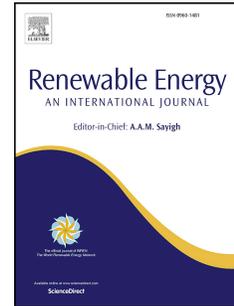


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Experimental optimisation of power for large arrays of cross-flow tidal turbines

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Experimental Optimisation of Power for Large Arrays of Cross-Flow Tidal Turbines – Highlights

- Largest physical testing of dynamic arrays of tidal turbines.
- Spacing between turbines affects power output by up to 19% per device in the tested configurations
- Increasing streamwise spacing increases the total power captured
- Staggering rows generally improves the power per device
- A decrease in lateral spacing below two turbine diameters decreases in power