



Hyde Waste Water Treatment Works

Equans helped a client meet its renewable energy targets by transforming disused land into a solar PV site.

The scheme saw 3740 panels installed at the Hyde Waste Water Treatment Works ran by United Utilities. The array will produce 951kW of electricity as the firm aimed to produce 35% of its power through renewables by 2020.

The £867,000 scheme made the most of knowledge Equans had gained installing similar roof and ground-mounted arrays for United Utilities in the past, but still had its own unique challenges to be overcome.

Despite the land being developed was unused, staff and sub-contractors had to make sure that during the 11-week scheme, the busy Water Treatment Works itself wasn't impacted. In addition, buried services and pipes underground, as well as a number of trees across the site caused additional considerations before work could begin.

To negate this, the team used CAT & Genny-trained operatives to accurately locate structures and pipes before works began to avoid potentially costly delays.

Equans regularly liaised with United Utilities staff to ensure disruption was to a minimum, with major works coordinated around busy times. A bespoke traffic management plan was also in place.

The result: A solar PV site that was designed and installed in 16 weeks.

United Utilities' Chris Stubbs, said: "We had a target to generate 35 per cent of our power requirements by 2020, and this project made a significant contribution to that aim."

