

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

REGULAR BOARD OF DIRECTORS' MEETING

AGENDA

Janet Reiser, Chair
Bettina Chastain, Vice Chair
Sisi Cooper, Treasurer
Jim Henderson, Secretary

Susan Reeves, Director
Harry T. Crawford, Jr., Director
Stuart Parks, Director

December 20, 2017

4:00 p.m.

Chugach Training Room

I. CALL TO ORDER

- A. *Pledge of Allegiance*
- B. *Roll Call*
- C. *Safety Minute - "Christmas Safety" (Freeman)*

II. APPROVAL OF THE AGENDA*

III. PERSONS TO BE HEARD

- A. *Member Comments*

IV. CONSENT AGENDA*

- A. *Board Calendar*
- B. *Training and Conferences*
 - 1. *2018 NRECA Annual Meeting, February 22-28, 2018, Nashville, TN
(Deadline for conference and hotel registration is January 19, 2018)*
- C. *Minutes*
 - 1. *November 20, 2017, Special Board of Directors' Meeting (Quezon-Vicente)*
 - 2. *November 29, 2017, Regular Board of Directors' Meeting (Portades)*
 - 3. *December 1, 2017, Special Board of Directors' Meeting (Portades)*
 - 4. *December 4, 2017, Special Board of Directors' Meeting (Quezon-Vicente)*
- D. *Director Expenses*

V. CEO REPORTS AND CORRESPONDENCE

- A. *October 2017 Financial Statements and Variance Report (Harris/Curran)*
- B. *Write-off of Accounts Receivable –Electric/Other (Kurka/Andrews)*
- C. *4th Quarter 2017 Railbelt Bill Comparison (Skaling/Miller)*
- D. *Chugach's Green Energy Program (Ayers/Miller)*
- E. *Abbott Road Phase 2 (Schmitt/Risse)*

VI. DIRECTOR REPORTS

- A. *Alaska Railbelt Cooperative Transmission & Electric Company (ARCTEC) Report*
- B. *Board Committee Reports (Audit and Finance, Operations & Governance)*
- C. *Other Meeting Reports*

VII. UNFINISHED BUSINESS (*none*)

VIII. NEW BUSINESS* (*scheduled*)

- A. *Appointment of 2018 NRECA Voting Delegate and Alternate* (Board)*
- B. *Hope Substation Upgrade – Project Authorization* (Sinclair/Hickey)*

IX. EXECUTIVE SESSION* (*scheduled*)

- A. *Strategic Planning*
- B. *CEO Goals and Parameters and Project Specific Objectives (Correspondence)*

X. DIRECTOR COMMENTS

XI. ADJOURNMENT*

* *Denotes Action Items*

** *Denotes Possible Action Items*

CHRISTMAS SAFETY!



PRO TIP Turn off the electricity to the supply outlet before working on outdoor wiring.

1 Clean your chimney. Dirty chimneys can cause chimney fires.

1

2

Make sure your outdoor lights are meant for outdoor use. Follow labeling for number of light sets which can be connected end-to-end. Discard any string of lights with frayed cords, cracked lamp holders or loose connections.

3

Use safe ladder practices when hanging lights.

4

Be careful when getting decorations out of a low attic. Watch for exposed nails, wires, low-hanging rafters or cross-beams. In addition, openings between truss chords can present a fall hazard.

Place candles on steady, non-flammable surfaces and away from curtains and other flammable items. Keep them out of reach of children and pets. Blow candles out when you leave the room.

6

Turn off all indoor and outdoor lights before you go to bed.

5





PRO TIP Install working smoke alarms on every level of your home and outside each sleeping area.

Always have a working fire extinguisher in the house and keep it easily accessible.

7

With so much holiday cheer, don't get distracted and leave cooking food unattended.

8



PRO TIP Before setting up the tree inside, trim two inches off the stem diagonally so it can absorb water. Add water each day to ensure the tree is well watered.

Keep trees away from heat sources like radiators and fireplaces.

9



Do not overload electrical circuits or extension cords.

10

Always turn Christmas lights out before leaving home or going to sleep.

11

PRO TIP
Don't shoot your eye out!



PRO TIP Purchase lights that have a label from a recognized testing laboratory, and follow instructions on cord labels regarding connecting lights strings and extension cords.

SANTA'S TIP

Don't drink and drive. Santa would call a cab!



12

Keep sidewalks & steps shoveled and de-iced to prevent slips and falls.

According to the NFPA, U.S. fire departments respond to an average of 230 home fires that start with Christmas trees each year. Electrical failures or malfunctions are a factor in 1/3 of all Christmas tree fires. A little safety can go a long way for keeping the HAPPY in your HOLIDAYS!

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* *Denotes Action Items*

** *Denotes Possible Action Items*

December 2017

November 2017							January 2018						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4		1	2	3	4	5	6
5	6	7	8	9	10	11	7	8	9	10	11	12	13
12	13	14	15	16	17	18	14	15	16	17	18	19	20
19	20	21	22	23	24	25	21	22	23	24	25	26	27
26	27	28	29	30			28	29	30	31			

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	1	2
Directors Winter School - December 1-6 ♦ Nashville, TN					Directors Winter Scho... ♦ Nashville, TN	
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	1	2	3	4	5	6

- 3:15PM Mtg w/Cooper (Review Finance Committee Packet) (SH Office)
- 4:00PM Audit and Finance Committee - (Budget Meeting) (BoardroomCR)

- 9:00AM ARCTEC_GDS Contract (Reiser/Crawford) (APA Board Room)
- 3:15PM (Reiser) Director Interview for Annual Meeting Video (Executiv...)
- 3:30PM (Cooper) Director Interview for Annual Meeting Video (Executiv...)
- 3:45PM (Henderson) Director Interview for Annual Meeting Video (E...)
- 4:00PM Operations Committee Meeting - Re...

- 3:15PM (Crawford) Director Interview for Annual Meeting Video (Executive Office)
- 3:45PM (Chastain) Director Interview for Annual Meeting Video (Executive Office)
- 4:00PM Regular Board of Directors Meeting (BoardroomCR)

- 4:30PM Mtg w/Chastain/Reiser (Anchorage IRP) (LDT's Office)
- 5:00PM Telephonic Special Board of Directors Meeting (Update Anchorage IRP) (1-877-393-3856, Access Code: 1053617)

- 12:00PM Teleconference: Special Board of Directors Meeting (1-877-393-3856, Access Code: 1053617) (BoardroomCR)

- 3:00PM REAP Executive Committee Meeting (Telephonic:)

- 9:00AM ARCTEC Board Meeting (APA / Teleconference No.: 1-877-903-2255, Conf. ID # 732 061 4475)
- 3:00PM Mtg w/Janet (Compensation Package) (LDT's Office)
- 3:30PM Special Board of Directors Meeting (Candidate Interviews) (TrainingRoom)

- 4:00PM Regular Board of Directors Meeting (TrainingRoom)

- 4:00PM Special Board of Directors Meeting (Director Interviews) (TrainingroomCR)

Christmas Eve Hol

Christmas Day Holi

New Year's Eve Ho

New Year's Day Holi

January 2018

December 2017						
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31						

February 2018						
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24	25	26	27	28		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	New Year's Day Hol					
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	4:00PM - 7:00PM Regular Board of Directors Meeting (BoardroomCR)	25	26	27
28	29	30	31	1	2	3

February 2018

January 2018						
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March 2018						
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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	1	2	3

• 4:00PM - 7:00PM Regular Board of Directors Meeting (BoardroomCR)
 NRECA Annual Meeting - (Director Educa... ♦ Nashville, TN)
 NRECA Annual Meeting - (Director Education 2/22 - 2/25) (An... ♦ Nashville, TN)

March 2018

February 2018						
S	M	T	W	T	F	S
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April 2018						
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22	23	24	25	26	27	28
29	30					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	1	2	3
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11	12	13	14	15	16	17
18	<ul style="list-style-type: none"> 4:00PM - 8:00PM Audit & Finance Committee Followed by Special Board of Directors Meeting (BoardroomCR) 	20	21	22	23	24
Directors Conference ♦ Las Vegas, NV				<ul style="list-style-type: none"> 4:00PM - 7:00PM Regular Board of Directors Meeting (BoardroomCR) 		
25	26	27	28	29	30	31

April 2018

March 2018						
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May 2018						
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20	21	22	23	24	25	26
27	28	29	30	31		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
NRECA Legislative Confer... ♦ Washington DC						
8	9	10	11	12	13	14
			<ul style="list-style-type: none"> ● 3:30PM - 4:00PM MS-ESS Ribbon Cutting (Meet in the Board Room) ● 4:00PM - 7:00PM Regular Board of Directors Meeting (BoardroomCR) 			
15	16	17	18	19	20	21
			Strategic Planning w/Bo... ♦ Chugach Headquarters			
22	23	24	25	26	27	28
29	30	1	2	3	4	5

May 2018

April 2018						
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June 2018						
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17	18	19	20	21	22 23	
24	25	26	27	28	29	30

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	1	2	3	4	5
6	7	8	<ul style="list-style-type: none"> 4:00PM - 7:00PM Audit and Finance Committee Meeting (Chugach Boardroom) 	10	11	12
13	14	15	16	17	18	19
20	21	<ul style="list-style-type: none"> 5:00PM - 8:30PM SAVE THE DATE: 2018 Chugach Annual Meeting (Dena'ina Center) 	<ul style="list-style-type: none"> 4:00PM - 7:00PM Regular Board of Directors Meeting (Board of Directors Meeting) 	24	25	26
27	Memorial Day ♦ Ur	28	29	30	31	1
						2

June 2018

May 2018						
S	M	T	W	T	F	S
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20	21	22	23	24	25	26
27	28	29	30	31		

July 2018						
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22	23	24	25	26	27	28
29	30	31				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	31	1	2
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

NRECA Summer Schools... ♦ Coeur D' Ale

NRECA Summer Schools for Directors (West) ♦ Coeur D' Alene, ID

● 4:00PM - 7:00PM
Regular Board of
Directors Meeting
(BoardroomCR)

July 2018

June 2018						
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August 2018						
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19	20	21	22	23	24	25
26	27	28	29	30	31	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			Independence Day			
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
			4:00PM - 7:00PM Regular Board of Directors' Meeting (BoardroomCR)		NRECA Summer School ... ♦ Savannah, GA	
22	23	24	25	26	27	28
NRECA Summer School for Directors (East) ♦ Savannah, GA						
29	30	31	1	2	3	4

August 2018

July 2018						
S	M	T	W	T	F	S
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15	16	17	18	19	20	21
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29	30	31				

September 2018						
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
NRECA Summer School for Directors (East) ♦ Savannah, GA						
29	30	31	1	2	3	4
			4:00PM - 7:00PM Audit and Finance Committee Meeting (BoardroomCR)			
5	6	7	8	9	10	11
12	13	14	15	16	17	18
			4:00PM - 7:00PM Regular Board of Directors' Meeting (BoardroomCR)			
19	20	21	22	23	24	25
		Strategic Planning w/Board ♦ Talkeetna Alaskan Lodge ♦ Connie Owens				
26	27	28	29	30	31	1

September 2018

August 2018						
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19	20	21	22	23	24	25
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October 2018						
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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
26	27 Labor Day ♦ United	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12 4:00PM - 7:00PM Regular Board of Directors' Meeting (BoardroomCR)	13	14	15
16	17	2018 NRECA Region 9 Meeting (9/25 Pr... ♦ Anchorage, Alaska)				22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

October 2018

September 2018						
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23	24	25	26	27	28	29
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November 2018						
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18	19	20	21	22	23	24
25	26	27	28	29	30	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	4:00PM - 7:00PM Regular Board of Directors' Meeting (BoardroomCR)	25	26	27
28	29	30	31	1	2	3

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October 2018						
S	M	T	W	T	F	S
	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

December 2018						
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						1
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
		● 4:00PM - 7:00PM Audit and Finance Committee Meeting (Budget) (BoardroomCR)	● 4:00PM - 7:00PM Audit and Finance Committee Meeting (BoardroomCR)			
4	5	6	7	8	9	10
11	12	13	14	15	16	17
				Thanksgiving Holid.	Thanksgiving Holid.	
18	19	20	21	22	23	24
			● 4:00PM - 7:00PM Regular Board of Directors' Meeting (BoardroomCR)		NRECA Winter School ... ♦ Nashville, TN	
25	26	27	28	29	30	1



ATTENDEE INFORMATION CHECKLIST

2018 ANNUAL MEETING & EXPO

Pre-Meeting Education: February 22 - 25
Annual Meeting & Expo: February 25 - 28



Use this form to help ensure you have all the information you need before registering each of your attendees. *NOTE: This is not a registration form. Please register for this event online at cooperative.com/annual.*

Name: _____

Arrival date and time: _____

Departure date: _____

What type of attendee will you be?

- Regular
- Annual Meeting and TechPlus
- Next Generation Leader
- Pre-Director Courses ONLY

Will you be attending/participating in:

- Touchstone Energy's Community Service Project (Saturday, February 24) *Spaces are limited*
- Entertainment Night - Trace Adkins (Tuesday, February 27)
- International Lunch (Tuesday, February 27)
- ACRE Breakfast (Wednesday, February 28)

Will you be bringing a guest/spouse?

Guest/Spouse Name _____

Will your guest/spouse be attending:

- Entertainment Night - Trace Adkins (Tuesday, February 27)
- International Lunch (Tuesday, February 27)
- ACRE Breakfast (Wednesday, February 28)

What Director Education courses will you be attending?

