



Client

Augean

Project

Solar PV Installation – East Northants Resource Management Facility (ENRMF)

Scope

Design, installation, and commissioning of a rooftop solar PV system integrated into an operational facility.

Highlights

- + First solar PV installation within Augean's UK operational portfolio.
- + ~90% on-site energy consumption, maximising efficiency, and cost savings.
- + Reduction in Scope 2 carbon emissions and improved energy resilience.
- + Bespoke engineering design tailored to a complex industrial rooftop environment.

Background

This case study outlines the successful delivery of Augean's first rooftop solar photovoltaic (PV) installation at its East Northants Resource Management Facility (ENRMF) near Kings Cliffe, Northamptonshire.

The project forms part of Augean's wider decarbonisation and energy efficiency strategy, aimed at reducing operational emissions, improving energy resilience, and supporting long-term sustainability objectives across its UK portfolio.

Delivered in partnership with Ecovision Asset Management, the installation represents the first phase of a multi-site solar rollout, with additional deployments planned across 2026 and beyond.

Project Overview

The ENRMF solar PV system was successfully commissioned on 27 March 2026 and is now generating renewable electricity on-site.

Designed specifically for a complex industrial rooftop environment, the system integrates seamlessly with ongoing site operations while maintaining high standards of safety, performance, and maintainability.

The installation directly offsets grid electricity demand, reducing both carbon emissions and operational energy costs. With approximately 90% of generated electricity consumed on-site, the system maximises efficiency and return on investment.

Engineering & Design Approach

Ecovision Asset Management worked closely with Augean to develop a fully bespoke solution tailored to the structural and operational requirements of the ENRMF facility.

Key integration features include:

- + **Coordination of mounting solutions.**
- + **Structural load requirements.**
- + **Waterproofing integrity.**
- + **Optimal connection into the site's electrical infrastructure.**

This approach ensured safe installation within a live operational environment while delivering a robust, long-term energy asset.

Key success factors

- + Strong collaboration between Augean and Ecovision Asset Management.
- + Site-specific engineering design tailored to operational constraints.
- + Safe integration within a live operational facility.
- + Strategic alignment with long-term decarbonisation objectives.

System Specification

Parameter	Description	Value
Installed Capacity	Total system output	51.36 kWp
Annual Generation	Estimated yearly energy generation	45,137 kWh
On-site Consumption	Energy used directly on-site	40,623 kWh
Self-consumption Rate	Proportion of energy used on-site	~90%
Solar Modules	High-efficiency PV modules installed	96 × 535 W
Inverter Capacity	Total inverter output capacity	40 kW

Sustainability Impact

The system significantly reduces reliance on grid electricity by generating renewable energy on-site during daytime operations.

This delivers:

- + Reduced Scope 2 carbon emissions
- + Lower operational energy costs
- + Improved energy independence and price stability
- + Increased readiness for future electrification initiatives, including EV infrastructure.

By maximising on-site consumption, the project ensures efficient use of generated energy while strengthening long-term sustainability performance.

Conclusion

The ENRMF solar PV installation represents a key milestone in Augean's transition towards lower-carbon operations.

By embedding renewable energy generation into its infrastructure, Augean is reducing its environmental impact while improving operational resilience and energy security. The project provides a scalable model for future installations across its UK portfolio.

This case study demonstrates how collaboration between specialist renewable energy providers and complex industrial operators can deliver practical, efficient, and scalable sustainability solutions.

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Gary Bower
Director of Corporate Stewardship