



Stetson Creek diversion to enhance salmon habitat

Work is underway on a project to enhance salmon habitat on the Kenai Peninsula. The project will divert much of the flow of Stetson Creek into Chugach's Cooper Lake Hydroelectric Project near Cooper Landing. Stetson is a cold-water stream that currently flows into the Cooper Creek drainage below the dam constructed in the late 1950s.

Since 1960, the resulting reservoir has provided water used to make power by the two hydro turbines at the power plant -- more than 700 feet lower on the shore of Kenai Lake. Originally designed as a 16-megawatt plant, a rebuild of the units in the late 1990s increased the capacity to 20 megawatts.

Because more water will flow into the reservoir than be released, the diversion project

will increase the annual energy output of the plant. Increased hydropower production will help offset the estimated \$22 million cost of the project, as have a pair of prior State grants. Chugach is seeking an additional grant from the Renewable Energy Fund to reduce the cost to ratepayers.

The diversion project was a condition of the new 50-year license Chugach received from the Federal Energy Regulatory Commission in 2007 at the conclusion of the original operating license.

The project will take 2 years to construct. It includes construction of a diversion structure in Stetson Creek, about 2 miles of buried pipeline to carry water to the Cooper Lake reservoir, and the construction of an outfall structure to take water from the

reservoir and put it into the Cooper Creek drainage. By exchanging cold Stetson water for relatively warm surface water from the lake, resources managers expect to raise the temperature of lower Cooper Creek by 3-5 degrees to improve salmon habitat.

Locally, there is an economic boost from the activity. Up to 30 people will be working on the project. Twin Peaks Construction of Anchor Point is the prime contractor on the job.

During the construction window (with the concurrence of the US Forest Service) some historic access routes into the area have been closed



Two miles of buried pipe will carry water from Stetson Creek to the Cooper Lake reservoir.

for safety reasons. Signs have been posted asking the public to respect the closures and not impede the progress of the habitat enhancement project.

Copper theft dangerous

Copper thieves cut their way into Chugach's Daves Creek Substation near Cooper Landing to steal key grounding wires. The theft and damage to fences and gates was discovered in mid-July.

Copper theft is a crime plaguing businesses across the nation, including electric utili-

ties. When thieves steal from a utility, they cause damages and losses that are ultimately paid for by customers. They also put themselves at risk of serious harm. When they steal ground wires as they did at the Daves Creek Substation, they put themselves and others at risk of severe injury

or death from an electrical contact.

Utility copper theft can also be disruptive for customers. In order to repair the damage to the substation Chugach had to take an hour-long outage on July 23 that cut power to Chugach members in Cooper Landing and Moose Pass.

Suspicious activity around substations should be reported to local law enforcement or the utility. Chugach is working with the Alaska State Troopers on the copper theft at Daves Creek. Anyone with information about the theft should call the State Troopers.

Multiple ways to report outages

The Chugach system is very reliable. In 2012, power was on 99.99 percent of the time. But when outages do happen, there are several ways for members to report them.

Report it from a computer, smart phone, or tablet

An online, mobile enabled outage reporting form is accessible at the Chugach website (www.chugachelectric.com).

Key it in

During outages that produce

heavy call volumes, Chugach often activates its Interactive Voice Response system. The IVR prompts a caller to enter a phone number and then seeks to find a service location associated with it. If the customer confirms an outage at that location, the computer logs the outage for attention by dispatchers in the Power Control Center. It's a swift way to handle trouble calls, but depends upon members

to keep their records up to date. To verify the phone numbers that are associated with your home or business, call Members Services.

Tell us

Calling in an outage on the phone remains the traditional way to let Chugach know you're out of power. You can use any one of several numbers to reach us, including our main, Member Services or outage reporting numbers (all

published each month on the back of the Outlet and on the Chugach web site).

Outages are inconvenient and frustrating, but reporting one doesn't need to be. The sooner Chugach knows about an outage, the quicker it can begin to respond.



A pilot program that helps you save energy and money.

For more information,

go to www.chugachelectric.com



Firewood to be available

In the coming months, Chugach will be relocating a section of the distribution line to Hope. Chugach will move about 3.5 miles of line nearer the Hope Highway to make it easier to maintain. Currently, much of this section of line is in a difficult-to access area that has led to extended outages in recent years. Once the new line is in service, Chugach will retire and remove the old line.

new segment of line. The US Forest Service (USFS) will make wood from the project available for firewood to the public under permit. Chugach's contractor will be stacking logs from the project in decking areas along the Hope Highway.

For more information about obtaining the free use wood permit required to get wood from these decking locations, contact the USFS at 907 288-7744.

Part of the project will entail clearing right of way for the

Chugach will soon begin a project to move 3.5 miles of distribution line nearer the Hope Highway to improve access and reliability.

Smart Power Challenge



Chugach residential members that save 3 percent electricity this September (2013) compared to last September (2012) can win an efficient light bulb! It pays to be energy efficient.

To learn more about the Smart Power Challenge visit www.chugachelectric.com/energy-efficiency/smart-power and click on the Smart Power Challenge link. {1118626}

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

A Publication of Chugach Electric Association, Inc.
5601 Electron Drive • P.O. Box 196300 • Anchorage, Alaska 99519-6300

Monthly residential service costs (based on 650 kwh)	
Customer charge/month	\$ 8.00
Energy charge \$0.08472 x kwh =	\$55.07
Fuel \$0.04266 x kwh =	\$27.73
Purchased power \$0.00117 x kwh =	\$0.76
FIW renewable energy adj. \$0.00129 x kwh =	\$0.84
<small>(Fuel, Purchased power and FIW renewable energy adjustment factors effective 7/1/13 - 9/30/2013)</small>	
Subtotal	92.40
2% MOA Undergrounding Charge =	\$ 1.85
Regulatory Cost Charge \$0.000578 x kwh =	\$ 0.38
Total bill	\$94.63

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.



Know what's
below.
Call before
you dig.