Thursday, February 22

- 2600 Director Duties and Liabilities [CCD]
- 2640 Financial Decision Making (1.5 day class, continues on Friday until noon) [CCD]
- 901.1 Rules and Procedures for Effective Board Meetings [BLC]
- 913.1 Cooperative Foundations: Co-op Legacy, Principles & Impact on Communities [BLC]

(Please see next page for more course listings)



Friday, February 23

- 2620 Board Operations and Process [CCD]
- 903.1 The Role of the Board Chair in Conducting Effective Meetings [BLC]
- 914.1 Cooperative Communications and Public Opinion - The Director's Perspective [BLC]
- 918.1 Maximizing Your Grassroots Strategy [BLC]
- 919.1 Cooperative Structure: A Strategic Advantage [BLC]
- 930.1 Ethics and Governance: Implementing the New Accountability [BLC]
- 956.1 Crucial Conversations in the Boardroom [BLC]
- 975.1 Capital Credits Issues and Decisions [BLC]

Saturday, February 24

- 2610 Understanding the Electric Business [CCD]
- 924.1 When Disaster Strikes - Continuity Management & Emergency Response Planning for Directors [BLC]
- 925.1 Co-op Bylaws: Guiding Principles & Current Issues [BLC]
- 935.1 Appraising and Compensating the CEO [BLC]
- 943.1 Conversation Skills Outside the Boardroom [BLC]
- 944.1 Giving and Receiving Effective Feedback [BLC] **NEW**
- 951.2 Developing Effective Boardroom Decision Making (1.5 days, continues on Sunday until noon) [BLC]
- 955.1 Your Board's Culture: Its Impact on Effectiveness [BLC]
- 961.1 The Evolution of Electric Cooperative Power Supply [BLC]

Sunday, February 25

- 2630 Strategic Planning [CCD]
- 929.1 Current Governance Issues in Policy Development [BLC]
- 957.1 How to Evaluate and Improve Board Performance [BLC]
- 958.1 Succession Planning: Developing the Purpose-Driven Organization [BLC]
- 963.1 Strategic Technologies and Their Impact on the Cooperative [BLC]
- 964.1 Communicating the New Energy Landscape [BLC]
- 974.1 Rate Making Strategies and Policy Decisions for Electric Cooperative Boards [BLC]
- 977.1 Equity Management and Boardroom Decision Making [BLC] **NEW**

Do you plan to attend a CFC pre-meeting education course on Sunday, February 25?

- KRTA 2
- KRTA 3
- Compass

**LEADING
THE
ENERGY
FUTURE**



2018 ANNUAL MEETING & EXPO

Feb 22 - Feb 28, 2018
Nashville, TN



Cooperative.com (/publicHome/Pages/default.aspx) > Conferences & Education (/conferences-education/Pages/default.aspx) > Conferences & Meetings (/conferences-education/conferences/Pages/default.aspx) > Annual Meeting (/conferences-education/conferences/annual-meeting/Pages/default.aspx) > Registration

MENU ▾

Registration

Registration will open by mid-November.

Registration Fees

Meeting registration fees include access to all general sessions and breakouts, meeting-sponsored meal functions, meeting materials and TechAdvantage Expo. Pre-meeting director education courses are an additional fee.

Annual Meeting Registration Fees	
Early Bird	\$550 (by January 17, 2018 9:00 p.m. EST)
Regular	\$600
Next Generation Leadership Program (Early)	\$550 (by January 17, 2018 9:00 p.m. EST)

Annual Meeting Registration Fees	
Next Generation Leadership Program (Regular)	\$600
One-Day Registration	\$275
Guest/Spouse Registration	\$50
Non-Member Registration <i>(Not an employee or director of an NRECA member organization)</i>	\$1,000
International Guests (invited)	\$130
Annual Meeting and TechPlus	\$850
<i>"Annual Meeting and TechPlus" includes Annual Meeting and TechAdvantage Conference sessions and Expo.</i>	

Special Event Fees	
ACRE Breakfast	\$20
International Lunch	\$55
Entertainment Night (Trace Adkins)	\$55
<i>All sales are final. Tickets are non-refundable.</i>	

Pre-Meeting Education Fees	
Director Education	\$609 per course (except courses listed below)
2640 Financial Decision Making (1.5 day course)	\$850

Pre-Meeting Education Fees	
956.1 Crucial Conversations in the Boardroom	\$916
944.1 Developing Effective Boardroom Decision Making (1.5 day course)	\$850

Online Registration

When registering online, you will now see that you can register for an event whether or not you have a Cooperative.com account. If you have a Cooperative.com account, it is recommended you register using this account in order to receive the best pricing options and manage your registrations (adding, modifying and cancelling registrations), among other benefits. To learn how the process works, [please view these videos \(/conferences-education/Pages/how-do-I-get-started.aspx?#howreg\)](/conferences-education/Pages/how-do-I-get-started.aspx?#howreg).

Cancellation, Refunds and Changes

Members with a cooperative.com login can make changes and cancellations online via cooperative.com > Member Center > My Registrations. Alternatively, cancellations can be submitted in writing. Cancellations received by February 6, 2018, are fully refundable. Registrants who cancel after February 6, 2018, will be issued a refund minus a \$175 cancellation fee. Substitutions are accepted. No-shows and registrants failing to cancel prior to February 21, 2018, are responsible for paying the full registration fee and any pre-con, post-con workshops, courses, etc., if applicable. Special events or ticketed item fees are non-refundable. For more information on cancellations or refunds, please contact Accounts Receivable at 703.907.6875, [accountsreceivable@nreca.coop \(mailto:accountsreceivable@nreca.coop\)](mailto:accountsreceivable@nreca.coop) or fax to 703.907.5951.

Meeting, Event, and Activity Conduct Policy

NRECA strives to create a safe, productive and welcoming environment free from discrimination, harassment, and retaliation for all who participate in NRECA-sponsored meetings, events and activities ("Events"). For purposes of this policy, harassment includes, but is not limited to, sexual harassment, offensive or physically threatening bodily contact, and intimidation or discrimination

based on race/ethnicity, nationality, religion, age, gender, gender identity, sexual orientation, disability or appearance. Sexual harassment includes any unwelcome sexual advances or attention, whether physical, virtual or verbal. Harassment, discrimination or intimidation of any kind will not be tolerated.

This policy applies to all who participate in NRECA-sponsored Events including, but not limited to, attendees, NRECA staff, sponsors, vendors, guests, contractors, students and exhibitors. Participation constitutes agreement to comply with this policy as a condition of attendance.

Suspected violations of this policy should be reported to Event sponsor or any member of NRECA management while on site at the Event or as soon as possible. Violations involving NRECA staff, members or contractors should be reported to NRECA's Human Resources Department at humanresources@nreca.coop (mailto:humanresources@nreca.coop) or in person if after the Event.

All reports will be treated seriously and investigated promptly. At NRECA's sole discretion, policy violations may result in removal from or denial of access to NRECA-sponsored meetings, events and activities without refund of any applicable registration fee or other costs to the participant.

Photography Waiver Policy

By executing and submitting the Registration form, you acknowledge that you are authorized to agree to its terms on behalf of (1) yourself, (2) your employer or the entity on whose behalf you are registering, and (3) each of the individuals you are registering listed on the Registration form who are not minors (collectively "Registrants"). Registrants agree to allow NRECA to take and publish Registrants' likeness using still photograph or motion video ("Images") for use in the promotion of electric cooperatives, NRECA, and/or its affiliates in NRECA's sole discretion. Registrants grant NRECA a non-exclusive, worldwide, royalty-free, and perpetual (for the duration of the applicable copyright) license to copy, crop, alter, touch up, edit, publish, display and distribute Images in whole or in part on basis, to use the Images without limitation in displays, print or electronic publications, advertisements and web sites, and without prior notification or any compensation.

Information Disclosure Policy

By executing and submitting the Registration form, you acknowledge that you are authorized to agree to its terms on behalf of (1) yourself, (2) your employer or the entity on whose behalf you are registering and (3) each of the individuals you are registering listed on the Registration form who are not minors (collectively "Registrants"). Registrants understand that their contact information – name, co-op, co-op address or email – will be provided to the event sponsors, upon request, as a benefit of sponsorship. This information may be used by sponsors to provide registrants with information about their products and services.

Non-Member Eligibility & Registration Fee Policy

NRECA convenes several members-only meetings throughout the year, specifically the Annual Meeting, Regional Meeting and Legislative Conference. These meetings are for NRECA member

employees, directors and consultants only. By registering for and attending these meetings, the registrant acknowledges that he/she is one of these individuals and will not distribute or disclose information from any of these meetings to anyone other than these individuals. Requests to attend from non-members will be considered on a case-by-case basis. All such non-member requests to attend must be submitted in writing (email messages are acceptable) to contactcenter@nreca.coop (mailto:contactcenter@nreca.coop). NRECA's decision will be final and provided in writing. Non-members cannot register until permission has been granted. Additionally, non-members permitted to register must pay the non-member registration fee (50% higher than the member fee) and agree to abide by the Photography Waiver, Disclosure Policy and the Meeting, Event and Activity Conduct Policy. Substitutions are not allowed. No-shows and registrants failing to cancel prior to the first day of the meeting are responsible for paying the full registration fee and any pre-con, post-con workshops, courses, etc., if applicable. Special events or ticketed item fees are non-refundable. NRECA reserves the right to refuse or cancel ineligible registrations at any time and shall not be held accountable for any external fees associated with the cancellation.

Ineligible Registration Policy

All registrations are reviewed to ensure they meet the NRECA eligibility requirements. NRECA reserves the right to refuse or cancel all ineligible registrations at any time and shall not be held accountable for any external fees associated with any cancellation.

Side Meetings at NRECA Events Policy

NRECA understands that it may be convenient and economical to conduct various types of meetings in conjunction with an NRECA event. To the extent that such side meetings do not conflict with or detract from the NRECA event, these meetings are permissible. It is the policy of NRECA that no affiliate member, associate member, service member, sponsor, exhibitor, vendor and/or speaker will schedule and hold a side meeting (training meeting, demonstration meeting, member meeting, etc.) to which attendees of the NRECA event are invited to attend that conflicts with the NRECA program agenda. Side meetings by affiliate members, associate members, service members, sponsors, exhibitors, vendors and/or speakers may only be held during non-scheduled program times. Requests for meeting space held by NRECA in the event venue must be submitted in writing to the NRECA meeting planner for that event, along with the meeting title and description, desired room set-up, approximate number of participants, and meeting start and end times. The requestor understands that it will assume all costs – food and beverage, audiovisual equipment, labor, etc. – associated with the side meeting. NRECA does not make any guarantees regarding the availability of space for side meetings. To the extent that such space is available, requests will be considered on a first come, first served basis.

Exhibiting at NRECA Events Policy

NRECA understands that there are numerous benefits associated with exhibiting at NRECA sponsored events, including increased exposure, reinforcement of message, recognition, and many more. It is the policy of NRECA that only event sponsors – at any level – may exhibit at our conferences and meetings. In other words, event exhibitors must be sponsors of the event as well. The only exceptions to this policy are the TechAdvantage Conference & Expo and the

INTERACT Conference. Event sponsorship requests and requests for space to exhibit must be submitted to NRECA's business development staff. Requests will be considered on a first come, first served basis.

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

November 20, 2017
Monday
4:00 p.m.

SPECIAL BOARD OF DIRECTORS' MEETING

Recording Secretary: Arden Quezon-Vicente

I. CALL TO ORDER

Chair Reiser called the Special Board of Directors Meeting to order at 4:06 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

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

B. *Roll Call*
Board Members Present:
Janet Reiser, Chair
Bettina Chastain, Vice Chair
Jim Henderson, Secretary
Sisi Cooper, Treasurer
Susan Reeves, Director (*via teleconference*)
Harry Crawford, Director
Stuart Parks, Director

Guests and Staff in Attendance:

Lee Thibert	Julie Hasquet	Kurt Strunk,
Sherrri Highers	Connie Owens	NERA (<i>via teleconference</i>)
Brian Hickey	Tom Schulman	Mark Begich, Northern
Arthur Miller	James Bertrand,	Compass Group
Paul Risse	Stinson Leonard Street	

II. APPROVAL OF THE AGENDA

Director Parks moved and Director Crawford seconded the motion to approve the agenda. The motion passed unanimously.

III. PERSONS TO BE HEARD

A. *Member Comments*
None

IV. CEO REPORTS AND CORRESPONDENCE

None

V. DIRECTORS REPORTS

None

VI. UNFINISHED BUSINESS

None

VII. NEW BUSINESS

None

VIII. EXECUTIVE SESSION

A. Anchorage IRP

At 4:08 p.m., Director Crawford moved and Director Cooper seconded the motion that pursuant to Alaska Statute 10.25.175 (c) (1) and (3) the Board of Directors go into executive session to: 1) discuss and receive reports regarding financial matters, the immediate knowledge of which would clearly have an adverse effect on the finances of the cooperative; and, 2) discuss with its attorneys legal matters, the immediate knowledge of which could have an adverse effect on the legal position of the cooperative. The motion passed unanimously.

The meeting reconvened in open session at 7:50 p.m.

IX. DIRECTOR COMMENTS

Director comments were made at this time.

X. ADJOURNMENT

At 7:51 p.m., Director Cooper moved and Director Parks seconded the motion to adjourn. The motion passed unanimously.

James Henderson, Secretary
Date Approved: December 20, 2017

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

November 29, 2017
Wednesday
4:00 p.m.

REGULAR BOARD OF DIRECTORS' MEETING

Recording Secretary: Divina Portades

I. CALL TO ORDER

Chair Reiser called the Regular Meeting of the Board of Directors to order at 4:02 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

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

B. *Roll Call*
Board Members Present:
Janet Reiser, Chair
Bettina Chastain, Vice Chair
Jim Henderson, Secretary (*arrived at 4:14 p.m.*)
Sisi Cooper, Treasurer (*arrived at 4:03 p.m.*)
Susan Reeves, Director (*arrived at 4:05 p.m.*)
Harry Crawford, Director
Stuart Parks, Director

Guests and Staff in Attendance:

Lee Thibert	Arthur Miller	Todd McCarty
Paul Risse	Connie Owens	James Mullican
Sherri Highers	Sean Skaling	Teresa Kurka
Brian Hickey	Jody Wolfe	Jon Sinclair
Mark Johnson	Renee Curran	Russ Thornton
Julie Hasquet	Tom Schulman	Ron Vecera
Mark Fouts	Josh Travis	Todd Glass, WSGR (<i>via</i>
Taylor Crocker	Josh Resnick	<i>teleconference</i>)
Kathy Harris	Jean Kornmuller	

C. *Safety Minute*
Taylor Crocker, Sr. Safety Specialist discussed "*Holiday Safety*" and responded to questions from the Board.

Director Cooper arrived at 4:03 p.m.

Director Reeves arrived at 4:05 p.m.

II. APPROVAL OF THE AGENDA

Director Reeves moved and Director Cooper seconded the motion to approve the agenda. The motion passed unanimously.

Director Henderson was not present at the time of vote.

