

documents as a primary inhibitor of economic development, and this project would assist in making electricity rates more affordable for residents and businesses as well as displacing diesel fuel, and reducing our particulate emissions. Competitive bids for project construction exceeded expected cost by \$5,500,000, so CEC is requesting additional funding to that provided in the Authority's Round 1 Renewable Energy grant.

Cordova Electric Cooperative proposes to use the Renewable Energy Fund grant to complete relocation and replacement of the intake structure for the Humpback Creek hydro project, which was destroyed by both a fire in 2005 and flood in 2006. AEA previously awarded the Cordova Electric Cooperative \$4 million in Round I for this work; however, the installed cost of the project has increased to \$17,621,878 since construction bids came in much higher than expected. Cordova Electric Cooperative has awarded a construction contract and the project is now on schedule for completion by January 2011. There is substantial support from the local Native organization Eyak and fish processors. In addition, the federal agency, FEMA, has provided funding for the project. All permits, including a FERC license to construct are in place for the rebuild.

Project Status: This project is complete and the grant is closed.

Cordova Electric Cooperative's Humpback Creek Project went into revenue service on July 13, 2011. The project has operated reliably with no downtime since being placed in operation in July 2011. Commissioning was more labor and cost intensive than anticipated in part to the plant being idle for five years. Once the plant was placed in normal operation, the operations and maintenance expenses decreased considerably. The operations costs have been approximately 25% of the fuel savings to date. Annual production is anticipated to exceed 4,000,000 kWh per year.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$4,000,000.00	\$4,000,000.00
Other State Funding	\$0.00	\$0.00
Total State	\$4,000,000.00	\$4,000,000.00
Required Local Match	\$5,805,000.00	\$5,805,000.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$9,805,000.00	\$9,805,000.00