



JANUARY 2025

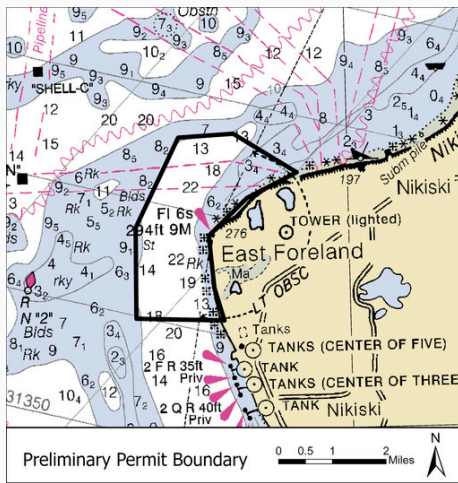
American Tidal Energy

Updates from a historic project aiming to harness the power of Cook Inlet tides to generate clean, predictable, renewable energy for the Kenai Peninsula.



The Project

The American Tidal Energy Project (ATEP) aims to develop an Alaska-based 1 megawatt (MW) to 5 MW tidal site that integrates the best available tidal energy technologies to provide power to the grid and alternative end users. Funded in phases through U.S. Department of Energy, the project involves the Kenai Peninsula community and local environmental stakeholders in the vision for and implementation of a commercial tidal energy project. ORPC is the project developer for ATEP.



During Phase 1, ATEP partners have been busy with preliminary engineering and permitting for the project site. Between April and June, ATEP will enter a competitive selection process for an additional \$29 million of funding from the U.S. Department of Energy.

Contingent on this award, project work will continue in phases, helping to reduce project complexity and ensure proper oversight by project partners. Phase 2 will focus on field surveys, final engineering, and final permitting in 2025 and 2026, and work in Phases 3-5 will shift to commercialization as ATEP partners install and operate the chosen tidal technologies at ORPC's FERC preliminary permitted site off East Foreland between 2027 and 2030.

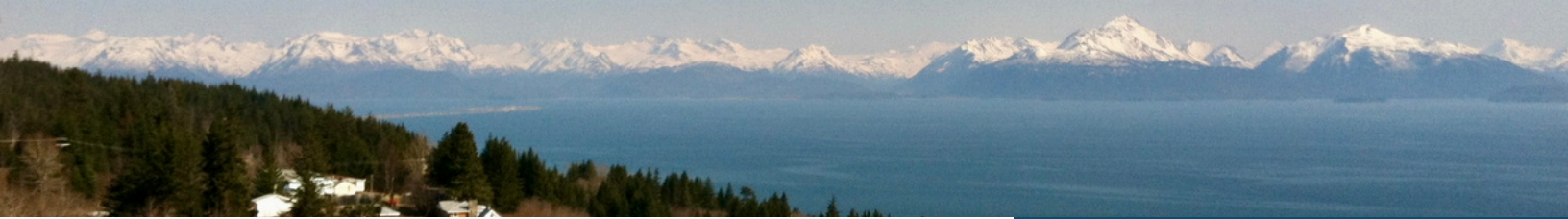
Join Us

American Tidal Energy Project Update

Community engagement manager Eva White will be joined by guest speakers ORPC engineer Nate Hayes and Proteus engineer Steve Allsop to present their tidal energy technologies and provide a project update.

FEBRUARY 13TH
12 PM AKDT

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Tidal Technologies Chosen

In December, Proteus and ORPC tidal technologies were jointly selected to move forward as part of the American Tidal Energy Project. The technology selection process, which ran through the first six months of Phase 1, evaluated three different tidal energy technologies for their suitability to be deployed in Cook Inlet, Alaska.

Two third-party partners, the European Marine Energy Centre and Tidal Energy Corporation, evaluated the different technologies across a range of parameters. With this feedback, the project developer chose to recommend the Proteus AR Series and the ORPC TidGen Power System for Phase 2. Two technologies were selected to move forward as a means of reducing risk for the first-of-its-kind tidal project in Cook Inlet. For more information on both devices, scan the QR codes to the right.

Next Steps

Between April and June 2025, ATEP partners will learn if the project has been awarded \$29 million to progress to Phases 2-5. We are preparing the most compelling argument possible in support of tidal energy development in Alaska's Cook Inlet. If successful, next steps include:

- Summer 2025 and 2026 field work in Cook Inlet to inform FERC licensing, state and local permitting, and final engineering design for chosen tidal technologies.
- Continued outreach and collaboration with regulatory agencies, nonprofits, government, legislative organizations, and Kenai Peninsula community groups.

Learn More

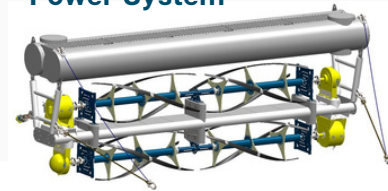
[Biden-Harris Administration Invests Nearly \\$16 Million to Advance Marine Energy in the U.S.](#)

U.S. DEPARTMENT OF ENERGY

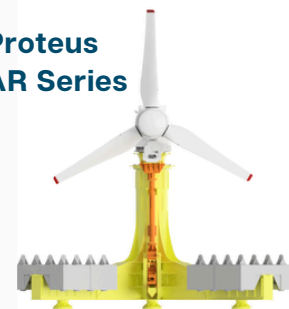
[US DOE allocates \\$6 million for development of tidal energy demo pilot site](#)

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**ORPC TidGen®
Power System**



**Proteus
AR Series**



To learn more about the American Tidal Energy Project visit americantidalenergy.com. If you'd like to connect directly with our team, please email ewhite@orpc.co or info@americantidalenergy.com.