

Case Study

SPL Powerlines

Background

UK's leading provider of electrical solutions for rail infrastructure, specialising in Overhead Catenary System (OCS) and High Voltage Traction and Non-Traction Power Supply (HV).

SPL Powerlines supports businesses, tier one contractors, communities and the public sector by delivering sustainable transportation, infrastructure and energy solutions across the UK.

Challenge

SPL Powerlines UK share Network Rail's commitment through route electrification works to reduce emissions even further and deliver net-zero carbon.

Our drive to achieve Carbon Net Zero by 2050 meets UN's Strategic Development Goals to support the production and use of more sustainable energy.

We continue to work with Network Rail to deliver a "Low Emission Railway" and provide a safe, reliable, and efficient service - its a key requisite to encouraging use of public transport.

Using standard generators on our site compounds is one of our biggest fuel spends and carbon producers.

Having purchased Prolectric ProLight's over the last few years, we couldn't argue with their expertise and the quality of the products.

When we had a trial of the ProPower on one of our site compounds in Market Harborough, the savings spoke for themselves. Adding the solar hybrid generators to our plant fleet will see us make big steps towards our goal of net zero by 2050.

The remote access to the power portal allows me to monitor the performance and also run carbon and cost savings reports so we can show our clients the impact of these solar hybrid generators vs traditional fossil fuel generators.

Stacey Gillespie
Plant & Fleet Hire Manager



The Solution

ProPower!

SPL Powerlines has a small fleet of their own welfare cabins and rehires from others as needed.

Having their own fleet of solar hybrid generators allows them to tow to site and set up their compounds quickly, as well as save significantly on fuel use and carbon emissions.

Not to mention having complete remote access to managing their generator fleet through our Smart Remote Autonomous software.



Why choose Prolectric?



Reduced Emissions
Offers huge CO₂ emissions benefits vs traditional diesel generators.



Reduced Noise
Silent overnight power from battery storage, ideal for urban & night projects.



Advanced Technology
Remote control, monitoring and reporting capabilities.



Reduced Fuel Usage
The ProPower can cut fuel usage by up to 90%.



Minimal Maintenance
Reduced generator run-time means less maintenance.