

Ocean Renewable Power Company successfully deployed the RivGen® Power System, a submersible hydrokinetic system designed for river and shallow tidal applications. RivGen supplied one-third of the power for the remote Alaskan village of Igiugig - demonstrating the viability of the marine energy technology for rural communities worldwide.

The RivGen Power System was deployed for preliminary testing a couple days after the ceremony. The twin-turbine generator sits under the surface of the Kvichak River. As the current moves through the turbines, they ...

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The RivGen ® Power System generates predictable, emission-free electricity from free-flowing river and tidal currents, reducing diesel use and connecting directly into a community's existing grid using smart grid technology. Offering high ...

ORPC's RivGen® Power System generates electricity from river currents and connects directly into existing community grids using smart grid technology. The RivGen ...

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ORPC's RivGen® Power System generates electricity from river currents and connects directly into existing community grids using smart grid technology. The RivGen device is a horizontal cross-flow hydrokinetic turbine that consists of a proprietary Turbine Generator Unit (TGU) mounted on a chassis.

ORPC's Modular RivGen® Power System harnesses energy generated from river currents to provide renewable electricity to existing infrastructure. Designed for lower-velocity sites, the Modular RivGen Power System can be adapted to both utility-scale and distributed energy uses.

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One company, Ocean Renewable Power Company (ORPC), has developed the RivGen Power System to harness run-of-river current power. The RivGen is integrated as part of a microgrid solution where the RivGen unit produces continuous baseload energy (40-80 kW) to a community.

The RivGen Power System generates emission-free electricity from river currents which can significantly reduce diesel use and connects directly into existing grids using smart grid technology. ORPC's RivGen Power System project in collaboration with the Village of Igiugig, Alaska, features the longest operating marine energy project in all of ...

The RivGen Power System was deployed for preliminary testing a couple days after the ceremony. The twin-turbine generator sits under the surface of the Kvichak River. As the current moves through the turbines, they turn, producing energy. Diesel currently powers most of ...

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