III. PERSONS TO BE HEARD

- A. *Member Comments*
None

IV. CONSENT AGENDA

- A. *Board Calendar*
- B. *Training and Conferences*
 - 1. *2018 NRECA Annual Meeting, February 22-28, 2018, Nashville TN (Deadline for conference and hotel registration is January 19, 2018)*
- C. *Minutes*
 - 1. *October 25, 2017, Regular Board of Directors' Meeting (Quezon-Vicente)*
- D. *Director Expenses*
- E. *Discounting 2018 Capital Credits Payments (S. Highers)*
- F. *2018 Operating and Capital Budget (S. Highers)*

Director Parks moved and Director Cooper seconded the motion to approve the consent agenda. The motion passed unanimously.

Director Henderson was not present at the time of vote.

Chair Reiser stated that she will submit her resignation effective December 31, 2017 at the December 2017 Board meeting.

V. CEO REPORTS AND CORRESPONDENCE

- A. *3rd Quarter 2017 Key Metrics Dashboard (Thibert)*
The 3rd Quarter 2017 Key Metrics Dashboard was provided in the meeting packet.
- B. *Annual Member Survey (Hasquet)*
The Annual Member Survey was provided in the meeting packet.

Director Reeves and Chair Reiser commented on the member survey.

- C. *2017 Capital Credit Retirement Update (Andrews)*
The 2017 Capital Credit Retirement Update was provided in the meeting packet.

VI. DIRECTOR REPORTS

- A. *Alaska Railbelt Cooperative Transmission & Electric Company (ARCTEC) Report*

Lee Thibert, Chief Executive Officer (CEO) reported on the November ARCTEC meeting.

Director Crawford also reported on the November ARCTEC meeting and deferred further discussion in the Executive Session.

- B. Board Committee Reports (Audit and Finance, Operations & Governance)*
Director Cooper reported on the November 6th & 27th, 2017, Audit and Finance Committee Meetings.

Vice Chair Chastain reported on the November 28, 2017, Operations Committee Meeting.

Director Henderson arrived at 4:14 p.m.

Director Reeves stated that there is none to report on the Governance Committee Meeting.

- C. Other Meeting Reports*
Director Cooper reported on the November 3, 2017, REAP Board meeting.

Chair Reiser, stated that any discussion on the REAP voting be deferred to Executive Session.

Chair Reiser reported on the REAP testimonial for their funding.

VII. UNFINISHED BUSINESS

None

VIII. NEW BUSINESS

- A. Appointments to 2018 Bylaws Committee* (Board)*
Director Reeves moved and Director Crawford seconded the motion that the Board of Directors appoint Frank Gwartney to “B” term on the Bylaws Committee. The motion passed unanimously.
- B. Appointments to 2018 Election Committee* (Board)*
Director Reeves moved and Director Crawford seconded the motion that Board of Directors appoint Louis Theiss to “B” term and Stacey Horn and Esther Cox to the “A” term on the Election Committee. The motion passed unanimously.
- C. Appointments to 2018 Nominating Committee* (Board)*
Director Reeves moved and Director Chastain seconded the motion that the Board of Directors appoint Ashley Johnson to a “A” term on the Nominating Committee. The motion passed unanimously.
- D. Procurement of Switchgear for DeBarr Substation* (Sinclair/Hickey)*
Director Reeves moved and Director Crawford seconded the motion that the Board of Directors authorize the Chief Executive Officer to execute a contract

for 34.5 kV and 12.5 kV switchgear with Myers Power Products, Inc. The motion passed unanimously.

E. Battle Creek Project Confirmation (S. Highers)*

Director Parks moved and Director Chastain seconded the motion that the Board of Directors confirm the authorization for the Chief Executive Officer (CEO) to participate in the Battle Creek Diversion Project, securing its full share plus such additional unsubscribed shares as may be available, at an estimated cost to Chugach between \$14.3 and \$47.0 million, subject to final participation decisions.

Sherri Highers, Chief Financial Officer (CFO) & VP, Finance and Administration and Lee Thibert, CEO gave an overview and summary of the Battle Creek Diversion project and responded to questions from the Board.

After discussion, Chair Reiser called for a vote. The motion passed unanimously.

F. Simplified Rate Filing – September 2017 Test Year (Kornmuller/Miller)*

Director Cooper moved and Director Reeves seconded the motion that the Board of Directors approve the Resolution authorizing filing with the RCA Chugach's September 2017 test year SRF requesting approval to increase demand and energy rates by 0.4 percent to Chugach retail and 0.2 percent to the wholesale class of Seward Electric System for rates effective February 1, 2018. The motion passed unanimously.

*G. National Association of Corporate Directors Membership** (Board)*

Director Henderson moved and Director Crawford seconded the motion that the Board of Directors approve the National Association of Corporate Directors membership.

Director Henderson and Brian Hickey, Sr. VP, System Operations discussed the National Association of Corporate Directors membership and responded to questions from the Board.

Director Reeves offered a friendly amendment to the motion to add a phrase “with target expenditure for 2018 calendar year not to exceed \$20,000” after the word “membership”.

Directors Henderson and Crawford accepted Director Reeves' friendly amendment to the motion to read as follows: Board of Directors approve the National Association of Corporate Directors membership with target expenditure for 2018 calendar year not to exceed \$20,000.

After discussion, Chair Reiser called for a vote. The motion passed unanimously, as amended.

IX. EXECUTIVE SESSION

A. Strategic Planning

At 5:06 p.m., Director Crawford moved and Director Reeves seconded the motion that pursuant to Alaska Statute 10.25.175 (c)(1) and (3) the Board of Directors go into executive session to: 1) discuss and receive reports regarding financial matters, the immediate knowledge of which would clearly have an adverse effect on the finances of the cooperative; and, 2) discuss with its attorneys and receive reports upon legal matters that are attorney/client privileged, the immediate knowledge of which could have an adverse effect on the legal position of the cooperative. The motion passed unanimously.

The meeting reconvened in open session at 6:41 p.m.

X. NEW BUSINESS

A. Approve Vision, Mission and Value Statements (Miller)*

Director Reeves moved and Director Crawford seconded the motion that the Board of Directors approve the Resolution updating the Association's vision, mission and value statements as described herein. The motion passed unanimously.

B. Building G Lease Extension (Risse)*

Director Chastain moved and Director Cooper seconded the motion that the Board of Directors hereby authorizes the Chief Executive Officer to issue an addendum to the current Building G Lease with AMP Industries, extending the lease, five years, from its current termination date of December 31, 2018, to December 31, 2023; thereby, increasing the total cost of the lease in the amount of \$1,080,000. The motion passed unanimously.

C. Approve 2018 Strategic Plan (Miller)*

Director Cooper moved and Director Chastain seconded the motion that the Board of Directors approve Chugach Electric Association, Inc.'s 2018 Strategic Plan as discussed in Executive Session. The motion passed unanimously.

D. Eklutna Resolution (Thibert)*

Director Reeves moved and Director Parks seconded the motion to approve the Eklutna Resolution as discussed in Executive Session. The motion passed unanimously.

XI. DIRECTOR COMMENTS

Director comments were made at this time.

XII. ADJOURNMENT

At 6:47 p.m., Director Cooper moved and Director Chastain seconded the motion to adjourn. The motion passed unanimously.

James Henderson, Secretary

Date Approved: December 20, 2017

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

December 1, 2017
Friday
5:00 p.m.

SPECIAL BOARD OF DIRECTORS' MEETING

Recording Secretary: Divina Portades

I. CALL TO ORDER

Chair Reiser called the Special Board of Directors Meeting to order at 5:00 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

A. Roll Call

Board Members Present:

Janet Reiser, Chair

Bettina Chastain, Vice Chair

Jim Henderson, Secretary

Sisi Cooper, Treasurer (*via teleconference, time not noted*)

Susan Reeves, Director (*via teleconference*)

Stuart Parks, Director (*via teleconference at 5:03 p.m.*)

Board Member Excused Absent:

Harry Crawford, Director

Guests and Staff in Attendance:

Lee Thibert

Connie Owens

Arthur Miller

Sherri Highers

Julie Hasquet

James Bertrand,

Brian Hickey

Tom Schulman

Stinson Leonard Street (*via*

Tyler Andrews

Paul Risse

teleconference)

II. APPROVAL OF THE AGENDA

Director Chastain moved and Director Henderson seconded the motion to approve the agenda. The motion passed unanimously.

Directors Cooper and Parks were not present at the time of vote.

III. PERSONS TO BE HEARD

A. Member Comments

None

IV. CEO REPORTS AND CORRESPONDENCE

None

V. DIRECTORS REPORTS

None

VI. UNFINISHED BUSINESS

None

VII. NEW BUSINESS

None

VIII. EXECUTIVE SESSION

A. Anchorage IRP

At 5:01 p.m., Director Chastain moved and Director Henderson seconded the motion that pursuant to Alaska Statute 10.25.175 (c) (1) and (3) the Board of Directors go into executive session to: 1) discuss and receive reports regarding financial matters, the immediate knowledge of which would clearly have an adverse effect on the finances of the cooperative; and, 2) discuss with its attorneys legal matters, the immediate knowledge of which could have an adverse effect on the legal position of the cooperative. The motion passed unanimously.

Directors Cooper and Parks were not present at the time of vote.

Director Parks joined via teleconference at 5:03 p.m.

Director Cooper joined via teleconference and time was not noted.

The meeting reconvened in open session at 5:36 p.m.

IX. DIRECTOR COMMENTS

Director comments were made at this time.

X. ADJOURNMENT

At 5:37 p.m., Director Chastain moved and Director Henderson seconded the motion to adjourn. The motion passed unanimously.

James Henderson, Secretary

Date Approved: December 20, 2017

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

December 4, 2017
Monday
12:00 p.m.

SPECIAL BOARD OF DIRECTORS' MEETING

Recording Secretary: Arden Quezon-Vicente

I. CALL TO ORDER

Chair Reiser called the Special Board of Directors Meeting to order at 12:02 p.m. in the boardroom of Chugach Electric Association, Inc., 5601 Electron Drive, Anchorage, Alaska.

A. Roll Call

Board Members Present:

Janet Reiser, Chair
Bettina Chastain, Vice Chair (*via teleconference*)
Jim Henderson, Secretary (*via teleconference*)
Sisi Cooper, Treasurer
Susan Reeves, Director (*via teleconference*)
Harry Crawford, Director (*arrived at 12:06 p.m.*)
Stuart Parks, Director

Guests and Staff in Attendance:

Lee Thibert	Mark Fouts	Kurt Strunk,
Sherri Highers	Julie Hasquet	NERA (<i>via teleconference</i>)
Brian Hickey	Divina Portades	James Bertrand,
Arthur Miller	Tom Schulman	Stinson Leonard Street (<i>via</i>
Paul Risse	Tyler Andrews	<i>teleconference</i>)

II. APOVAL OF THE AGENDA

Director Cooper moved and Director Parks seconded the motion to approve the agenda. The motion passed unanimously.

Director Crawford was not present at the time of vote.

III. PERSONS TO BE HEARD

A. Member Comments
None

IV. CEO REPORTS AND CORRESPONDENCE

None

V. DIRECTORS REPORTS

None

VI. UNFINISHED BUSINESS

None

VII. NEW BUSINESS

None

VIII. EXECUTIVE SESSION

A. Anchorage IRP

At 12:04 p.m., Director Crawford moved and Director Cooper seconded the motion that pursuant to Alaska Statute 10.25.175 (c) (1) and (3) the Board of Directors go into executive session to: 1) discuss and receive reports regarding financial matters, the immediate knowledge of which would clearly have an adverse effect on the finances of the cooperative; and, 2) discuss with its attorneys legal matters, the immediate knowledge of which could have an adverse effect on the legal position of the cooperative. The motion passed unanimously.

Director Crawford was not present at the time of vote.

Director Crawford arrived at 12:06 p.m.

The meeting reconvened in open session at 2:06 p.m.

Chair Reiser requested to add New Business IX.A. Anchorage IRP during the executive session.

IX. NEW BUSINESS

*A. Anchorage IRP**

Director Crawford moved and Director Cooper seconded the motion that the Board of Directors' authorize the Chief Executive Officer to enter into negotiations consistent with the term sheet as discussed in Executive Session. Chair Reiser called for a vote and the motion passed unanimously.

X. DIRECTOR COMMENTS

Director comments were made at this time.

XI. ADJOURNMENT

At 2:09 p.m., Director Cooper moved and Director Parks seconded the motion to adjourn. The motion passed unanimously.

James Henderson, Secretary

Date Approved: December 20, 2017

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

December 20, 2017

ACTION REQUIRED

AGENDA ITEM NO. IV.D.

