BRADLEY LAKE PROJECT MANAGEMENT COMMITTEE
RESOLUTION NO. 21-03

Dixon Diversion REF Application

INTRODUCTION

The Dixon Diversion project concept has the potential to significantly increase the renewable energy output of Bradley Lake Hydro in a cost-effective manner. To develop the project, a full feasibility study must be undertaken including hydrology, geotechnical investigations, soils analysis, preliminary engineering, engineering estimates and other feasibility and permitting studies.

The Alaska Renewable Energy Fund (REF) is seeking applications for Round 14 projects in Alaska to be funded or partially funded by the Alaska Legislature. The REF provides funding for all project development phases from reconnaissance and feasibility to final design and construction. The announcement of Round 14, states, "To maximize efficient use of funds the program will focus on earlier stages of viable projects." Because Dixon Diversion is in early-stage development and because it is likely to be a viable project that would produce large amounts of renewable energy to serve approximately three quarters of the state's population, the Dixon Diversion project is well-suited to apply for a REF grant. The grant applications are due on January 18, 2022.

PURPOSE OF RESOLUTION

The purpose of this resolution is to demonstrate the Bradley Lake Project Management Committee's (BPMC) support for Chugach Electric Association, Inc. (Chugach) to submit a REF grant application on behalf of all utility purchasers of Bradley Lake hydropower to partially fund the feasibility work needed to develop the project. This resolution will become part of the REF application package.

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WHEREAS, the Dixon Diversion concept has the potential to add 40 to 65 percent more energy per year to the Bradley Lake Hydro Project;

WHEREAS, initial cost estimates and energy output estimates indicate that the cost of produced energy from the project will reduce energy costs for the estimated three quarters of Alaskans who live in the Railbelt and are served by Chugach, Golden Valley Electric Association, Inc., Homer Electric Association, Inc., Matanuska Electric Association, Inc. or Seward Electric System;

WHEREAS, Dixon Diversion project would increase the amount of renewable energy and decrease carbon emissions for each of the electric utilities served, most of which have renewable energy or carbon reduction goals;

WHEREAS, feasibility studies needed to advance the Dixon Diversion project are expected to cost more than $2 million dollars;

THEREFORE, BE IT RESOLVED THAT, the BPMC supports submitting a $1 million grant application to the Renewable Energy Fund to be matched with $1 million from BPMC to pay for feasibility studies needed to advance the Dixon Diversion project.

Dated at Anchorage Alaska, this 10th day of December 2021.

Chair, Anthony M. Izzo

Attest: _____

Secretary, Curtis Thayer