

**CASE STUDY**

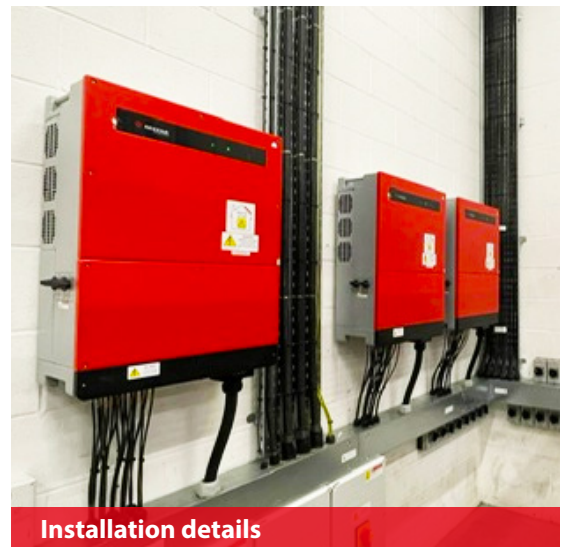
# GoodWe plays its part in the decarbonization of Manchester

**Background:**

The city of Manchester, once at the heart of Britain's Industrial Revolution takes centre stage once again, this time at the heart of the UK's Green Energy Revolution. Transport for Greater Manchester (TfGM)'s ambitious decarbonisation program and zero-emission transport system is the latest example of how local authorities are stepping up to tackle climate change and enable prolonged and sustainable economic growth in decades to come. TfGM relied once again on the experience of Environmental Roofing Services (ERS) to achieve their mission. 728 Trina Solar Vertex 400 W combined with GoodWe's 30K-MT and 80K-MT now power TfGM's flagship depot in Trafford Park.

**Challenges:**

Throughout the project, the tram depot was still in service which proved challenging. The team managed to deliver the project on time with minimal disruptions.

**Installation details**

**Project Name:** TfGM Trafford Park

**Total Capacity:** 280 kW

**Inverter Models:** \* 3 x 80K-MT, 1x 30K MT

**Commissioning Date:** Mar -2022

**Location:** Manchester, UK

**(Developer):** Environmental Roofing Services Ltd

## Solutions:

In this case, as well as countless other cases, ease of installation and commissioning is paramount. ERS relied on GoodWe's inverters not just for their performance but also for their ease of installation, which was crucial in ensuring minimal service disruption. GoodWe's MT series once again proved its worth with unparalleled performance in C&I projects.

## Environmental effect:

PV generation spares 176,845 kg of Carbon Dioxide, equivalent to:



**209**

Acres of forest in a year



**38**

Cars driven for 1 year



**195,662**

pounds of coal burned



**409**

Barrels of oil consumed



**21,511,839**

smartphone charges



**22**

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.