

Energy Solutions has recently designed and installed an Off Grid System with E-Plex control screens at Loch Lomond and The Trossachs National Park, Scotland.

Loch Lomond & The Trossachs National Park

The Off Grid system is powering the Visitor Centre at the Loch so the requirement for all the equipment was for it to be durable, reliable and intelligent.

The E-Plex system uses remote web access so that the system can be monitored and controlled from a central office on a year round basis. The screens allow the owners to monitor all elements of the system including the generator and batteries. The entire E-Plex system was supplied, designed and installed by Energy Solutions, working with the customer to ensure the screens reflected exactly what they needed to monitor on a daily, weekly and annual basis.

The ability to control and monitor our off grid systems remotely make them an ideal choice for businesses that have multiple or remote locations.

Paul Holland, Energy Solutions



System Key Components:

- 48v 8kva Victron Quattro
- 15kva Catapillar Olympian prime power diesel genset
- 1000L capacity bunded fuel tank
- 945Ah 48v battery pack
- 300L calorifier for hot water (heat recovered from the CAT genset)



Off Grid System remote web access



Case Study

Loch Lomond & The Trossachs National Park