

# Portland Lighting

Portland Lighting is one of the UK's leading LED lighting manufacturers and a key member of the FW Thorpe PLC group. Established in 1994, the company has built a strong reputation for supplying high-quality outdoor lighting solutions that are both durable and resilient against the elements. Serving both domestic and commercial markets, Portland Lighting is committed to innovation and excellence in the lighting industry.

Industry  
Lighting Manufacturer

Technology  
Rooftop Solar PV

Location  
Walsall, West Midlands

## Overview



SOLAR PANELS INSTALLED

246



ANNUAL CO2 SAVINGS  
(TONNES)

20



SYSTEM SIZE (KWP)

109



PAYBACK (YEARS)

2.8



ANNUAL GENERATION (KWH)

98,523



EQUIVALENT RATE (P/KWH)

3p



## The Motivation

Sustainability and future-proofing were at the heart of Portland Lighting's decision to invest in solar PV technology. As energy costs continued to rise, the company recognised the importance of securing a long-term solution that would not only protect the business from increasing electricity rates but also contribute to environmental responsibility. The installation of solar panels allowed Portland Lighting to power its site with clean and affordable energy, while aligning with its commitment to reducing the environmental impact of manufacturing.

## The Ineco Solution

### Selecting a Trusted Partner

Portland Lighting, alongside other FW Thorpe sites, chose Ineco Energy as its solar PV partner. Ineco Energy was selected for its expertise in designing and installing high-quality solar PV systems, as well as its commitment to providing operation and maintenance services for the life of the project.

### Comprehensive Consumption Analysis

Before installation, Ineco Energy conducted a detailed site analysis to assess Portland Lighting's energy consumption. This process was essential in determining the optimal system size to maximise energy efficiency and savings. By analysing both historic and forecast energy demands, Ineco was able to design a system that would continue to deliver value for years to come.

### Seamless Implementation

Minimising disruption was a key priority for Portland Lighting, with Ineco executing the project with precision and efficiency. The swift delivery allowed the business to reap the benefits of solar energy without affecting operations.

## The Benefits

By generating its own renewable energy, Portland Lighting has significantly reduced its electricity bills, mitigating the impact of rising electricity prices. The transition to solar PV has enabled Portland Lighting to lower its carbon footprint, supporting the company's sustainability goals and reducing reliance on non-renewable energy sources. By integrating solar PV into its operations, Portland Lighting has not only future-proofed its business against energy cost fluctuations but also demonstrated a strong commitment to environmental responsibility.



"We selected Ineco Energy here at Portland Lighting because we knew they had such a great reputation within the industry. In total we will benefit from savings of around £225,000 and our solar generates 48% of our energy which will save over 500 tonnes of carbon"

Dave Harrison, Managing Director, Portland Lighting