



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

REGULAR BOARD OF DIRECTORS' MEETING

AGENDA

Bettina Chastain, Chair
Mark Wiggin, Vice Chair
Harold Hollis, Treasurer
Sam Cason, Secretary

Rachel Morse, Director
Sisi Cooper, Director
Bernie Smith, Director

March 22, 2023

4:00 p.m.

Chugach Board Room

- I. CALL TO ORDER (4:00 p.m.)
 - A. *Pledge of Allegiance*
 - B. *Roll Call*
 - C. *Safety Minute: Electrical Safety at Home (Freeman)*
 - D. *Electric Power Factoid: Member Requests for Engineering Service (M. Miller)*
- II. APPROVAL OF THE AGENDA*
- III. PERSONS TO BE HEARD (4:10 p.m.)
 - A. *Member Comments*
- IV. DIRECTOR REPORTS (4:15 p.m.)
 - A. *Alaska Power Association (APA) Report*
 - B. *Renewable Energy Alaska Project (REAP) Report*
 - C. *Board Committee Reports (Audit & Finance, Operations & Governance)*
 - D. *Other Meeting Reports*
- V. CONSENT AGENDA* (4:30 p.m.)
 - A. *Board Calendar*
 - B. *Training and Conferences*
 - 1. *NWPPA Annual Conference, May 14-17, 2023, Anchorage, AK (Early Bird Registration ends April 13, 2023)*
 - 2. *Alaska Sustainable Energy Conference, May 22-25, 2023, Anchorage, AK (Registration ends April 25, 2023, and Virtual Registration ends May 25, 2023)*
 - C. *Minutes*
 - 1. *February 22, 2023, Regular Board of Directors' Meeting (Cacy)*

* Denotes Action Items

** Denotes Possible Action Items

3/17/2023 2:49:16 PM

2. *March 10, 2023, Special Board of Directors' Meeting (Cacy)*

D. Director Expenses

VI. CEO REPORTS AND CORRESPONDENCE (4:35 p.m.)

- A. Overview of 2023 Election, Member Appreciation Event, and Annual Meeting (Kurka/Ayers/Hasquet) (4:35 p.m.)*
- B. 1st Quarter 2023 Railbelt Bill Comparison (Kornmuller) (4:40 p.m.)*
- C. Payment Processing Change Update (Kurka) (4:45 p.m.)*
- D. Renewable Energy Plan Update (Skaling) (5:00 p.m.)*
- E. Central Business District – Reliability Improvements (M. Miller/Laughlin) (5:15 p.m.)*
- F. Board Policy Scheduled Tasks/Reports (Board/Staff) (5:30 p.m.)*

VII. UNFINISHED BUSINESS (*none*)

VIII. NEW BUSINESS* (*scheduled*) (5:40 p.m.)

- A. Annual Election: Approval of Date of Record, Master Election Judge, and Election Procedures* (Kurka) (5:40 p.m.)*
- B. Campbell Lake Switchgear** (Laughlin) (6:00 p.m.)*
- C. Girdwood to Indian Steel Procurement** (Laughlin) (6:10 p.m.)*
- D. 35 kV Conductor Purchase** (Travis) (6:20 p.m.)*
- E. Proposed Bylaw Amendment (Bylaw Committee); Utility Bill Roundup** (Masten) (6:30 p.m.)*

IX. EXECUTIVE SESSION* (*scheduled*) (6:50 p.m.)

- A. Seward Electric System (Miller)*
- B. Eklutna Project (Brodie/Laughlin)*

X. NEW BUSINESS (*none*)

XI. DIRECTOR COMMENTS (7:35 p.m.)

XII. ADJOURNMENT* (7:50 p.m.)

* *Denotes Action Items*

** *Denotes Possible Action Items*



SAFETY MINUTE

ELECTRICAL SAFETY AT HOME

Regular Board of Directors' Meeting
March 22, 2023

BE ALERT TO ELECTRICAL HAZARDS OR INDICATIONS:

1. Tripped circuit breakers or blown fuses
2. Warm tools, wires, cords or junction boxes
3. A GFCI that keeps shutting off a circuit
4. Worn, cut, or frayed insulation



Inspect

Always inspect extension cords and cords of power tools you are using.

Use

Use a voltage tester to confirm that the circuit you are working on is not energized.

Ensure

Ensure electrical tools used outdoors are plugged into a GFCI protected circuit.

Stand Away

Never stand in water and operate a power tool.

WHAT YOU CAN DO

YTD Information

Recordable Injuries			
Business Unit	2022	2022 Feb YTD	2023 Feb YTD
Line Operations	6	1	0
Power Generation	5	1	0
Office and Administrative	0	0	0
Total	11	2	0

Lost time Injuries			
Business Unit	2022	2022 Feb YTD	2023 Feb YTD
Line Operations	3	0	0
Power Generation	1	0	0
Office and Administrative	0	0	0
Total	4	0	0

Rates and Lost Work Days			
	2022	2022 Feb YTD	2023 Feb YTD
OSHA Rate	2.71	3.24	0
Lost Time Rate	.98	0	0
Lost Workdays	179 (4 cases)	0	0

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

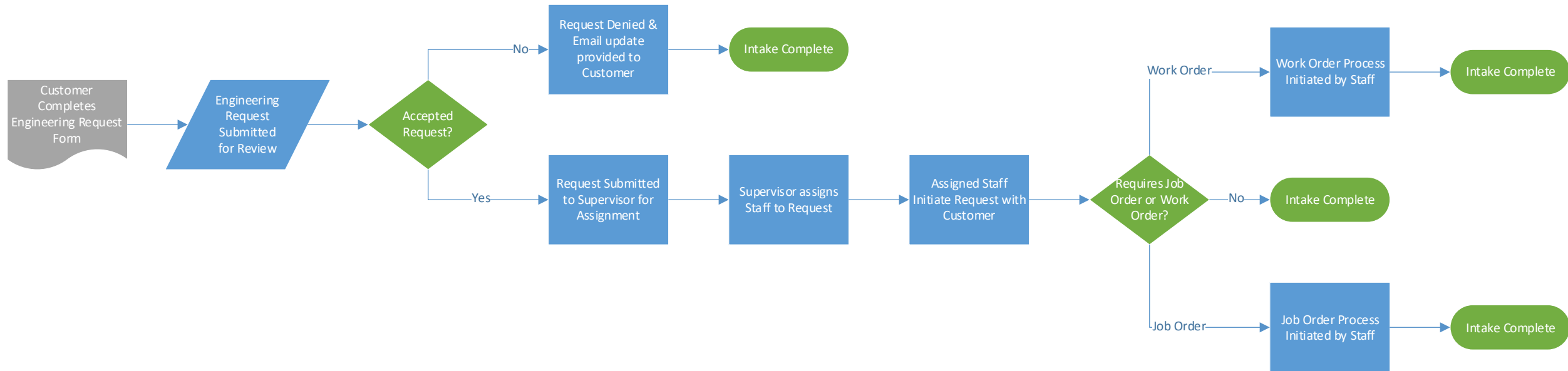
OSHA Rate: Number of recordable injuries x 200,000/employee hours worked.

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.

**Electric Power Factoid:
Member Request for Engineering Services
Regular Board of Directors Meeting
March 22, 2023**

Engineering Request Process



Engineering Requests

- Over 1,100 requests in 2022
- Over 95% Intake Complete within 3 weeks



Engineering Request

Applicant

First Name

Last Name

Company Name (Optional)

Address

City

State

Zip Co

Phone


Email

Service Type

Service Type

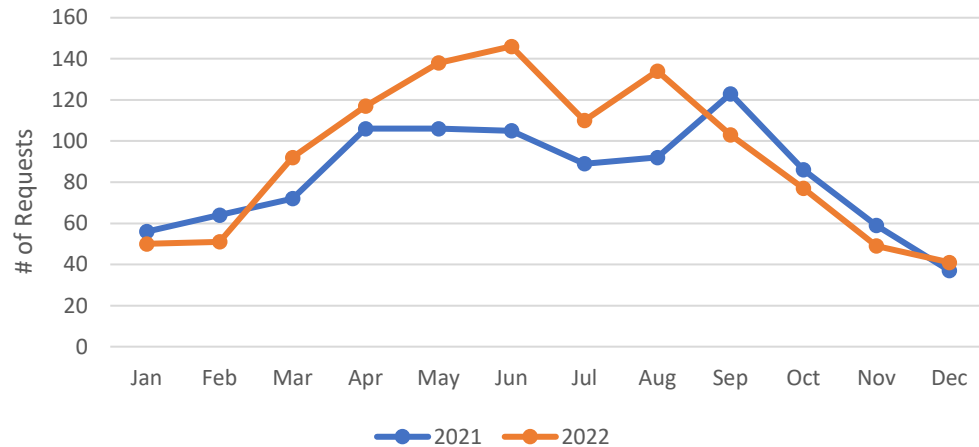
Desired Date

Description of Work

I'm not a robot 



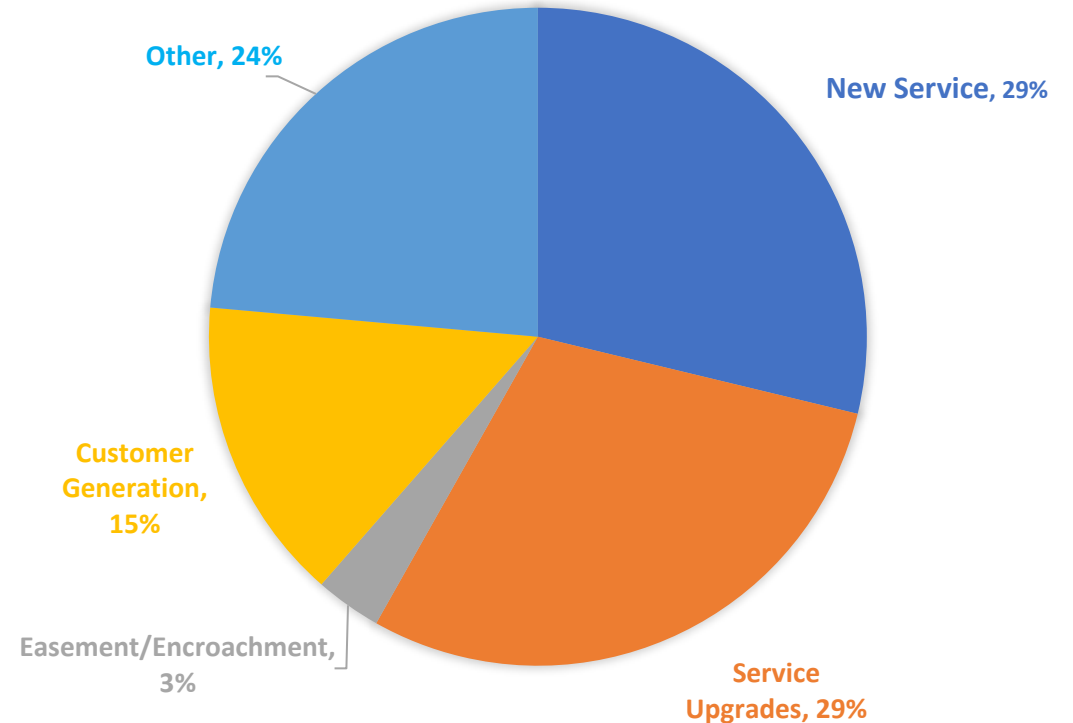
Engineering Requests



Type of Requests

- *New Service*
- *Service Upgrades*
 - *Upgrades, relocation, OH to UG conversions*
- *Easement/Encroachment*
 - *Encroachment, Letter of Non-Objection, Easements*
- *Customer Generation*
 - *Interconnections (Solar, Wind, Microturbine), Back up Generation*
- *Other*
 - *Fault current data, relocations, service equipment location, energy usage info, etc.*

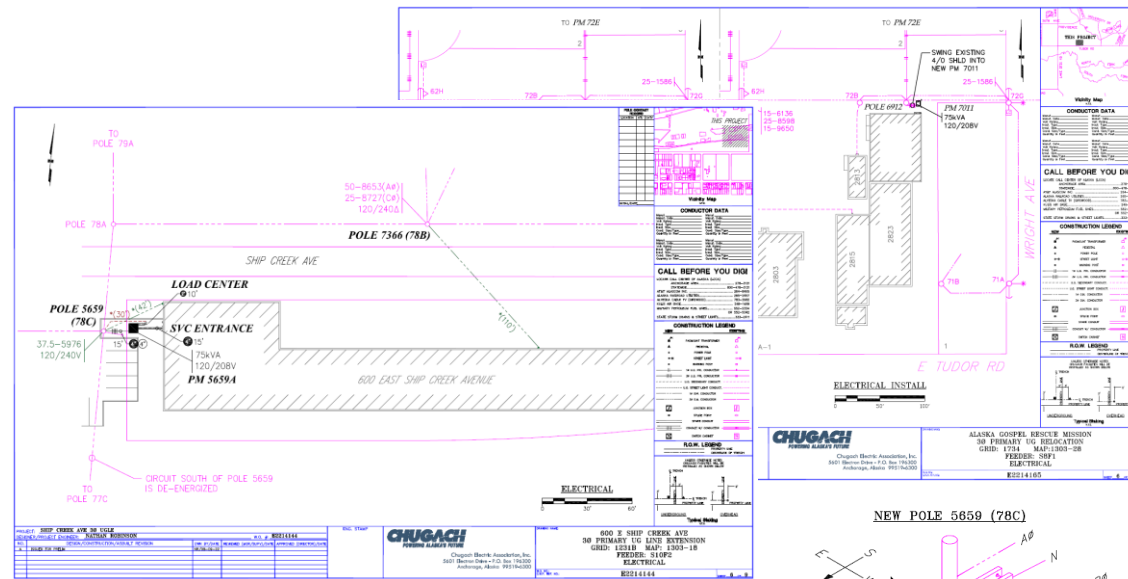
TYPES OF ENGINEERING REQUESTS



Engineering Designs

Job Order or Work Order to Fulfill a Customer's Power Needs

- Transformer sizing, cable sizing, service equipment location, etc.



CHUGACH ELECTRIC ASSOCIATION, INC.
OPERATIONS WORK ORDER

302485

Contractor: STURGEON
Member Name: Diamond Est LLC
Status: Rate:
Primary P#: 907-229-0481
Secondary P#: 907-229-0481

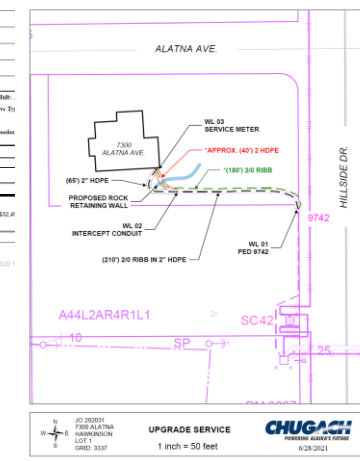
Project Start Date: 03/17/2022

Service Location Information:
1571 WEST DRUMBOCK BOULEVARD
Cordova, AK
Kyle Moore
CIC Engineering, Inc.
907-240-4821
kmoore@cing.com

Inspector: TAYLOR, GEORGE

Work Order: 01
Map Point: 1209

Comments / Materials Used: INSPECTOR DRAWING



9/28/2022 13:27:17 STAKING SHEET		Page 2 of 9	
Project: E211414	Design: 600 Ship Creek Ave	In Design	
600 Ship Creek Ave		Grid: 1211B, 1211	

Structure	W GENERAL	Activity	#Cond	Qty	Unit Description	Complete	Qty
MANHOUS	Install	0	12	MANHOUS (MANHOUS OF LABOR)			
Traffic Control	Install	0	1	Traffic Control (Traffic Control)			

Structure	W1 POLE 786 (78B)	Activity	#Cond	Qty	Unit Description	Complete	Qty
SM2-3	Install	0	1	SM2-3 (POLE NUMBER)			
SM2-6	Remove	0	1	SM2-6 (POLE NUMBER)			

Structure	W2 POLE 569 (78C)	Activity	#Cond	Qty	Unit Description	Complete	Qty
SM2-3	Install	0	1	SM2-3 (POLE NUMBER)			
SUC1	Install	0	1	SUC1 (PH RISER)			

Structure	W3 63.9468A	Activity	#Cond	Qty	Unit Description	Complete	Qty
40 CONC	Install	3	15	40 CONC W/40 CONC/TEAC PREPARAT			
SUC1B-75	Install	0	1	SUC1B (CONCRETE PAD PH 20-20)			

Structure	W4 METER BASE	Activity	#Cond	Qty	Unit Description	Complete	Qty
J80 QUAD Service	Install	1	15	J80 QUAD SERVICE			
L1G	Install	0	1	L1G (CASK ORDER PH SERVICE UNIT)			

Structure	W5 66 LOAD CENTER	Activity	#Cond	Qty	Unit Description	Complete	Qty
2 RIBB Service	Install	1	10	2 RIBB Wire Service (#3-WIRE SERVICE)			
SCM201P	Install	1	15	SCM201P - Conduit (2) 2\"/>			

Structure	W6 120/208V 400A SERVICE	Activity	#Cond	Qty	Unit Description	Complete	Qty
W6-1	Install	0	1	W6-1 (WIRE SERVICE)			
W6-2	Install	0	1	W6-2 (WIRE SERVICE)			

