

PROCESS CONTROL & TELEMETRY SYSTEMS

EXPERTISE

With an ever increasing trend towards renewable energy Severn Glocon Technologies have led the way in remote monitoring and control systems for wave energy projects.

We specialise in systems that allow you to seamlessly connect and control your remote equipment using robust communication systems to ensure reliable connectivity. We utilise technology developed in-house to allow you to remotely monitor all data channels from your energy device, from an office or site location, to ensure energy full control and optimisation.

With our fully qualified and experienced Electrical and Software Engineers we have the in-house capability to design, supply and manage a system that fully satisfies your complete requirements.

SPECIFIC DETAIL

We have already demonstrated a high level of expertise in developing cutting edge technology in integrated control and telemetry systems with the following functions:

- ✓ Closed-loop PID control of valves and actuators to regulate and control offshore devices.
- ✓ Utilising algorithms developed by SGT, energy devices can be constantly adjusted and controlled to optimise power output as different environmental conditions change.
- ✓ Environmental conditions such as wind direction, wind speed, wave height and sea state are constantly monitored for data acquisition.
- ✓ Communication with a shore-based PLC over a UHF/VHF radio link or wireless connection allows real time control and monitoring of information from remote locations.
- ✓ Development and design of a backup redundancy power supply with an integrated solar charging system which, along with an electronics cabinet, can log the battery charging state, temperature and humidity.



For more information on Severn Glocon Technologies call +44 (0)1209 312 000, email sales@severnngt.com or visit www.severnngt.com