EC-OG have developed the Subsea Power Hub as a method of generating electrical power at remote subsea locations by harnessing the energy of passing ocean currents and tides. By generating the power directly at the point of demand, the Subsea Power Hub can remove the requirement for lengthy power umbilicals and their associated transmission losses.

The focus of this ‘Lunch & Learn’ will be EC-OG’s high energy subsea battery technology which is being developed in-house for use within the Subsea Power Hub. EC-OG is working to apply the latest battery technology to subsea applications, with a battery system which is highly configurable and suitable for use as a standalone unit. This unit will provide long-term power for a range of applications within the Oil & Gas industry and beyond.

The Subsea Power Hub is changing the economics of providing reliable electrical power for remote offshore applications, whether it be for new developments, short-term installations or diagnostic operations.

Presenter: Paul Slorach

Paul is one of the founding members of EC-OG and was responsible for engineering the first Subsea Power Hub system deployed in 2017. Now in a business development role, Paul is a mechanical engineer with 15 years’ experience in the subsea industry, working with leading service contractors and operators. Paul’s remit is to lead the client engagement team, ensuring the company’s engineering development programme aligns with the needs of the industry, and maintaining EC-OG’s position as leaders in subsea energy conversion, storage and delivery.