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Wave Energy Development at Port Fairy, Victoria

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The Port Fairy Pilot Wave Energy Project involves the development and implementation of a grid-connected 250kW pilot wave energy device.

The bioWAVE ocean wave energy system, developed by BPS, is intended for operation in nearshore coastal environments exposed to energetic swell conditions.

Site characteristics and device design elements will be presented, along with some examples of implementation challenges and outcomes. Further site development under consideration, based on improved designs, will be presented. Market drivers and potential benefits of wave energy will be briefly discussed.