

POSSIBLE MOTION

I MOVE to approve reallocating existing Electric Department capital project appropriations to supplement the “Green Lake Power Plant 40 Year Overhaul Phase 1 of 3” project by \$1,519,605.30.

Memorandum

February 3, 2020

To: Hugh Bevan, Interim Municipal Administrator *HB 2-18-20*
From: Jeff Wheeler, Interim Utility Director
Subject: Re-appropriation of Capital to Partially Fund Phase 1 of 3 of Green Lake Project 40 Year Overhaul

Request

The City and Borough of Sitka Electric Department requests a re-appropriation of Capital Projects funds to provide for partial financing of the Green Lake Project Phase 1 of 3 which will encompass overhaul of the gate systems, tunnel, and penstock.

Purpose:

This request would be a re-appropriation from existing capital to complete Phase 1 of 3 of the Green Lake Overhaul Project.

Background:

The Green Lake Hydroelectric energy source has been in operation since 1982 with no comprehensive repairs to date. The rehabilitation will proceed in three phases, with Phase 1 addressing the most urgent repair needs related to the project's dam intake structure, tunnel and penstock. Rehabilitation of the two generating units at the project is less urgent and would be completed later in Phases 2 and 3. However, turbine and generator inspections will be included in phase 1 to help define the scope of work for phases 2 and 3.

Recommendation:

Recommend Assembly re-appropriate \$1,519,605.30 of existing capital to partially fund completion of The Green Lake 40 Year Overhaul Project Phase 1 of 3.

Cc: Jay Sweeney, CFAO
Sara Peterson, Municipal Clerk

Project #	Project Description	Project Balance		FY2020	Revised
		Current	Total Approp minus	Reappropriation	
		Appropriation	Expenses / Encumbrances	From Column D	Appropriation
63010	Green Lake FERC Compliance: Inspect and Upgrades	\$ 302,000.00	\$ 62,711.79	\$ (62,711.79)	\$ 239,288.21
90562	Green Lake Power Plant Improvements	\$ 777,721.00	\$ 109,012.00	\$ (109,012.00)	\$ 668,709.00
90717	Jarvis Street Improvements	\$ 267,518.00	\$ 17,192.34	\$ (17,192.34)	\$ 250,325.66
90718	Marine Street Substation Replacements	\$ 154,000.00	\$ 202.00	\$ (202.00)	\$ 153,798.00
90777	Meter Replacement Upgrading Meters	\$ 440,000.00	\$ 112,010.93	\$ (50,000.00)	\$ 390,000.00
90804	Blue Lake Powerhouse Conversion	\$ 10,000.00	\$ 10,000.00	\$ (10,000.00)	\$ -
90821	Capital for Fuel Conversions (Interruptibles)	\$ 1,200,000.00	\$ 924,047.56	\$ (924,047.56)	\$ 275,952.44
90829	Harbor Meters	\$ 300,000.00	\$ 183,198.01	\$ (78,672.80)	\$ 221,327.20
90839	Green Lake Power Plant 40 Year Overhaul - Phase 1 of 3	\$ 1,185,000.00	\$ 970,565.20	\$ 1,519,605.30	\$ 2,704,605.30
90840	Green Lake Power Plant pre overhaul inspection	\$ 380,000.00	\$ 5,743.81	\$ (5,743.81)	\$ 374,256.19
90841	Jarvis Fuel System Repairs and Storage Tanks	\$ 434,458.00	\$ 150,000.00	\$ (130,000.00)	\$ 304,458.00
90860	Cell Service Enhancement Project(Revenue in Red)	\$ 295,000.00	\$ (12,977.00)	\$ 12,977.00	\$ 307,977.00
90868	69 kV Thimbleberry Trans Line Bypass	\$ 40,000.00	\$ 35,000.00	\$ (35,000.00)	\$ 5,000.00
90869	Blue Lake Auto start Back-up Diesel	\$ 10,000.00	\$ 10,000.00	\$ (10,000.00)	\$ -
90884	Blue Lake Project Completion	\$ 139,133.00	\$ 129,769.29	\$ (100,000.00)	\$ 39,133.00

Sum of Capital Reappropriation for Green Lake 40 Year Overhaul Phase 1 \$ 1,519,605.30