Structure	W7 120/208V 400A SERVICE	Activity	#Cond	Qty	Unit Description	Complete	Qty
W7-1	Install	0	1	W7-1 (WIRE SERVICE)			
W7-2	Install	0	1	W7-2 (WIRE SERVICE)			

Structure	W8 120/208V 400A SERVICE	Activity	#Cond	Qty	Unit Description	Complete	Qty
W8-1	Install	0	1	W8-1 (WIRE SERVICE)			
W8-2	Install	0	1	W8-2 (WIRE SERVICE)			





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March 2023

March 2023							April 2023						
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
Feb 26	27	28	Mar 1 2:30pm Chris Arend Photography (Bernie Smith)	2 NRECA PowerXchange (3/3-3/8) (Nashville, TN)	3	4
5 NRECA PowerXchange (3/3-3/8) (Nashville, TN)	6	7 2:30pm Bernie iPad Setup (Board Room CR) - Board Room CR 5:30pm Election Committee Meeting (Cooper) (Board Room CR) - Teresa Kurka	8 9:00am REAP Public Policy Committee Meeting (Via Zoom) - CCBOD	9	10 5:00pm Special Board of Directors Meeting (Board Room CR) - Ashton Doyle	11
12 10:00am Presentation on Natural Gas (Board Room CR) - Ashton Doyle	13 8:00am Review Operations Meeting Packet (Board Room CR/Teams) - Ashton Doyle	14	15 4:00pm Operations Committee Meeting (Board Room CR/Teams) - Ashton Doyle	16	17 9:30am Review Board Packet (CEO's Office) - Arden Quezon	18
19	20	21	22 9:00am REAP Public Policy Committee Meeting (Via Zoom) - CCBOD 4:00pm Regular Board of Directors Meeting (Board Room CR) - Arden Quezon	23	24	25
26	27 9:00am Audit & Finance Committee Meeting Packet Review (Sherri's Office) - Arden Quezon	28	29 4:00pm Audit & Finance Committee Meeting (Board Room CR) - Arden Quezon	30	31	Apr 1

April 2023

April 2023							May 2023						
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
Mar 26	27	28	29	30	31	Apr 1
2	3	4 5:00pm Member Advisory Council (MAC) Meeting (Board Room CR) - Arden Quezon	5 9:00am REAP Public Policy Committee Meeting (Via Zoom) - CCBOD	6 APA & ARECA Safety Summit	7 9:00am Operations Committee Packet Review (CEO's Office) - Arden 10:00am Governance Committee Packet Review (CEO's)	8
9	10	11	12 4:00pm Governance Committee Meeting Followed by Operations Committee Meeting (Board Room CR) - Arden Quezon	13 12:00pm Special Board of Directors Meeting (Boardroom/Micros) 4:00pm Chugach Candidate Forum (Board Room CR) - Arden Quezon	14	15
16	17	18	19 9:00am REAP Public Policy Committee Meeting (Via Zoom) - CCBOD 4:00pm Operations Committee Meeting (Boardroom/Micros off Teams) - Ashton	20	21 9:30am Review Board Packet (CEO's Office) - Arden Quezon 6:00pm Chugach Spring Fling (Dena'ina Center) - Ashton Doyle	22
23	24 11:00am REAP Quarterly Board Meeting (Alaska Communications Business Technology Center, 600 E 36th Ave, Anchorage, AK)	25	26 4:00pm Regular Board of Directors Meeting (Board Room CR) - Arden Quezon	27	28 10:30am Operations Committee Meeting Packet Review (Board Room CR) - Arden Quezon	29
30	May 1	2	3	4	5	6

May 2023

May 2023						June 2023							
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	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Apr 30	May 1	2 5:30pm Copy: Election Committee Meeting (Board Room CR) - Teresa Kurka	3 9:00am REAP Public Policy Committee Meeting (Via Zoom) - CCBOD 4:00pm Operations Committee Meeting (Board Room CR) - Arden Quezon	4	5	6
7	8	9	10	11	12	13
14	15	16 5:30pm Chugach Election Committee Meeting (Board Room CR) - Arden Quezon 5:30pm Copy: Election Committee Meeting (Board Room CR) - Teresa Kurka	17 9:00am REAP Public Policy Committee Meeting (Via Zoom) - CCBOD	18	19 9:30am Review Board Packet (CEO's Office) - Arden 3:00pm Member Appreciation Day (TBD) 6:00pm Annual Membership Meeting (TBD) 7:00pm Special Board of Directors	20
21	22	23 5:30pm Copy: Election Committee Meeting - Lessons Learned (Board Room CR) - Teresa Kurka	24 4:00pm Regular Board of Directors Meeting (Board Room CR) - Arden Quezon	25	26	27
28	29 Memorial Day	30	31 4:00pm FW: Audit & Finance Committee Meeting (Board Room CR) - Arden Quezon	Jun 1	2	3

June 2023

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
May 28	29	30	31	Jun 1	2 9:00am Governance Committee Packet Review (CEO's Office) - Arden Quezon	3
4	5	6 APA Federal Legislative Conference (Washington, D.C.)		7 4:00pm Governance Committee Meeting (Board Room CR) - Arden Quezon	8	9
11	12	13	14	15	16	17
18	19	20	21	22	23 9:00am Board Packet Review (CEO's Office) - Arden Quezon	24
25	26	27	28 4:00pm Regular Board of Directors Meeting (Board Room CR) - Arden Quezon	29	30	Jul 1

July 2023

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

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

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	Aug 1	2	3	4	5
6	7	8 APA 2023 Accounting and Finance Workshop	9	10	11	12
13	14	15	16	17	18 9:30am Review Board Packet (CEO's Office)	19
20	21	22	23 NRECA Director Training 4:00pm Regular Board of Directors Meeting (Board Room CR) - CCBOD	24	25	26
27	28	29	30 4:00pm FW: Audit & Finance Committee Meeting (Board Room CR) - Arden Quezon	31	Sep 1	2

September 2023

September 2023

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

October 2023

Su	Mo	Tu	We	Th	Fr	Sa
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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	2
3	4 Labor Day	5	6	7	8	9
10	11	12	13 4:00pm Governance Committee Meeting (Board Room CR) - Arden Quezon	14	15	16
17	18	19	20	21	22 9:30am Review Board Packet (CEO's Office) - Arden Quezon	23
24	25	26	27 4:00pm Regular Board of Directors Meeting (Board Room CR) - Arden Quezon	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	7
8	9	10	11 4:00pm Operations Committee Meeting (Board Room CR) - Arden Quezon	12	13	14
15	16	17	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) - Arden Quezon	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
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	3	4	5	6	7	8
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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	8 4:00pm FW: Audit & Finance Committee (Budget) (Board Room CR) - Arden Quezon	9	10 9:30am Board Packet Review (CEO's Office) - Arden Quezon	11
12	13	14	15 4:00pm Regular Board of Directors Meeting (Board Room CR) - Arden Quezon	16	17	18
19	20	21	22	23 Thanksgiving Holiday	24	25
26	27 9:00am Audit & Finance Packet Review (Sherri's Office) - Arden Quezon	28	29 4:00pm Audit & Finance Committee Meeting (Board Room CR) - Arden Quezon	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 9:00am Governance Packet Review (Arthur's Office) - Arden Quezon	2
3	4	5	6 APA/AIE Open House December Meeting Series 4:00pm Governance Committee Meeting (Board Room CR) - Arden Quezon	7	8 9:00am Review Board Packet (CEO's Office) - Arden Quezon	9
10	11	12	13 4:00pm Regular Board of Directors Meeting (Board Room CR) - Arden Quezon	14	15	16
17	18	19	20	21	22 Christmas Eve Holiday Observed	23
24	25 Christmas Day	26	27	28	29 New Years Eve Holiday Observed	30
31	Jan 1, 24	2	3	4	5	6

January 2024

January 2024

Su	Mo	Tu	We	Th	Fr	Sa
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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	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 APA Managers' Forum meeting and NRECA Director Training class	31 2024 APA State Legislative Cd	Feb 1	2	3

February 2024

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		

March 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						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jan 28	29	30	31	Feb 1 2024 APA State Legislative	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	Mar 1	2

JOIN US IN ANCHORAGE

Our Annual Conference is an ideal learning and networking opportunity for a broad array of utility personnel. It will be a great opportunity to hear from your peers and other leaders who are cognizant of the public power mission and charting the future of our industry. It is also a time to celebrate; first by honoring extraordinary colleagues at the awards luncheon and then by recognizing the exquisite culture of Alaska at an evening banquet. In the interest of your utility, your members, employees, and communities, don't miss this exciting in-person learning and networking opportunity where outstanding speakers, panelists, experts, and your peers will share their rich knowledge and experience. Come reconnect with your colleagues in Anchorage!

CONFERENCE AGENDA

Sunday, May 14

Explore all that the Anchorage area has to offer during the day. Schedule a tour with **Revel Treks and Tours** for NWPPA-only rates, times, and excursion descriptions. To see more of what Anchorage has to offer, visit www.anchorage.net.

Monday, May 15

Government Relations Committee and NWPPA Board of Trustees meetings.

Tuesday, May 16 and Wednesday, May 17

Two full days of conference sessions. Alaska utilities will describe how they are lighting the way with decarbonization strategies and diverse new generation possibilities, including micro-nuclear. A CEO panel will feature leaders such as Jackie Flowers of Tacoma Public Utilities, Robert Echenrode of Umatilla Electric, Brad Janorschke of Homer Electric, and Brandon Whitman of Yellowstone Valley Electric. Other sessions will cover the impacts of future electrification, EV program implementation strategies, hydrogen hubs, solar initiatives, grid expansion, and market developments.

Tuesday will feature the Annual Business Meeting Luncheon and kick us off with keynote speaker Pete Leyden, author and futurist. During Tuesday evening's reception at the Anchorage Museum, you will be able to experience the richness of Alaskan cultural heritage at the Living Our Cultures exhibition, access interactive exhibits, and immerse yourself in skies at the planetarium.

Wednesday will include an evening reception and dinner to close out the conference.

Keynote Speaker

Peter Leyden has spent his career in a wide range of roles figuring out the future, explaining what's probably coming next, and helping envision how we can build a better world. He came to San Francisco at the beginning of the digital revolution to work with the founders of *WIRED* magazine, he then learned the futures business working with the founders of the pioneering strategic foresight firm *Global Business Network*, and eventually founded two of his own media startups focused on the future.



Leyden now is considered a thought leader on the future, on the impact of new technologies, and on the repercussions of megatrends. He has worked for 25 years as a futurist and tech expert through *Kepler Speakers*, giving keynotes on roughly a monthly basis throughout America. He's written two influential books on the future that went into multiple languages, and most recently written popular online pieces like "*The Great Progression, 2025 to 2050.*" He is regularly interviewed by the media and podcasts.

Leyden also is a senior adviser on strategic foresight, operating through his firm, *Reinvent Futures*. He frequently takes what he learns about the future and helps senior leaders of organizations think through the strategic implications of what's coming in the decade ahead.

REGISTER TODAY

This year we are excited to partner with Alaska Airlines to offer a 5% discount code for your flight to Anchorage. Please contact Connie at (360) 254-0109 or connie@nwppa.org to get the code.

HOTEL INFORMATION

REVEL TREKS & TOURS

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Learn more about sponsorships [here](#).



Alaska Sustainable Energy Conference

Monday, May 22 – Thursday, May 25, 2023

Dena'ina Civic and Convention Center

Anchorage, Alaska

[REGISTER NOW](#)





Mike Dunleavy

Governor of Alaska

The Alaska Sustainable Energy Conference is a chance to join visionaries, researchers, policymakers, and investors from across the world as the energy transition unfolds and emerging technologies advance.

There is no better place to explore the future of energy than Alaska – a land filled with more sustainable energy potential than nearly any place on earth.

Alaska is home to established commercial scale wind, solar and hydro; it's serving as a proving ground for tidal and micronuclear power; and the state is advancing an LNG project that will displace coal, reduce global emissions by at least 77 million tons, and has the potential to unlock blue and green hydrogen fuel.

With its challenging climate and hundreds of remote communities unconnected to traditional infrastructure, Alaska is a world leader in microgrid deployment where renewable energy sources are being integrated even north of the Arctic Circle. The state has the ability to capture and sequester gigatons of carbon and has nearly every one of the 50 critical minerals identified as key to the energy transition.

In short, Alaska has it all.

The 2023 conference will explore the future of energy in Alaska and around the world, the intersection of geopolitical upheaval with food and energy security, the latest advancements in renewable power, transmission, and storage, and much more.



TRACK 1: DECARBONIZING EVERYTHING

The energy transition is all about decarbonization, but how do we replace existing practices and technologies that produce our food and move goods and people around the world? From agriculture to aviation, this track will explore the most promising work toward decarbonization.

TRACK 2: MADE IN ALASKA

Owing to its rugged and isolated place on the planet, Alaska has long had to rely on its own resources to support its people. From critical minerals to carbon storage and harnessing tidal energy, this track will explore the ways Alaska is well-positioned to be a global leader in all phases of the energy transition at home and beyond.

TRACK 3: WORKING IN REMOTE ALASKA

With more than 200 microgrids and a similar number of isolated communities in some of the harshest climates on the planet, Alaska's successes in remote power generation, cold climate research, and the integration of renewable power north of the Arctic Circle will be explored in this track focused on applying lessons learned here around the world.

[VIEW AGENDA](#)



2023 PRE-EVENT VIRTUAL WORKSHOP SERIES

Sponsored by the University of Alaska Fairbanks (UAF) and the Alaska Center for Energy and Power (ACEP)

This series of three virtual workshops will be held monthly as two half-day Zoom sessions, free of charge, leading up to the Alaska Sustainable Energy Conference:

May 22nd – 25th at the Dena'ina Center in Anchorage, Alaska.

REGISTER NOW

WORKSHOP 1: Low Carbon Energy Transitions: Lessons Learned from Global Pathfinders ▼

WORKSHOP 2: Carbon Capture and Sequestration: The Myth and the Reality ▼

WORKSHOP 3: Energy Storage: Beyond Lithium-Ion Batteries ▼



AGENDA

Monday, May 22, 2023

5:00 PM – 9:30 PM

Welcome Reception

**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

8:00 AM – 9:30 AM

Registration, Exhibitor Booths and Breakfast Open



**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

9:30 AM – 9:45 AM

Welcome Remarks

**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

9:45 AM – 10:45 AM

Plenary Presentation

RAHM EMANUEL



**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

11:05 AM – 12:05 PM

Room 1:

Agriculture: Sustainable Land Practices

Room 2:

Critical Mineral Demand in the Energy Transition

Room 3:

Cold Climate Solutions

**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

12:30 PM – 1:45 PM

Lunch Presentation

KIP TOM



**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

2:05 PM – 3:05 PM

Room 1:

Greenhouses as Key to Reducing Land, Water, Energy Use + Food as Medicine

Room 2:

Harnessing Alaska's Geothermal Potential

Room 3:

Storage Solutions (Microgrids)

**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

3:25 PM – 4:15 PM

Plenary Presentation

**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

4:30 PM – 5:15 PM

Closing Presentation

**Tuesday, May 23, 2023 –
What Alaska Has to Offer**

6:00 PM – 8:00 PM

Alaska Railroad Excursion

**Wednesday, May 24, 2023 –
Building the Future**

8:00 AM – 9:00 AM

Registration, Exhibitor Booths and Breakfast Open

**Wednesday, May 24, 2023 –
Building the Future**

9:00 AM – 9:30 AM

Welcome Remarks

**Wednesday, May 24, 2023 –
Building the Future**

9:30 AM – 10:45 AM

Plenary Panel Presentation: Investing in the Future

**Wednesday, May 24, 2023 –
Building the Future**

11:05 AM – 12:05 PM

Room 1:

Decarbonizing Aviation

Room 2:

CCUS

Room 3:

Training and Technical Assistance to Grow Capacity and Improve Utility Performance

ASHWIN JADHAV



**Wednesday, May 24, 2023 –
Building the Future**

12:30 PM – 1:30 PM

Lunch Presentation

**Wednesday, May 24, 2023 –
Building the Future**

1:50 PM – 2:50 PM

Room 1:

Decarbonizing Marine Shipping

Room 2:

Mariculture

Room 3:

Prioritization and Preparation: The Role of Data

**Wednesday, May 24, 2023 –
Building the Future**

3:10 PM – 4:10 PM

Plenary Panel Presentation: The Business of Clean Energy in Alaska

**Wednesday, May 24, 2023 –
Building the Future**

4:30 PM – 5:30 PM

Room 1:

Decarbonizing Ground Transportation

Room 2:

The Future of Cook Inlet Energy

Room 3:

The Critical Importance of Regionalization to Overcome Challenges of Scale and Cost

CHRIS GEARHART



**Wednesday, May 24, 2023 –
Building the Future**

5:30 PM – 7:00 PM

VIP Networking Reception and Poster Presentations

Thursday, May 25, 2023 –
What's on the Horizon?

8:00 AM – 9:00 AM

Registration, Exhibitor Booths and Breakfast Open

Thursday, May 25, 2023 –
What's on the Horizon?