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

TOPIC

Director Expenses

DISCUSSION

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

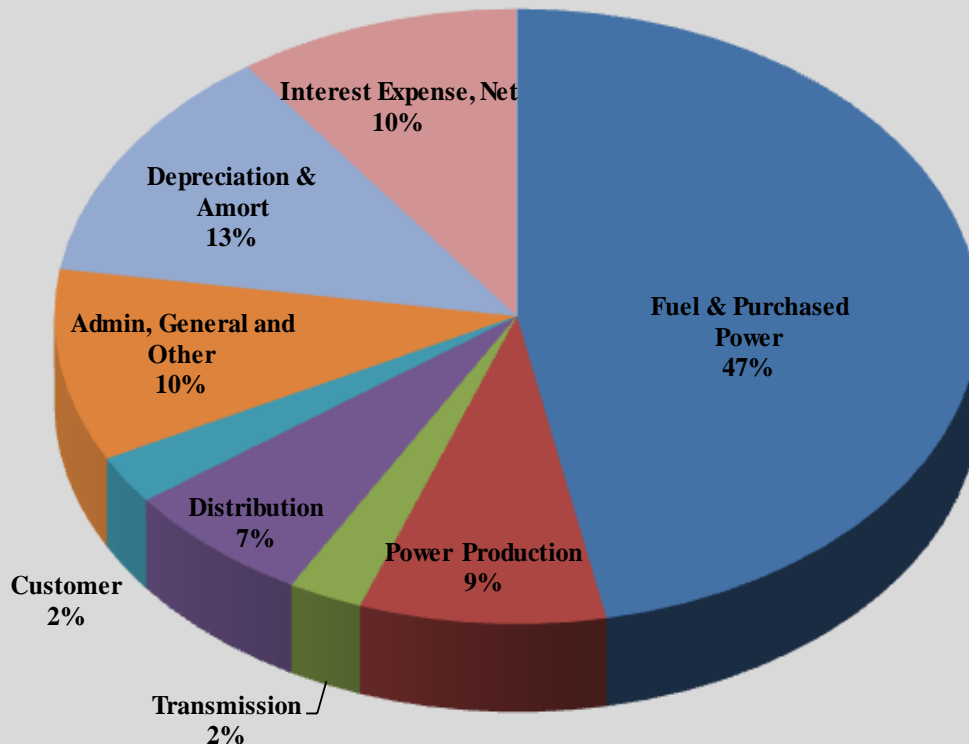
MOTION

(Consent Agenda)

STATEMENT OF OPERATIONS

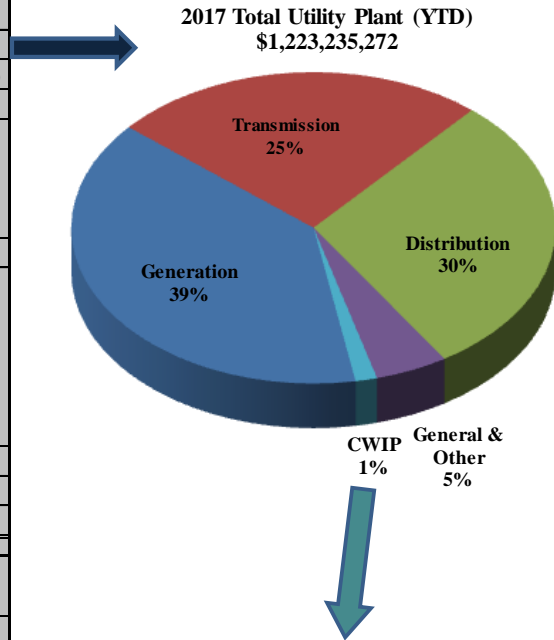
CATEGORY	2017 MTD ACTUAL	2017 MTD BUDGET	2017 MTD VARIANCE
Operating Revenue and Patronage Capital	\$ 19,337,865	\$ 17,958,456	\$ 1,379,409
Fuel and Purchased Power Expense	8,803,549	6,877,081	1,926,468
Power Production Expense	1,615,378	1,432,816	182,562
Transmission Expense	487,703	587,144	(99,441)
Distribution Expense	1,254,464	1,122,394	132,070
Customer Expense	479,367	518,260	(38,893)
Administrative, General and Other	1,897,858	2,026,990	(129,132)
Depreciation & Amortization Expense	2,371,121	2,677,202	(306,081)
Interest Expense, Net	1,862,018	1,840,775	21,243
Total Cost of Electric Service	\$ 18,771,458	\$ 17,082,662	\$ 1,688,796
Patronage Capital & Operating Margins	\$ 566,407	\$ 875,794	\$ (309,387)
Non-Operating Margins - Interest	53,231	27,803	25,428
Allowance for Funds Used During Construction	7,679	5,880	1,799
Non-Operating Margins - Other	(7,338)	-	(7,338)
Patronage Capital or Margins	\$ 619,979	\$ 909,477	\$ (289,498)

Total Cost of Electric Service (MTD Actual)

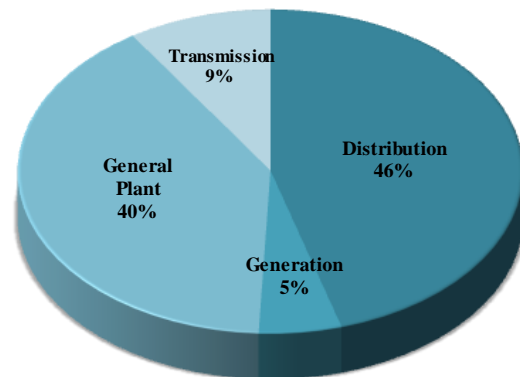


BALANCE SHEET

ASSETS & OTHER DEBITS	10/31/2017	12/31/16
Electric Plant in Service	1,205,487,242	1,192,513,869
Construction Work in Progress	17,748,030	18,455,940
Total Utility Plant	\$ 1,223,235,272	\$ 1,210,969,809
Accum. Prov. for Depreciation/Amortization	(512,845,090)	(496,098,131)
Net Utility Plant	\$ 710,390,182	\$ 714,871,678
Nonutility Property - Net	76,889	76,889
Investment in Assoc. Organizations	8,980,409	9,349,311
Special Funds	1,137,189	907,836
Restricted Cash & Other Investments	1,214,924	3,871,993
Total Other Property & Investments	\$ 11,409,411	\$ 14,206,029
Cash, Marketable Securities & Other	15,105,252	12,048,316
Special Deposits/Restricted Cash	791,817	975,665
Accounts Receivable - Net	28,866,688	33,000,919
Materials and Supplies, Fuel Stock	24,932,118	34,210,843
Prepayments	4,594,149	1,407,026
Other Current & Accrued Assets	2,552,083	294,697
Total Current & Accrued Assets	\$ 76,842,107	\$ 81,937,466
Deferred Debits	35,863,796	25,140,957
Total Assets & Other Debits	\$ 834,505,496	\$ 836,156,130
LIABILITIES & OTHER CREDITS	10/31/2017	12/31/16
Memberships	1,715,469	1,691,014
Pat. Capital, Margins & Equities	182,966,289	183,824,511
Total Margins & Equities	\$ 184,681,758	\$ 185,515,525
Long-Term Debt - Bonds	421,833,331	405,249,998
Long-Term Debt - Other	37,164,000	40,356,000
Unamortized Debt Issuance Costs	(2,715,014)	(2,715,745)
Total Long-Term Debt	\$ 456,282,317	\$ 442,890,253
Notes Payable	74,608,667	93,036,667
Accounts Payable	9,911,795	9,618,630
Consumer Deposits	5,529,234	5,207,585
Other Current & Accrued Liabilities	28,058,302	26,532,912
Total Current & Accrued Liabilities	\$ 118,107,998	\$ 134,395,794
Deferred Compensation	1,137,189	907,836
Other Liabilities, Non-Current	874,454	655,277
Deferred Liabilities	1,447,071	1,179,414
Patronage Capital Payable	10,798,076	12,008,499
Cost of Removal Obligation	61,176,633	58,603,532
Total Liabilities & Other Credits	\$ 834,505,496	\$ 836,156,130

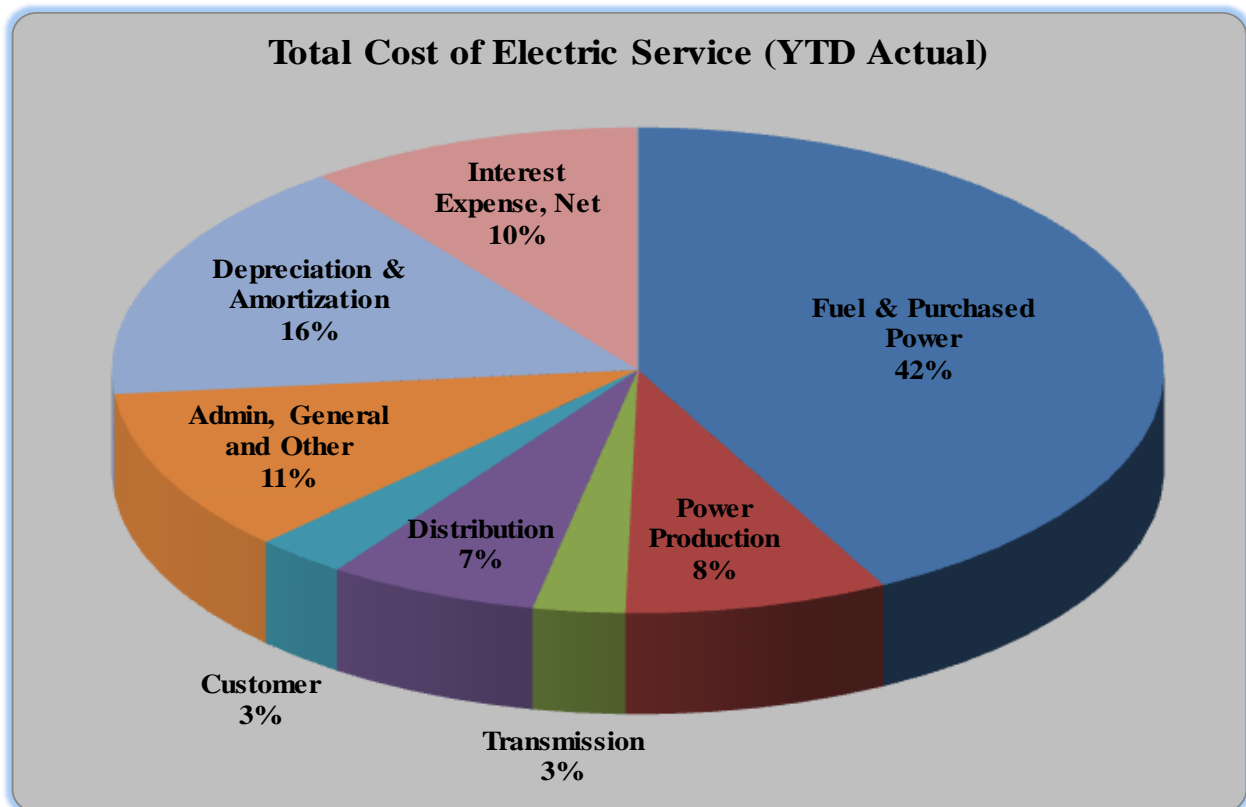


2017 Construction Work in Progress (YTD)
\$17,748,030



**COMPARATIVE FINANCIAL REPORT
STATEMENT OF OPERATIONS
CURRENT YTD ACTUAL TO BUDGET VARIANCE**

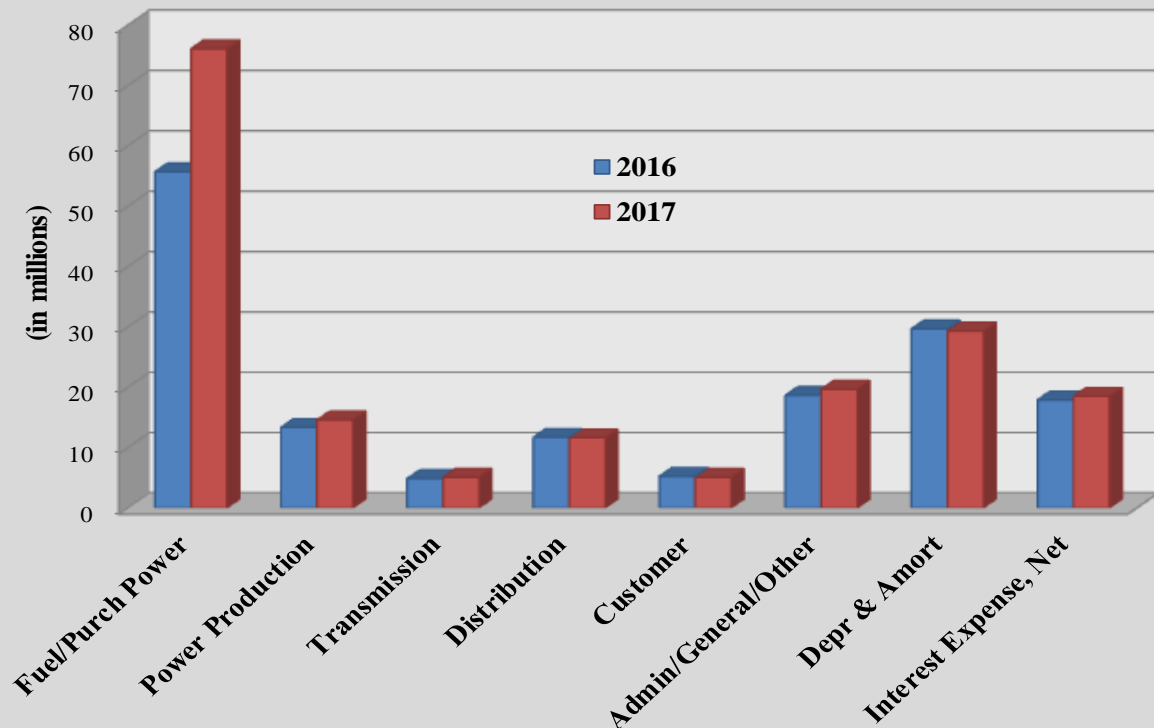
CATEGORY	2017 YTD ACTUAL	2017 YTD BUDGET	2017 YTD VARIANCE
Operating Revenue and Patronage Capital	\$ 181,091,603	\$ 175,323,136	\$ 5,768,467
Fuel and Purchased Power Expense	76,030,287	68,651,750	7,378,537
Power Production Expense	14,567,255	14,740,235	(172,980)
Transmission Expense	5,085,976	6,052,439	(966,463)
Distribution Expense	11,623,237	11,164,784	458,453
Customer Expense	5,059,583	5,231,940	(172,357)
Administrative, General and Other	19,674,600	20,186,726	(512,126)
Depreciation & Amortization Expense	29,308,085	29,990,033	(681,948)
Interest Expense, Net	18,487,489	18,199,524	287,965
Total Cost of Electric Service	\$ 179,836,512	\$ 174,217,431	\$ 5,619,081
Patronage Capital & Operating Margins	\$ 1,255,091	\$ 1,105,705	\$ 149,386
Non-Operating Margins - Interest	524,269	273,225	251,044
Allowance Funds Used During Const.	52,898	90,319	(37,421)
Non-Operating Margins - Other	97,711	-	97,711
Patronage Capital or Margins	\$ 1,929,969	\$ 1,469,249	\$ 460,720
MFI/I	1.10	1.08	
TIER	1.11	1.08	

