

## PTSG – just what the Butler ordered

9 months ago



Premier Technical Services Group Ltd (PTSG) has been contracted to deliver specialist electrical services at Butler Water Treatment Works in Aylesford, Kent, which won the prestigious Infrastructure Delivery category in the Utility Week Awards.

The Butler site is the first new water treatment works, with South East Water working in partnership with Murphy Group, to be built in Kent for 18 years and will supply up to 20 million litres of water a day to the local area.

The site at Aylesford, which won the prestigious Infrastructure Delivery category at the Utility Week Awards, was restored after the appearance of large sinkholes in September 2020. In the weeks and months that followed the sinkholes' appearance, several specialist surveys were undertaken, including external and internal drone surveys, CCTV, geophysical, laser scanning ground level monitoring and dynamic probing, with 250 ground investigation holes undertaken to build a detailed 3D model and develop complex repairs.

The water company was able to bring the site back into operation, filling the voids with foam concrete and resin and achieving the target of having one of the tanks supplying customers again from March 2021.

In this contract, engineers from PTSG Electrical Services Ltd will install a brand-new lightning protection system to protect the structure and all its users in the event of an electrical storm.

PTSG's electrical engineers also carry out testing and inspection and repairs and maintenance to ensure lightning protection systems remain fully operational at buildings in all industry sectors.