

1.1MW Rooftop Solar Installation - [REDACTED] - Burgess Hill



Project Overview

In a landmark project that underscores the shift toward sustainable energy solutions, Everything Water & Energy partnered with some of the best in the Solar industry to deliver a large-scale rooftop solar PV system at [REDACTED] Burgess Hill site. This ambitious installation represents a significant step in [REDACTED] commitment to reducing its operational carbon footprint and embracing renewable energy.

Project Objectives

[REDACTED], a leading training systems integrator and synthetic training equipment provider, sought to enhance its environmental performance and contribute to the UK's net zero targets. The goal was to generate clean, renewable electricity onsite, reduce reliance on grid-supplied energy, and achieve substantial long-term cost savings.

Key Project Details

- Installed Capacity: **1.1 MW**
- Location: [REDACTED] **Burgess Hill**
- System Type: **Rooftop Solar PV**
- Roof Area Covered: **4,751 m²**
- Annual PV Energy Generation: **1,006,290 kWh**
- Annual CO₂ Emissions Avoided: **472,923 kg**
- Estimated Cost Savings over 25 Years: **£4,966,000**
- Number of Solar Modules: **2,378 (JA Solar)**
- Number of Inverters: **8 (Solis)**



1.1MW Rooftop Solar Installation - [REDACTED] - Burgess Hill



Implementation

The project was executed with meticulous planning and collaboration and our partners at Sensetech Solar played a key role in coordinating energy assessments and ensuring seamless integration with [REDACTED] existing infrastructure.

Our partnering installation team installed 2,378 high-efficiency JA Solar modules across the extensive rooftop area, paired with 8 Solis inverters to maximise energy conversion and system reliability. Safety and minimal disruption to ongoing site operations were top priorities throughout the construction phase. By leveraging advanced project management and engineering expertise, the team completed the installation to the highest standards.

Outcomes and Impact

The rooftop solar system is expected to generate over 1 million kWh of clean electricity annually, significantly reducing [REDACTED] reliance on fossil fuels. This translates to avoiding approximately 472,923 Kg of CO₂ emissions each year!

In addition to the environmental benefits, the system delivers strong economic returns. The projected savings of nearly £5 million over 25 years provide a powerful business case for renewable energy investment.

Looking Ahead

This project demonstrates the benefits of transitioning to renewable energy and highlights the critical role of strategic partnerships in achieving sustainability goals. By working closely with Everything Water & Energy and our partners, [REDACTED] has set a benchmark for future energy initiatives in the commercial and industrial sectors.



In partnership with:

