



Natural Power assist with the consenting and post consent compliance for subsea cables, including interconnectors, distribution cables, OFTOs and onshore components.



Our services include:

Consenting

- EIA coordination and Ecology ES chapter production
- Benthic and fish baseline (including survey work)
- Intertidal landfall surveys
- *Sabellaria* survey and assessments
- Ornithology surveys
- Electro-magnetic field studies
- Stakeholder liaison

Licence compliance

- Marine Licence compliance work:
 - Identification of mitigation commitments
 - Identification of Marine Licence documentation requirements and timelines.
 - Production of key documents for Marine Licence compliance including:
 - Construction Environmental Management Plan (CEMP)
 - Biodiversity Risk Assessments
 - Marine Mammal Protection and Mitigation Plans
 - Species Protection Plans
 - Archaeological Finds plan
 - Provision of Marine Mammal Observers (MMOs) and Passive Acoustic Monitoring (PAM)
 - Environmental Training for contractors
 - Post construction survey requirements such as benthic and fish surveys
- Additional licence requirements
 - European Protected Species (EPS) risk assessments for disturbance to marine mammals
 - EPS licence application
 - Environmental Clerk of Works (ECoW) services

Cable inspection techniques

- Side scan sonar and underwater camera, allowing real time inspection of exposed cables.

Negotiation with regulators and their advisors

17+
subsea cable projects

2000+
km of subsea cables

14+
years experience

17
offshore experts

Natural Power Offshore Cable Capabilities



Case Study 1 **Prysmian, Western HVDC Link Project**

Natural Power acts as Project Ecologist, providing Marine Licence compliance advice for the installation of the West Coast HVDC Interconnector, which passes through English, Welsh, Northern Irish, Manx and Scottish waters, resulting in a multitude of licence conditions to comply with. This work has included; reviewing Marine Licence and Environmental Report mitigation commitments and timelines, review of Environmental Management Plan and other documents to ensure Marine Licences compliance, producing specific ecological reports (biodiversity risk assessments, suspended sediment reports, ECoW protocols). In addition Natural Power has undertaken stakeholder negotiation when variations to commitments or changes in method statements have been required which has enabled work to continue to plan and prevented costly delays.

Case Study 2 **West Islay Tidal Project**

Natural Power were commissioned to undertake the benthic baseline for the cable route for the West Islay Tidal Project and write the benthic chapter for the ES. The field work involved deploying Drop Down Video (DDV), benthic grabs and epibenthic beam trawls in a highly challenging environmental of tidal rapids, as well as intertidal surveys at land falls. This baseline was used as a basis for benthic ES chapter.

Case Study 3 **Robin Rigg Cable Route**

Natural Power were lead EIA consultant for the wind farm and cable route. This involved undertaking technical, design & environmental surveys, specifically benthic, fish and intertidal Sabellaria surveys throughout baseline, pre-construction, construction and operational monitoring. This has also included detailed PRIMER analysis in all operational phases.