9:00 AM – 9:30 AM

Plenary Panel Presentation: AI and its Role in the Energy Transition

ALEXANDER LAVIN



Thursday, May 25, 2023 –
What's on the Horizon?

9:30 AM – 10:30 AM

Plenary Panel Presentation: Emerging Technologies: The Latest Advancements in Nuclear and Hydrogen

Thursday, May 25, 2023 –
What's on the Horizon?

10:50 AM – 11:50 AM

Room 1:

The Bioeconomy: Changing Inputs for Seed, Feed, Biofuels and Remediation

Room 2:

Rising Tide: NREL, Hilcorp, and Research Partners

Room 3:

Cybersecurity

BEN LOEFFLER



LEVI KILCHER



Thursday, May 25, 2023 –
What's on the Horizon?

12:15 PM – 1:45 PM

Lunch Presentation by Daniel Yergin

DANIEL YERGIN



Thursday, May 25, 2023 –
What's on the Horizon?

2:00 PM – 2:45 PM

Railbelt Utilities Discussion

Thursday, May 25, 2023 –
What's on the Horizon?

2:45 PM – 3:00 PM

Closing Remarks

[View the 2022 Schedule of Events Here](#)

The 2023 conference is proudly sponsored by:



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CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

February 22, 2023
Wednesday
4:00 p.m.

REGULAR BOARD OF DIRECTORS' MEETING

Recording Secretary: Sandra Cacy

I. CALL TO ORDER

Chair Chastain called the Regular Board of Directors' meeting to order at 4:01 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

A. *Pledge of Allegiance*
Chair Chastain led the Board in the Pledge of Allegiance.

B. *Roll Call*
Board Members Present:
Bettina Chastain, Chair
Mark Wiggin, Vice Chair
Harold Hollis, Treasurer
Sam Cason, Secretary
Rachel Morse, Director
Sisi Cooper, Director

Staff and Guests in Attendance:

Present:

Arthur Miller	Sean Skaling	Mackenzie Banbury,
Matthew Clarkson	Mike Miller	Yuit Communications
Mike Brodie	Karen Griffin	Rachael Frison
Bill Murray	Sherri Highers	Jean Kornmuller
Josh Travis	Scarlett Masten	Todd McCarty
Marty Freeman	Bernie Smith, Member	Crystal Enkvist,
Andrew Laughlin		AK Power Association

Via Teleconference:

Ashton Doyle	Dustin Highers	Todd Glass,
Curtis Sims	Nathan Golab	WSGR
Steve Konkel, Member	Aurora Roth, Member	Rachel Christensen,
Brian Kassof, AK Energy Transparency Project	Antony Scott, Member	Alaska Center
	Susanne Fleek-Green, Member	

- C. *Safety Minute*
Marty Freeman, Senior Manager, HSE, discussed “*Protecting Your Hearing*” and January’s Safety Statistics and responded to questions from the Board.
- D. *Electric Power Factoid: Electric Utility Operations - Transformers*
Bill Murray, Manager, Telecommunications, presented an overview Electric Utility Transformers and responded to questions from the Board.

II. APPROVAL OF AGENDA

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

III. PERSONS TO BE HEARD

- A. *Member Comments*
Steve Konkell, Chugach member, commented on the upcoming Chugach Board of Directors’ election and where Chugach was at in the process.

IV. DIRECTOR REPORTS

- A. *Alaska Power Association (APA) Report*
Director Hollis introduced Crystal Enkvist, Executive Director, APA, who provided an update on APA activities and upcoming events. Several Directors commented on and complimented Ms. Enkvist on the APA Legislative Conference earlier that month in Juneau.
- B. *Renewable Energy Alaska Project (REAP) Report*
Director Wiggin provided an update on REAP activities and the recent REAP meeting.
- C. *Board Committee Reports (Audit and Finance, Operations & Governance)*
Director Hollis stated there have been no meetings since the November 30, 2022, Audit & Finance Committee Meeting and that the next meeting would be March 29, 2023.

Director Wiggin reported on the February 8, 2023, Operations Committee Meeting and reported the next meeting would be May 3, 2023.

Director Cason reported that there had been no new Governance Committee meetings since January 11, 2023, and reported the next meeting would be held on April 12, 2023.

- D. *Other Meeting Reports*
Director Cason reported on the Bylaw Committee meetings on the 9th and 15th of February 2023 and introduced Scarlett Masten, Sustainability, KA & Document Control Specialist, who updated the Board on the 5 Bylaw proposals as well as the timeline for the process.

Director Morse reported on the Nominating Committee meetings held on the 13th and 17th of February 2023 and reported that the next meetings would be February 23 and 24, 2023.

Director Cooper reported on the Election Committee meeting which was held on the

21st of February. She noted that the next meeting would be the 28th of February and potentially another meeting on the 7th of March.

V. CONSENT AGENDA

- A. *Board Calendar*
- B. *Training and Conferences*
 - 1. *NRECA PowerXchange, March 3-8, 2023, Nashville, TN*
- C. *Minutes*
 - 1. *January 25, 2023, Regular Board of Directors' Meeting (Doyle)*
 - 2. *February 14 – 16, 2023, Special Board of Directors' Meeting (Doyle)*
- D. *Director Expenses*

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

VI. CEO REPORTS AND CORRESPONDENCE

- A. *November 2022 Variance Report Financial Update (Griffin)*
Karen Griffin, VP, Finance and Accounting, provided the November 2022 Variance Report, an update on the Financials, and responded to questions from the Board.
- B. *Cooper Landing and Moose Pass Reliability (M. Miller/Laughlin)*
Andrew Laughlin, Chief Operations Officer (COO), and Mike Miller, VP, Engineering, provided a report on Cooper Landing and Moose Pass and responded to questions from the Board.

Chair Chastain called for a recess at 5:12 p.m. Meeting commenced at 5:31 p.m.

- C. *Federal Grant Opportunities (Laughlin/D. Highers)*
Andrew Laughlin, COO, and Dustin Highers, VP, Corporate Programs, provided an update on Federal Grant Opportunities and responded to questions from the Board.
- 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. *Adoption of Amended 457(b) Plan (Frison)*
Rachael Frison, Manager, Human Resources, discussed the December 29, 2022, SECURE Act Amendment to the Chugach Electric Association, Inc. 457(b) Savings Plan and responded to questions from the Board.

Director Hollis moved, and Director Cason seconded the motion to approve the attached resolution ratifying and adopting the amendment to Chugach's 457(b) Savings Plan as discussed therein. The motion passed unanimously.

B. Appointment of New Board Member (Board)

Chair Chastain called for a motion to fill the vacancy on the Chugach Board. Director Cason moved, and Director Wiggin seconded the motion that pursuant to Board Policy 603 and Article IV, Section 8 of Chugach's Bylaws, the Chugach Board of Directors hereby appoints Bernie Smith to fill the vacancy on the Chugach Board effective February 22, 2023. The motion passed unanimously.

Matthew Clarkson, Chief Legal Officer, administered the oath of office to Bernie Smith, newly appointed Board member.

IX. EXECUTIVE SESSION

Chair Chastain changed the order for items under Executive Session to be taken up. The new order is reflected below.

- A. Personnel Matters – Compensation*
- B. Personnel Matters – Position Grade Evaluations*
- C. Legal and Financial Matters: Transmission*
- D. Legal and Financial Matters: Generation*

At 6:43 p.m., Director Morse moved, and Director Cooper 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 8:22 p.m.

X. DIRECTOR COMMENTS

Director comments were made at this time.

XI. ADJOURNMENT

At 8:30 p.m., Director Wiggin moved, and Director Morse seconded the motion to adjourn. The motion passed unanimously.

Samuel Cason, Secretary
Date Approved: March 22, 2023

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

March 10, 2023
Friday
5:00 p.m.

SPECIAL BOARD OF DIRECTORS' MEETING

Recording Secretary: Sandra Cacy

I. CALL TO ORDER

Chair Chastain called the Special Board of Directors' meeting to order at 5:01 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

A. Pledge of Allegiance

Chair Chastain led the Board in the Pledge of Allegiance.

B. Roll Call

Board Members Present:

Bettina Chastain, Chair

Mark Wiggin, Vice Chair (*via teleconference*)

Harold Hollis, Treasurer

Rachel Morse, Director (*via teleconference*)

Sisi Cooper, Director

Bernie Smith, Director

Board Members Absent:

Sam Cason, Secretary

Staff and Guests in Attendance:

Present:

Matthew Clarkson

Sherri Highers

Brad Chastain,
Member

Andrew Laughlin

Wynn Auld,
Nominating Cmte

Tyann Hollis,
Member

Ray Kreig,
Member

Elizabeth Vasquez,
Member

Karen Griffin
Scarlett Masten

Leslie Riddle,
Nominating Cmte

Ashley Johnson,
Nominating Cmte

Steve Strait,
Nominating Cmte

Patty Bogan,
Nominating Cmte

Michael Powell,
Bylaws Cmte

Jessica Koloski,
Nominating Cmte

Via Teleconference:

Ashton Doyle

Kate Ayers

Brian Kassof,
AK Energy Transparency
Project

Arthur Miller

Antony Scott,
Member

Donovan Russoniello,
Member

Harry Crawford,
Member

Rachel Christensen,
Alaska Center

II. APPROVAL OF AGENDA

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

III. PERSONS TO BE HEARD

None.

IV. DIRECTOR REPORTS

None.

V. CONSENT AGENDA

None.

VI. CEO REPORTS AND CORRESPONDENCE

None.

VII. UNFINISHED BUSINESS

None.

VIII. NEW BUSINESS

A. Role of Nominating Committee (Clarkson)

Matthew Clarkson, Chief Legal Officer, described the role of the Nominating Committee and responded to questions from the Board.

B. Nominating Committee Decision Process (Nominating Committee)

Ashley Johnson, Nominating Committee Chair, spoke on the process the Committee uses when selecting candidates for the annual election. Several other Committee members, Wynn Auld, Patty Bogan, Jessica Koloski, Leslie Riddle, and Steve Strait helped answer questions from the Board.

IX. EXECUTIVE SESSION

None.

X. DIRECTOR COMMENTS

Director comments were made at this time.

XI. ADJOURNMENT

At 6:54 p.m., Director Cooper moved, and Director Hollis seconded the motion to adjourn. The motion passed unanimously.

Samuel Cason, Secretary
Date Approved: March 22, 2023

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

March 22, 2023

ACTION REQUIRED

AGENDA ITEM NO. V.D.

Information Only
 Motion
 Resolution
 Executive Session
 Other

TOPIC

Director Expenses

DISCUSSION

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

MOTION

(Consent Agenda)

Overview of 2023 Election, Member Appreciation Day, and Annual Meeting

Board of Directors' Meeting
March 22, 2023



Agenda

Your cooperative,
your voice,
your choice...
✓OTE



Annual
Election

Member
Appreciation
Event

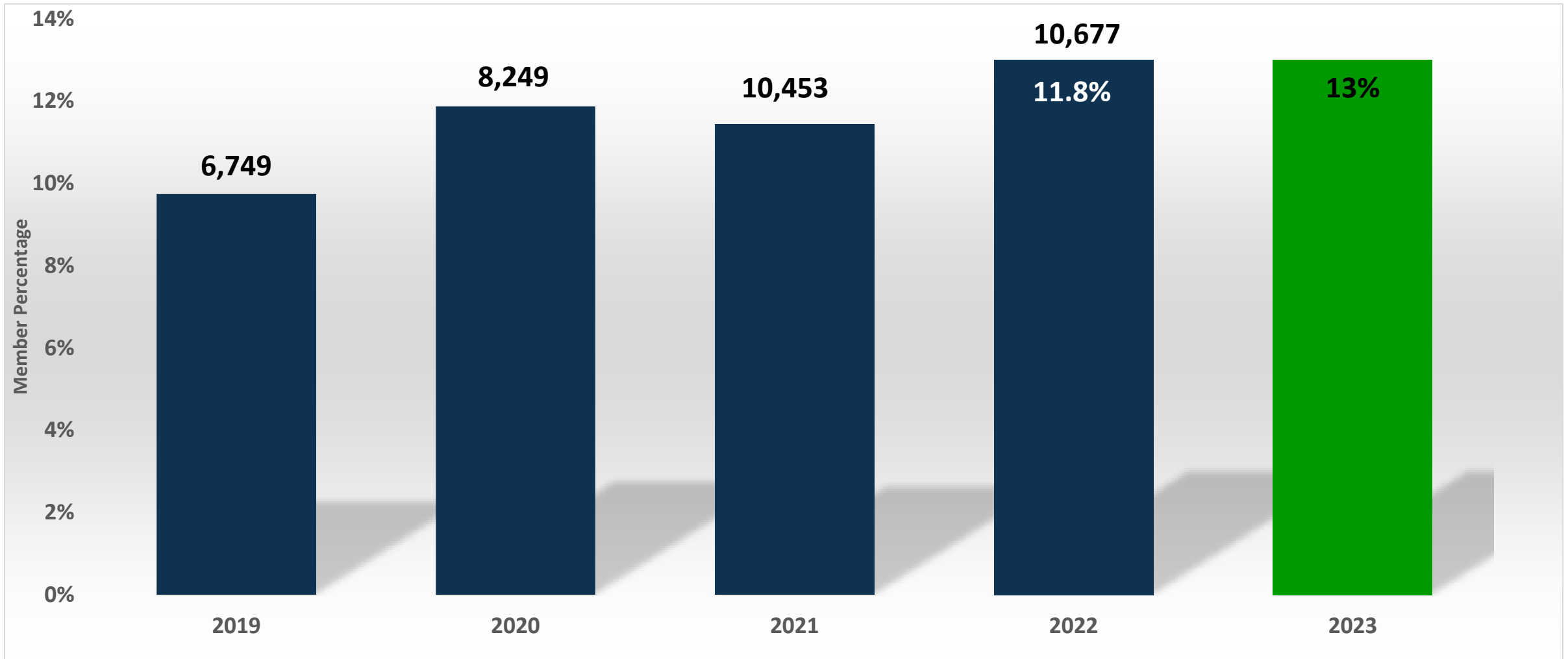
Annual
Meeting

2023 Election Overview

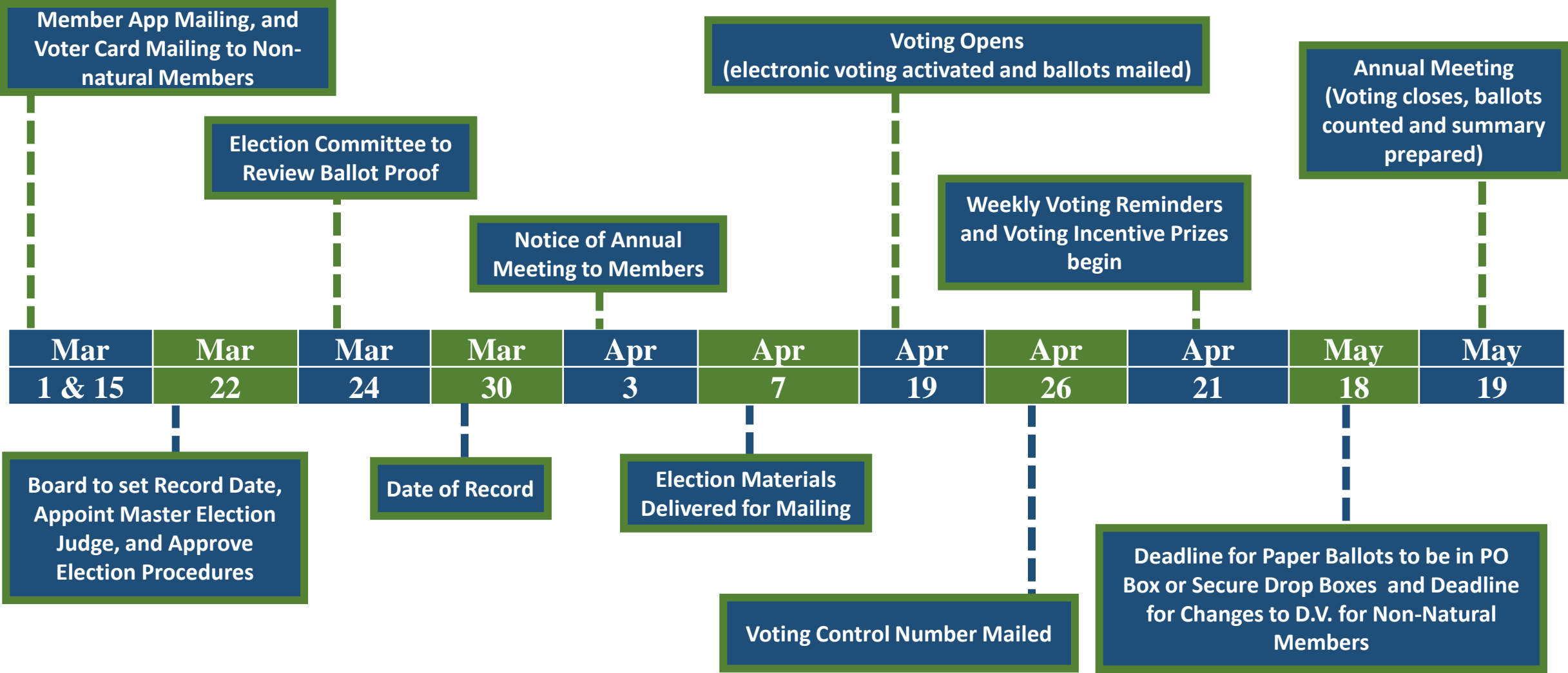
Election Goals

- Ensure fairness, impartiality, confidentiality, and integrity of the voting process
- Educate members on cooperative membership and voting
- Simplify member voting; transparent and easy to understand voting process
- Increase voter participation to 13% of members