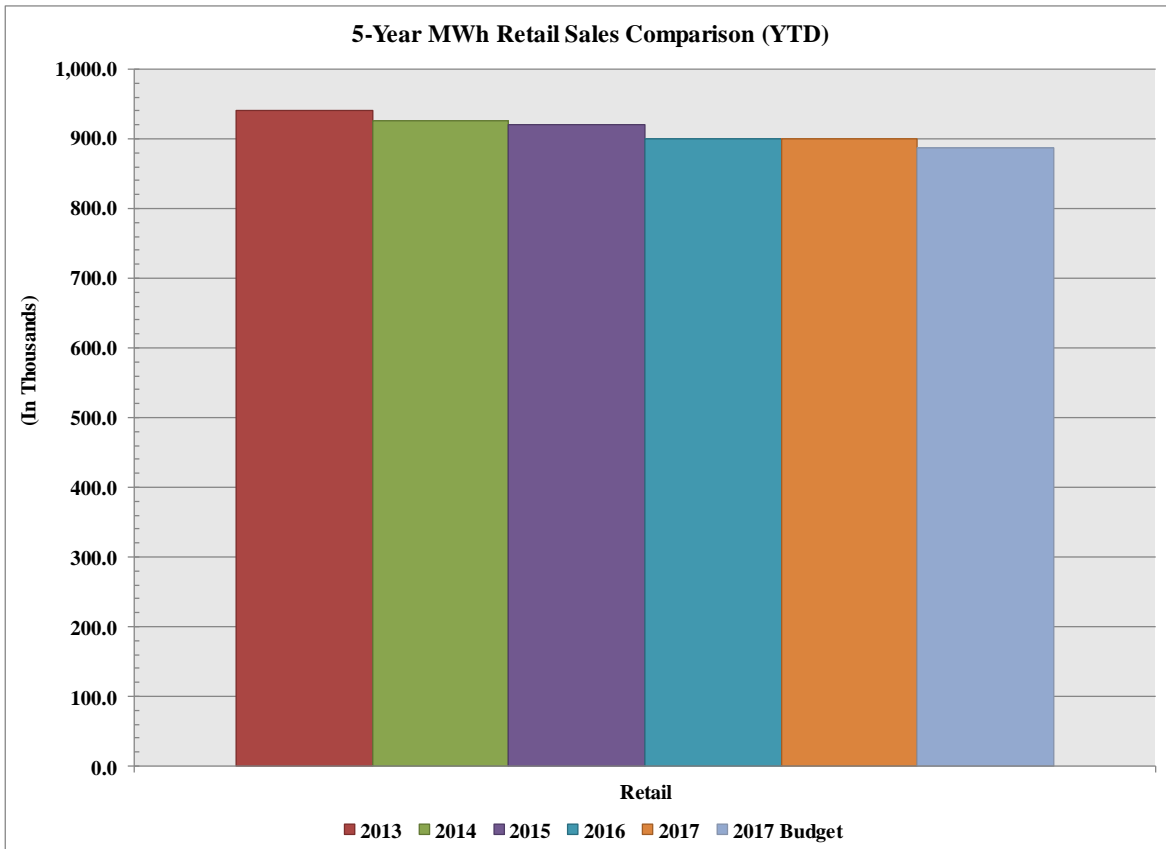
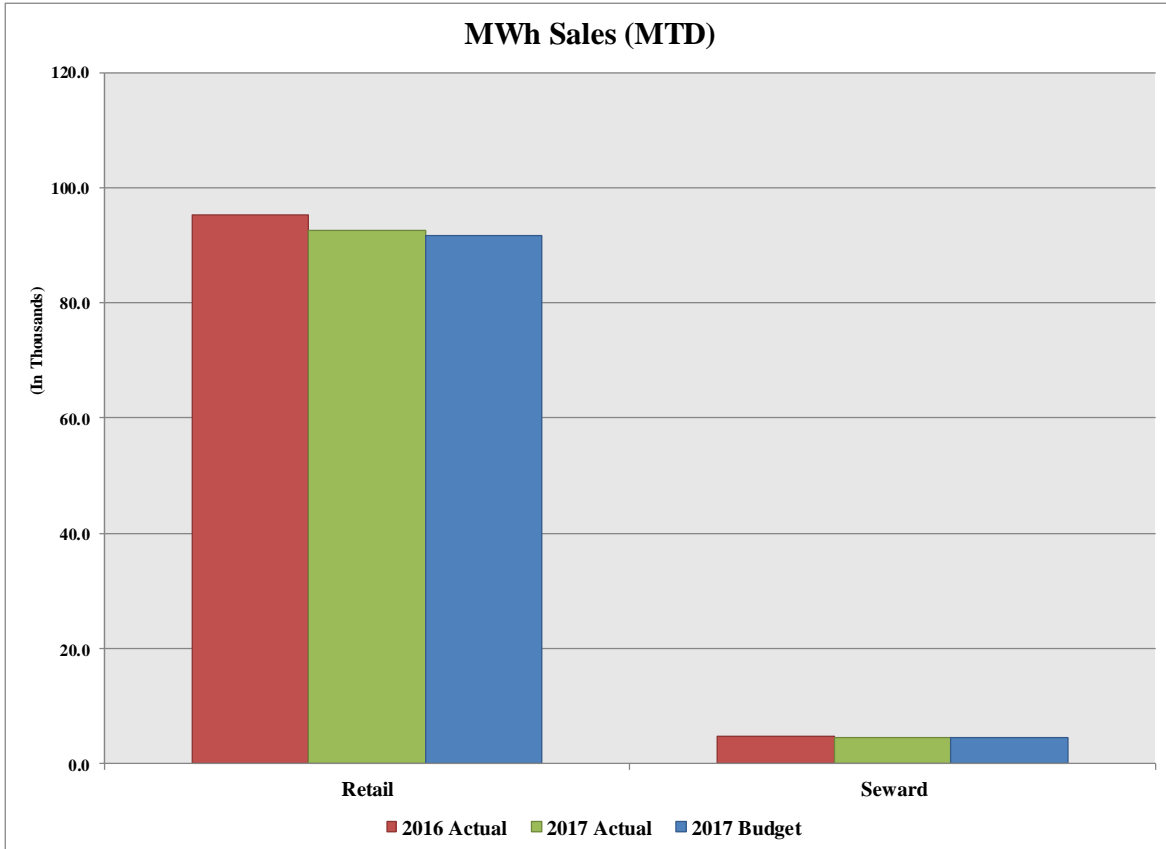


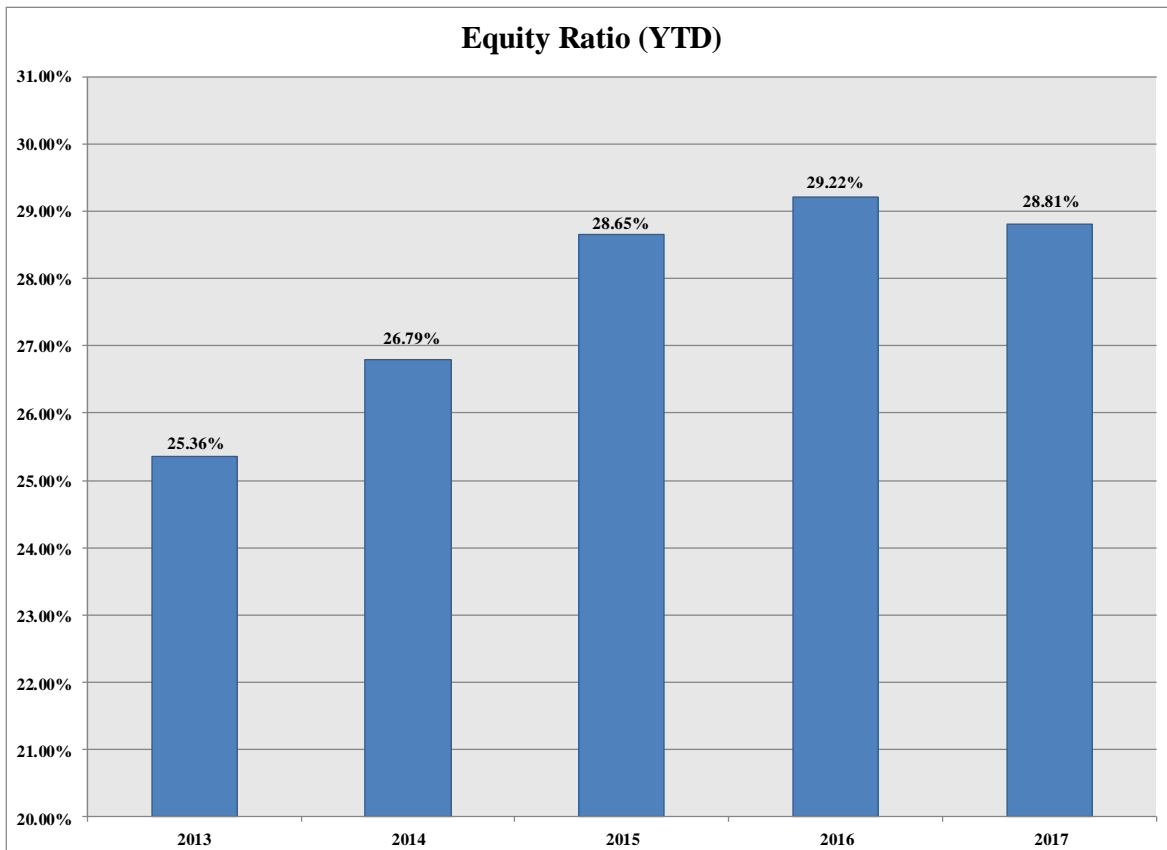
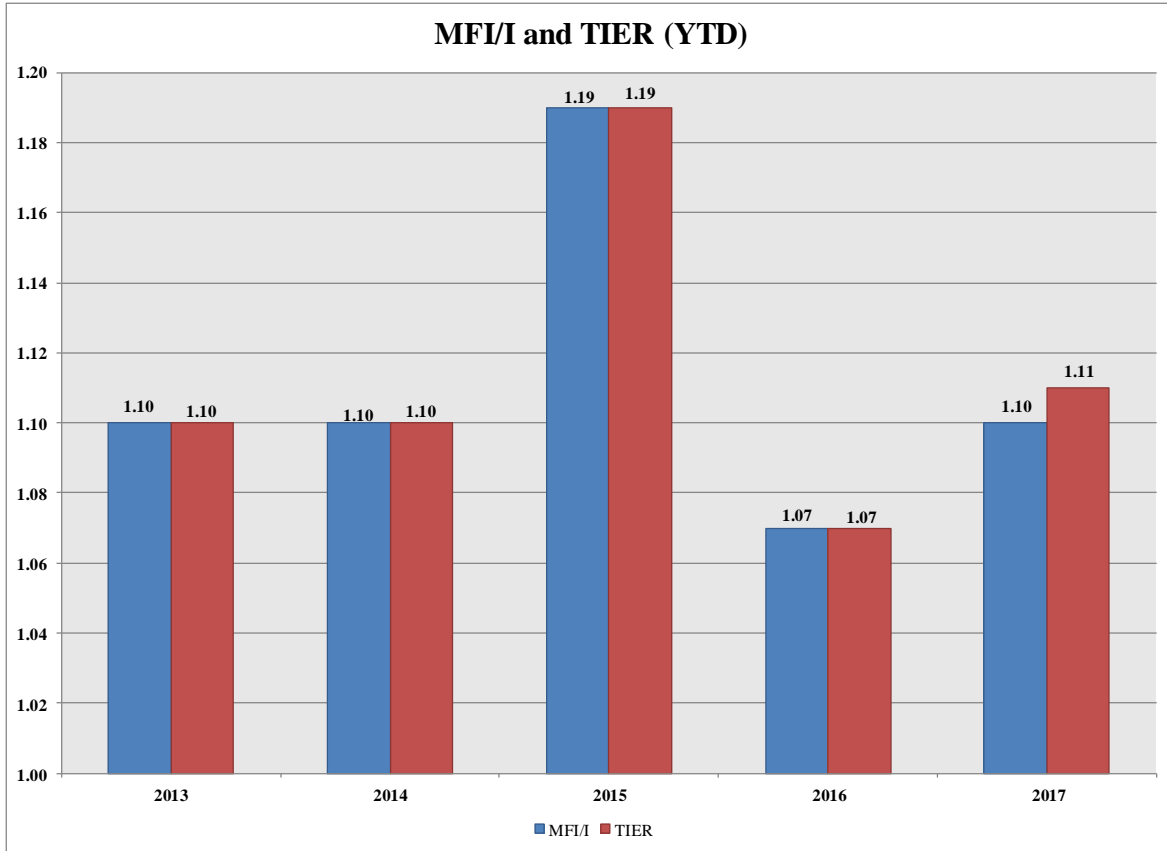
COMPARATIVE FINANCIAL REPORT STATEMENT OF OPERATIONS CURRENT TO PRIOR YTD ACTUAL

CATEGORY	2017 YTD ACTUAL	2016 YTD ACTUAL
Operating Revenue and Patronage Capital	\$ 181,091,603	\$ 157,854,146
Fuel and Purchased Power Expense	76,030,287	55,662,460
Power Production Expense	14,567,255	13,339,810
Transmission Expense	5,085,976	4,852,496
Distribution Expense	11,623,237	11,698,409
Customer Expense	5,059,583	5,239,637
Administrative, General and Other	19,674,600	18,642,660
Depreciation and Amortization Expense	29,308,085	29,652,662
Interest Expense, Net	18,487,489	17,897,370
Total Cost of Electric Service	\$ 179,836,512	\$ 156,985,504
Patronage Capital & Operating Margins	\$ 1,255,091	\$ 868,642
Non-Operating Margins - Interest	524,269	304,834
Allowance for Funds Used During Construction	52,898	125,402
Non-Operating Margins - Other	97,711	(15,094)
Patronage Capital or Margins	\$ 1,929,969	\$ 1,283,784
MFI/I	1.10	1.07
TIER	1.11	1.07

Cost of Electric Service (YTD)







ENERGY SALES (kWh)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Retail Energy Sales	899,533,727	887,144,587
Wholesale Energy Sales	<u>50,093,760</u>	<u>48,197,850</u>
Total Firm Energy Sales	949,627,487	935,342,437
Economy Energy Sales	<u>36,948,000</u>	<u>0</u>
Total Energy Sales	986,575,487	935,342,437

Firm energy sales totaled 949,627,487 kWh, which were 1.5% over budget. Retail energy sales were over budget 1.4% and wholesale energy sales were over budget by 3.9%, primarily associated with higher sales due to colder than anticipated weather.

Economy energy sales totaled 36,948,000 kWh which were 100% over budget due to unanticipated sales to Golden Valley Electric Association (GVEA), Matanuska Electric Association (MEA), and Homer Electric Association (HEA).

ENERGY REVENUE (in millions)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Retail Revenue	\$ 159.1	\$ 160.4
Wholesale Revenue	<u>4.8</u>	<u>4.8</u>
Total Firm Revenue	163.9	165.2
Economy Energy Revenue	3.6	0.0
Other Operating Revenue	<u>13.6</u>	<u>10.1</u>
Total Revenue	\$ 181.1	\$ 175.3

Revenue from firm sales totaled \$163.9 million compared to \$165.2 million in the budget. Firm revenue was lower than expected primarily due to lower than anticipated large commercial sales, which was somewhat offset by higher than anticipated residential sales. In addition, although higher fuel was recovered in revenue, the amount collected from firm customers was offset by the impact of more economy energy and wheeling revenue.

