimates for contract bidding.*
- *2024-29 and detailed 2025-30 CIP planning.*

*A fully scoped project will be brought to the Board for authorization.*

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

**BOARD OF DIRECTORS' MEETING**  
**AGENDA ITEM SUMMARY**

**August 16, 2023**

**ACTION REQUIRED**

**AGENDA ITEM NO. VIII.A**

**Information Only**  
 **Motion**  
 **Resolution**  
 **Executive Session**  
 **Other**

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**TOPIC**

Cooper Lake Hydro Electric Project Siphon Upgrades

**DISCUSSION**

The Cooper Lake Power Plant is a Hydro Electric Dam Project constructed in 1960. The project consists of two vertical Francis style turbines each rated at 9.6 megawatts (MW) for a plant total output of 19.2 MW. The project hydraulically connects dam and intake structure on Cooper Lake through a penstock to the power plant and tailrace on the Kenai Lake. In 2007, Chugach Electric Association, Inc. (Chugach) was issued a new operating license by the Federal Energy Regulatory Commission (FERC). Through requirements of the license, Chugach initiated several modifications to the project including the Stetson Creek Diversion allowing the creek to be diverted into Cooper Lake and warm surface water diverted from the lake to Cooper Creek for fish habitat improvements. This was accomplished by the addition of a siphon and associated equipment.

Siphon operation has been challenged, under low reservoir conditions, with maintaining a vacuum causing diversion flows to cease into Cooper Creek. Chugach has taken the necessary step to limit the operational range of the Cooper Lake reservoir to avoid negative impacts to fish habitat and to avoid violation of its FERC license. As a result, Chugach is unable to utilize the full capacity and flexibility of the reservoir increasing requirement of thermal energy production.

To mitigate the impacts to operations and avoid potential FERC license violations, Chugach is developing an engineering effort to overcome the technical challenges with the siphon to allow Chugach to utilize the full range of the reservoir. Additionally, Chugach will explore increasing the range of the reservoir utilizing the full height of the dam allowing additional hydroelectric generation capacity.

Chugach utilizes McMillen, Inc. (McMillen) for most hydroelectric projects. McMillen provides engineering services for infrastructure projects such as hydroelectric dams, fish and Aquatic Resources, design-build construction, and regulatory services. McMillen has experience working on Chugach's facilities and was a key team member in the 2007 FERC relicensing effort. Currently, the McMillen contract (contract no. 55159) has a value of \$2,394,026 the bulk of which is committed to the Eklutna Fish and Wildlife Study. This engineering effort is expected to cost

\$500,000. Therefore, a contract increase is required to complete the Cooper Lake Siphon Upgrades with McMillen. The newly requested total contract value is \$2,894,026.

**MOTION**

Move that the Chugach Board of Directors authorize the Chief Executive Officer to increase the McMillen contract to \$2,894,026.



# 35kV Switch Cabinet Procurement

Regular Board of Directors Meeting

August 16, 2023



# Introduction

- *Requesting a motion for authorization to execute a contract to procure eight 35kV remotely controllable switch cabinets.*
- *Lead times are 53+ weeks on average.*
- *Chugach inventory of 35kV switch cabinets is being depleted by required distribution project work.*
- *This procurement allows Chugach to be prepared for future distribution capital project work, as well as providing spares for the reliable operation of the 35kV distribution network in the Anchorage bowl.*



# Procurement

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## *Range of Bids*

- *Bids ranges were \$1.2 M - \$2.7 M*
- *There was one responsive bid*

## *Contract Authorization*

- *Anixter Power Solutions, Alaska vendor representative for S&C Electric Company, was the responsive bid at \$2.7 M.*
- *S&C Electric Company has successfully supplied similar units to Chugach in the past.*
- *Recommend moving to authorize contract execution.*