2023 Election Goal



2023 Election Key Activities



2023 Election Communications

Election Communications to Membership

January – May 2023	<ul style="list-style-type: none">Using The Outlet Newsletter, Chugach website, My Account, direct mail and social media posts, announce the upcoming election and virtual annual meeting to all members
March 1	<ul style="list-style-type: none">Member Applications mailed to members without one on file
March 15	<ul style="list-style-type: none">Designated voter update to all non-natural members
April 3	<ul style="list-style-type: none">“Official Annual Meeting & Election” postcard mailed to all members
April 19	<ul style="list-style-type: none">Voting opens at noon, paper ballots mailed, voting email notifications sent
April 26	<ul style="list-style-type: none">Voting Control Number mailed to all members (provides electronic voting credentials)
April 21 – May 12	<ul style="list-style-type: none">Voting email reminders and voting incentive prizes every Friday during voting
May 19	<ul style="list-style-type: none">Member Appreciation Day: 3 pm – 6 pmElectronic Voting closes at 3pm, in-person voting re-opens 5 pmAnnual Meeting: 6 pm – 7:30 pm (registration opens at 5 pm)

Voting Incentives – Drawings and Prizes

Early Bird Voting Prizes	
April 21 – May 12	<ul style="list-style-type: none">• On Fridays, voting email reminders are sent to members who have not voted
April 21	<ul style="list-style-type: none">• First voting prize drawings
April 28	<ul style="list-style-type: none">• Second voting prize drawings
May 5	<ul style="list-style-type: none">• Third voting prize drawings
May 12	<ul style="list-style-type: none">• Fourth and final weekly voting prize drawings
May 19	<ul style="list-style-type: none">• Annual Meeting<ul style="list-style-type: none">- 2 prizes drawn for a years' worth of free electricity (up to 10,000 kWh)- Door prize drawings – 10 winners \$100 gift certificates from local businesses

2023 Member Appreciation Event

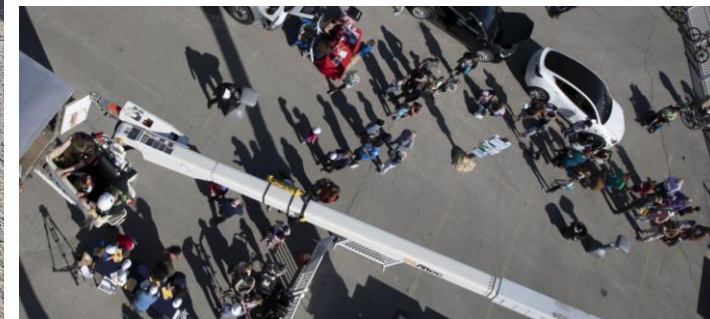
Member Appreciation Event - Goals

- Show appreciation to Chugach's members
- Provide a family friendly, safe, and fun event
- Provide information about energy efficiency, sustainability, and available community services through educational booths



Member Appreciation Event – Activities

- May 19, 2023
 - 3:00pm to 6:00pm
- Activities
 - SPP Tours
 - Educational Booths
 - Bucket Truck Rides
 - Food
 - Prize Drawings



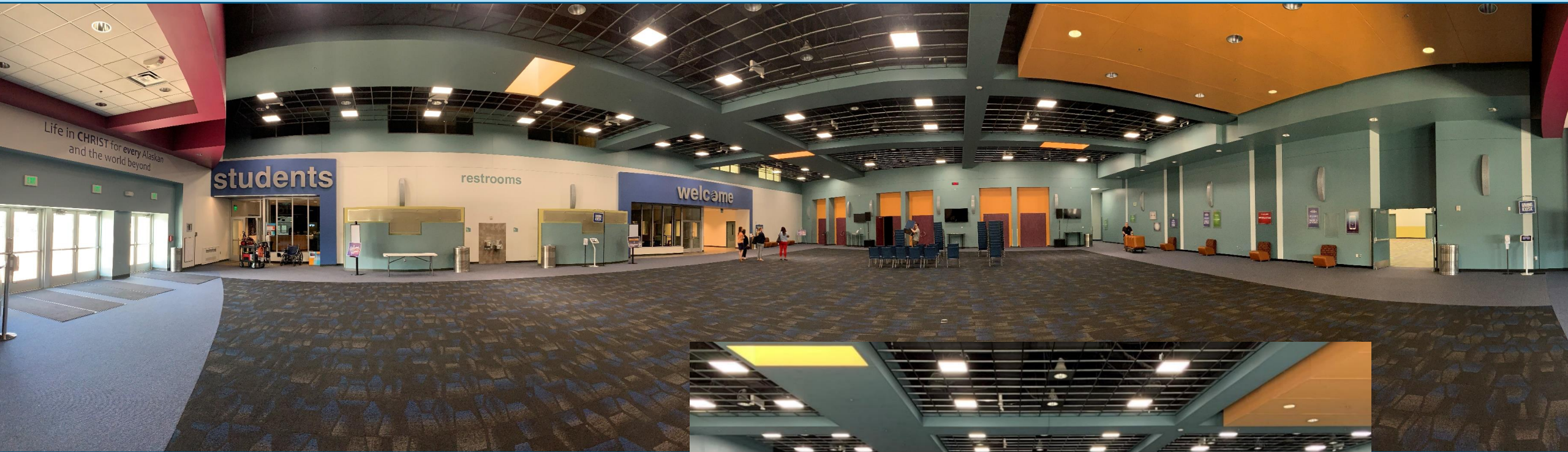
2023 Annual Meeting

ChangePoint venue

Main
entrance



ChangePoint venue



Entrance hall
(annual meeting space)



Meeting Schedule

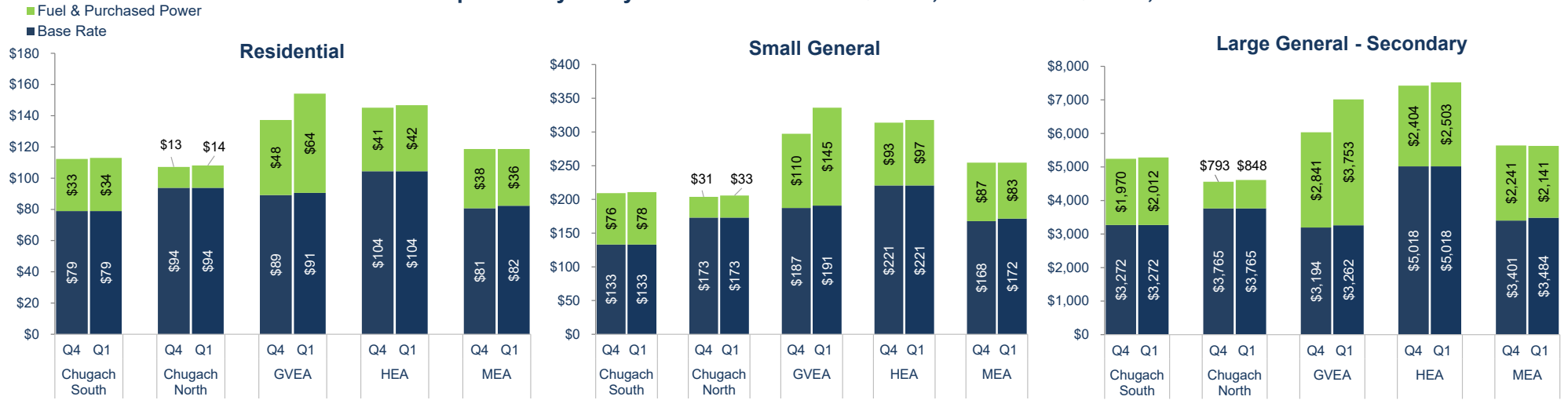
- 6 pm to 7:30 pm meeting run time
- Registration, voting opportunity (Reg. opens at 5 pm)
- Reports from committees
- Election results
- Board video
- Treasurer video
- Message from CEO
- Questions from members/Door prizes

Questions?

Railbelt Electric Utility Bill Comparison

Q1 - 2023

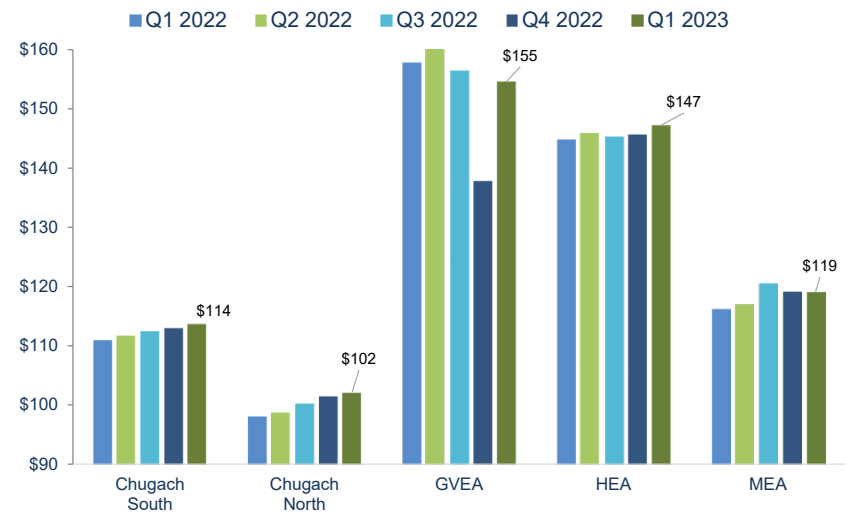
Bill Comparison by Utility and Rate Class: 4th Quarter, 2022 vs 1st Quarter, 2023



Bill Comparison by Utility and Rate Class: 4th Quarter 2022 Total Bill

Chugach					
	South	North	GVEA	HEA	MEA
Residential (525 kWh)	\$114	\$102	\$155	\$147	\$119
Cost Per kWh	\$0.217	\$0.195	\$0.295	\$0.280	\$0.227
% Change from Prior Quarter	0.6%	0.6%	12.3%	1.2%	0.0%
% Variance from Chugach South Bill	--	(10.2%)	36.0%	29.5%	4.7%
Small General (1,200 kWh)	\$213	\$192	\$337	\$319	\$256
Cost Per kWh	\$0.177	\$0.160	\$0.281	\$0.266	\$0.213
% Change from Prior Quarter	0.8%	0.7%	13.0%	1.2%	0.0%
% Variance from Chugach South Bill	--	(9.7%)	58.6%	49.9%	20.2%
Large General -Secondary (31,000 kWh / 79 kW)	\$5,326	\$4,256	\$7,042	\$7,549	\$5,653
Cost Per kWh	\$0.172	\$0.137	\$0.227	\$0.244	\$0.182
% Change from Prior Quarter	0.8%	0.9%	16.2%	1.3%	(0.3%)
% Variance from Chugach South Bill	--	(20.1%)	32.2%	41.7%	6.1%

Railbelt Average Residential Bill





New Payment Processor

Go-Live March 29, 2023

Regular Board of Directors' Meeting
March 22, 2023



What Members Need to Know

Wednesday, March 29, 2023

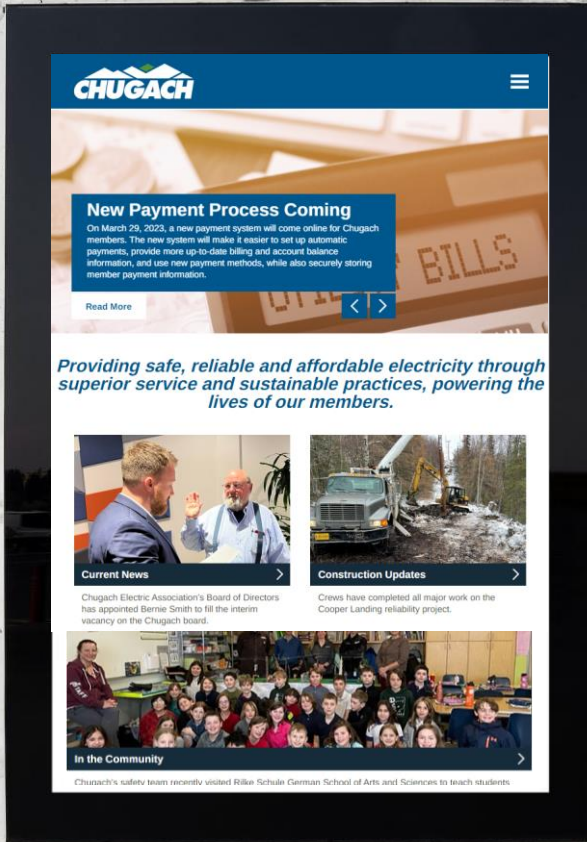
- Online / IVR payments and My Account portal access restored as of 8 AM
- Members can set up new payment methods, including automatic payments

Tuesday, March 28, 2023

- Last day to make payments using old payment processor
- Online / IVR payments and My Account portal unavailable beginning at 4 PM
- Last bills for March due this day



Communications to Members



- Outlet
- Website
- Direct Mail
- Email
- Social Media
- Bill Messages



Transition For Members

- No late fees post go-live period
- Member assistance available
 - Member Contact Center
 - Website, dedicated page
 - In person assistance
- Increased review of member accounts
- Email outreach post-go-live in partnership with new vendor



Payment Kiosk

- Go-live, March 29, 2023
- Soft launch
- Full roll-out with Enstar, June 2023
- 24/7 availability
- Cards and cash accepted
- Make Chugach and Enstar payments at same kiosk



Questions?



Chugach Renewable Generation

Q1 2023 Update of Renewable Energy Plan Activities

Board of Directors' Meeting
March 22, 2023



Renewable Energy Plan Underpinnings



2020 Goal:

Add 100,000 MWh of renewable generation by March 31, 2025



2021 Renewable Energy Plan Developed

Implementation underway



2023-2027 Strategic Plan:

35% minimum decarbonization by 2030
50% minimum decarbonization by 2050
Using 2012 as baseline

Renewable Energy Plan Priority Areas



1. Issue RFP: Issue a Request for Proposal (RFP) for the purchase of renewable energy generation



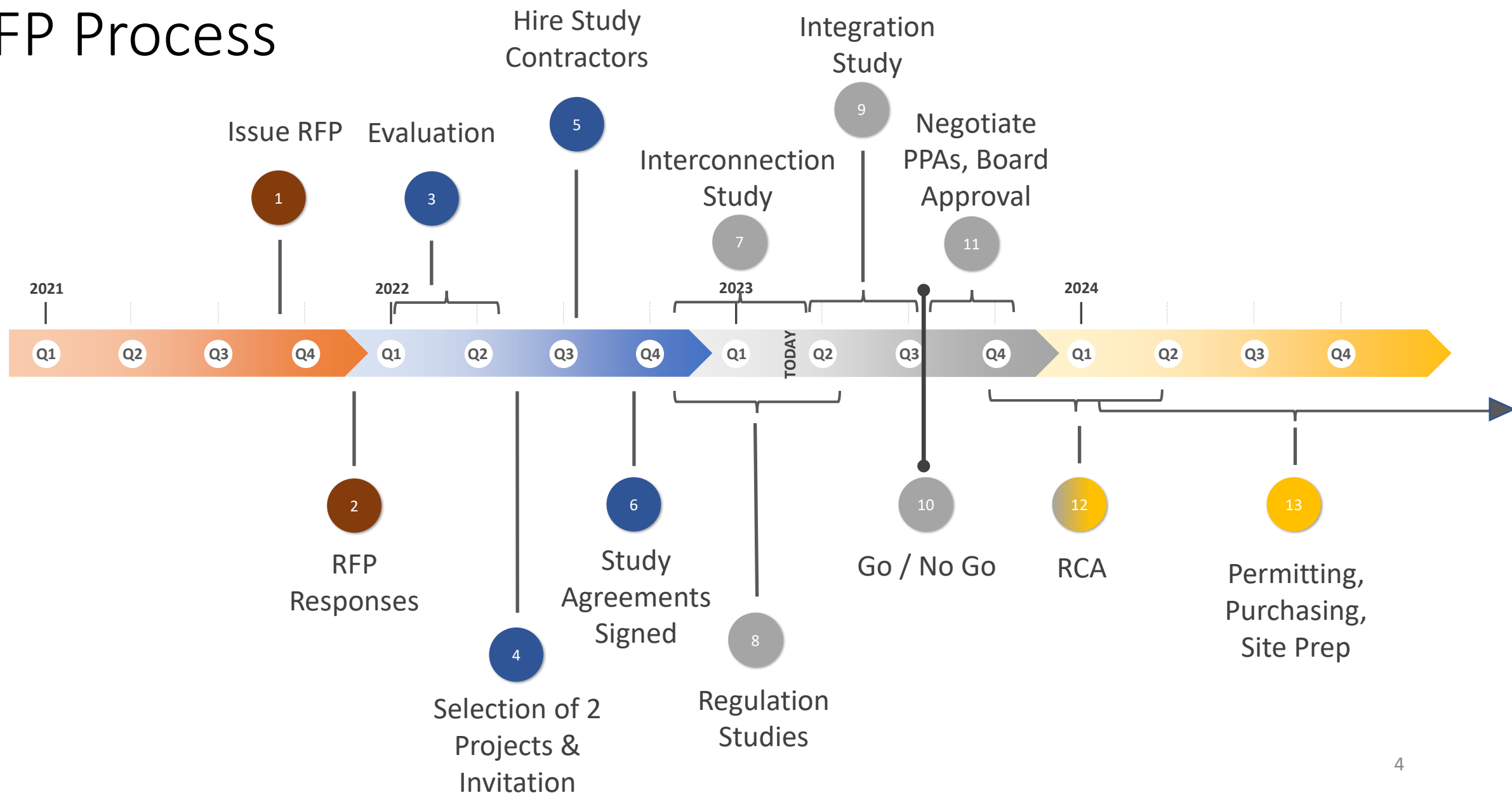
2. Develop Known Renewable Projects: Continue to pursue known potential renewable energy projects



