

Case Study

TRU East Alliance

Background

The Transpennine Route Upgrade (TRU) will improve connectivity in the North and support economic growth as works enable faster, more frequent, and more reliable services.

The TRU East Alliance team is responsible for delivering essential upgrades between Leeds and York, as part of this transformative railway programme.

TRU East needed a compact lighting unit to provide powerful lighting on site. The tower lights also needed to be sustainable and save on costs and carbon emissions.

Challenge

TRU East found they were having issues regarding spacing on site and needed a compact tower light unit that delivered powerful lighting.

Together with this the light needed to save on costs and carbon emissions in comparison to diesel alternative machines which were not suitable.

As they weren't initially certain of the rental or purchase route, they wanted to opt for a trial period allowing them time and data to make a more informed decision.

We believe sustainable development is the only way to keep us on track to a better and more sustainable future.

The Transpennine Route Upgrade is proud to take collective responsibility to make sure we maximise this opportunity to leave a lasting legacy in the North of England.

Prolectrics products support TRU East in providing a greener, more reliable, and faster railway in the north.

Kelly Brook
Buyer



The Solution

TRU East contacted Prolectric, as they wanted to initially rent, we provided our ProLight and ProRXM for a 4-week trial period for one of their sites. Following the trial, they purchased 10x ProRXM tower lights for their sites.

This decision was based on the great performance they'd experienced from the trial, the flexibility of the product in other site areas that offered unique challenges

and, on the savings information, received from our lighting portal, highlighting the carbon and cost savings generated during the trial period.

This further assisted their decision and helped them move away from using diesel tower lights. The team at TRU East also received ProRXM product and lighting portal training, with regular site visits for ongoing support.

The team felt the lighting portal was really user friendly, helpful for fleet management, easy-to-use and allowed flexibility for scheduling changes of lighting, which could be done remotely.

With the success of the trial and subsequent purchase, our relationship with TRU East is ongoing, looking at future fleet growth and working alongside them to help reduce their carbon footprint through our lighting and power solutions.

The below results were taken from 1 January - 26 June 2024

Carbon Savings
32,464 kg of CO₂e

Fuel Savings
12,934 litres of fuel

Cost Savings
£19,103

Why choose Prolectric?



No Emissions
No fumes or greenhouse gas emissions.



No Refuelling
No fuel costs, spills or refuelling labour costs.



Advanced Technology
Remote control, monitoring and reporting capabilities.



No Noise
Ideal for urban, residential or night time projects.



Minimal Maintenance
Setup and forget technology.

The Result

