

CITY OF DILLINGHAM, ALASKA

RESOLUTION NO. 2019-09

A RESOLUTION OF THE DILLINGHAM CITY COUNCIL IN SUPPORT OF NUSHAGAK ELECTRIC & TELEPHONE COOPERATIVE'S (NETC) CONTINUING STUDY AND EVALUATION EFFORTS FOR DEVELOPMENT OF A HYDROELECTRIC FACILITY ON THE NUYAKUK RIVER AND SUPPORT FOR THE LEGISLATION TO ALLOW ACCESS TO WOOD TIKCHIK STATE PARK (WTSP) FOR THIS EFFORT

WHEREAS, initial evaluation of more than sixty years of flow data show the water resource at Nuyakuk Falls to have the potential electric generation capacity for communities throughout the region; and

WHEREAS, the project will also bring fiber optic broad band service to all served communities; and

WHEREAS, the responsible development of this power generation facility could have long-term beneficial economic and environmental impacts for these communities, this region and the State of Alaska; and

WHEREAS, NETC has pursued the study of this resource through extensive public outreach and evaluation of available civil and environmental data; and

WHEREAS, the NETC Board of Directors has adopted a Fish First resolution (Resolution 2017-30) that states the priorities of NETC when evaluating any development; and

WHEREAS, NETC has received a preliminary permit from the Federal Energy Regulatory Commission to complete the feasibility assessment (regulatory, environmental and engineering); and

WHEREAS, access to Wood Tikchik State Park to complete these studies requires modification of the park's enabling statutes and its park management plan;

NOW, THEREFORE, BE IT RESOLVED, that the Dillingham City Council supports the required feasibility studies of the Nuyakuk hydroelectric site; and

BE IT FURTHER RESOLVED, that the Dillingham City Council supports the changes needed to the Wood Tikchik State Park enabling statutes and its management plan to accommodate the studies necessary for project evaluation and licensing.

PASSED and ADOPTED by the Dillingham City Council on March 7, 2019.

SEAL:



Alice Ruby, Mayor

ATTEST:



Lori Goodell, City Clerk

NUSHAGAK ELECTRIC & TELEPHONE COOPERATIVE, INC.

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RESOLUTION NO. 2017-30

Resource Evaluation and Utilization Resolution: Fish First

WHEREAS, Nushagak Electric & Telephone Cooperative, Inc. ("NETC"), is a member-owned cooperative providing electric and telecommunications service in the city of Dillingham and the surrounding area; and

WHEREAS, it is in the best interest of the Members of Nushagak Electric and Telephone Cooperative to commit to the responsible evaluation and utilization of resources in the Bristol Bay Region; and

WHEREAS, the Bristol Bay watershed produces the largest runs of Sockeye Salmon in the world and is the last pristine environment for producing all species of Pacific wild salmon; and

WHEREAS, the Members of Nushagak Electric and Telephone Cooperative have cultural and subsistence ties to these wild salmon runs and that this relationship is of the highest priority to our members and our community; and

WHEREAS, Commercial fishing has provided a sustainable economy in our communities for over 100 years; and

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of Nushagak Cooperative endorses a Fish First directive when evaluating any resource utilization; and

BE IT FURTHER RESOLVED that the Board of Directors of Nushagak Electric and Telephone Cooperative will use the same values stated in this Resolution before entering into any contract for Resource Evaluation or eventual Utilization

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CERTIFICATION

I, Annie Fritze, Secretary of the Board of Directors of Nushagak Electric & Telephone Cooperative, Inc., (NETC) do hereby certify that this is a true and correct copy of a resolution adopted by the Board of Directors of NETC at a re-scheduled meeting of the Board of Directors held Wednesday, November 15, 2017 in Dillingham, Alaska, as the resolution appears in the minutes book of the Cooperative and that it has not been rescinded or modified.

By: Annie Fritze
Annie Fritze, Secretary
Nushagak Electric & Telephone Cooperative, Inc.

Nuyakuk Hydroelectric Project Update – January 2019

Nushagak Electric & Telephone Cooperative

January 2019



The Nuyakuk Hydroelectric Project is a regional infrastructure development that will bring both low cost, renewable energy and broadband telecommunications to communities throughout northern Bristol Bay. This design would divert water from above the falls, flow the diversion through an underground 1500' penstock (pipe), through a powerhouse and back into the river in a tail race below the falls. The powerhouse would have a very low visual impact.

