

there, several different preliminary alternatives will be developed. USACE, Alaska District would coordinate with the Corps center of expertise for hydroelectric generation, (Hydroelectric Design Center) in Portland, OR.

This grant will formulate preliminary alternatives, complete preliminary economic analysis by Jan 2012, determine power requirement forecast / load characteristics, develop power benefit stream and cost of energy (CORPS HH/ECON), identify physical works (plant description, site services, access, transmission lines, etc.), determine economic feasibility based upon avoided fuel costs (CORPS HH/ECON), identify critical issues, assess legal / institutional constraints (WIK), and assess licensing and environmental constraints (WIK).

A recon report will be provided to the Authority by May 2012 after it is reviewed by CORPS, City of Whittier, and the Authority. Preliminary mechanical and electrical work will be completed by Jan 2012.

**Project Status:** USACE completed an interim reconnaissance report of hydropower resources in the vicinity of Whittier in September 2011. The report concluded the available sites could not be developed economically when compared to the cost of railbelt power. The project is closed.

<b>As of Nov. 30, 2013</b>	<b>Budget</b>	<b>Expenditures</b>
Renewable Energy Funding	\$39,471.00	\$39,471.00
Other State Funding	\$0.00	\$0.00
<b>Total State</b>	<b>\$39,471.00</b>	<b>\$39,471.00</b>
Required Local Match	\$34,285.00	\$34,285.00
Federal Grant Funding	\$0.00	\$0.00
<b>Total Project Costs</b>	<b>\$73,756.00</b>	<b>\$73,756.00</b>