3. Create Policy Changes: Pursue regulation and legislative changes that remove regulatory barriers to the deployment of renewable generation

Priority Area 1: RFP for Renewable Energy

RFP Process



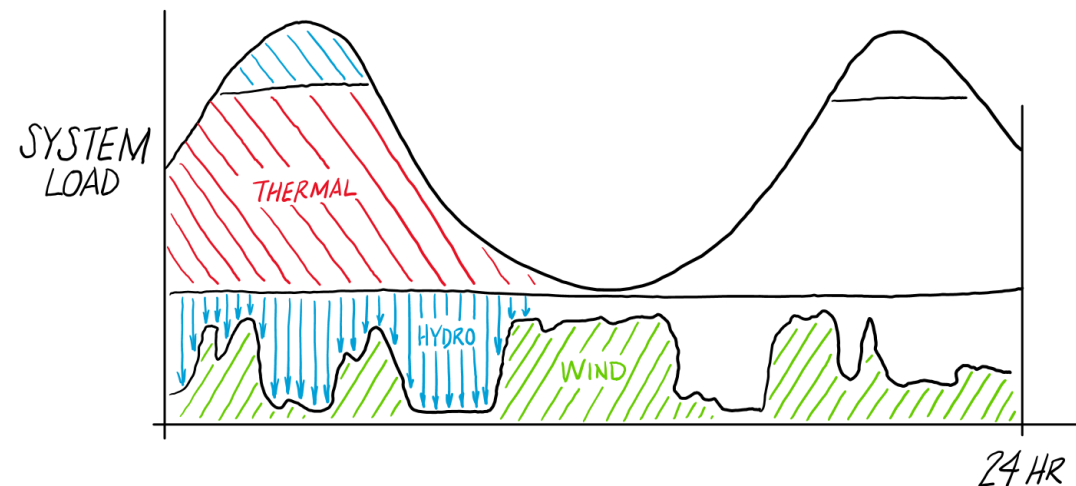
Regulating Variable Renewables

Challenges

- Wind and solar output varies
- Other generation units must be able to generate more or less to “regulate” wind and solar
- Currently use hydro to regulate Fire Island Wind
- With more variable renewables, need more regulation capacity
- Gas turbines can regulate, but are limited due to day-ahead gas scheduling

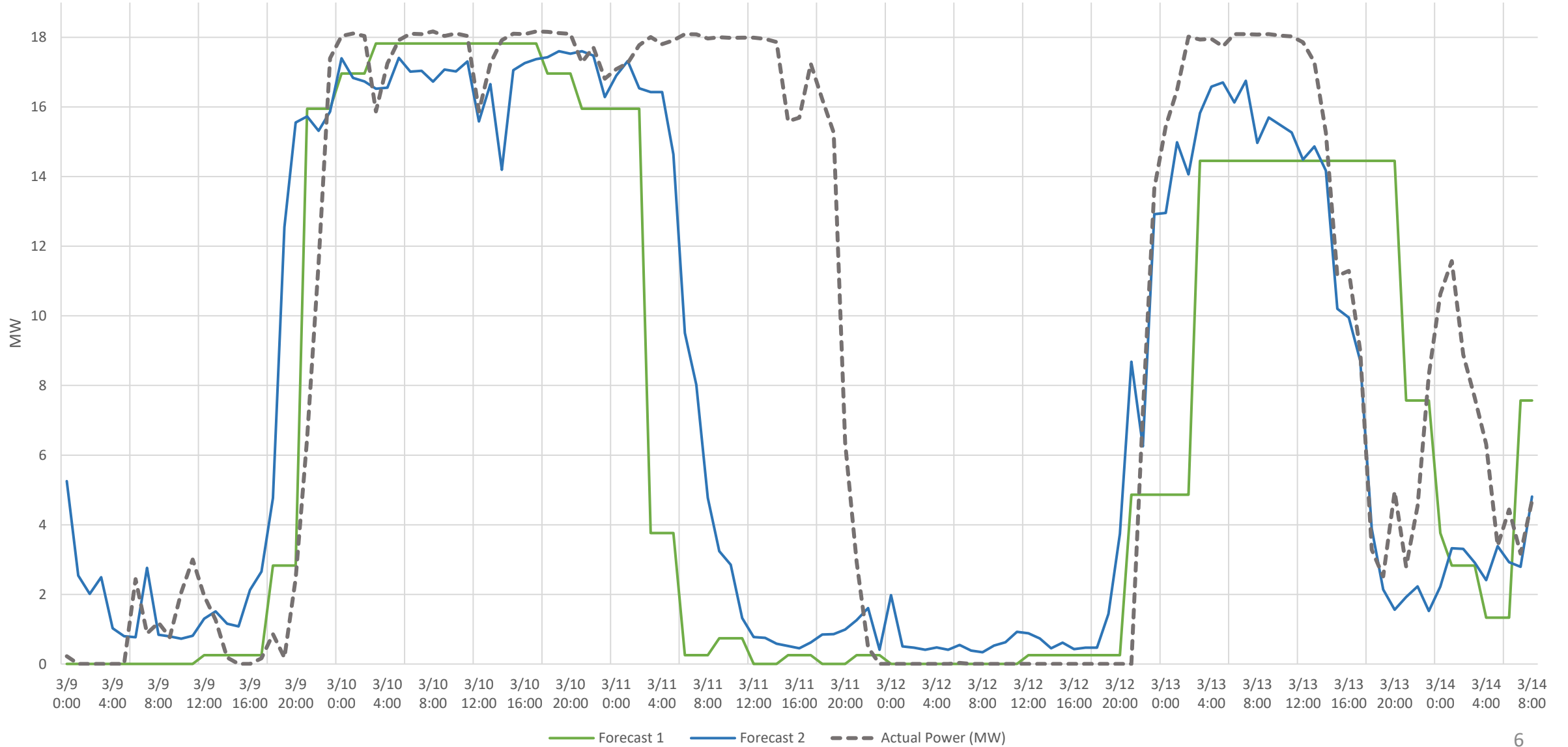
Possible Solutions

- Testing new wind forecasting capabilities
- Studying potential at-plant gas storage
- Increase hydro regulation capability
- Economic curtailment
- Other strategies



Wind Forecasting Study Example

Fire Island Wind Forecasting Performance



Priority Area 2:

DEVELOP KNOWN RENEWABLE PROJECTS

COMPLETED

- 2 AWWU PRV to Hydro, 28 kW and 45 kW
- Heat Pump Program
Initiated Feb. 1, 2023

ADVANCING

- Community Solar
- Dixon Diversion
- Railbelt Wind Studies
- 2 Tidal Projects
- Solar at SPP
- Solar IPP
- Others under NDA

PAUSED

- AWWU #3
- MOA Waste to Energy

STOPPED

- 6 solar projects at distribution system scale

Renewable Portfolio Standard Update

- Railbelt utilities worked together on potential Clean Energy Standard legislation
- Chugach met with REAP several times to attempt to reach consensus on legislation for a Renewable Portfolio Standard or Clean Energy Standard
- An RPS bill was recently introduced in the Alaska Legislature
 - Chugach is evaluating the bill
- Policy changes may not be needed at this time
 - Promising RFP process
 - Large scale renewables *may be* cost competitive without increasing member rates; studies are underway.

Renewable Energy Plan Next Steps

- Priority area 1: RFP
 - Complete interconnection studies (Q2, 2023)
 - Conduct integration studies (Q2, 2023)
 - If feasible and cost-effective, negotiate power purchase agreements; Board approval (Q3, 2023)
 - Submit agreements to Regulatory Commission of Alaska; request approval to recover purchased power costs in rates (Q3, 2023)
 - Permitting, purchasing, site preparation, construction (2024 - 2025)
 - Project commissioning and operation (2025 - 2026)
- Continue advancing priority areas 2 & 3



Questions?



Chugach Electric Association, Inc.

Central Business District Reliability Improvements

Regular Board of Directors' Meeting: March 22, 2023

Introduction

- The Central Business District
- Outages

Challenges

- Infrastructure and Location
- Operations

Strategy

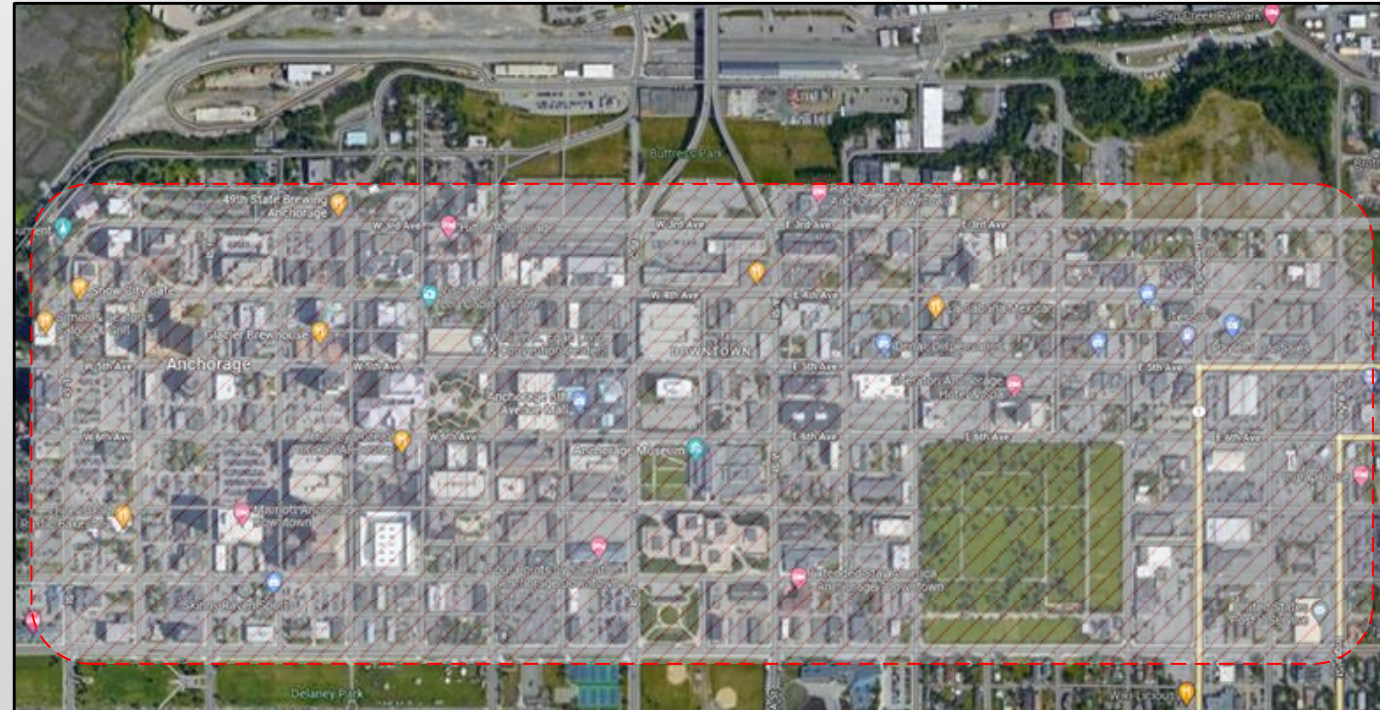
Improvements

- Network/Infrastructure
- Operational

Central Business District (CBD)

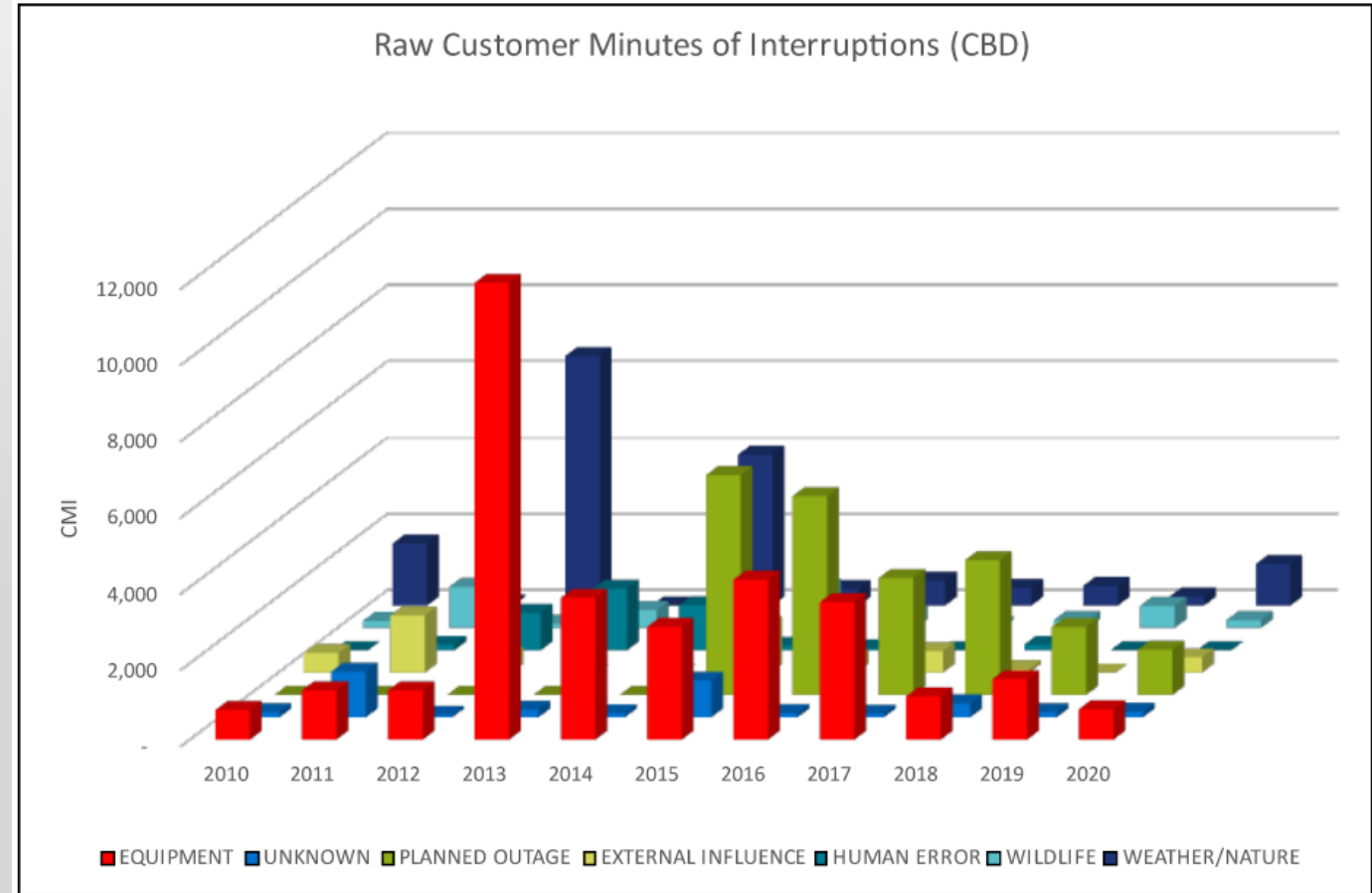
- Urbanized area is bounded by Ingra and L Street, East and West, 3rd and 9th, North and South
- Primarily uses an older vault duct system
- Utilized both a 12.5 and 35 kV distribution system
- Legacy Anchorage Municipal Light and Power service territory

Central Business District

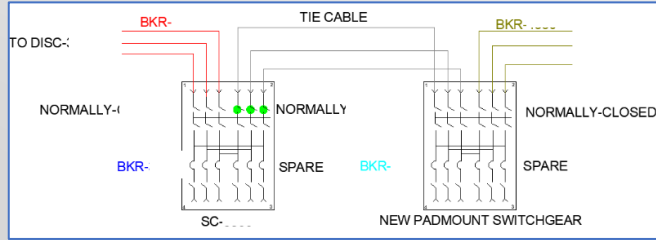


The CBD has experienced outage issues including:

- Historically higher outages in past years
- The winter of 2021-2022 had multiple longer outages with both primary and secondary outages with long durations, **a red flag**.
- Chugach and ML&P had different methods for:
 - Electrical network design
 - Addressing outages
- Burns and McDonnell assessed challenges and recommended improvements.
- Challenges:
 - Operational
 - Infrastructure
- This effort is reliability focused; code and safety issues will be addressed with urgency.