The overall cost of this 30 megawatt regional hydroelectric project including, transmission facilities and communications fiber, is estimated at \$140 million. This would be first hydroelectric project in SW Alaska with regional service. In addition to Dillingham, the communities served include Aleknagik, Koliganek, New Stuyahok, Ekwok and Levelock. The potential exists for service to additional communities.

Nushagak Electric & Telephone Cooperative (NETC) advanced the project in 2018 through a combination of intensive outreach, support from State and Federal entities and capital investment by NETC. Specifics include:

- Over 70 presentations including Tribal entities, State and Federal agencies, Wood Tikchik Management Council, researchers and stakes holders
- Obtained a FERC preliminary permit and a State Parks special use permit
- Field activity including:
 - Water temperature and water quality monitors installed

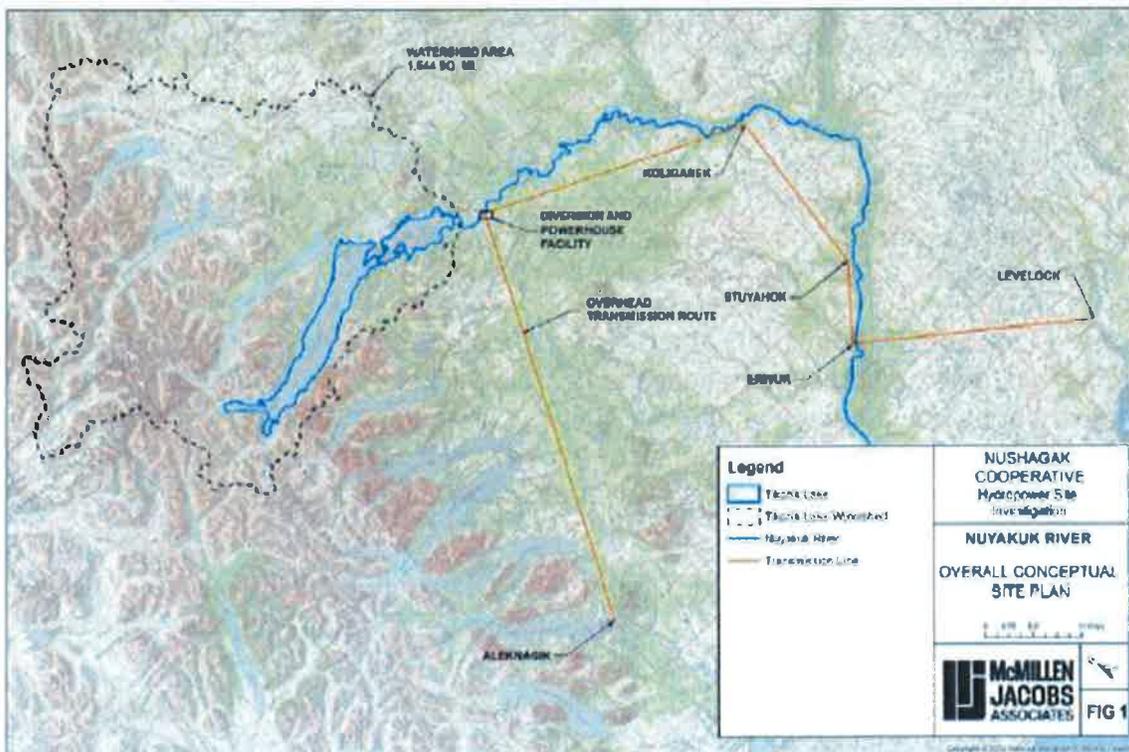
- Initial site survey
- Topographical assessment

Benefits of this project include:

- Displacement of 1.5 million gallons of diesel a year, at current consumption levels
- Yearly average generation capacity to accommodate substantial economic growth in the region, equivalent to 233 percent of current electrical consumption
- Extension -- for the first time -- of fiber communications to all communities served by the hydroelectric project's transmission/distribution system

Benefits for State of Alaska include:

- Potential reduction or elimination of annual PCE assistance:
 - The six communities benefiting from this project over the years 2012 to 2016 have an overall PCE assistance of \$1.75million/year
- The potential economic benefit to these communities in reduced power cost for residential and business consumers who don't qualify for PCE could be as much as \$4.8million/year (based on 15cents/kilowatt hour)
- Direct savings to State agency budgets through reduced energy and communications costs



Proposed transmission system. Size of the watershed is highlighted also. The Tikchik Lakes system provides an immense reservoir for the natural dam/spillway that is the falls.