

CASE STUDY

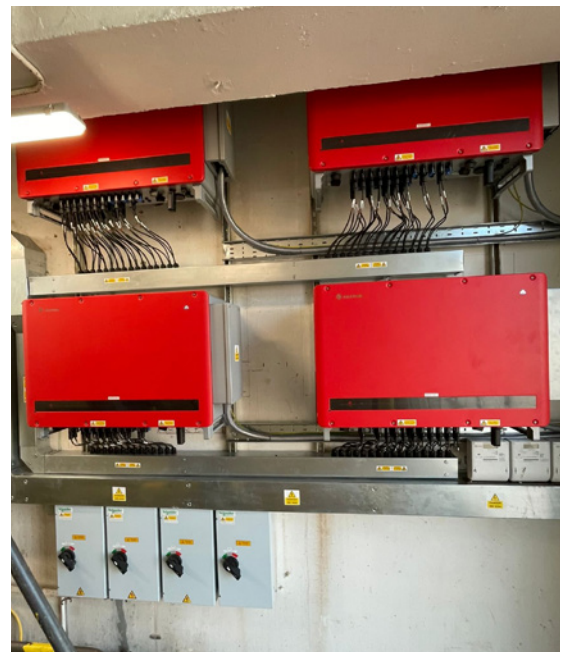
GoodWe powers ADS Laser site in Leicester

Background:

ADS Laser Cutting Ltd, the UK's fastest growing laser cutting company, has doubled down on its commitment to renewable energy by partnering with industry leaders and ensuring a green supply of electricity while protecting the business from rising energy costs. The 417-kW project was submitted to the DNO and the installation was carried out by the Manchester-based Environmental Roofing Services (ERS), well-known industry veterans, experienced in C&I installations. 1028 Trina Solar Vertex 400 W now power the East-West roof together with 4 beautiful GoodWe 100 kW HT inverters. The savings and ROI were immediately noticeable and ADS commissioned an additional 400 kW to cover the remaining area of their roof.

Challenges:

The rising cost of energy has had a negative impact on industries, and consumers and businesses need solutions to remain competitive. The user required the best solutions in terms of watt/m² and the combination of Trina panels and GoodWe HT provided the most power while making efficient use of the available roof space. Time and space constraints were taken into account and ERS was tasked with specifying the best future-proof solution.



Installation details

Project Name: ADS Laser Site
Total Capacity: 400 kW (800 when completed)
Inverter Models and Quantity: * 4 Nos. 100K-HT
Commissioning Date: Jan -2022
Detailed Location: Leicester, UK
Buyer (EPC/Developer) Info: Environmental Roofing Services Ltd

Solutions:

ERS installed 4 inverters of 100K-HT. The HT series seamlessly incorporates different sets of technical strengths designed to achieve higher savings in the installation, enhance productivity and diversify available monitoring options, as well as maximising energy savings.

The HT Series exceeds 100 kW and is therefore a natural fit for C&I projects in the UK as it is designed to reduce the LCOE and maximise watt per space.

Environmental effect:

PV generation spares 414,000 kg of Carbon Dioxide, equivalent to



507

Acres of forest in a year



90

Cars driven for 1 year



457,444

pounds of coal burned



958

Barrels of oil consumed



50,344,311

smartphone charges



49.8

home's annual electricity consumption

About GoodWe

GoodWe is a world-leading PV inverter and energy storage solutions manufacturer and is listed as a public limited company on the Shanghai Stock Exchange (Stock Code: 688390).

With an accumulative delivery of more than two million inverters and installation of 35GW in more than 100 countries and regions, GoodWe was ranked as the Global No.1 storage inverter by Wood Mackenzie in 2020.

GoodWe has also ranked as one of the Top 10 inverter suppliers by IHS Markit and has achieved six consecutive TÜV Rheinland "All Quality Matters" Awards. The great reputation of the HT-Series is spreading across continents and the pace of global deployments is expanding rapidly.