

bioWAVE2 - CONCEPT DESIGN OVERVIEW

BPS has developed the concept design for bioWAVE2 - the next-generation of its wave energy technology. bioWAVE2 incorporates experience and learnings from the bioWAVE pilot currently installed at Port Fairy, Victoria Australia.

Key Features:

- Increased modularity to reduce manufacturing, transport, installation and maintenance costs
- Lower overall weight and simplified construction methodology
- Increased use of non-metallic materials for weight, corrosion and cost benefits
- Designed for scalability and easy integration into new or existing power systems
- Longer service life with lower maintenance requirements
- Adaptable to a wide range of seabed and wave conditions
- Minimised requirements for specialised marine vessels and divers
- Overall substantial reduction of the installed capital cost per MW and the Levelised Cost of Energy (LCOE).