Single Points of Failure

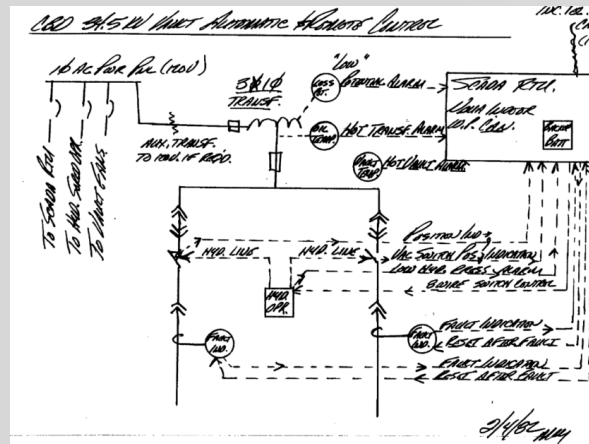


Control and Communication

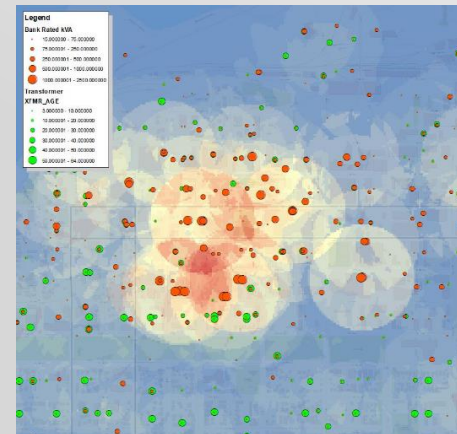
- Need for additional communication and control
- Confusing fault indication and lack of remote switching

- Single Points of failure causing the loss of two feeders
- Additionally, high impact devices were identified

Electrical Network



Aging Infrastructure



- Long runs on a single feeder
- Manual switching
- Lack of flexibility

- Equipment nearing the end of useful life:
 - Transformers
 - Cable
 - Switches

Distribution Maintenance Program

- Improve inspection and maintenance program
- Visual inspections
- Periodic testing



Outage Root Cause Analysis

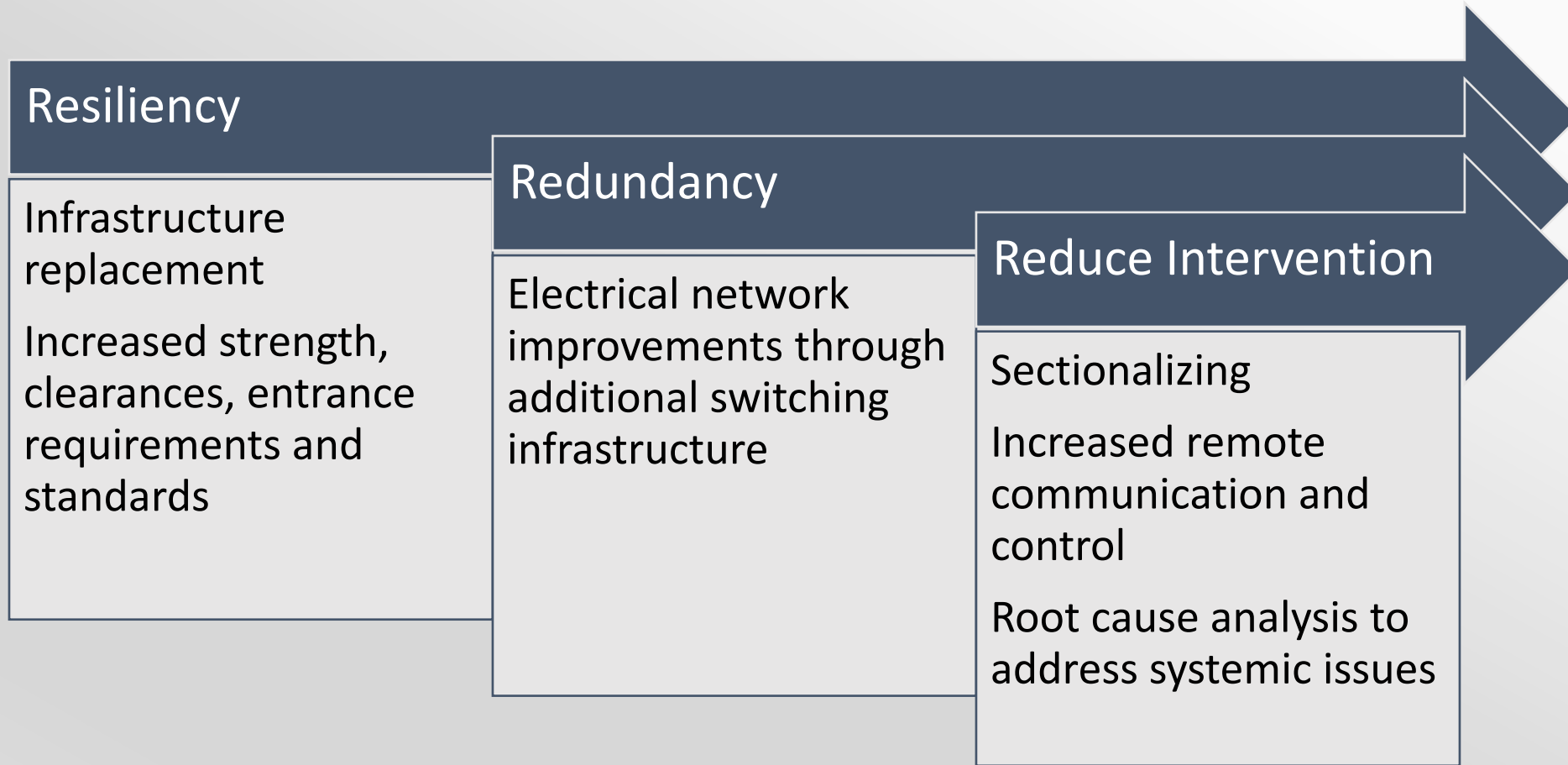
- Outage Committee utilized on a periodic basis. It does not include:
 - Formalized process
 - Triggers to form the committee

Standards

- Entrance Service Requirements
 - Equipment in buildings and on roofs
 - 24/7 access is not always feasible
- Standardized equipment, communication requirements

GIS Data Integration

- Complete reconciliation of legacy Chugach and ML&P GIS databases (sectionalizing and grid maps)
- Reconciliation of databases versus field information



Improvement Plan



Infrastructure	Control & Comm.	Study requirements and merits of cellular, microwave and fiber optic communication systems to support fault indication and remote switching.
	Single Point of Failure	Develop a capital project for all single points of failure and other high impact devices.
	Aging Infrastructure	Implement a targeted replacement program for cable, switches and transformers nearing the end of their useful lives.
	Electrical Network	Develop and implement strategies to introduce more sectionalizing and switching points in CBD feeders that take into account the physical challenges.
Operational	Distribution Maintenance	Develop a mix of time, condition or visual maintenance and inspection program for distribution infrastructure in the CBD.
	Outage Root Cause Analysis	Develop a standardized process to be utilized system wide for outage analysis based on set parameters.
	Standards	Revise Entrance Service Requirements to include outdoor space in developments. Update standards for modernized equipment, vault and duct systems.
	GIS Data Integration	Complete integration activities around GIS data consolidation and targeted validation of data. Plan for future integrations of GIS system for work management and maintenance programs.

Near Term 2023-24	Long Term 2024-28
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- Outages with longer durations are a concern.
- Several operational and infrastructure, near and long-term, improvements are being considered to improve reliability.
- The Central Business District will be an area with increasing capital investment as seen in the 2023-2027 Capital Improvement Plan.

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

March 22, 2023

ACTION REQUIRED

AGENDA ITEM NO. VIII.A.

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

TOPIC

Chugach Electric Association, Inc. (Chugach) 2023 Annual Election: Date of Record, Master Election Judge, and Election Procedures.

DISCUSSION

Date of Record

To allow time for preparation, it is recommended that the Chugach Board of Directors set a record date for the 2023 annual meeting and election in accordance with Article III, Section 7 of Chugach's Bylaws and Alaska Statute 10.25.125, which states:

AS 10.25.125 Record date. To determine the members entitled to notice of a meeting of the members or to vote on a matter that is to be submitted to a vote of the members, or for any other proper purpose, the board of directors may fix a date that occurs no more than 30 days before the date of notice or distribution of mail ballots as the record date for the determination. If a record date is not fixed for the determination of members entitled to notice of a meeting or to vote on a matter, the date on which notice of the meeting or of mail voting is first mailed is the record date. When a determination of members entitled to vote at a meeting is made, the determination applies until the meeting is adjourned sine die.

The date of the annual meeting and election is May 19, 2023. The Election Committee discussed the record date and voted to recommend the Chugach Board of Directors set March 30, 2023, as the record date for the 2023 annual meeting and election.

Master Election Judge and Election Committee

Pursuant to Article III, Section 9, of Chugach's Bylaws, the Chugach Board of Directors is required to appoint members to an Election Committee consisting of a Master Election Judge and not more than 12 election judges. On February 22, 2023, the Election Committee voted to recommend that Dawn Bundick be appointed as the 2023 Master Election Judge, and recommended Lawrence Camp be appointed the alternate.

2023 Election Procedures

Article III, Section 9 of Chugach's Bylaws state that the Election Committee,

shall devise such procedures, and adopt such rules and regulations, subject to the approval of the board of directors, as may be reasonably necessary or convenient to the discharge of the election committee's responsibilities. These responsibilities shall include but are not limited to (1) the registration of members at the annual or special meeting, and (2) the obligation of insuring the fairness, impartiality, confidentiality, and integrity of the voting process.

The Election Committee has reviewed and updated the procedures to reflect 2023 dates and procedures. A copy of the 2023 Election Procedures is attached.

MOTION

Move that the Board of Directors set March 30, 2023, as the Date of Record, that Dawn Bundick be appointed Master Election Judge with Lawrence Camp as the alternate, and that the 2023 Election Procedures be approved as recommended for Chugach's 2023 election.

**Anchorage, Alaska
Election Procedures
Chugach Electric Association, Inc.**

Election Dates	
Date	Activity
2-21-2023	First meeting of Election Committee to recommend Date of Record, Master Election Judge, and review/revise Election Procedures
Ongoing	Election committee continues to meet as needed
3-1-2023	Mailing of Member Application for those members without one on file.
3-15-23	Designated Voter Card mailing to non-natural members
3-22-23	Board to set record date for the next election, appoint Master Election Judge, and approve revised/updated Election Procedures
3-24-23	Election committee review ballot proof
3-30-23	Date of Record
4-3-23	Official Notice of Annual Meeting mailed to members
4-7-23	Election materials delivered to vendor for mailing
4-19-23	Voting opens, electronic voting is activated, and ballots are mailed
4-26-23	Control Number mailed (password mailed to all members)
5-18-23	Deadline per bylaws for paper ballots to be in PO Box or secure drop box locations by noon and for designated voter cards.
5-19-23	Annual Meeting - Electronic Voting Closes at 3:00 PM. Voting reopens during Annual Meeting registration at 5:00 PM.

The Election Committee adopted the following procedures:

General

1. An Election Administrator will be hired to conduct the mechanics of the election. The Master Election Judge and/or their designee(s) may observe all activities of the Election Administrator as described in the Election Procedures.
2. The Election Committee will select a Master Election Judge and at least one alternate, agree to the recommended date of record, and prepare election procedures annually. The Election Committee reviews and approves ballot language prior to final printing.
3. To participate in the election, a person or non-natural entity must be a Chugach member by the close of business on the date of record, in accordance with bylaw requirements.
4. Chugach will prepare and mail letters to the non-natural members at least 90 days before the Annual Meeting, advising them of the current designated voter for their membership and how to update the designated voter if it has changed. Non-natural members may change their designated voter using voting signature cards returned by the close of business on the day prior to annual meeting.
5. Post-date of record, Chugach will prepare a member voter file which contains the member numbers, member names, mailing addresses, member type, telephone numbers, and email address (if available). The voter file will also include information regarding whether the member has opted for a paper ballot.
6. Chugach will send one or more mailings to all members of record advising them of their voting options. The communication will provide them with details of the upcoming election and voting deadlines.
7. The Chugach Electric Website and any printed election materials will include the election brochure (containing candidate statements, a summary of the proposed bylaw changes, director attendance and voting records), and the unaudited financial statement information. Additionally, they will include instructions for signing up for electronic election materials, requesting a paper ballot, reporting suspected voter fraud, and a reminder that the right to vote may not be transferred (no proxy voting).
8. The first valid ballot received will be the ballot counted. If a paper ballot envelope is received first, the Election Administrator will disable the member's electronic voting account. If the paper ballot envelope is later determined to be invalid by

the Election Committee, the Election Administrator will notify the member and provide information on how the member can cast a valid ballot.

9. Members may request voting assistance and/or replacement ballots from the Election Administrator. The Election Administrator must have a dedicated phone number to handle member calls.
 - a. Electronic ballot replacement: If there is no email address on file, the Election Administrator will refer the member to Chugach Member Services to validate the membership status as of the Date of Record and provide an email address. Member Services will provide the email address to the Election Administrator who may then email the replacement voting link and provide voting instructions to the member.
 - b. Paper ballot replacement: Every member mailed a paper ballot is entitled to request a replacement ballot. Members will be referred to the Election Administrator. The Election Administrator will mail replacements as requested, along with a new return envelope on which the member's name and member number have been printed. A member may request a replacement ballot once during the election. The Election Administrator will track if a replacement ballot is sent to a member.
10. If an invalid ballot envelope is received with fewer than 10 calendar days before the election but before the balloting deadline, the Election Administrator will attempt to call the member to notify the member of the problem and provide information on how the member can cast a valid ballot.
11. All voting will conclude at the electronic voting deadline the day of the Annual Meeting and results will be compiled. In-person voting will re-open in conjunction with Annual Meeting registration.
12. The Election Administrator will prepare a ballot count summary for use by the Master Election Judge.
13. The Master Election Judge will announce the results of the balloting at the Annual Meeting. A representative of the Election Administrator will accompany the Master Election Judge.
14. Provisions for recounts are explained in the Chugach Bylaws, Article III, Sections 9(f) and 9(g).
15. The Election Administrator will secure election materials and may destroy them after receiving written authorization from Chugach Member Services, in accordance with Chugach Bylaws, Article III, Section 9(d).

16. The Election Administrator will prepare and maintain election statistics throughout the election period. Election statistics should include, but are not limited to, voting counts by method of voting, valid and invalid balloting counts, voting activity by period (day and time), voting activity by natural and non-natural members, etc. A preliminary compilation of these statistics will be made available to Chugach the day after the Annual Meeting. A follow-up formal written report will be made available within two weeks of the annual meeting.

Electronic

1. For electronic voting, the user ID will be the email address on file and a direct voting link will be sent via email to those members eligible to vote in the election.
2. Chugach will notify members via email when voting is open to those members who have provided a validated email address. For those members whose email address fails, Chugach will attempt to contact the member for a valid email address and document the contact attempt within the customer information system (CIS). If no valid email address is provided, the member will be mailed the control number the week after voting opens.
3. The electronic voting site will be activated for members to begin voting on the same day that the election packets are mailed.
4. The Election Administrator will ensure electronic voting integrity through auditing and reporting. If an electronic ballot is questioned, it will be brought before the Election Committee to determine its validity. The Election Committee will meet periodically throughout the balloting period to perform their oversight function. Please see the 'Electronic Ballot Security Measures' section at the end of this document for details on electronic ballot security.
5. Electronic voting will close on the day of the Annual Meeting to allow the database to be updated before re-opening for in-person voting at Annual Meeting registration.

Paper

1. Chugach members retain the right to request paper ballots (2017 was the first year the default voting method was switched from paper to electronic.) Chugach will maintain a list of these requests from the membership from year to year.
2. The following are the three criteria for a valid paper ballot:
 - i. The ballot envelope must contain the member number,

- ii. The ballot envelope must contain an appropriate, valid member signature for the member number on the envelope, and
- iii. No prior valid ballot has been received by the Election Administrator.

A paper ballot is considered received when it is at the Election Administrator's office and has been processed (e.g., validated and entered in the Election Administrator's logs).

3. Chugach will have election materials printed and delivered to the Mailing Subcontractor shortly after the Date of Record. The Mailing Subcontractor will assemble and label election packets, consisting of voting instructions, a paper ballot and return ballot envelope. The Mailing Subcontractor will deliver the election materials to the Post Office for mailing.
4. When printed ballots arrive at the Mailing Subcontractor, the Election Administrator will perform test counts of all ballots until satisfied as to the number of total ballots received from the printer. Both the sequence of the ballot numbers and the rotation of candidates will be checked.
5. The Election Administrator and/or the Election Committee will ensure the election packets are delivered to the Post Office.
6. For a ballot to be valid it must be returned by the deadline for return ballots as per Chugach Bylaws Article III, Section 9(c).
7. Only the Election Administrator will notify members of the validity of their paper ballot envelopes. Information about the validity of individual paper ballots will not be provided after the election.
8. Paper ballots will be machine-readable.
9. The Election Administrator will be responsible for securing ballot counting equipment compatible with the ballots, and for transporting the equipment. The Election Administrator will test the equipment prior to commencing the ballot count.
10. A dedicated post office box for receiving paper ballots will be used during the election. The process of picking up and securing ballot envelopes will be performed at least once a week by a contracted security service. Ballots and ballot envelopes which are inadvertently delivered to Chugach will be immediately turned over to the Election Administrator by the contracted security service.

