



# Getting There Greener



## MTG Energy in partnership with EMR - decarbonising the East Midlands rail network

At EMR, we are committed to putting customers at the heart of our sustainable railway for the East Midlands. Our vision of "Getting There Greener" drives our efforts to create a railway that plays a central role in delivering a net-zero economy by 2050. Leading the way, we have set an ambitious target to achieve net-zero emissions by 2045, backed by externally verified science-based targets.

Our path to net zero presents challenges, particularly as we rely on significant national infrastructure decisions to enable zero-emission rail across the Midland Main Line and the wider regions we serve. Beyond traction carbon, we are also focused on reducing our total lifecycle emissions - including our buildings, operations, and all the essential activities that keep our passengers moving safely.

A key part of our strategy is investing in on-site, decentralised renewable energy. Our latest initiative at East Midlands Parkway exemplifies this commitment, showcasing how renewables can thrive in complex safety, contractual, and commercial environments.

In collaboration with Network Rail and MTG Solar Energy Solutions, we have installed a 99 kW solar PV system - delivering truly clean, emissions-free energy. Located in the shadow of the soon-to-be-decommissioned Ratcliffe-on-Soar coal-fired power station, this cutting-edge installation provides up to 14% of the station's total energy demand. The north-facing solar panels utilise anti-glare technology to ensure the safe operation of trains approaching the station from the south.

During light, warm summer months, the installation will generate more than enough energy to meet the station's needs, with surplus electricity fed back into the national grid—helping to power a greener future beyond our own operations.



Our net zero pathway commits the East Midlands to install 100,000 kWh per year of solar PV renewable energy generating capacity from 2030. Over the proceeding years, we will be refining our funding and delivery model, learning from this scheme to maximise the benefits of on-site renewables in the railway.

If you would like more information regarding EMR's Net Zero Carbon work or have any feedback or comments – please contact: [sustainableEMR@eastmidlandsrailway.co.uk](mailto:sustainableEMR@eastmidlandsrailway.co.uk).



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# EMR