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Premier Technical Services Group PLC (PTSG) has recently finished extensive works to install fall arrest systems for Vinci Environment UK at the newly built Cornwall Energy Recovery Centre (CERC), which converts waste into energy.

The centre has been one of the largest building projects Cornwall has seen in recent years, and has recently moved into its testing phase in order to ready the building for full operation. Once in use, the centre will generate around 20 megawatts of electricity whilst diverting 90 per cent of the county's residual waste away from landfill.

The building was effectively constructed from the inside out, and so the roof and its safety systems were the final stages of the project. The Group's Access and Safety division designed and installed fall arrest systems, PVC walkways and steps along the building's roof, totalling almost one mile in length.

Situated in the countryside near the village of St. Dennis, the site is extremely exposed. PTSG's engineers faced some particularly bad weather conditions, and this, combined with the curved design of the facility's roof, significantly increased the difficulty of the work.

However, PTSG has built a reputation for maintaining its commitment to the highest levels of safety even on the most complex sites, and the team's work was finished to schedule, allowing testing of the facility's incineration apparatus to commence in good time.

CERC is an important initiative in helping the country reach its targets for energy and the environment. The plant converts waste material into heat and power, and will provide electricity for 21,000 homes in Cornwall.

