

Carbon Reduction Plan

Westinghouse Electric Company UK Ltd is a wholly owned subsidiary of Westinghouse Electric UK Holdings Ltd. A global organisation which designs & builds nuclear power stations, manufactures the fuel that goes in them, and provides nuclear decommissioning and decontamination services.

Westinghouse is at the forefront of a global, carbon-free future, using nuclear technology to produce carbon-free electricity.

We are committed to reducing carbon emissions globally, and as part of that commitment, are pleased to present our Carbon Reduction Plan for Westinghouse Electric Company UK Ltd.

This is aligned with UK Government requirements, Procurement Policy Note PPN 06/21: "Taking Account of Carbon Reduction Plans in the procurement of major government contracts", published in June 2021 and the supporting "Technical standard for the Completion of Carbon Reduction Plans".

We are committed to achieving Net Zero Emissions by 2050, aligned with Crown Commercial Services stated objectives.

This Carbon Reduction Plan only addresses activities undertaken in the United Kingdom by Westinghouse Electric Company UK Ltd.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured against moving forward.

Baseline Year: 2021

Additional Details relating to the Baseline Emissions calculations.

This is the first Carbon Reduction Plan prepared for Westinghouse Electric Company UK Ltd (WEC UK). The figures are collated for applicable sources identified in Scopes 1, 2 and 3 and figures are generated using the latest UK Government GHG Conversion Factors for Company Reporting.

- Scope 1 Emissions: Are those direct emissions resulting from our owned or controlled sources.
- Scope 2 Emissions: Are those indirect emissions from the generation of purchased energy.
- Scope 3 Emissions: Are all those indirect emissions (not included in Scope 2) that occur in our value chain of the WEC UK, including both upstream and downstream emissions.

The Covid_19 Pandemic had a direct effect on WEC UK business operations. Energy use in WEC UK offices was reduced because of remote working.

We are able to monitor Scope 1 and Scope 2 emissions directly and are therefore able to baseline the data.

Some Scope 3 activities have been identified, namely business travel and commuting. These have reduced significantly because of COVID. "Work from home" arrangements and overseas travel restrictions have reduced the number of journeys made. It is anticipated that Scope 3 related emissions will increase once business operations return to normal.

Whilst we are not mandated to report Scope 3 emissions, we have included them in our submission. We have estimated carbon emissions for travel based on average number of employees and average hours worked. A system for recording business travel and employee commuting has been established to ensure accurate reporting for future submissions.

Baseline year emissions: 2021

Emissions	Total (tCO ₂ e)
Scope 1	29.65
Scope 2	23.84
Scope 3 (included sources)	27.20
Total emissions	80.69

Current Emissions Reporting

Reporting Year: 2021 As above	
Emissions	Total (tCO ₂ e)
Scope 1	29.65
Scope 2	23.84
Scope 3 (included sources)	27.20
Total emissions	80.69

Emissions reduction targets





We are committed to working towards net zero emissions. Collation of emission data will continue, ensuring that we are able to design and implement effective carbon reduction programmes in the future.


There are several initiatives already underway, some of which require us to work collaboratively with our landlords. We also seek professional guidance from environmental consultants who advise on ways to reduce our emissions and increase sustainability.

Some examples include the replacement of ageing, gas supplied space heaters with localised, efficient electric wall heaters, switching from fluorescent strip lighting to LED lighting and instating more modern, accurate smart meters. At the Gateshead facility gas usage alone is down 35 % January to June 2022 in comparison to the same period 2021 owing to these changes.

Carbon reduction initiatives 2022

The table below highlights some of the key initiatives and targeted areas where WEC UK are actively reducing carbon emissions.

 <p>Improve the efficiency of Robinson House Offices</p>	<p>The Robinson House office is a modern facility which already utilises efficient building systems, LED lighting, thermal insulation etc. and any paper / domestic waste is segregated and recycled where possible.</p> <p>Working with our landlord, the EHS improvement plan 2022 will include measures use improved technologies and install further EV charging points, improving on the 10 already installed.</p> <p>Targeted environmental campaigns will be adopted across the business unit to reduce the overall office energy usage, while raise awareness of our carbon footprint amongst employees. We will also accurately collate utilities usage data to track progress.</p>
 <p>100% renewable energy</p>	<p>Westinghouse UK offices are in shared buildings under landlord control. However, through proactive engagement we will try and encourage our landlords to switch to greener alternatives where practicable and engage with specialist energy consultants to advise where improvements can be made.</p> <p>We will work with BEC (our landlord) to develop a microgrid using solar and wind generated power to provide 100% renewable energy for Westlakes and its tenants.</p>
 <p>Sustainable business travel and employee commuting</p>	<p>We will undertake a review of business travel requirements using the EHS safety improvement plan 2022.</p> <p>We will establish a plan for the reduction in business travel with measurable targets for 2023.</p> <p>The business already procures Electric vehicles for business use.</p>
 <p>Community engagement projects.</p>	<p>WEC UK are actively working in collaboration with local partners, charities, and community groups to create a sustainable community, reduce carbon emissions and reduce waste.</p> <p>Through collaboration with BEC / Westlakes we are undertaking tree planting which is increasing biodiversity in and around the science park. This is also supporting us with the drive towards our net zero target.</p>

 <p>Utilisation of EV / fleet cars for business travel.</p>	<p>WEC UK will increase its use of EV and Hybrid vehicles for business commuting and travel where practicable. As the business unit requirements for travel increases the EHS improvement plan, in conjunction with this Carbon reduction plan, will be used to establish measurable performance / improvement targets for carbon emissions associate with business travel.</p>
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Declaration

This information presented has been completed in accordance with UK Government PPN 06 / 21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.



Richard J. Easterling

Senior Vice President

On Behalf of Westinghouse Electric Company UK Ltd.

October 2022