

NET Zero Strategy



The Net Zero Strategy for OnSite Central Ltd, Integrated Water Services Ltd (M&E) and G Stow Plc details the required processes, approaches and measures necessary for the realisation of the Net Zero Policy. The Strategy will also align with the Environmental Policy in order to maximise synergies inherent to a holistic approach to environmental improvement.

The Challenge

Unlike many other organisations, the majority of the company's emissions do not originate from the supply chain and infrastructure but from vehicular transport and stationary combustion (for the production of operational heat and power), which, due to the nature of our contracting business and activities, form around 90% of our emissions.

- The current national charging infrastructure and battery – electric vehicle technology is not sufficient to support our operational requirements since the HGV and LCV fleets need to be capable of travelling hundreds of miles to remote off-grid sites and then in some cases continue to operate with a continuing power and/ or heat demand presently catered for by fossil fuels which constitute the most energy-dense source of motive power available.

The Opportunity

- The proportion of ICE (internal combustion engine) vehicles below 3.5t are already being reduced according to the replacement cycle and replaced by PHEV (Plug-in Hybrid Electric) and BEV (battery-electric) vehicles because these can perform to requirements. PHEV models will be phased out in favour of BEV models as a priority.
- Site CCTV operations will increasingly become zero-emission through the continued adoption of battery/ solar PV technology which avoids the use of ICE engines for auxiliary power when stationary.
- The generation of site power, heat, and the HGV & LCV fleet will become zero-emission through the replacement cycle and when the technical solutions become commercially available: this is not expected to begin until the late 2020's whilst gaining momentum throughout the 2030's. Possible solutions include hydrogen ICE technology, hydrogen fuel cells, and improved battery power packs. There will be a limited role for portable solar PV to augment other technologies during site operations, as demonstrated by the CCTV vans.
- The decarbonisation of the UK grid is continuing at pace with a UK government target of 2035 for completion – therefore our buildings will be expected to be made all-electric where liquid fuels or gas is used to heat them, unless a viable plan to decarbonise grid gas is implemented. Energy audits of the estate have been conducted with recommendations regarding energy efficiency improvements being implemented with building – integrated renewables such as solar PV to be installed where possible.
- The carbon reduction agenda will be promoted throughout the workforce with zero emissions or emissions reducing innovations or encouraged.
- Emissions reducing solutions will be encouraged in the supply chain. The majority of emissions in this area are attributable to the manufacture, transport and installation of liners for the rehabilitation of pipe networks so we will seek to identify opportunities to reduce emissions in this area as they arise.

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Monitoring and Evaluation

- Reporting systems are in place to monitor energy use and emissions across all activities whilst Carbon Reduce certification is maintained which monitors progress.
- Improvements are also monitored on a quarterly basis at Group level according to ESG criteria.
- Attainments contributing to the realisation of the Net Zero Strategy, in conformity with the Net Zero Policy will be evaluated on a yearly basis, with adjustments made as necessary, along with scoping for new opportunities to increase the pace of transformation where possible.

Review and Continuous Improvement

This policy will be reviewed periodically to ensure continued effectiveness, compliance with legal requirements, and alignment with best practices.

Date	Version Number	Reviewed By	Changes Made
01/04/2025	1.2	Catherine Henderson	Incorporation of IWS M&E and G Stow