



IGIUGIG VILLAGE COUNCIL

#1 Airport Way
Igiugig, AK 99613-4008
Phone: (907) 533-3211
Fax: (907) 533-3217
www.igiugig.com
E-mail: Igiugig.vc@gmail.com

Alaska Village Partners with Maine Company to Submit Final Pilot License Application to Federal Energy Regulatory Commission

Igiugig, Alaska, November 29, 2018 – The Igiugig Village Council announced today that it has submitted to the Federal Energy Regulatory Commission a final pilot license application for the Igiugig Hydrokinetic Project (P-13511-003).

The marine renewable energy project will produce electricity generated from water currents in the Kvichak River for the village using a RivGen® Power System provided by ORPC, Inc., of Portland, Maine. The RivGen Power System utilizes in-stream turbines that require no dams or barrages, allow continued river navigation and operate sustainably in harmony with fish habitat. This innovative project will help reduce reliance on and environmental risks from diesel fuel and stimulate Igiugig's economy through local employment and the lowering of electrical costs.

Igiugig Village Council is a federally recognized tribe and serves as the tribal government for the Village of Igiugig, an unincorporated community with a year-round population of 70 on the southwest tip of Lake Iliamna along the Kvichak River. Igiugig selected ORPC as its technology, project development and services provider after a competitive process in 2014.

In 2014 and 2015, Igiugig and ORPC partnered on demonstration projects to verify engineering design, collect and analyze environmental data, and install, maintain and retrieve the RivGen System using locally-available personnel, vessels and equipment.

“Igiugig is guided by our mission to provide resources, programs, and infrastructure to enhance the quality of life of the villagers, and specifically to advance goals for renewable, sustainable energy,” said AlexAnna Salmon, President of the Igiugig Village Council. “We are pleased to be working with ORPC to assist with long-term solutions to the community's energy challenges.”

Igiugig's diesel-based electricity presently costs \$0.91 per kWh to produce compared to the national average of \$0.14 per kWh. With approval of the license application just submitted, ORPC and IVC will launch the hydrokinetic project in mid-2019 and with it, provide approximately half of the community's electricity needs. A distinguishing feature of the RivGen Power System is its ability to seamlessly integrate with isolated power grids that rely on diesel generators such as Igiugig's, offsetting diesel fuel use and allowing generators to be shut off

entirely. Installation of a second RivGen Power System is also being planned in Igiugig. Environmental monitoring will continue with this project, and Igiugig and ORPC will work closely with state and federal agencies to ensure there will be no adverse impacts on marine life.

“This project is a critical and positive step forward in reducing the cost and environmental impacts of electricity generation in Igiugig and remote communities globally,” said Christopher R. Sauer, ORPC Chairman, Co-founder and CEO. “The project’s reliability and environmental suitability will be a catalyst for accelerated market adoption of marine renewable energy elsewhere in Alaska, and throughout northern Canada and other remote communities worldwide.”

This project is supported by the U.S. Department of Energy’s Office of Energy Efficiency and Renewable Energy (EERE) under the Water Power Technologies Office Award Number DE- EE0007348. In addition Igiugig wishes to thank the Alaska Energy Authority, NREL Small Business Ventures and the University of Alaska Fairbanks Alaska Center of Energy and Power, the University of Alaska Anchorage and Intergrid, LLC, for their invaluable assistance with this project.

For more information visit www.igiugig.com.



Igiugig Village Community. This image may also be found at:
<https://www.dropbox.com/s/jg5n2mm0nee95py/Village%20of%20Igiugig%20Community.jpg?dl=0>