

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.

Westinghouse 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: October 2021 / October 2022

Additional Details relating to the Baseline Emissions calculations.

The 2021 Carbon Reduction Plan baseline report for Westinghouse Electric Company UK Ltd (WEC UK). The figures are collated for applicable sources identified in Scopes 1, 2 and 3 and the 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 and hybrid working arrangements.

We can monitor Scope 1 and Scope 2 emissions directly based on consumption, meter readings supplied by the landlord(s) and are therefore able to baseline with a degree of accuracy.

The base line report included Scope 3 emissions which were attributed to employees working from home which have continued within the business into 2022.

“Work from home” arrangements and overseas travel restrictions have invariably reduced the number of journeys made by employees. The baseline report 2021 omitted any business travel and commuting figures and it is anticipated with better reporting and data collection scope 3 figures will increase.

Baseline year emissions: October 2021 / October 2022

Emissions	Total (tCO ₂ e)
Scope 1	29.6
Scope 2	23.8
Scope 3 (included sources)	27.2
Total emissions	80.6

Current Emissions Reporting

Reporting Year: October 2022 / October 2023	
Emissions	Total (tCO ₂ e)
Scope 1	24.8
Scope 2	17.2
Scope 3 (included sources)	293.8
Total emissions (Tonnes CO₂)	335.8

Emissions reduction targets

Westinghouse Electric Company UK Ltd are committed to working towards net zero emissions. Collation of emission data will continue to diversify and improve, ensuring that we are able to design and implement effective carbon reduction programmes and initiatives in our future plans.

Our latest Scope 1 and 2 Emissions show a 16% and 27% reduction respectively from the baseline report. Scope 3 emissions accounts for 86% of the business unit total emissions in the 2022 / 2023 submission. These figures have been primarily derived from business travel and commuting surveys undertaken in 2023 across the business unit with averages then applied.

It was identified that 9% of the reported scope 3 emissions can be attributed to air travel. Scope 3 figures for the baseline report were primarily derived from homeworking calculations owing to a larger proportion of the business working remotely / hybrid capacity.

The focus for reporting Period 2023 / 2024 will be to look at improving ways of capturing project specific data across all 3 scopes internally, as well as within our suppliers, delivery partners and

clients where applicable. By improving and standardising our data collection methods across WEC UK Ltd we can better plan for targeted reductions across all 3 scopes.

WEC UK Summary of existing Carbon reduction initiatives:

Collaboration: Utilisation of external environmental consultants and wider Westinghouse Environment teams who advise on ways to reduce our emissions and increase sustainability in alignment with global targets and strategy. A focus for the next reporting period will be to continue supporting the DDP framework at Sellafield, utilising the approved sustainability matrix to achieve BES6001 standard.

Heating and Lighting upgrades: 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.

Awareness: Westinghouse Electric Company UK Ltd shall continue to promote awareness and information around our approach to achieving Net Zero, this shall be done through the sharing of the WEC UK Ltd Carbon Reduction Policy, appointing Environmental Champions, development of an Environmental working group and continuing to support local community initiatives.

Flexible Working: Our strong flexible working policy, as well as changed working patterns resulting from Covid_19 has given employees increased flexibility over where they work; this in turn decreases the need for travel and a resultant reduction in Scope 1 and 2 emissions, as well as those Scope 3 emissions associated with business travel and employee commuting.

WEC UK Summary of de-carbonisation initiatives for the 2024 reporting period includes:

Net Zero Carbon Travel Policy: Draft and implement across WEC UK to deliver better management of employee travel, ensuring that virtual meetings are prioritised and that lower carbon transport alternatives are selected wherever practicable to reduce carbon emissions associated with any business travel.

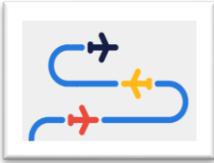
Awareness and development of Bespoke Environmental Training modules: Working collaboratively with the wider Westinghouse organisation to develop specific training modules for our employees, these shall include for example an Introduction to Net Zero, aimed at building carbon literacy across our business and equipping employees with a common understanding around the benefits of carbon reduction.

We shall look to seek best practice regards Carbon literacy and awareness and will supplement internal training with external training providers, Carbon Literacy Programme as an example.

ISO 14001: WEC UK Ltd are certified to the ISO 14001:2015 Environmental Management System. As part of this commitment, we shall develop a sustainability strategy and implementation plan to support and underpin our aim on Net Zero emissions.

Westinghouse Electric Company UK Ltd - Carbon Reduction Initiatives 2023-2024

Table 1.0 Specific WEC UK Ltd initiatives.

 <p>Improve the efficiency of both the Robinson and Springfields 372 offices</p>	<ul style="list-style-type: none"> Working with our building owner BEC, WEC UK shall continue to promote the use of improved technologies. The business unit has installed 2 EV charging points and is working collaboratively with BEC to install further EV charging points as the roll out of electrified vehicles continues. WEC UK shall use targeted environmental campaigns, raising awareness of our carbon footprint and environmental aspects / impacts amongst our employees.
 <p>100% Clean energy</p>	<ul style="list-style-type: none"> WEC UK offices are in shared buildings under landlord control. However, through proactive engagement we shall continue to encourage our landlords to switch to greener alternatives where practicable and engage with specialist energy consultants to advise where improvements can be made. WEC UK shall continue to support BEC (our landlord) and the other businesses working at Westlakes to develop a local sustainability working group. Initiatives being looked at include developing a microgrid using solar and wind energy to provide 100% clean energy to the Westlakes Science Park.
 <p>Sustainable business travel and employee commuting</p>	<ul style="list-style-type: none"> WEC UK shall increase its use of EV and Hybrid vehicles for business commuting and travel where practicable to support the reduction of scope emissions. Look to use lower carbon transport options where possible during business travel. Measurable scope 3 emissions data have been collated following several employee surveys specifically relating to business travel and commuting within the business. Design and roll out further travel surveys with the aim of improving data collection for business travel and commuting.
 <p>Community engagement projects.</p>	<ul style="list-style-type: none"> WEC UK shall continue working in collaboration with local partners, charities, and community groups to create a sustainable community, reduce carbon emissions and reduce waste. Through collaboration with BEC / Westlakes WEC UK shall continue to support local initiatives, these include tree planting, pond regeneration and water course management.



Working collaboratively

- WEC UK shall continue to work collaboratively with our clients and partners in ensuring Carbon reduction and sustainability are considerations in all aspects of our work. This is underpinned and supported by the WEC UK Sustainability and Carbon Reduction Policies 2023, cascaded to our supply chain and delivery partners for consistency.
- WEC UK shall continue supporting the DDP partners working at Sellafield to reduce environmental impacts. WEC UK shall continue as a quorate member in the DDP sustainability forum and continue to support achieving the gold standard as identified in the DDP Sustainability Matrix.

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.

On Behalf of Westinghouse Electric Company UK Ltd.

October 2023

R.A. Eastaugh