

June 25, 2026

ELECTRONICALLY SUBMITTED

Honorable Debbie-Anne Reese, Secretary
Federal Energy Regulatory Commission
88 First Street, N.E.
Washington, D.C. 20426

RE: Application for a Non-Capacity Amendment to the Bradley Lake Hydroelectric Project
(FERC Project No. 8221) – Proposed Bradley Lake Expansion Project

Dear Secretary Reese:

Enclosed please find the Alaska Energy Authority's (AEA) final application for a non-capacity amendment to the Bradley Lake Hydroelectric Project. The proposed amendment of the license would allow AEA to construct a new diversion dam near the terminus of the Dixon Glacier to divert water to Bradley Lake, raise the Bradley Lake Dam and normal maximum operating pool elevation by 16 feet, and install a new 0.3-megawatt micro-hydro turbine. Together, these three components are referred to in this application as the Bradley Lake Expansion Project (or Project). The proposed Project would increase the average annual energy generation of the existing hydroelectric facility by approximately 40 percent. The Bradley Lake Hydroelectric Facility is a critical component of the state's Railbelt electric system, providing electricity to approximately 75 percent of the state's population.

If you have any questions or need further information, please contact Mr. Ryan McLaughlin at 907-771-3012 or rtmclaughlin@akenergyauthority.org.

Sincerely,

ALASKA ENERGY AUTHORITY



Curtis W. Thayer
Executive Director

eFile:	Debbie-Anne A. Reese, Secretary Via eLibrary at: www.ferc.gov
Enclosure:	FAA Initial Statement; Exhibits A, B, C, D (Privileged), E, and F (CEII)
	Exhibit G – Project Boundary Maps
	Amendment Study Reports

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ALASKA ENERGY AUTHORITY

Bradley Lake Hydroelectric Project (FERC Project No. 8221) Proposed Bradley Lake Expansion Project

FINAL APPLICATION FOR A NON-CAPACITY AMENDMENT

LIST OF EXHIBITS

Initial Statement

- Exhibit A Project Description**
- Exhibit B Project Operation and Resource Utilization**
- Exhibit C Construction History**
- Exhibit D Statement of Costs and Financing *(For Agency Use Only – Contains Privileged Information)***
- Exhibit E Preliminary Draft Environmental Assessment (PDEA)**
- Exhibit F General Design Drawings and Preliminary Supporting Design Report Parts I and II *(For Agency Use Only – Contains Critical Energy / Electric Infrastructure Information CUI//CEII)***
- Exhibit G Project Boundary Maps**