

Precast making waves offshore

Project: UniWave200 Wave Energy Converter

Location: King Island, TAS

Master Precaster: Hudson Civil Products

Client: Wave Swell Energy

Engineers: Calibre Group (Structural), Cardno (Geotechnical), Alliance Automation (Electrical), SOTO (Mechanical)

In a bid to provide renewable energy for Tasmania's King Island, National Precast Master Precaster member Hudson Civil Products is working in collaboration with Wave Swell Energy (WSE) to pioneer the construction of an offshore wave energy converter to generate electricity from the power of the ocean.

In a world first, the King Island project is touted as providing a 200 kW supply for the small Tasmanian island.

The implementation of precast concrete allows complex custom components to be finished with a high level of quality control, whilst maintaining an efficient construction timeline. WSE envisages this unit as a prototype for larger implementations in more demanding locations.

Hudson Civil Products has provided custom precast concrete substructure components and a durable precast superstructure; both suited to WSE's innovative yet demanding vision.