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

**OPERATIONS COMMITTEE MEETING**  
**AGENDA ITEM SUMMARY**

**August 16, 2023**

**ACTION REQUIRED**

**AGENDA ITEM NO. VIII.B.**

**Information Only**  
 **Motion**  
 **Resolution**  
 **Executive Session**  
 **Other**

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**TOPIC**

Contract Authorization – 35kV Switch Cabinet Procurement

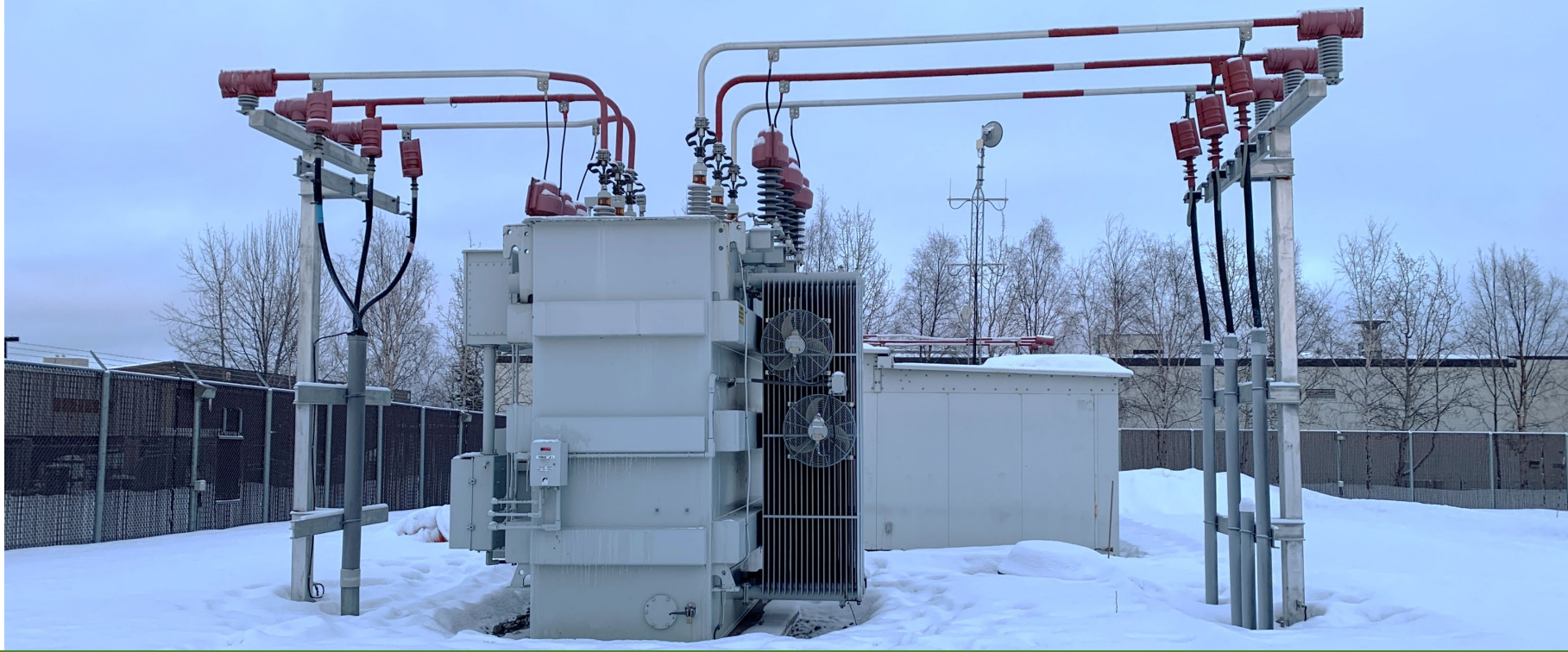
**DISCUSSION**

Switch cabinets are currently experiencing extremely long lead times. Chugach Electric Association, Inc.'s (Chugach) inventory of 35kV switch cabinets is being depleted by required distribution project work. Replenishing the 35kV switch cabinet inventory is necessary for future distribution capital improvement projects in the Central Business District and the Port of Alaska. Ordering eight cabinets will allow Chugach to be prepared for distribution capital project work, as well as providing spares for the reliable operation of the 35kV distribution network in the Anchorage bowl.

Chugach publicly solicited bids in June of 2023 for eight 35kV switch cabinets. Two bids were received and evaluated in July of 2023. Anixter Power Solutions, the Alaska vendor representative for S&C Electric Company, was found to be the lowest responsive and responsible bidder with an approximately one-year lead time for delivery.

**MOTION**

Move that the Board of Directors authorize the Chief Executive Officer to execute a contract with Anixter Power Solutions for the procurement of eight 35kV switch cabinets in the amount of \$2,747,904.



