

The **Prolectric Power Portal** is a remote monitoring, control and reporting portal. It's a game-changer in remote device management, giving you cutting-edge access to critical performance data and the ability to control the functionality of the Prolectric [ProPower Solar Hybrid Generator](#) or [ProPower Solar Hybrid 3-Phase](#) from any location.

Combining intelligent hardware, software and GPS tracking, the Power Portal gathers over 400 pieces of telemetry data to give you a complete view of each unit's operating condition. This enables you to maximise the generation and use of clean, free solar power and is proven to reduce fossil fuel use by up to 90%.

The Power Portal's intuitive dashboards provide up-to-date, near-real-time reporting on the performance of your solar fleet. We can also customise our reporting system to interact and integrate with your existing reporting and unit management systems.

## Features and Benefits

Remote monitoring delivers a host of useful features.

- **Battery status** - 24/7 access to monitor the charge state of your unit's battery.
- **Energy generation** - Always know how much energy your units are generating.
- **Energy consumption** - Keep on top of how much energy you're using.
- **Carbon savings** - Real-time data showing how much carbon is being saved.
- **Diesel savings** - Shows you exactly how much you've saved compared to diesel usage.

## Our Customers Include

- Nixons Hire
- Balfour Beatty
- Ardent Hire
- Smartwatch Solutions
- Alide Plant Services

## Key Features

- Battery Status
- Energy Generation
- Energy Consumption
- Carbon Savings
- Diesel Savings

## Who It Is For

- Hire Companies
- Fleet Managers
- Site Managers
- Sustainability Managers
- Operations Managers

### REDUCED EMISSIONS

Reduced fuel usage and CO<sub>2</sub> emissions



### REDUCED NOISE

Battery technology reduces noise output



### REDUCED FUEL

Solar and battery technology reduces fuel usage



### REDUCED MAINTENANCE

Reduced generator run-time



2021

# Savings Report

4/30/2023-5/30/2023

You deployed  
**1 generator**

Operating for a total of  
**715 hours**



Generating  
**312 kWh**  
of green energy



Saving an incredible  
**2111**  
litres of diesel



Plus saving a whopping  
**£3167.10**

and running without diesel for  
**588 hours**



**5659**  
kg of CO<sub>2</sub>

Diesel used  
**321 litres / £482.22**

Emissions  
**862 kg CO<sub>2</sub>**

All data displayed is compared to a standard 40kVA generator. All data has been taken directly from the Proelectric Power Portal.

## Live Status Features

Monitor every aspect of your power system in near real-time with the Power Portal's comprehensive live status features. These include:

- **Fuel usage** - Monitor the generator's internal fuel tank consumption in near real-time.
- **Generator runtime** - Keep track of how long your generator has been running and receive alerts when it's time for maintenance.
- **Solar inputs** - Get near real-time data on the amount of power your solar panels are generating.
- **Battery level** - Stay informed about your battery's charging and discharge status to ensure it's always at optimal levels.
- **Load** - Monitor the amount of power your system uses and receive alerts when it exceeds your desired threshold.
- **GPS position/last seen** - Track your power system's location in real time and receive alerts if it goes offline.
- **Data for remote monitoring portal** - Access your live status data anywhere, anytime, through the Power Portal's secure and user friendly interface.

## Asset Management Features

- **Alarms/notifications/tags** - Set custom alarms and notifications to stay on top of important events and changes in your power systems. Organise your assets with tags for easy identification and reporting.
- **Customer allocation** - Allocate your power systems to specific customers, and track usage and performance data for each customer.
- **Map** - View your power systems on an interactive map to quickly identify their location and status.

## Remote Control Features

- **Turn the power unit on/off** - Start and stop your generator or power solution from anywhere with just a few clicks.
- **Manual/auto control switch** - Choose between manual and automatic control for your power system, giving you complete control over your energy supply.

## Reporting Features

The Power Portal provides advanced reporting features to help you make informed decisions about your power systems. These include:

- **Raw data exports** - Export all your data in raw format for use in custom reports, data analysis or integration with other tools.
- **Automatic infographic reports** - Get automatic reports that provide visual insights into your energy usage and performance, including carbon and finance reports which can be easily shared with stakeholders, including customers and regulators.



Contact us

Tel: 01275 400 570

Email: [enquiries@proelectric.co.uk](mailto:enquiries@proelectric.co.uk)

Unit 35, Hither Green Industrial Estate, Clevedon,  
North Somerset, BS21 6XU