11. There will be secure drop boxes available for paper ballots that are dropped off at the Chugach Electric member service lobby and at the Election Administrator's office. The contracted security service will take the secure drop boxes to the Election Administrator's facility where they will be counted. At least two parties will verify and record the count of ballot envelopes received. The ballot envelopes will be safeguarded by the Election Administrator.
12. The Election Administrator will check the paper ballot envelopes from each pickup to ensure they have a valid member number and signature. Questioned envelopes will be set aside for review by the Election Committee.
13. The Election Administrator will check paper ballot envelopes containing questioned signatures against the membership application, or the non-natural member designated voter signature card on file with Chugach as of the date of record.
14. If an invalid paper ballot envelope is received at least 10 calendar days before the election, it will be mailed to the member within one day of being found invalid. The Election Administrator will also include a dated Ballot Rejection Insert telling the member why the election ballot was invalidated and what the member can do to cast a valid ballot. A replacement ballot (and ballot envelope with the member's name and member number) will be sent to the member.
15. The Election Committee will meet regularly to review the work of the Administrator and rule on the validity of questioned paper ballot envelopes. The Election Committee will have final say on whether questioned ballot envelopes are valid as determined by the Election Committee members at each meeting using copies of the envelopes and member applications or signature cards.
16. On questioned paper ballot envelopes, the Election Committee will not accept a signature as valid if a member does not have a signed application, signature card, or electronically signed application supported by photo ID on file with Chugach. However, if the committee reaches a tie regarding the validity, the benefit of the doubt will go to the member.
17. In addition to the questioned envelopes, a random sample of the paper ballot envelopes with both a member signature and member number will be checked against the member applications, electronically signed applications supported by photo ID or non-natural member voting signature cards on file with Chugach to ensure the signatures are valid.

Based upon the results of the random sampling, the Election Committee may request additional envelope signatures be checked.

18. Each candidate is entitled to be present or represented by an individual at each of the Election Committee meetings where ballots are verified and to observe the ballot counting process on the day of the Annual Meeting. Candidates or their representatives will not be allowed to handle ballots and must remain in the observation area designated by the Election Committee.
19. The final pickup of paper ballot envelopes will be made at noon one day prior to the Annual Meeting from all designated locations. Paper ballots received after this time will not be counted.
20. No paper ballot envelopes will be opened before the day of the Annual Meeting.
21. On the day of the Annual Meeting valid paper ballot envelopes will be opened and ballots counted by the Election Administrator and observed by members of the Election Committee. Election Committee members present may be asked to rule on the validity of questioned ballots. Balloting results will be safeguarded by the Election Administrator until the time of the Annual Meeting.

ELECTRONIC BALLOT SECURITY MEASURES

For the ballot voting process, from the member perspective

- A unique 12-digit control number is provided to the member
- The member visits the website chugachelection.com (all activity on the website is encrypted)
- The member logs in by entering their control number (there are 1 trillion possible control number values, so guessing is impossible- automatic lockouts and response delays are used to counter "brute force" login attempts)
- After logging in, the member walks through board & resolution voting pages (an automatic logout happens if the session is idle for a long time)
- The member reaches a confirmation page, where they verify their choices & enter an email if they want a receipt (the receipt does not show specific votes cast or the control number)
- The member officially casts their vote, and a thank you page is shown

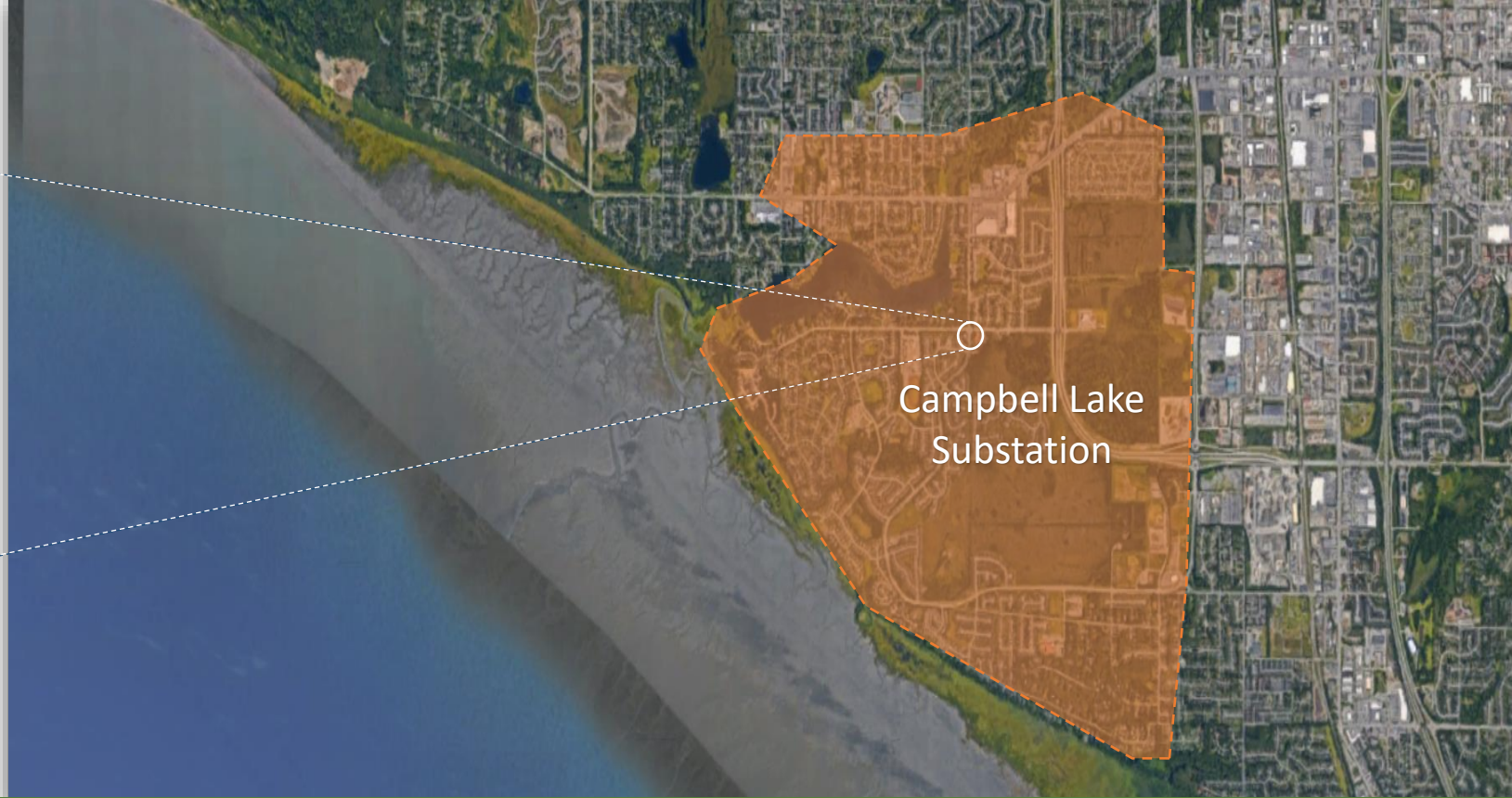
And on the hosting/software side...

The system is run in a major datacenter with top-tier security (see <https://azure.microsoft.com/en-us/overview/security> for more info).

The system is professionally engineered using best practice security measures (see <https://www.owasp.org> for more info). Here are some examples:

- Digital signatures – each recorded ballot is stamped with a digital signature, which is used to ensure that the voting record has not been altered in any way since it was received.
- Concurrent voting prevention- the system prevents a member from casting multiple ballots at the same time, from different computers
- "Point-in-time" database backups - we can pull & review a copy of the full election database as it existed at any point during the election
- Transaction log- all balloting and other data change activities are recorded (in full) in the transaction log (& added entries cannot be altered or deleted)
- Authentication log- all login attempts (failed & successful) are logged, to include all known information about the session; warning admin alerts are generated for suspicious activity
- Multi-tiered client/server input validation- ensures full validation of all ballot data before recording (for example, ensuring that a ballot does not vote for more than X candidates, or vote for the same candidate multiple times)
- Strong countermeasures for various classic web application vulnerabilities- such as SQL injection, script injection, cross-site scripting, cross site request forgery, & cookie manipulation.

The security measures for chugachelection.com are very similar to those that are in place for our Alaska Native Corporation elections system. That system has been vetted by eight tabulation/CPA firms (2 national, and 6 local), & it passed a security audit in 2018 (security audits are sometimes required by federal contracts).



Campbell Lake Substation Rebuild

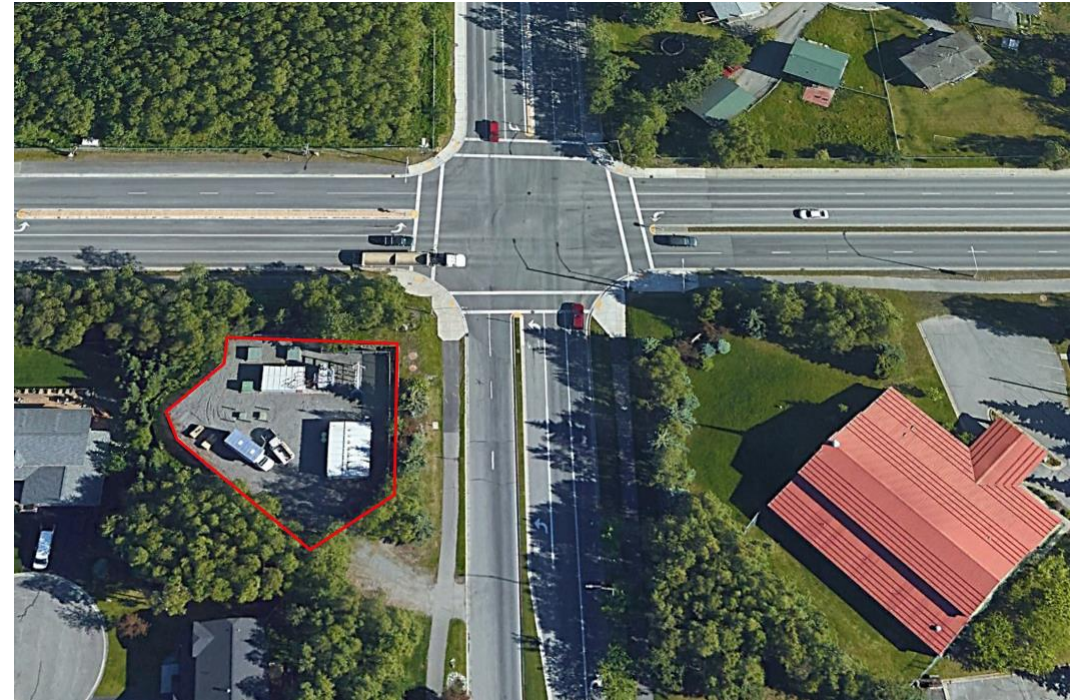
Regular Board of Directors' Meeting
March 22, 2023



Introduction

Campbell Lake Substation (CLSS)

- *Located at the corner of Victor Road and 100th Avenue in Anchorage*
- *35kV/15kV Distribution substation providing power to Southwest Anchorage.*
- *In February of 2022, the Chugach Board approved the Campbell Lake Substation Rebuild at an Authorized amount of \$7.4 M.*
- *Switchgear bids were solicited twice, both times, bids were more than budgeted.*
- *Requesting*
 - *Authorization of a switchgear procurement contract.*
 - *Increase Project Authorization as a result of the switchgear procurement.*



Switchgear Procurement & Project Authorization

First Bid- October 2022

Engineer's Estimate : \$1.72 M

Range of Bids : \$2.8 M - \$5.1 M

Second Bid- February 2023

Engineer's Estimate : \$1.72

Range of Bids : \$2.92 M - \$5.2 M

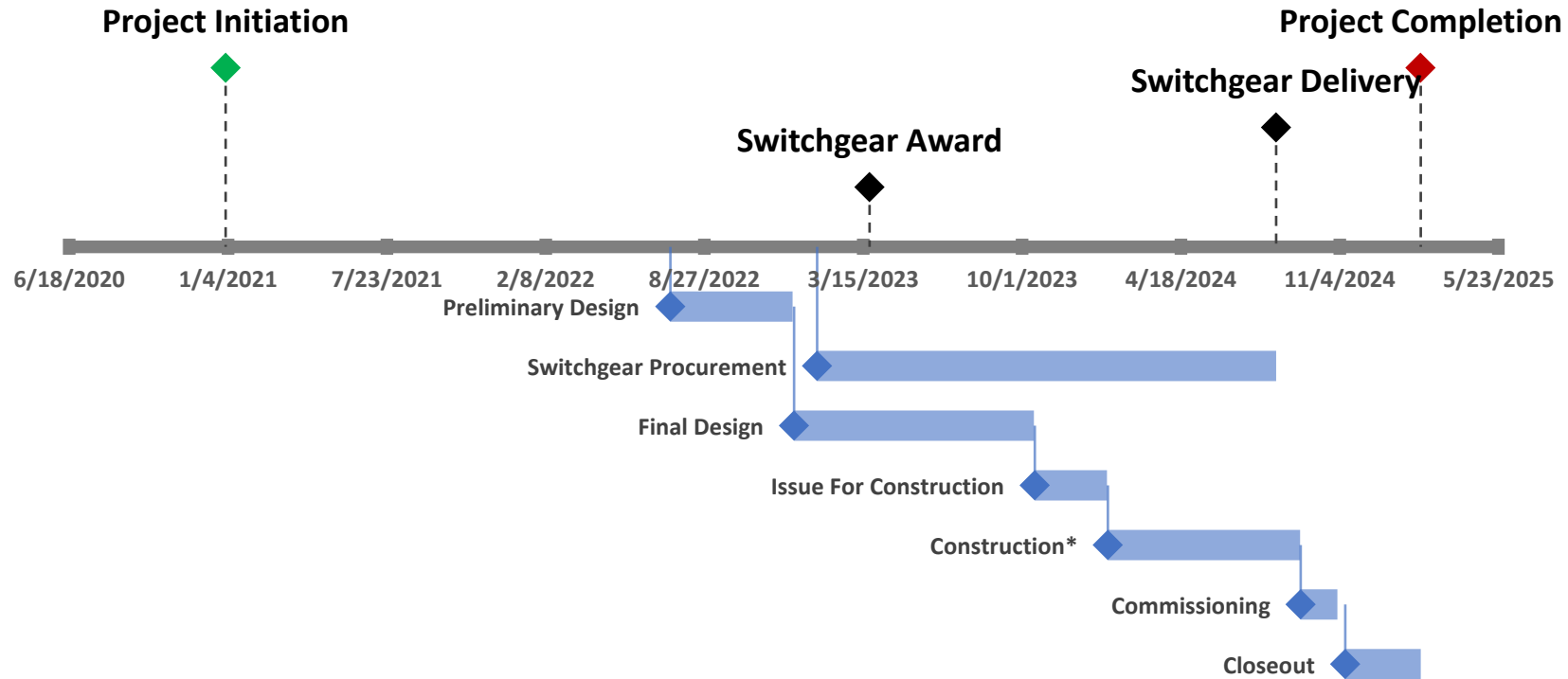
Switchgear Contract Authorization

- States Manufacturing, Inc. \$2,920,000
- \$1,200,000 above the engineer's estimate
- Due to high in materials and shipping costs
- High demand for switchgear

Project Authorization Increase

- February 2022: \$7,400,000
- Increased amount: \$1,200,000
- New Authorization: \$8,600,000
- No CIP increase needed in 2023.
- Increased cost will be captured in the 2024 CIP.

Campbell Lake Substation Project Schedule



*Actual construction costs are expected to be over the estimate.

Summary

1. *Authorize a switchgear contract with States Manufacturing, Inc. at \$2,920,000.*
2. *Increase the Project Authorization by \$1,200,000 or from \$7,400,000 to \$8,600,000.*
3. *Project completion anticipated Q2 2025.*

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

March 22, 2023

ACTION REQUIRED

AGENDA ITEM NO. VIII.B.

Information Only
 Motion
 Resolution
 Executive Session
 Other

TOPIC

Campbell Lake Substation Rebuild Switchgear Procurement and Project Authorization increase.

DISCUSSION

In February of 2022, the Chugach Board of Directors approved the Campbell Lake Substation Rebuild project. This project includes a complete substation rebuild, including the addition of two new 14MVA power transformers with oil contained seismically rated foundations, metal clad switchgear, a communications tower, buswork, conduit/wiring system, grounding and a new perimeter wall.

With material price increases and escalating shipping costs the switchgear procurement received higher than expected proposal amounts. The lowest responsive and responsible bidder, States Manufacturing, Inc. submitted a bid of \$2,920,000. This is approximately \$1,200,000 more than the budgeted amount of switchgear included in the February 2022 Project Authorization, which increased the project cost from \$7,400,000 to \$8,600,000.

