

# AIRA

INSTREAM ENERGY PLATFORM



## Simple – Accessible – Maintainable - Modular

Focusing on simplicity and maintainability, the new XTidal AIRA Instream Energy Platform is our latest design for the tidal energy industry. Using input and feedback from industry experts, developers and turbine suppliers, our third generation platform has increased power capacity, modular construction and greatly enhanced stability.

With a capacity of up to 450kw, the modular platform is designed for both remote and community sites and allows safe in situ serviceability of three turbines by raising them to the platform deck. The platform uses a SWATH-style hull design to minimize wave induced motions and increase stability. AIRA provides the accessibility that fixed base platforms cannot.

The platform is designed with a simple four point mooring system or alternatively a single point mooring system for use with mono-directional turbines.

- SWATH hull shape minimizes platform motion, maximizes turbine efficiency
- Modular construction and easily relocated
- Containerized Internal electrical systems
- Configurable for different turbines
- Turbines retractable for service while others continue to operate
- Year-round unmanned operation with remote monitoring and operating capabilities

**XTIDAL**

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