Voltalia UK Carbon Reduction Plan

Supplier name: Voltalia UK

Publication date: 29th October 2025

Commitment to achieving Net Zero

Voltalia UK is committed to supporting the UK Government target of achieving net zero emissions by 2050, as dictated by the Climate Change Act 2008 (2050 Target Amendment) Order 2019. We have set the following targets under our parent company, Voltalia:

- Reduce solar Independent Power Producer (IPP) carbon intensity by 37% between 2022 and 2030 ($kgCO_2e/kW$).
- Locate 50% of solar MW on co-used or upgraded land by 2027.
- Achieve organisational net zero emissions by 2050.

This Carbon Reduction Plan (CRP) is prepared in accordance with PPN06/21, and demonstrates Voltalia UK's commitment to addressing emissions reductions

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. The baseline period for Voltalia UK is calendar year 2022 (CY2022).

The emissions presented below were calculated with the support of AECOM and previous baseline calculations undertaken by EY, in accordance with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard and Corporate Value Chain (Scope 3) Standard. Emissions are expressed in tonnes of carbon dioxide equivalence (tCO_2e) and cover all seven greenhouse gases as per the Kyoto Protocol: CO_2, N_2O, CH_2, HFCs, PCFs, SF_6, and NF_3. The inventory boundary covers Scopes 1 and 2, and the five mandatory PPN06/21 Scope 3 categories; upstream transportation and distribution, employee commuting, business travel, waste generated in operations, and downstream transportation and distribution).

Baseline Year: Calendar Year 2022 (1 January 2022 – 31 December 2022)
Additional Details relating to the Baseline Emissions calculations.
These baseline emissions are for CY2022 and are calculated for Voltalia UK's business. Voltalia UK has no prior emissions reporting, so emissions estimation methodologies based on group-wide emissions for each of the scopes are described below. It should be noted that activity data for emissions calculations is currently based on the following methodology:

1. Emissions from business-as-usual operations like office use are calculated on a year-on-year basis.
2. Project related emissions such as transport of solar panels are accounted for in the year that the project is completed.

Scope 1 and 2 emissions arise from mobile and stationary fuels, refrigerant losses, and electricity. These are estimated based on Voltalia's 2020 carbon footprint and 2022 data from the Brazil region, apportioned based on employee headcount numbers.

Scope 3 emissions include the following categories:

- Upstream transportation and distribution,
- Employee commuting,
- Business travel,
- Waste generated in operations, and
- Downstream transportation and distribution.

Estimates have been made based on Voltalia's 2020 carbon footprint data and 2022 data from the Brazil region and apportioned based on 2022 data for UK employee headcount numbers.

Emission factor sources include the International Energy Agency (IEA), UK Government Department for Energy Security and Net Zero (DESNZ), and Utopies.

Baseline year emissions:

EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**171**
Scope 2	**181**
Scope 3 **(Included Sources)**	**1,465**
Total Emissions	**1,817**

Current Emissions Reporting

Reporting Year: Calendar Year 2024 (1 January 2024 – 31 December 2024)	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**214**

Scope 2	**276**
Scope 3 **(Included Sources)**	**2756**
Total Emissions	**3245**

Emissions reduction targets

In alignment with the UK Government's net zero targets for 2050 and global efforts to limit the most damaging effects of climate change, Voltalia UK commits to achieving net zero emissions by 2050. Looking at our carbon footprint, the focus needs to be on solar modules, structures, and cables as solar procurement represents the largest portion of our 2022 emissions.

At present, Voltalia's total business emissions could increase between 2022 and 2030 by approximately 40% in a "business-as-usual" scenario, as our total emissions are generally proportional to the amount of energy capacity installed or purchased per year. This trend applies to Voltalia UK as well. Through the carbon reduction measures described below, we are planning to limit this absolute increase to approximately 18%. We are ultimately committed to achieving reductions in carbon intensity, with an ambition to reduce Scope 3 carbon intensity of our solar independent power producer (IPP) projects (tCO_2/MW) by 35% by 2030 from 2022 as an interim target on our way to net zero.

We are also targeting to locate 50% of solar MW on co-used or upgraded land in 2027. This allows for optimised land use, covering our projects located on the roof of a building or car park, agrivoltaics or eco-pasture activity, and land with no biodiversity value or agricultural or economic potential.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures, projects, and initiatives have been completed or implemented since the 2022 baseline. These measures will be in effect when performing the contract.

- Over 70% of Voltalia's major suppliers have validated SBTi targets. We will continue to engage with our supply chain to improve Scope 3 emissions data and focus reductions on hotspot areas.
- Voltalia UK is engaged in the Cycle to Work Scheme, promoting the use of more sustainable transport modes.
- We operate on a hybrid working model, which reduces the commuting requirements for employees and minimises, as far as practicable, the amount of equipment in our office.
- We minimise waste as far as practicable, provide recycling bins, and mainly operate on a paperless basis.

Future Carbon Reduction Initiatives

Through a double materiality assessment, we have identified four material areas on which to focus our future climate strategy:

- Decarbonisation of energy: contributing to the fight against climate change through our activities by avoiding emissions.
- Customer energy efficiency: support companies in their energy transition.
- Adaptation to climate change: both current and future assets will require adaptation to mitigate negative climate impacts.
- Emissions from activities: reducing our Scope 1, 2, and 3 emissions.

We plan to implement carbon reduction measures in line with these focus areas. Our decarbonisation trajectory has been modelled based on the inclusion of the following decarbonisation initiatives by 2030:

- Sourcing 100% low carbon solar panels for IPP.
- Only using electric or hybrid cars for business operations.
- Utilise 100% renewable electricity.

In 2025, we aim to investigate the possibility of further decarbonisation actions, including:

- Sourcing 100% low carbon solar panels for third-party (3P) and equipment trading and distribution (ETD).
- Sourcing 100% from low-carbon suppliers for wind turbines.
- Ensuring a quarter of all concrete for solar farm and wind turbine foundations contains at least 50% less carbon than classical concrete.
- Sourcing half of our electrical equipment from low-carbon manufacturers committed to SBTi.
- Implementing a group wide internal carbon pricing mechanism.
- Joining coalitions or workforces contributing to the decarbonisation of the power sector supply chain.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard 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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Reduction Plan has been reviewed and signed off by [the board of directors (or equivalent management body)].

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standards/scope-3-standard

Signed on behalf of the Supplier:

DocuSigned by:
Simon Holt
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Date: 30 October 2025