This Project is included in the 2023-2027 CIP.

MOTION

Move that the Chugach Board of Directors authorize the Chief Executive Officer to execute a contract with States Manufacturing, Inc. in the amount of \$2,920,000 for the procurement of metal clad switchgear and increase the Campbell Lake Substation Rebuild Project Authorization by of \$1,200,000 to an estimated Total Installed Cost of \$8,600,000.

Quartz Creek Transmission Line Rebuild: Girdwood – Indian Steel Procurement

Regular Board of Directors' Meeting

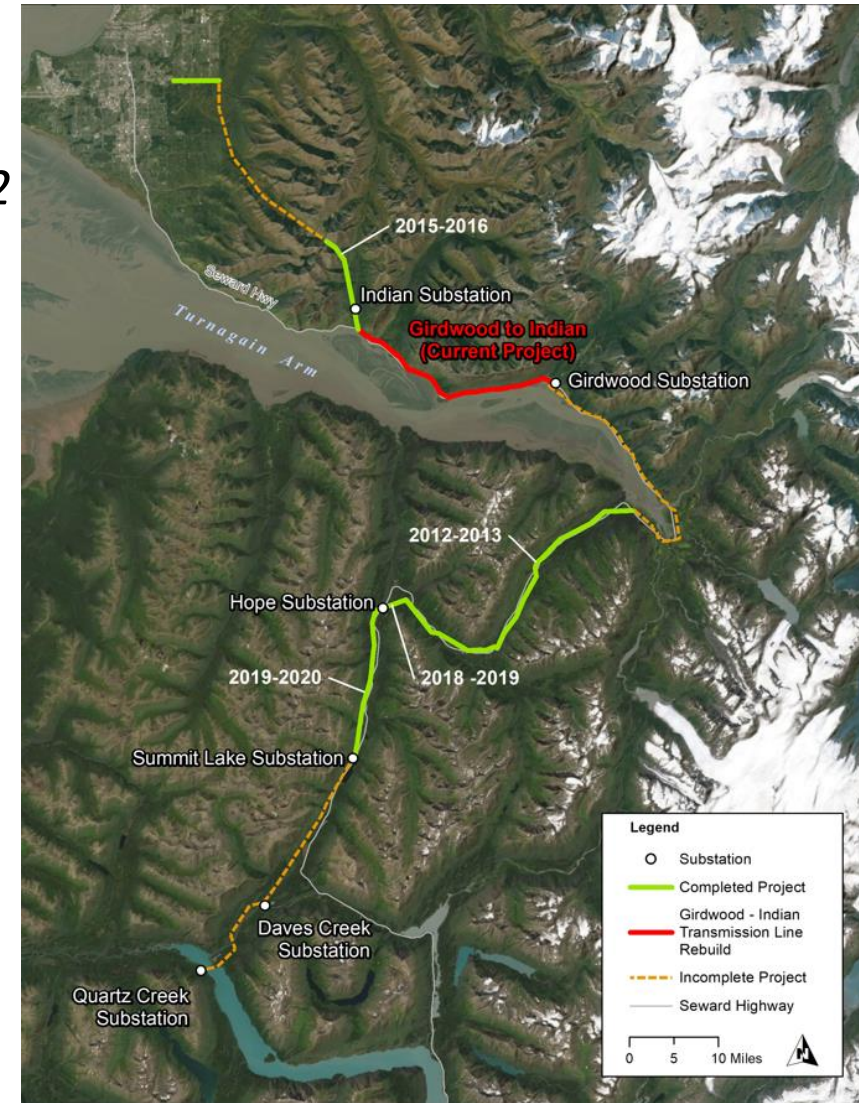
March 22, 2023



Introduction

Girdwood – Indian 115kV (GWID)

- *Programmatic rebuild of the 115 kV transmission line starting in 2012 between the University and Quartz Creek Substations*
 - *11 miles of transmission line between Indian and Girdwood*
- *In October of 2022, the Chugach Board approved the Girdwood – Indian Rebuild at an Authorized amount of \$21.2 M*
- *Requesting*
 - *Authorize steel procurement contract*



Steel Procurement

Range of Four Responsive Bidders

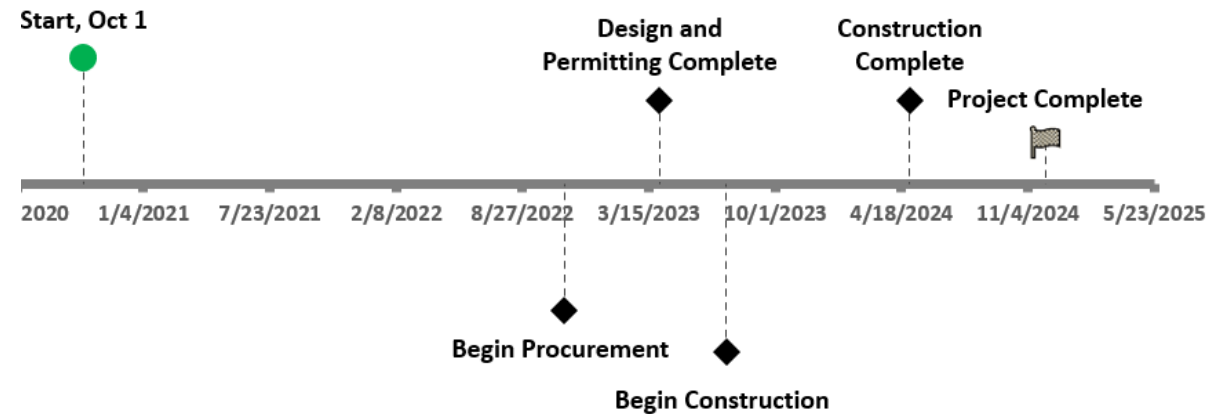
- Bids ranges were \$3.2 M-\$8.5 M
- Engineer's Estimate was approximately \$4.6M

Contract Authorization

- Valmont Utility (Valmont) was lowest responsive bid at \$3.2 M
- Valmont is a pre-qualified steel manufacturer for Chugach
- Recommend moving to authorize contract execution

Girdwood – Indian Budget & Schedule

- Project Estimate and Authorization: \$21.2M
- Procurement is 92% complete with steel pole contract authorization
- Lower than expected steel costs
- Costs are trending under budget and on schedule



CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

March 22, 2023

ACTION REQUIRED

AGENDA ITEM NO. VIII.C.

Information Only
 Motion
 Resolution
 Executive Session
 Other

TOPIC

Contract Authorization –Quartz Creek Rebuild: Girdwood to Indian Steel Pole and Crossarm Procurement

DISCUSSION

In October 2022, Chugach Electric Association, Inc. Board of Directors approved the rebuild of approximately eleven miles of the Quartz Creek Transmission Line between Girdwood and Indian. Chugach solicited and received four steel pole and crossarm bids in Q1 of 2023. Valmont Utility was found to be the lowest qualified bidder.

This project is included in the 2023-2027 CIP.

MOTION

Move that the Chugach Board of Directors authorize the Chief Executive Officer to execute a contract with Valmont Utility for the procurement of steel poles and crossarms in the amount of \$3,153,357.

35kV Conductor Bulk Purchase

- ▶ Purchase order covers four budgeted capital projects
- ▶ Benefits of bulk ordering include:
 - ▶ Reduced manufacturing time
 - ▶ Discount pricing
- ▶ Competitive bidding process in adherence with bylaws
 - ▶ Lowest bid: \$2,455,785.00*

Project	Description
Depot Dr. ARRC Relocate	Relocate overhead circuit running north and south near ARRC warehouse
Sub 9/9A Retirement	Removal of Sub9/9A from ARRC property; feeders tied to another substation
Old Seward undergrounding	Continued Old Seward undergrounding; O'Malley Rd. to Dimond Blvd.
Huffman undergrounding	Retire overhead on Huffman Rd. between Old Seward Highway and Lake Otis Parkway

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

March 22, 2023

ACTION REQUIRED

AGENDA ITEM NO. VIII.D.

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

TOPIC

35kV Conductor Purchase

DISCUSSION

Administrative services performed a competitive request for bid for the bulk purchase of 35kV conductor necessary to complete four engineering projects. On December 14, 2022, the Board of Directors approved the 2023 Operating and Capital Budget, which included these four capital projects.

Combining the conductor into a bulk order provided Chugach with the ability to reduce pricing and acquire a manufacturing scheduling timeslot in 2023.

In accordance with Chugach bylaws, the process resulted in multiple bids. The resulting low bid was provided by Anixter Power Solutions, for \$2,455,785.00 with a forty-two-week delivery schedule. The bid was based on a COMEX copper closing price of \$4.16 per pound. This amount may fluctuate based on the COMEX copper closing price on the date of the purchase order.

MOTION

Move that the Board of Directors authorize the Chief Executive Officer to approve the 35kV conductor purchase requisition and subsequent purchase order to Anixter Power Solutions for \$2,455,785.00 adjusted by the COMEX copper closing price on March 23, 2023.

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

March 22, 2023

ACTION REQUIRED

AGENDA ITEM NO. VIII.E.

Information Only
 Motion
 Resolution
 Executive Session
 Other

TOPIC

Proposed Bylaw Addition: Article XII – Miscellaneous Section 4.

DISCUSSION

Each year, in accordance with Article XIII of Chugach Electric Association, Inc.'s (Chugach) Bylaws, members have an opportunity to repeal and amend the Bylaws. The Bylaws Committee is comprised of seven Chugach members acting independently from the Chugach Board. The committee met on February 9, 2023, and February 15, 2023. Following Robert's Rules of Order, the Bylaws Committee reviewed the proposals and motioned to deny or move the proposals forward to the Chugach Board for consideration to put on the 2023 Annual Election ballot.

The Bylaws Committee considered but did not advance a proposal to increase the board composition from seven to nine directors. The Bylaws Committee chose not to move the proposal forward given that the Board's most difficult task was to manage the acquisition of ML&P. Now that the acquisition is complete, a need has not been communicated from the board to add additional seats and a gap in governance has not been identified. All directors are at-large and represent both the north and south districts with equal representation. The Bylaws Committee could not justify voting in favor to add two additional seats to the Chugach Board, and the proposal was opposed by majority vote of the Bylaws Committee.

The Bylaws Committee is recommending approval of two electric bill round up programs to go on the 2023 ballot for members to choose by majority which proposal, if any, to adopt. Proposal 1, titled "Bill Round Up" was submitted by Chugach staff and Proposal 2, titled "Bill Round Up with 50 percent Clean Energy Contribution" was a friendly amendment to Chugach's proposal from the Bylaws Committee.

Proposal 1: Bill Round Up

The purpose of the proposal is to approve an opt-out program. This program supports Chugach's strategic goals of community involvement and charitable giving to Chugach service area. Monthly bills are rounded up to the nearest dollar for an average of \$6 per year per account; funds will be used for 501(c)(3) charitable purposes in the Association's service area, and members can choose to opt-out of the program. The amendment wording is below, and the ballot proposal is referenced in Addendum 1.

SECTION 4. Utility Bill Round Up Program

The Association may establish a program to permit members to round up their bills to the nearest dollar. The monies collected shall be used for 501(c)(3) charitable purposes in the Association's service area. Members may be automatically included in this program but may choose not to participate in the program by notice to the Association.

Proposal 2: Bill Round Up with 50 Percent Clean Energy Contribution

This proposal is an amendment to Proposal 1 stating that in addition to the fundamentals of the roundup program in Proposal 1, at least 50 percent of the funds will go toward approved clean energy 501(c)(3) projects within Chugach's service area. Should applicants not meet standards or excess project funds are not used, then the monies will be distributed to other 501(c)(3) charitable purposes in Chugach's service area. The amendment wording is below, and the ballot proposal is referenced in Addendum 2.

SECTION 4. Utility Bill Clean Energy Round Up Program

The Association may establish a program to permit members to round up their bills to the nearest dollar. The monies collected shall be used for 501(c)(3) charitable purposes, with at least 50 percent designated toward clean energy 501(c)(3) projects that support powering members in the Association's service area. Members may be automatically included in this program but may choose not to participate in the program by notice to the Association.

Below are three motion options for consideration by the Chugach Board of Directors:

- Motion 1 provides adoption of a bill round up program for 501(c)(3) charitable purposes (Proposal 1, above) titled “Bill Round Up” to go on the 2023 Annual Election ballot for members to choose to adopt.
- Motion 2 provides adoption of a bill round up program where at least 50 percent of the funds go toward clean energy for 501(c)(3) charitable purposes (Program 2, above) titled “Bill Round Up with 50 percent Clean Energy Contribution” to go on the 2023 Annual Election ballot for members to choose to adopt.
- Motion 3 provides approval for two electric bill round up program options (Proposals 1 and 2, above) to go on the 2023 Annual Election ballot for members to choose by majority which proposal, if any, to adopt.

MOTION 1

Move that the Board of Directors approve placement on the 2023 Annual Election ballot to add an electric bill round up program for 501(c)(3) charitable purposes within Chugach’s service area for inclusion in the Association’s Bylaws under Section 4 of Article XII.

MOTION 2

Move that the Board of Directors approve placement on the 2023 Annual Election ballot to add an electric bill round up program where at least 50 percent of the funds go toward clean energy for 501(c)(3) charitable purposes within Chugach’s service area for inclusion in the Association’s Bylaws under Section 4 of Article XII.

MOTION 3

Move that the Board of Directors approve placement on the 2023 Annual Election ballot the Bylaws Committee’s recommendation to add two proposals, an electric bill round up program for 501(c)(3) charitable purposes and an electric bill round up program where at least 50 percent of funds go towards clean energy for 501(c)(3) charitable purposes, for members to choose which proposal, if any, for inclusion in the Association’s Bylaws under Section 4 of Article XII.

Addendum 1

2023 Proposed Amendment to the Bylaws

Introduction

One proposed amendment to the Bylaws is presented in this section. The proposed changes are introduced with a title contained within a box. The titles are the same as those used on your ballot. The existing language proposed to be deleted is in ~~[brackets and struck through like this]~~. Proposed language to be added is in **bold typeface and underlined like this**.

Establish a Round Up Program

A Round Up program offers members the opportunity to participate in a charitable giving program that rounds the member's monthly bill to the next whole dollar amount, contributing between \$0.01 and \$0.99 a month, for an average of \$6.00 in a year. Members may choose not to participate in the program at any time.

The program aligns with Chugach's Strategic Priority of enhancing community involvement. When surveyed, Chugach members indicated that offering a round up program is important.

Donations made to the Round Up program will be managed by a charitable foundation which will oversee the distribution of charitable support to 501(c)(3) organizations within Chugach's service area. Utility Round Up programs have a long history of providing long lasting, meaningful impact to the communities they serve.

Amend the Bylaws as follows:

ARTICLE XII MISCELLANEOUS

SECTION 4. Utility Bill Round Up Program

The Association may establish a program to permit members to round up their bills to the nearest dollar. The monies collected shall be used for 501(c)(3) charitable purposes in the Association's service area. Members may be automatically included in this program, but may choose not to participate in the program by notice to the Association.

Addendum 2

2023 Proposed Amendment to the Bylaws

Introduction

One proposed amendment to the Bylaws is presented in this section. The proposed changes are introduced with a title contained within a box. The titles are the same as those used on your ballot. The existing language proposed to be deleted is in ~~[brackets and struck through like this]~~. Proposed language to be added is in **bold typeface and underlined like this**.

Establish a Round Up Program including Clean Energy

A Round Up program offers members the opportunity to participate in a charitable giving program that rounds the member's monthly bill to the next whole dollar amount, contributing between \$0.01 and \$0.99 a month, for an average of \$6.00 in a year. Members may choose not to participate in the program at any time.

The program aligns with Chugach's Strategic Priority of enhancing community involvement. When surveyed, Chugach members indicated that offering a round up program is important.

Donations made to the Round Up program will be managed by a charitable foundation which will oversee the distribution of 50 percent of the funds toward any number of charitable 501(c)(3) support organizations within Chugach's service area.

Chugach was informed that gas contracts from the Cook Inlet will not be renewed. Chugach's responsibility is to provide power to its members. In this effort, at least 50 percent of the Round Up funds will go toward approved clean energy 501(c)(3) projects within Chugach's service area. Should applicants not meet standards or excess project funds are not used, then the monies will be distributed to other 501(c)(3) charitable support organizations.

Utility Round Up programs have a long history of providing long lasting, meaningful impact to the communities they serve.

Amend the Bylaws as follows:

ARTICLE XII MISCELLANEOUS

SECTION 4. Utility Bill Clean Energy Round Up Program

The Association may establish a program to permit members to round up their bills to the nearest dollar. The monies collected shall be used for 501(c)(3) charitable purposes, with at least 50 percent designated toward clean energy 501(c)(3) projects that support powering members in the Association's service area. Members may be automatically included in this program but may choose not to participate in the program by notice to the Association.

Chugach Electric Association, Inc.
Anchorage, Alaska

Summary of Executive Session Topics for
Regular Board of Directors' Meeting on March 22, 2023
Agenda Item IX.

- A. Discussion of financial and legal matters concerning the Seward Electric System.
(AS 10.25.175(c)(1) and (3))

- B. Discussion of financial matters related to the Eklutna Project. (AS 10.25.175(c)(1))