# 34.5kV/12.5 kV Power Transformer Procurement

Regular Board of Directors Meeting  
August 16, 2023

# Introduction

- *Requesting authorization to execute a contract to procure four additional distribution substation power transformers.*
- *Lead times are 92+ weeks on average, up from 40-52 pre-pandemic lead times, with an approximate 70% cost increase.*
- *Chugach has three transformers, two are intended for Campbell Lake Substation (2024) and one is in inventory.*
- *Chugach has approximately 30 transformers (34.5/12.47 kV) in service.*
- *This procurement allows Chugach to keep spare inventory for reliable substation operation while pursuing distribution substation rebuild projects in a timely manner.*



# Procurement

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## *Range of Bids*

- *Bids ranges were \$5.04 M - \$12 M*
- *Responsive bid range was \$5.2 M - \$6.2 M*

## *Contract Authorization*

- *OTC Services (OTC) was lowest responsive bid at \$5.2 M.*
- *OTC has successfully supplied similar units to Chugach in the past.*
- *Recommend moving to authorize contract execution.*

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

**OPERATIONS COMMITTEE MEETING**  
**AGENDA ITEM SUMMARY**

**August 16, 2023**

**ACTION REQUIRED**

**AGENDA ITEM NO. VIII.C.**

**Information Only**  
 **Motion**  
 **Resolution**  
 **Executive Session**  
 **Other**

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**TOPIC**

Contract Authorization – 34.5kV/12.47 kV Power Transformer Procurement

**DISCUSSION**

Power transformers are currently experiencing extremely long lead times. Chugach Electric Association, Inc. (Chugach) is currently in possession of three power transformers suitable for distribution substations located in the Anchorage bowl. Two of those transformers are intended for the Campbell Lake Substation rebuild, scheduled installation in the summer of 2024. Replenishing the distribution substation power transformer inventory is necessary for future substation rebuilds. Ordering four transformers will allow Chugach to be prepared for the next distribution substation rebuild, as well as providing spares for the reliable operation of the majority substations in the Anchorage bowl.

Chugach publicly solicited bids in May of 2023 for four 34.5kV/12.47 kV, 14 MVA, power transformers. Six bids were received in June and evaluated in July of 2023. OTC Services was found to be the lowest responsive and responsible bidder with a staggered delivery of two arriving in 2025 and two in 2026.

All bids received are subject to price adjustments based on the actual price of shipping due to volatility in shipping costs.

**MOTION**

Move that the Board of Directors authorize the Chief Executive Officer to execute a contract with OTC Services for the procurement of four power transformers in the amount of \$5,216,210.

# Desktop Replacement Project

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Regular Board of Directors' Meeting  
August 16<sup>th</sup>, 2023



# Agenda

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- Project scope summary
- Key benefits
- Request for Proposal (RFP) selection criteria
- Implementation plan
- Project schedule
- Estimated cost
- Next steps
- Questions

# Project Scope Summary

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- Replacement of computer hardware
- Upgrade to latest Windows 11 operating system
- Implement new and innovative technologies

# Key Benefits

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- Performance
- Cybersecurity
- Larger and higher resolution monitors
- Consolidation of peripheral devices

# RFP Selection Criteria

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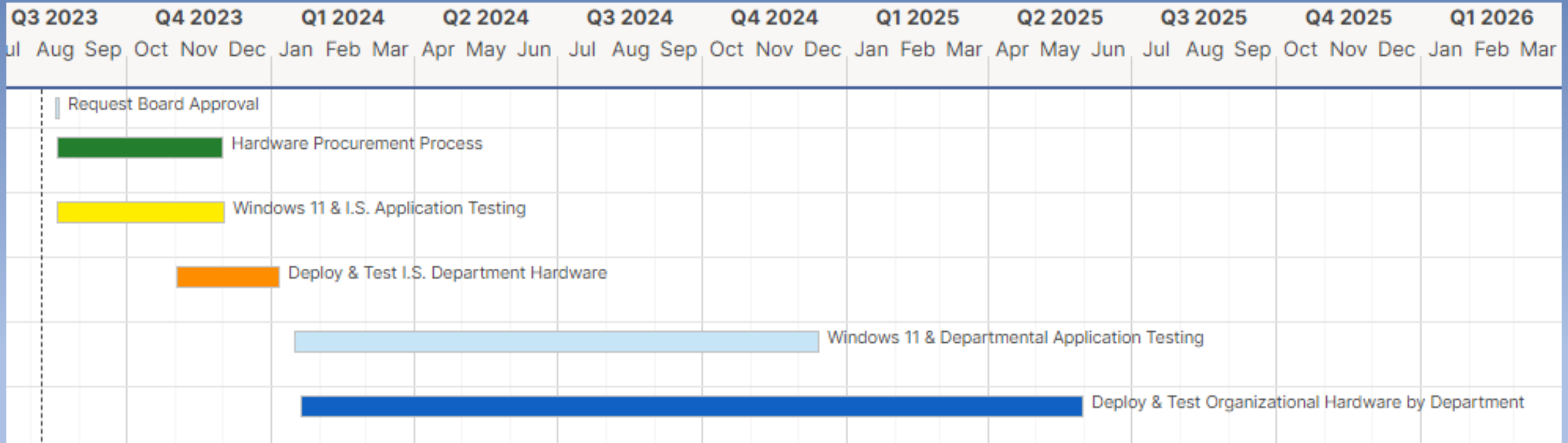
- Benchmark performance
- Supply chain integrity
- Hardware failure rate
- Warranty and service
- Cost