Economy energy revenue totaled \$3.6 million due to unanticipated sales to GVEA, MEA, and HEA. Other operating revenue includes late fees, pole rental, wheeling, microwave, BRU sales and royalties, miscellaneous service and other electric revenue. Other operating revenue totaled \$13.6 million compared to \$10.1 million in the budget, primarily due to higher than anticipated wheeling revenue.

FUEL AND PURCHASED POWER (in millions)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Fuel	\$ 62.9	\$ 52.4
Purchased Power	<u>13.1</u>	<u>16.3</u>
Total	\$ 76.0	\$ 68.7

Fuel expense includes fuel, storage, transportation, and BRU operating costs. Fuel expense was \$62.9 million compared to \$52.4 million projected in the budget. This variance was due, in part, to higher than anticipated fuel consumption as a result of increased sales coupled with less efficient generation units used as a result of lower than anticipated power available to purchase from ML&P.

Actual fuel purchased for production was 7,198,725 MCF at an average effective delivered price of \$7.93 per MCF, compared to 5,927,521 MCF in the budget at an average effective delivered price of \$7.83 per MCF.

Purchased power expense represents energy purchased from Bradley Lake, Fire Island, and other utilities as needed, as well as costs associated with dispatching. Purchased power expense was \$13.1 million compared to \$16.3 million in the budget. This variance was primarily due to lower than anticipated purchases from ML&P which was somewhat offset by more purchases from MEA. Also contributing to this variance was a refund from Alaska Energy Authority (AEA) associated with Bradley Lake which contributed to a lower average effective price per kWh .

Actual energy purchased was 189,173 MWh at an average effective price of 5.61 cents per kWh compared to 192,053 MWh budgeted at an average effective price of 7.21 cents per kWh.

POWER PRODUCTION (in millions)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Total Power Production	\$ 14.6	\$ 14.7

Power production expense was \$14.6 million compared to \$14.7 million in the budget, with no significant variance.

TRANSMISSION OPERATIONS AND MAINTENANCE (in millions)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Total Transmission	\$ 5.1	\$ 6.1

Transmission operations and maintenance expense was \$5.1 million compared to \$6.1 million in the budget, primarily due to lower than anticipated labor associated with changes in scheduled maintenance from transmission to distribution and more than expected labor expended on capital projects.

DISTRIBUTION OPERATIONS AND MAINTENANCE (in millions)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Total Distribution	\$ 11.6	\$ 11.2

Distribution operations and maintenance expense was \$11.6 million compared to \$11.2 million in the budget. This variance is primarily due to increased labor expense due to the change in scheduled maintenance from transmission to distribution. This was somewhat offset by lower than anticipated vegetation control and allocated costs.

CONSUMER ACCOUNTS / CUSTOMER INFORMATION (in millions)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Total Consumer / Customer Information	\$ 5.1	\$ 5.2

Consumer accounts and customer information expense was \$5.1 million compared to \$5.2 million in the budget, with no significant variance.

ADMINISTRATIVE, GENERAL AND OTHER (in millions)

	<u>YTD Actual</u>	<u>YTD Budget</u>
Administrative, General and Other	\$ 19.7	\$ 20.2

Administrative, general and other expense includes tax, donations, other deductions associated with preliminary survey and investigation charges of projects, and obsolete inventory write-offs that are not attributable to operating or maintenance accounts, which was \$19.7 million compared to \$20.2 million in the budget. This variance was primarily due to lower than anticipated building maintenance expenses.

SUMMARY

Depreciation, interest, and interest during construction expense totaled \$47.8 million compared to \$48.2 million in the budget, with no significant variance.

All of the foregoing expenses resulted in total cost of electric service of \$179.8 million compared to \$174.2 million in the budget.

Non-operating margins include allowance for funds used during construction (AFUDC), capital credit and patronage capital allocations, extraordinary items, and interest income. Non-operating margins totaled \$0.7 million compared to \$0.4 million in the budget primarily due to higher interest and dividend income and the gain in the value of marketable securities.

The net result of revenue and expenses was margins of \$1.9 million compared to projected margins of \$1.5 million in the budget. The current forecast projects year-end margins of \$5.7 million and an MFI/I of 1.26.

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

CATEGORY	2017 APPROVED BUDGET	2017 AMENDED BUDGET	2017 YTD ACTUALS	2017 REVISED FORECAST
Operating Revenue and Patronage Capital	\$ 214,142,698	\$ 215,797,542	\$ 181,091,603	\$ 221,566,009 ¹
Fuel and Purchased Power Expense	84,787,639	84,787,639	76,030,287	92,166,176 ¹
Power Production Expense	17,255,632	17,824,312	14,567,255	17,651,332 ¹
Transmission Expense	7,235,161	7,235,161	5,085,976	6,200,503 ^{1 2}
Distribution Expense	13,466,026	13,466,026	11,623,237	13,924,479 ¹
Customer Expense	6,315,719	6,315,719	5,059,583	6,126,126 ^{1 2}
Administrative, General & Other	23,942,288	23,942,288	19,674,600	23,738,067 ²
Depreciation and Amortization Expense	35,344,430	35,344,430	29,308,085	34,594,287 ^{1 2}
Interest Expense, Net	20,794,273	21,880,437	18,487,489	22,168,402 ¹
Total Cost of Electric Service	\$ 209,141,168	\$ 210,796,012	\$ 179,836,512	\$ 216,569,373
Patronage Capital & Operating Margins	\$ 5,001,530	\$ 5,001,530	\$ 1,255,091	\$ 4,996,636
Non-Operating Margins - Interest	328,028	328,028	524,269	579,072 ¹
Allowance for Funds Used During Construction	100,029	100,029	52,898	62,608 ¹
Non-Operating Margins - Other	571,586	571,586	97,711	97,711 ²
Patronage Capital or Margins	\$ 6,001,173	\$ 6,001,173	\$ 1,929,969	\$ 5,736,027
MFI/I	1.28	1.27	1.10	1.26
TIER	1.30	1.28	1.11	1.27

¹ Forecast based on 10 month actual and 2 month forecast

² Forecast has been adjusted to reflect known and measurable changes

Chugach Electric Association, Inc.
Anchorage, Alaska

December 20, 2017

TO: Chugach Board of Directors

FROM: Lee D. Thibert, Chief Executive Officer

SUBJECT: *Railbelt Electric Utility Bill Comparison: Rates Effective Fourth Quarter 2017*

Chugach Electric Association, Inc.'s (Chugach) retail rates remain among the lowest of the Railbelt utilities. On a total residential customer bill basis, the bill levels of Homer Electric Association, Inc. (HEA), Golden Valley Electric Association, Inc. (GVEA), and Matanuska Electric Association, Inc. (MEA) are higher than Chugach by 26 percent, 21 percent, and 11 percent, respectively. However, Municipal Light and Power's (ML&P) residential customer bill levels are 6 percent lower than Chugach, due entirely to the cost of fuel.

Chugach has the lowest rates for small commercial customers based on typical usage levels. Chugach has the second lowest large commercial rates behind ML&P. As illustrated in Figure 2, Chugach has the lowest base rates of all Railbelt utilities.

Comparison of Results

The average Chugach residential bill, which includes fuel and purchased power costs, increased by 1.8 percent from third to fourth quarter 2017. The increase is due to increases in both the base energy rate and the fuel and purchased power rate. Chugach's fourth quarter residential bill of \$119.75 compares with bill totals of \$150.57 for HEA, \$144.63 for GVEA, \$133.10 for MEA, and \$112.33 for ML&P. Below is a summary of rate changes at other Railbelt electric utilities since last quarter.

- HEA's retail rate levels decreased 1.6 percent due to a reduction in HEA's quarterly Cost of Power Adjustment (COPA) factor for rates effective in third quarter 2017. The COPA rate is used exclusively for the recovery of fuel and purchased power costs. There were no changes to HEA's base demand and energy rates.
- GVEA retail bill levels increased approximately 0.3 percent due to a slight increase to its COPA rate. There were no changes to GVEA's base demand and energy rates.
- ML&P retail bill levels decreased approximately 2.5 percent as a result of a reduction to the COPA rate. There were no changes to ML&P's base demand and energy rates.
- MEA retail bills increased approximately 6 percent due to an increase to its COPA rate. There were no changes to their base demand and energy rates.

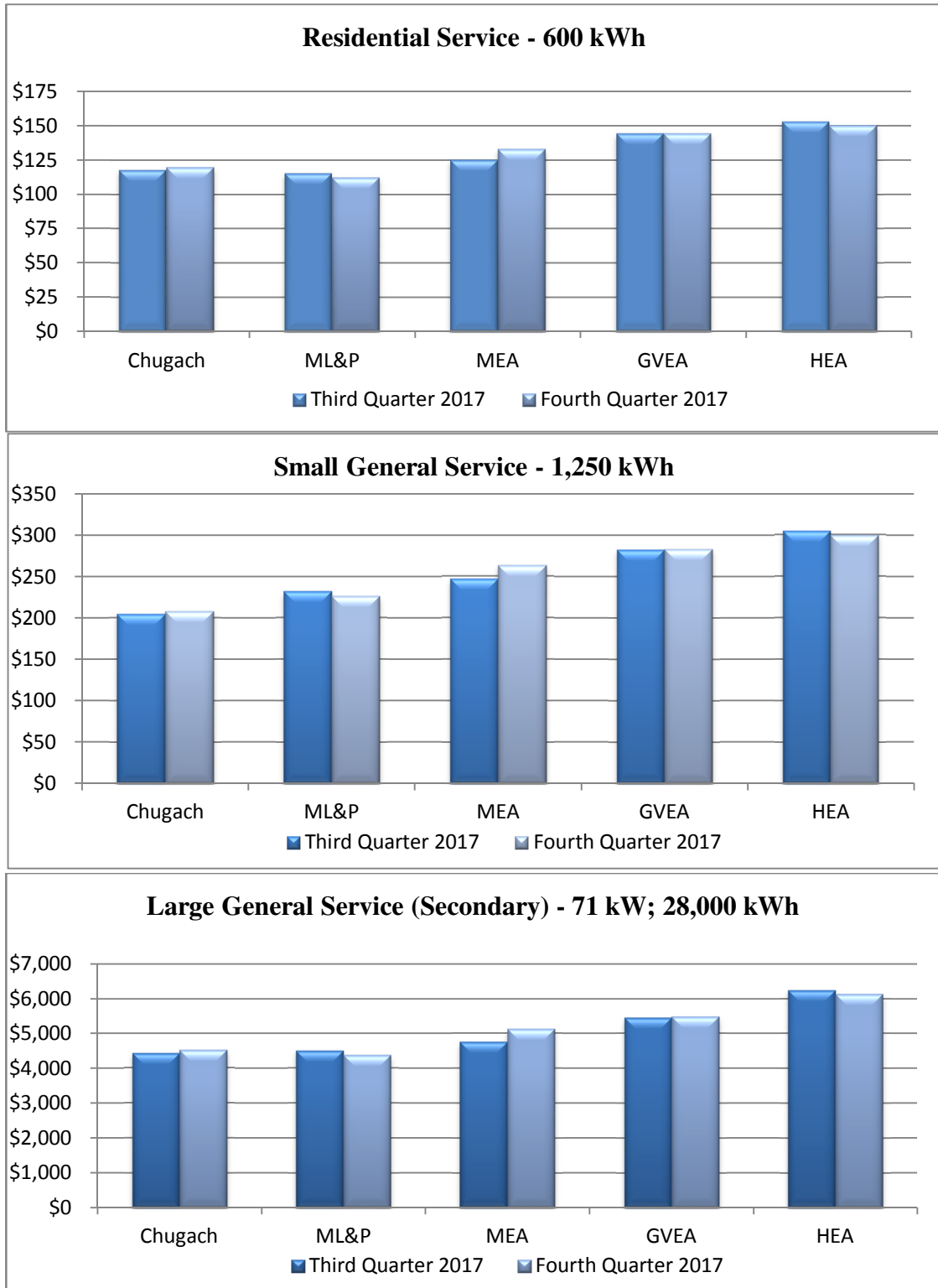
Table 1 below summarizes current retail bill totals in relation to Chugach and the prior quarter for each utility.

Customer Class	Chugach	ML&P	MEA	GVEA	HEA
Residential total based on 600 kWh	\$119.75	\$112.33	\$133.10	\$144.63	\$150.57
Cost per kWh	\$0.200	\$0.187	\$0.222	\$0.241	\$0.251
Change from Prior Quarter	1.8%	(2.5%)	6.3%	0.3%	(1.57%)
Difference from Chugach Bill	----	(6.2%)	11.1%	20.8%	25.7%
Small General Service total based on 1,250 kWh	\$208.22	\$226.02	\$263.21	\$283.56	\$299.60
Cost per kWh	\$0.167	\$0.181	\$0.211	\$0.227	\$0.240
Change from Prior Quarter	1.8%	(2.6%)	6.6%	0.4%	(1.6%)
Difference from Chugach Bill	----	8.5%	26.4%	36.2%	43.9%
Large General Service - Secondary total	\$4,502.77	\$4,363.31	\$5,120.85	\$5,472.20	\$6,123.01
Cost per kWh	\$0.161	\$0.156	\$0.183	\$0.195	\$0.219
Change from Prior Quarter	1.9%	(3.0%)	7.7%	0.4%	(1.8%)
Difference from Chugach Bill	----	(3.1%)	13.7%	21.5%	36.0%

The graphs on the following pages provide additional comparisons of Railbelt utility rates. Figure 1 compares bill totals between third and fourth quarters of 2017. Figure 2 expands the comparison by identifying separately the base rate component and the fuel / purchased power components of each bill. Figure 3 summarizes Chugach quarterly residential bill levels for the past seven years, identifying the base rate and fuel / purchased power components of each bill. Figure 4 illustrates bill totals for the last five consecutive quarters for all Railbelt electric utilities.

