

NOTICE TO MARINERS

River Operations – Igiugig Hydrokinetic Project

Date Issued: May 26, 2021

Location: Kvichak River, Alaska, U.S.A. Lat: 59° 19.48’ 17”N Long: 155° 54.89’ 76”W

Please be advised that ORPC Alaska, on behalf of the Village of Igiugig, is notifying the U.S. Coast Guard of the continued operation of the RivGen® Power System, in the upper Kvichak River (Figure 1). This Power System, which generates electricity from the river’s current, is located near the west bank of the river between Fish and Game and Fly Islands (approximately one-half mile from the head of the river). It is attached to a mooring system below the surface of the Kvichak River.



Figure 1. RivGen Power System in 2019 (prior to submerging)

This project has been authorized by the Federal Energy Regulatory Commission, Alaska Department of Fish & Game, and the Alaska Department of Natural Resources. The Project will be marked by an orange buoys at the following location:

Light List Number	Letter	Name of Aid	Position	Water Depth
27800.1	B	Igiugig RivGen OBSTN Buoy B	59°19’ 28.056” N 155° 54’ 55.6554” W	15 ft

Mariners and pilots are encouraged to travel outside of the buoys either closer to the east or west bank of the river and to avoid travelling between the buoys as this path goes directly over the submerged turbine, which is as close as 4.5’ to the surface in certain places depending on the water level of the river. A submerged medium voltage power cable comes ashore at the upstream end of Fish and Game Island. Although these cables are submerged they are not buried until they reach the shallow areas near Fish and Game Island and the river’s west bank. Vessels should not anchor between the location of the device and Fish and Game island to avoid snagging this power cable. Warning signs are located near where the cables come ashore.

Project Detail	Dimensions
RivGen® Power System Footprint	15.9 m (52.2 ft) long x 14.5 m (47.2 ft) wide
RivGen® Power System Height	3.5 m (11.5 ft) high
Water Depth	4.9 m (16 ft)
Minimum clearance above device	1.4 m (4.5 ft)

Thank you for your cooperation in keeping this exciting renewable energy project safe for everyone on the river. For more information on the RivGen Power System or the demonstration project please visit the ORPC website (www.orpc.co) or call (207) 772-7707.