# Implementation Plan

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- Vendor selection
- Hardware procurement
- Hardware preparation
- Application installation and testing
- Hardware deployment
- Disposal/recycling old hardware

# Project Schedule



# Estimated Cost

Item	Cost
Hardware	\$3,600,000
Professional Services	\$1,600,000
<b>Estimated Project Total</b>	<b>\$5,200,000</b>

Spent to Date: \$400,000

Estimate to Complete: \$4,800,000

# Next Steps

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- Project authorization
- Vendor selection
- Hardware procurement
- Hardware preparation
- Application installation and testing
- Hardware deployment



# Questions

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

**REGULAR BOARD OF DIRECTORS' MEETING**  
**AGENDA ITEM SUMMARY**

**August 16, 2023**

**ACTION REQUIRED**

**AGENDA ITEM NO. VIII.D.**

- Information Only
  - Motion
  - Resolution
  - Executive Session
  - Other
- 

**TOPIC**

Desktop Replacement Project

**DISCUSSION**

The Desktop Replacement project is a project to replace Chugach Electric Association, Inc.'s (Chugach) business computers and related hardware and upgrade to the latest Microsoft operating system, Windows 11. The new hardware will improve the computing performance for all Chugach employees, among many other benefits.

The project is an approved project included in the 2023 Operating and Capital Budget and is included in Chugach's 2023-2027 Capital Improvement Program. Total project cost is estimated at \$5,200,000 and is estimated to take 20 months to complete, subject to contract negotiations, hardware delivery and deployment.

**MOTION**

Move that the Board of Directors approve the attached resolution authorizing the Chief Executive Officer to execute all agreements, contracts, purchase orders and all other documents deemed necessary to effectuate, carry out, or further the Desktop Replacement project with an estimated total cost of \$5,200,000 and an estimated completion date of May 2025.



## RESOLUTION

### **Authorization For Desktop Replacement Project**

WHEREAS, the Desktop Replacement project is a project to deploy Windows 11 and new computers and related hardware;

WHEREAS, the primary benefits of the Desktop Replacement project are to maintain current, secure, and supportable hardware and deliver the benefits discussed;

WHEREAS, Chugach Electric Association, Inc.'s (Chugach) existing computers were last replaced between 2016 and 2018.

WHEREAS, the Desktop Replacement project is an approved project included in the 2023 Operating and Capital Budget, with additional costs included in the 2023-2027 Capital Improvement Plan;

WHEREAS, the Desktop Replacement project is estimated to cost approximately \$5.2 million;

NOW THEREFORE, BE IT RESOLVED, that the Chief Executive Officer be, and hereby is, authorized and empowered to take all such further action and to execute and deliver all such further agreements, contracts, purchase orders and other documents and agreements, in the name and on behalf of Chugach, to pay or cause to be paid all expenses, to take all such other actions as they shall deem necessary, desirable, advisable, or appropriate to consummate, effectuate, carry out, or further the Desktop Replacement project.

## 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 16<sup>th</sup> day of August, 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 16<sup>th</sup> day of August, 2023.

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Secretary

Chugach Electric Association, Inc.  
Anchorage, Alaska

Summary of Executive Session Topics for  
Regular Board of Directors' Meeting on August 16, 2023  
Agenda Item IX.

Discussion regarding confidential information concerning New Empowering Rural America funding opportunities, public disclosure of which could have an adverse effect on the finances of the Association. (AS 10.25.175(c)(1))