

Leading the way in energy-efficient transformation



Sustainable transformation

In 2024, Wates' Warrington office underwent a transformational refurbishment, setting a new benchmark for sustainability and modern workplace design. Key upgrades included energy-efficient LED lighting, a heat pump system replacing natural gas, and extensive mechanical and electrical (M&E) improvements. To further boost green credentials, a rooftop photovoltaic (PV) system was installed, generating renewable electricity directly on-site. Within just a year, these measures delivered remarkable results, slashed energy usage, eliminated carbon emissions and halved energy costs.

Delivering results

- 100%** renewable energy and onsite generation
- A+** EPC rating achieved through refurbishment
- 50%** decrease in energy costs
- 22%** decrease in primary energy consumption
- 38,284** kWh of electricity generated in 10 months through 62 kWp solar PV array



The refurbishment of our Warrington office has not only reduced Wates' carbon footprint and our energy costs but also demonstrated our commitment to sustainability and energy efficiency. The impressive results we've achieved are a testament to the hard work and dedication of our team, and our readiness to embrace innovative technologies and sustainable solutions across Wates.



Scott Camp
Managing Director – Wates Smartspace

Leading the way

An evaluation of energy consumption before and after the fit-out (2023/24 vs. 2024/25) identified a 22% decrease, largely driven by the installation of high-efficiency lighting and a heat pump system. Additionally, the solar photovoltaic system generated 38,284 kWh of electricity over ten months, significantly reducing grid demand and contributing to a 50% reduction in energy costs. To enable continuous performance tracking, new 4G capacity was installed, allowing real-time data access to the PV system via SolisCloud. By generating and purchasing only renewable electricity and eliminating the need for natural gas heating, the Warrington office now operates as a net-zero carbon in operation office.

Reimagining places
for people to thrive

Wates
Smartspace