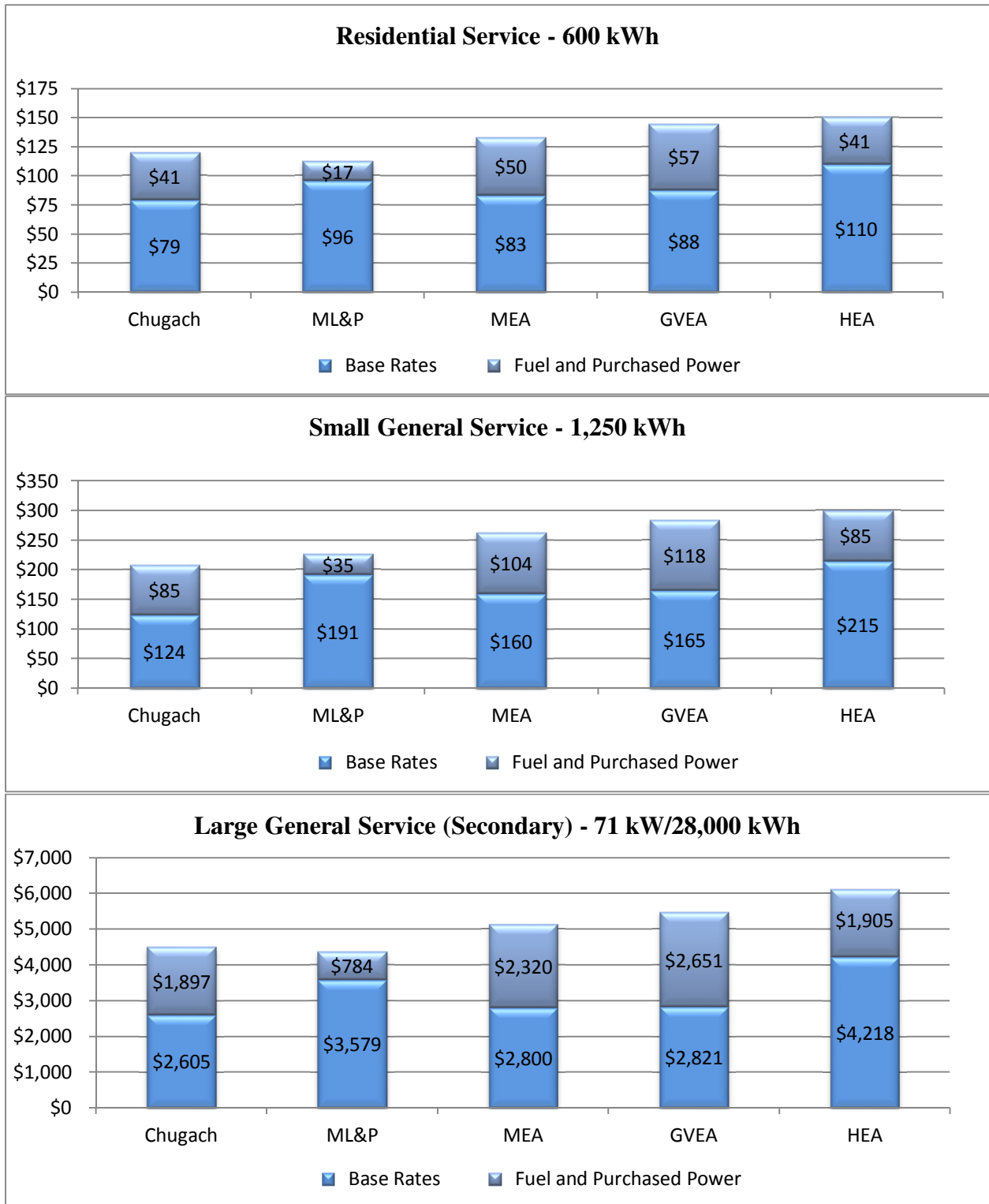
¹ Bill totals are based on tariffed rates. Local taxes, including the Municipality of Anchorage two percent underground surcharge, are not applicable to all utilities in this comparison and are therefore excluded from the calculations. The Regulatory Cost Charge is included as this charge is applied equally to all utilities. For all cooperatives, the Gross Revenue Tax is included. The residential and small general service bill totals are based on monthly energy purchases of 600 kWh and 1,250 kWh, respectively. The large general service bill totals are based on 28,000 kWh and 71kW. ML&P's Large General Service bill totals do not reflect impacts associated with their tariffed demand ratchet. Bill comparisons include all approved and pending fuel and purchased power rates for fourth quarter, 2017.

**Figure 1: Retail Electric Bill Totals by Utility
 Third Quarter 2017 vs. Fourth Quarter 2017**



Bill totals are based on tariffed rates and include state taxes that are applied to all utilities and exclude local taxes and surcharges that vary by community, such as the Municipality of Anchorage two percent undergrounding charge. ML&P's Large General Service totals do not reflect tariffed impacts of its ratchet on demand charges.

**Figure 2: Base Rate and Fuel and Purchased Power Components
 Bill Totals – Fourth Quarter 2017**



ML&P's Large General Service totals do not reflect tariffed impacts of its ratchet on demand charges.

Figure 3: Chugach's Monthly Residential Bill Total History Based on 600 kWh Consumption

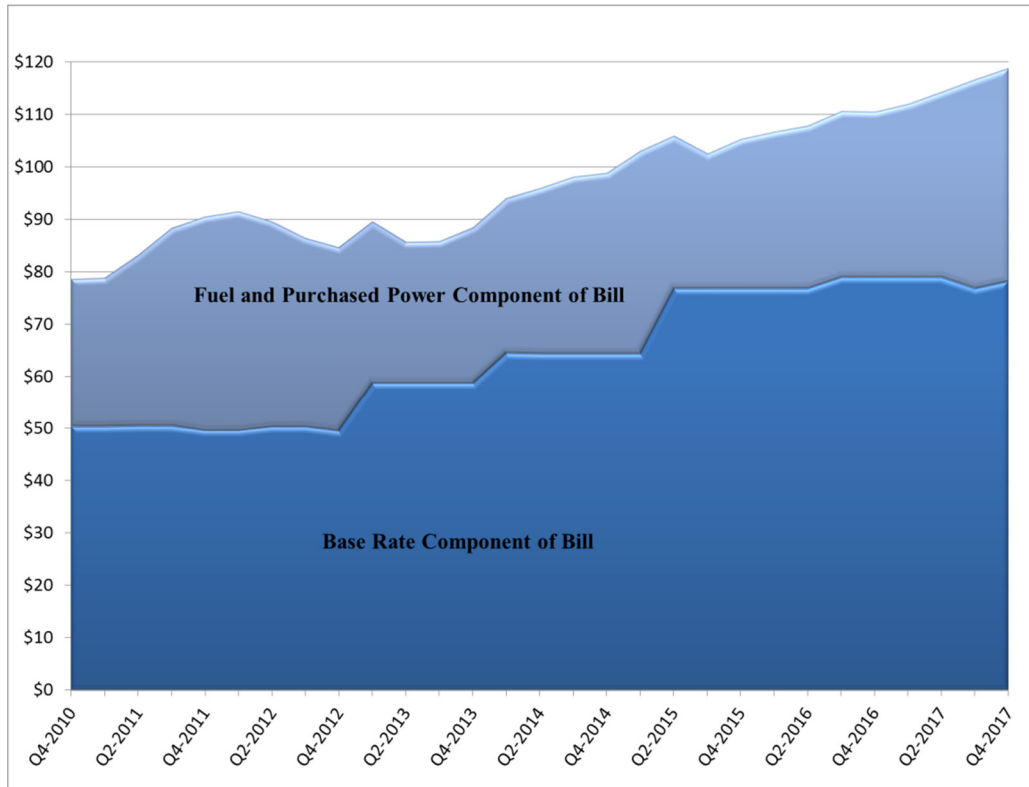
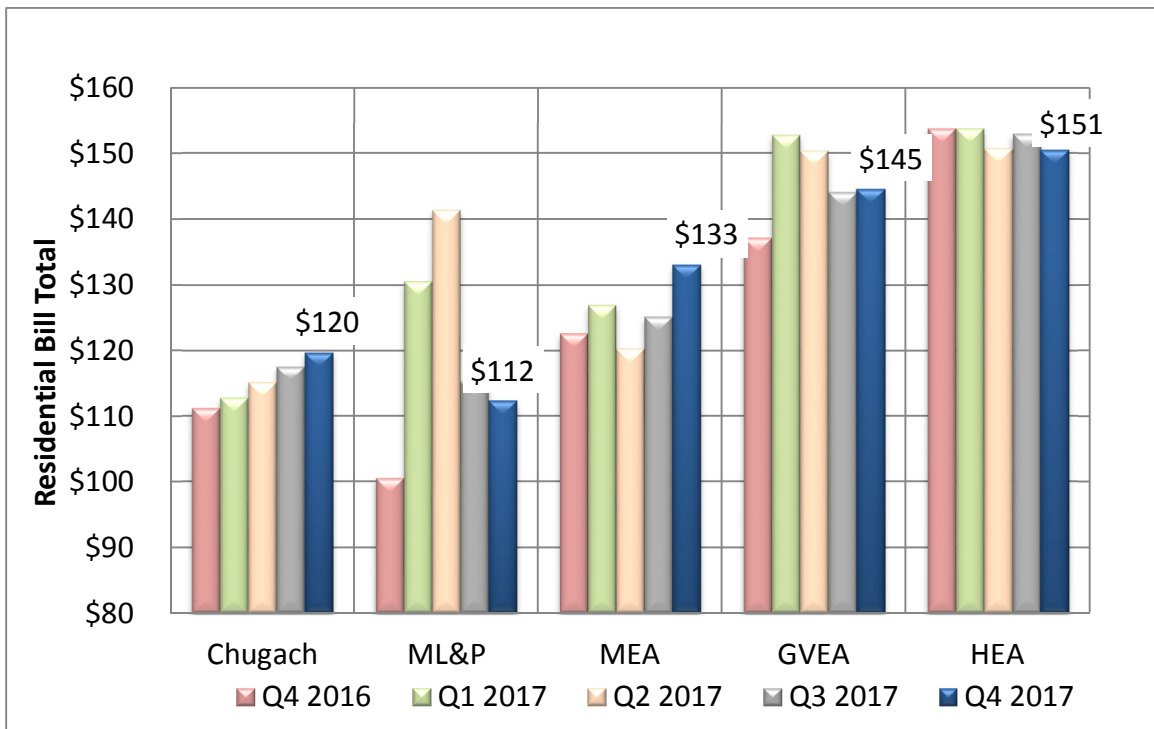


Figure 4: Railbelt Electric Utility Average Total Residential Bill Levels Fourth Quarter 2016 through Fourth Quarter 2017

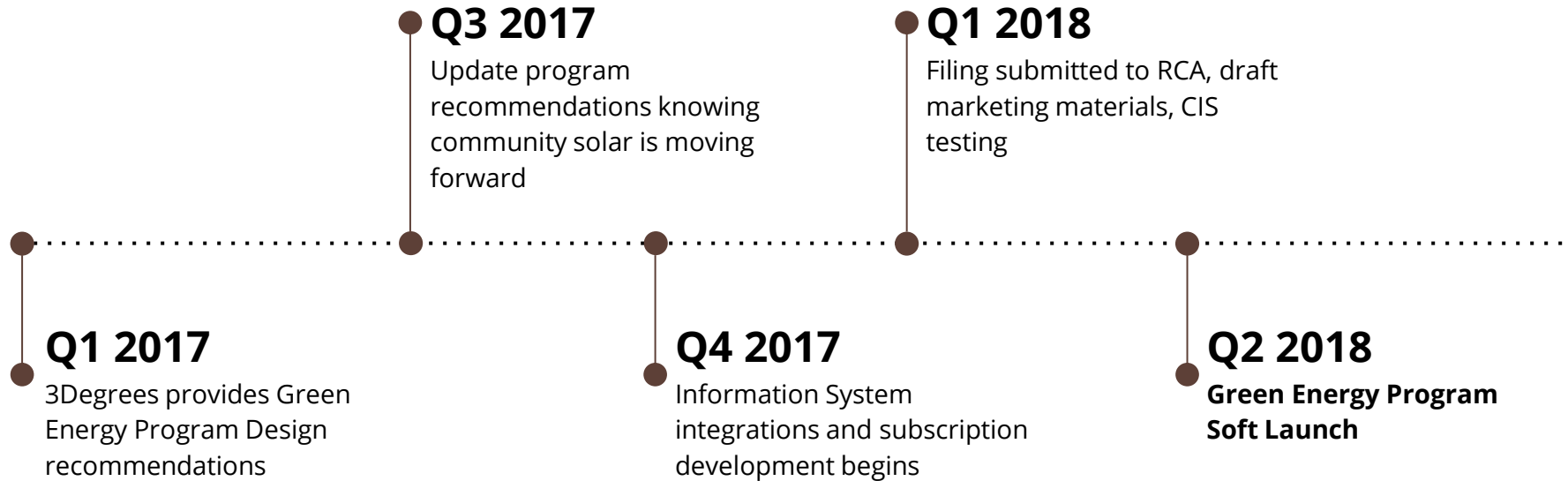




Green Energy Program

Chugach Electric
December 2017

Timeline



Why Green-up? Chugach Benefits.



Member Relations

Reinforces member engagement and expands service offerings



Demand

Chugach survey illustrates members want renewable energy options



Sustainability

Builds a clean, sustainable future for Alaska



Workforce

Opportunity for employee development in renewable field

Why Green-Up? Member Benefits.



Low Cost

Lower-cost renewable option compared to community solar participation



Community

Invests in community energy development



Renewables

Can claim renewable, green and clean energy on electric bill



Recognition

Receives public acknowledgement of being a renewable energy supporter

“Green-Up” Subscription Model

- Percentage
- Blocks
- Dollar Amount

Premium Program - Billing Sample

Service Address		Meter Number	Bill Number	Rate Class Residential
Previous Read Date 10-26-2016	Current Read Date 11-23-2016	Days of Service 28	Bill Date 11-28-2016	Read Type Actual Read
Previous Read 12064	Current Read 12336	Total kWh Usage 272	Due Date 12-27-2016	Amount Due \$55.88

Description of Charges

Previous Balance		60.97
Payment 11-21-2016 - Thank You		-60.97
Balance Forward:		0.00
<hr/>		
Customer Charge		8.00
Energy	272 x 0.11832	32.18
Fuel	272 x 0.038830	10.56
Regulatory Cost Charge	272 x 0.000675	0.18
FIW Renewable Energy Adj.*	272 x 0.002560	0.70
Purchased Power	272 x 0.011150	3.03
Gross Revenue Tax	272 x 0.000500	0.14
2% Under		1.00
Green Up		\$3.00
Total New Electric Charges:		\$59.96

Member Corner

* Represents the cost difference of Fire Island renewable wind power compared to other generation. For more information visit www.chugachelectric.com.

