



Chugach members conserving energy

Chugach members continue to take steps to use energy wisely. In a recent survey of residential members, 86 percent of respondents reported they had taken steps to conserve or otherwise lower their use of electricity.

Lighting was the most commonly cited target for their efforts. Thirty-two percent of those taking steps said they were turning off lights, while another 23 percent reported switching to different bulbs.

Many Chugach members have also taken advantage of the Home Energy Rebate Program run by the Alaska Housing Finance Corporation. Twenty-seven percent of those surveyed reported they had participated, with two-thirds of them saying they'd completed the program and received their final inspection. More than half of this group felt the program had helped lower their electric bills. Estimated electric savings ranged from 2 to 50 percent.

That result was similar to findings from a project Chugach undertook in 2012. In a cooperative research effort with AHFC that looked at pre- and post-completion consumption of members who had been through the Home Energy Rebate program, Chugach determined that the average monthly electric savings was 1.7 percent – with some outliers cutting their bills considerably more and a few actually increasing their electric usage.

Records show that members at electric cooperatives throughout the Railbelt have been reducing their electric consumption for some time. Over the past 10 years Chugach residential members have cut their average monthly usage from about 700 kilowatt-hours per month to 650 kwh.

For more on ways to save on your electric bill, go to www.chugachelectric.com and click on the Energy Efficiency tab at the top of the page.

Hope Substation project completed

Chugach has completed a project to turn the Hope Substation into an automated switching location on the Railbelt transmission system. The improvements will provide benefits to both the regional grid and Chugach customers between Cooper Landing and the Anchorage Bowl. After four months of construction, Chugach returned the substation to service on Oct. 25.

The Hope Substation sits alongside the Seward Highway just south of the Hope Highway. It is fed by the 115-kilovolt transmission line that provides the sole electrical link between the Kenai Peninsula and Anchorage. Chugach built the 90-mile transmission line more than 50 years ago to carry power from its then-newly constructed Co-

per Lake Hydroelectric Project to Anchorage. Today the line moves power north and south from many power plants on the grid for the benefit of Alaskans throughout the Railbelt. Chugach taps the line to serve communities along its route.

The remodeled substation provides much more switching flexibility for system controllers than previously existed. One benefit is breakers which will automatically isolate an electrical fault that happens north or south of the facility, while keeping the transmission line on the other side (and the Hope-area customers served by the substation itself) energized.

A situation arose where the remodeled substation would

have reduced outage time just weeks before the project was completed. After a major windstorm swept through the area in early October, a large spruce tree fell onto the line south of Summit Lake. The

resulting electrical fault tripped breakers at the Daves Creek Substation outside Cooper Landing and the University

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The rebuild of the Hope Substation was completed in late October.

Tyonek line extension



One of the largest line extension projects in recent years is underway on the west side of Cook Inlet. Chugach is adding approximately two miles of line to its distribution system to provide service to residential and commercial customers near Tyonek. The project will add about a mile each of 3-phase and single-phase line.

Annual Meeting and Election notes

Chugach's Annual Membership meeting will be held on Thursday, May 22, 2014 at the Dena'ina Civic & Convention Center.

Chugach is looking for members to serve on its annual meeting committees. A successful meeting depends upon volunteers for the Nominating, Bylaws and Election commit-

tees. For more information call 762-4177, or visit www.chugachelectric.com. Applications are due Nov. 27.

Members may submit proposed bylaw changes to the Bylaws committee until 5 p.m., Wednesday, Jan. 15, 2014.

Three directors will be elected to the Chugach board in

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Substation off Tudor Road in Anchorage. When the line lost power, so did nearly 2,200 metered-locations at Indian, Bird, Girdwood, Portage, Whittier, Sunrise, Hope and Summit Lake. While most of those customers were restored to service within 20 minutes, customers at Sunrise, Hope and Summit Lake were without power for hours until the problem was found and

fixed. Had the new substation been in service at the time, only customers at Summit Lake would have seen an outage.

The \$2.2 million project (including line work on either side of the substation) was financed by a combination of State grants and Chugach capital.



the upcoming 2014 election. In 2013, members passed a bylaw changing board members terms from three years to four. As part of that transition, two directors will be elected to four-year terms and one director to a three-year term in 2014. {191271568}

Members who are interested in either meeting with

and being considered by the Nominating Committee or running by petition as a director candidate should call 762-4791 to obtain a candidate packet. Candidate applications and resumes for the Nominating Committee's review must be received by 5 p.m., Friday, Feb. 21, 2014.

Bylaw proposals or candidate nominations should be submitted to:

Tom Schulman
PO Box 196300
Anchorage, AK 99519-6300
tom_schulman@chugachelectric.com

More information and forms may be found at www.chugachelectric.com or by calling 762-4177.

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Contact us

Hours

Monday - Friday

8 a.m. - 5 p.m.

Main number 563-7494

Toll free (800) 478-7494

Member Services 563-7366

Member Services fax 762-4678

24-hour payment line 762-7803

Credit 563-5060

Power theft hotline 762-4731

Danger tree hotline 762-7227

Street light hotline 762-7676

Underground locates 811

Regulatory Commission of AK (800) 390-2782

or 276-6222

To report a power outage

In Anchorage 762-7888

Outside Anchorage (800) 478-7494

Corporate Mission: Through superior service, safely provide reliable and competitively priced energy.

Corporate vision: Powering Alaska's future

Personnel policy: It is a policy of Chugach Electric Association, Inc., to recruit, hire, train, compensate and promote persons without regard to race, color, religion, national origin, sex, marital status, pregnancy, parenthood, disability, veterans status, age or any other classification protected by applicable federal, state, or local law. Chugach is also an equal opportunity/affirmative action employer. Current openings are posted on the employment page at <http://chugachelectricapplicants.com>. Chugach only accepts applications for open vacancies.

The Chugach Outlet

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Monthly residential service costs (based on 650 kwh)

Customer charge/month	\$ 8.00
Energy charge $\$0.08472 \times \text{kwh} =$	\$55.07
Fuel $\$0.03905 \times \text{kwh} =$	\$25.38
Purchased power $\$0.00858 \times \text{kwh} =$	\$5.58
FIW renewable energy adj. $\$0.00187 \times \text{kwh} =$	\$1.22
<small>(Fuel, Purchased power and FIW renewable energy adjustment factors effective October 1, 2013, subject to Regulatory Commission of Alaska approval)</small>	
Subtotal	95.25
2% MOA Undergrounding Charge =	\$ 1.91
Regulatory Cost Charge $\$0.000578 \times \text{kwh} =$	\$ 0.38
Total bill	\$97.54

Member number hide-n-seek

Find your member number (in brackets) in the Outlet and get a \$100 credit on your electric bill. Call Chugach's service center at 563-7366 to claim your prize.

CHUGACH
POWERING ALASKA'S FUTURE