



Scarborough Rail Depot North Yorkshire, North East England

Technology: Solar PV
System size: 39.53kWp
Annual Output: 32,283kWh
Annual CO2 savings: 19,370kg

Transpennine express working in partnership with Graham Construction, Network Rail and Kemada have constructed a new £8 million train servicing depot located near Scarborough railway station.

Solarsense worked with Kemada who were appointed as the principle mechanical and electrical contractor for the depot construction to provide a turn-key solar PV array in order to reduce the sites' carbon footprint and reliance on buying electricity from the National Grid.

With the extensive experience of Solarsense's project management team, Kemada appointed Solarsense to deliver a full PV design, supply, installation and commissioning package.

A specialist team completed the installation of the 40kWp system in less than a week, with the dual challenge of working and moving materials onsite while the roads and surrounding areas were still under construction.

In total, 118 JA Solar 335W panels were installed spanning over 198.5 square metres and strategically positioned to maximise efficiency and minimise shading. Every year, the solar PV system will generate more than 32,000kWh of clean energy to be used onsite, whilst reducing the depot's carbon footprint by over 19,370kg annually.

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