Dollar Amount Option
Chugach will do the math for you on how many renewable energy credits to retire on your behalf. All you need to do is choose the level at which you want to contribute each month.

Example Levels:
Blueberry Hill
\$3.00/Month

Flattop Mountain
\$6.00/Month

O'Malley Peak
\$9.00/Month

Total Balance

62.96

Green-Up Levels

Level	Residential	Small Commercial	Large Commercial
Blueberry Hill	\$3	\$5	\$100
Flattop Mountain	\$6	\$10	\$200
O'Malley Peak	\$9	\$20	\$400

Anticipated Member Participation

	Year 1	Year 2	Year 3	Year 4	Year 5
Res.	0.50%	1.00%	1.50%	2.00%	2.00%
Small Comm.	0.25%	0.50%	0.50%	0.50%	0.50%
Large Comm.	0.25%	0.50%	0.50%	0.50%	0.50%



Modified from 3Degrees anticipated participation rates. Rates above appear lower, because Chugach will offer a competing program, Community Solar, at the same time of GEP.

Why Green-Up? Member Benefits.



Low Cost

Lower-cost renewable option compared to community solar participation



Community

Invests in community energy development



Renewables

Can claim renewable, green and clean energy on electric bill



Recognition

Receives public acknowledgement of being a renewable energy supporter

Recognition



Recognition- Residential



Welcome Letter

Each member that participates will receive a program welcome letter



Decal Sticker

Decal sticker members can display at their choosing

Recognition- Business



Marketing Kit

Members receive marketing materials, social media content, Green Up business partner logo, etc.



Recognition Items

Decals, participation plaque, listing on Chugach website

Why Green-Up? Member Benefits.



Low Cost

Lower-cost renewable option compared to community solar participation



Community

Invests in community energy development



Renewables

Can claim renewable, green and clean energy on electric bill



Recognition

Receives public acknowledgement of being a renewable energy supporter

Renewable Energy Investment Fund

- Chugach to invest in qualifying and competitively selected renewable energy projects in the community.
- *Example: Silicon Valley Power*
 - Supports in-city renewable energy projects by funding non-profit solar installations.






Estimated Net Revenue

Low	Med	High
\$66,000	\$330,000	\$515,000



Sample Projects



			
	\$3,000 for 1 kW solar install	\$6,200 for 7 kW battery storage	\$20,000 for 3.7 kW wind turbine
\$66,000	10	5	
\$330,000	35	20	5
\$515,000	50	30	9

Next Steps

- Information System integrations
- Subscription development
- Submit filing to RCA
- Draft marketing materials
- CIS testing



Abbott Road Phase 2

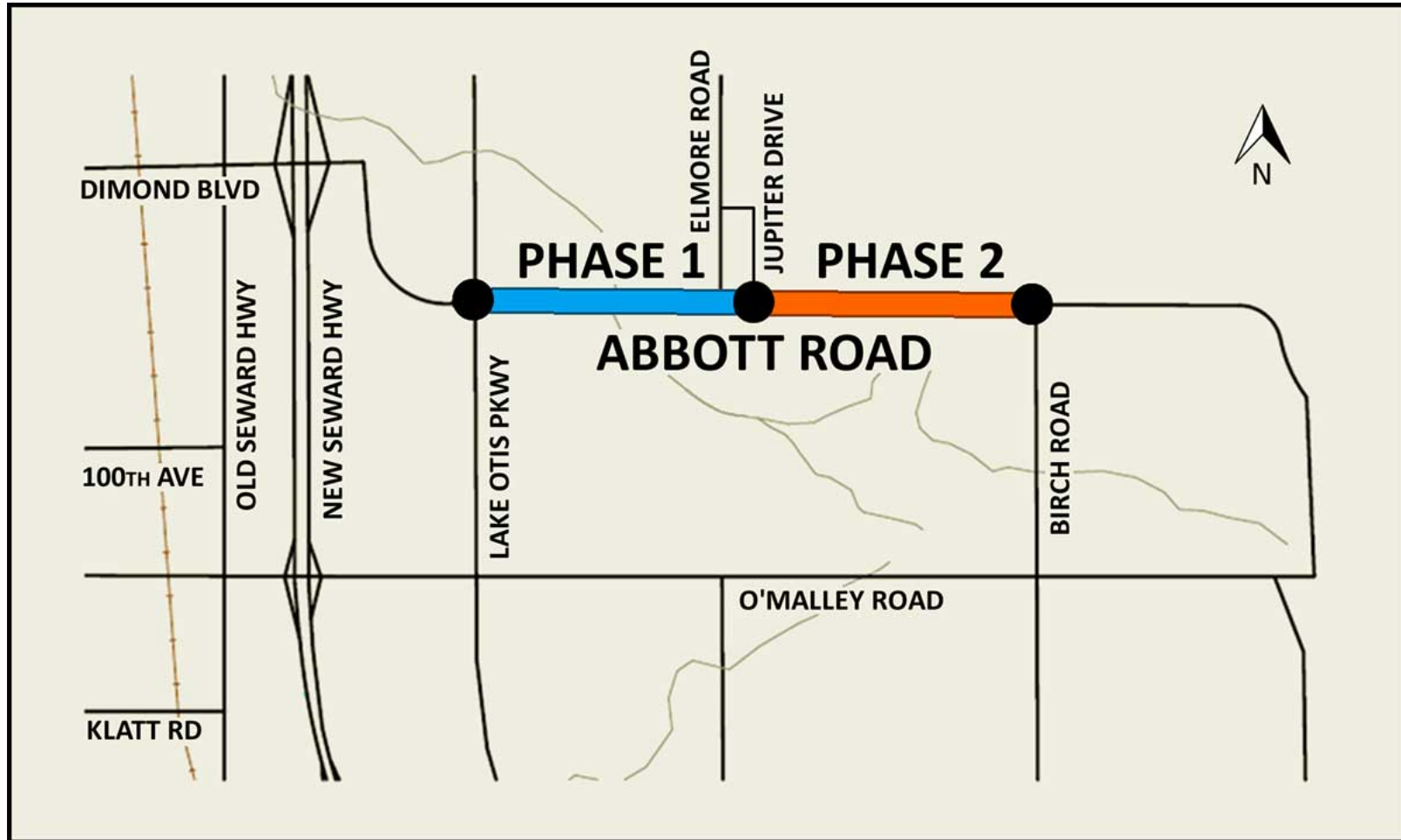
Project Overview

- Abbott Road Upgrade from Elmore to Birch
- Chugach Facilities Impacted
 - Approximately one mile 12.5 kV overhead
 - Approximately 25 poles – includes 10 street lights
- Relocation Cost - \$1.9M (DOT Reimbursable)

Construction Schedule - 2018

- Electrical - February 1 to April 1
- Phone/Cable - April 1 to May 15 (poles removed)
- Road Construction - starting June 1

Abbott Road Phase 2



Abbott Road Phase 2



Abbott Road looking east

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

REGULAR BOARD OF DIRECTORS' MEETING
AGENDA ITEM SUMMARY

December 20, 2017

ACTION REQUIRED

AGENDA ITEM NO. VIII.A.

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

TOPIC

Appointment of 2018 NRECA Voting Delegate and Alternate

DISCUSSION

The voting delegate and alternate to the NRECA meetings are chosen from those who will be attending.

The current NRECA voting delegate is Jim Henderson and the alternate is Stuart Parks.

The NRECA 2018 Annual Meeting is scheduled for February 23-28, 2018, in Nashville, TN.

MOTION

Move that the Board of Directors appoint _____ as the NRECA Voting Delegate and _____ as the alternate.



NRECA 2018 Annual and Regional Meeting Voting Delegate Certification and Credentialing Process



Please fill out the form below. Indicate who will be your Voting Delegate for 2018 and an Alternate in case the Delegate is unable to attend the Business Meeting. You will have an opportunity to select a new delegate for the 2018 Regional Meetings.

Please return this form to NRECA by email: VotingDelegates@nreca.coop or by fax: (703) 907-5512

Org Name

State:

CEO/GM:

NRECA VOTING DELEGATE CERTIFICATION

NRECA Bylaws Article V, Section 2(B) and 2(C) provide that "...each voting member shall be entitled to select, either by vote of its membership or its board of directors, one of its members, directors, or employees to act as the voting delegate, and one such person to act as the alternate delegate, at the meeting...each voting delegate must submit a certification signed by the director who is president of the member or is chair of the member's board of directors, and by the director who is secretary of the member, stating that such delegate is duly authorized to cast the vote of the member."

Please indicate below who will be your delegate at the 2018 NRECA Annual Meeting. **Only those delegates who have been properly documented as authorized by their cooperatives shall be credentialed to act during the NRECA Annual and Regional Meeting Business Session. This form must be dated, signed by the board President and board Secretary (board of directors/trustees), and returned to NRECA by January 5, 2018.** You will have an opportunity to select new delegates for the 2018 Regional Meetings.

The following are hereby certified as official voting delegate and alternate and are duly authorized to cast the vote of this member.

2018 Voting Delegate

Name

Title

2018 Alternate Delegate

Name

Title

(The Alternate is certified to act only in the absence of the Delegate)

Signed

Board President (of Member System) DATE

Board Secretary (of Member System) DATE

MEETING AND REGISTRATION PROCEDURES

1 Please return signed, dated and completed form to VotingDelegates@nreca.coop by **January 5th, 2018**.

2 Delegates must be registered for the meeting in advance and should pick up their badge before checking in as a delegate.

3 At the meeting the delegate must then proceed to the Voting Delegate registration Desk which will be located near the general NRECA Meeting Registration area.

4 At the NRECA Voting Delegate Registration Desk, the delegate's certification information will be reviewed and the delegate will receive the official delegate ribbon, which will be attached to the name badge, as well as the assigned credential card for the meeting.

5 The delegate must bring the credential card and ribbon to the NRECA Business Meeting and present it in order to vote. Each voting member is permitted one vote on each of the resolutions and other business properly brought before the Annual and Regional Business Sessions. **No individual may represent more than one voting member system and proxy voting is prohibited.**

If you have any questions concerning the above procedure, please contact the Membership Department at (703) 907-5868.

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

BOARD OF DIRECTORS MEETING
AGENDA ITEM SUMMARY

December 20, 2017

ACTION REQUIRED

AGENDA ITEM NO. VIII.B.

- Information Only
 Motion
 Resolution
 Executive Session
 Other
-

TOPIC

Hope Substation Upgrade – Project Authorization

DISCUSSION

Hope Substation was built in the mid-1960s. While there have been several upgrades to the substation, the transformer, transformer foundation and wood bus supports have not been replaced and are reaching the end of their useful life. This project will replace the transformer, install a transformer foundation that meets current seismic requirements, incorporates secondary oil containment around the transformer, and replace the wood bus supports with steel. In addition, this project will incorporate view shed mitigation into the scope to reduce the visual impact of the substation from the Seward Highway.

The total project cost is estimated at \$1,900,000. The project is in the 2018 budget and the 2018 to 2022 Capital Improvements Plan (CIP).

MOTION

Move that the Board of Directors' authorize the Chief Executive Officer (CEO) to approve project expenditures for the Hope Substation Upgrade at an estimated total cost of \$1,900,000, with an estimated completion date of December 2018.

Chugach Project Authorization

Project Name: Hope Substation Upgrade

Project Category:

Safety		Incremental Load Growth		New Service		R&R T&D	
Agency Mandated		Reliability	X	Operating Efficiency		R&R Generation	

Accountabilities & Approvals

	Signatures	Date
Board of Directors: Jim Henderson, Secretary	_____	__/__/__
CEO Lee Thibert, CEO	_____	__/__/__
Executive Sponsor: Brian Hickey, Sr. VP, System Operations	_____	__/__/__
Project Manager: Jon Sinclair, Sr. Mgr., Transmission	_____	__/__/__
Project Engineer: Shawn Wendling, Sr. Project Engineer	_____	__/__/__

Purpose and Need:

This project will upgrade several of the existing facilities at Hope Substation and will incorporate view shed mitigation efforts to reduce the visual impact of the substation from the Seward Highway. The scope will include replacement of the existing power transformer and its foundation. In addition the wood bus support structures will be replaced with steel. The transformer and wood structures are over 50 years old. They have reached the end of their useful life and require replacement. The new facilities will extend the life of the substation and provide reliable power to the community of Hope.

Project Description:

This project will replace the transformer facilities and wood bus support structures at Hope Substation. The new facilities will include a new 115/14.9 kV transformer, a new seismically rated transformer foundation with oil containment, and replacement of all existing wood bus supports with steel supports. View shed mitigation may include a screening wall, landscaping and other measures that will reduce the visual impact of the substation.

Approval Amount: \$1,900,000

Project included in **2018-2022 CIP** @ \$1,900,000 and **2018 Budget** @ \$1,900,000

	Labor	Contract	Materials	Total
Forecast	\$300,000	\$1,000,000	\$600,000	\$1,900,000

RESOLUTION

Hope Substation Upgrade – Project Authorization

WHEREAS, Chugach Electric Association, Inc. (Chugach) has identified the need for a station upgrade at Hope Substation to increase reliability and extend the life of the substation;

WHEREAS, existing facilities in Hope Substation are over fifty years old, have reached the end of their useful life and require replacement;

WHEREAS, Chugach Electric Association, Inc. (Chugach) has identified the need for view shed mitigation to reduce the visual impact of the Hope Substation;

WHEREAS, Chugach has included the Hope Substation Upgrade in the 2018-2022 Capital Improvement Plan (CIP);

WHEREAS, Chugach has included funding in its 2018 Annual Operating budget for the Hope Substation Upgrade;

WHEREAS, Chugach has estimated the Hope Substation Upgrade at \$1,900,000;

NOW, THEREFORE, BE IT RESOLVED, that the Chugach Board of Directors' authorize the Chief Executive Officer (CEO) to approve the project expenditures for the Hope Substation Upgrade at an estimated amount of \$1,900,000, with an estimated completion date of December 2018.

CERTIFICATION

I, James Henderson, do hereby certify that I am the Secretary of Chugach Electric Association, Inc., an electric non-profit cooperative membership corporation organized and existing under the laws of the State of Alaska: that the foregoing is a complete and correct copy of a resolution adopted at a meeting of the Board of Directors of this corporation, duly and properly called and held on the 20th day of December, 2017; that a quorum was present at the meeting; that the resolution is set forth in the minutes of the meeting and has not been rescinded or modified.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of this corporation the 20th day of December, 2017.

Secretary