

# Carbon Reduction Plan

**Supplier name:** Vital Energi Utilities Limited (4050190) & Vital Energi Solutions Limited (07828647)

**Publication date:** 18/11/2021

Vital Energi Utilities Limited and Vital Energi Solutions Limited are leading providers of low-carbon energy solutions to both the public and private sectors. We deliver a broad range of energy efficiency measures as well as low-carbon power generation, storage and distribution, and heating and cooling solutions for our clients.

Our energy solutions are supported by a full suite of customer services including energy metering, monitoring and asset management.

We work with clients to reduce their energy use and cost whilst, at the same time, helping them to achieve their carbon reduction targets.

## Commitment to achieving Net Zero

Vital Energi Utilities Limited & Vital Energi Solutions Limited are both committed to achieving Net Zero emissions by 2035. In addition, we are committing to reduce actual emissions by 50% from 2020 levels by 2030 without using offsets.

## 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.

**Baseline Year: July 2020 – June 2021**

### **Additional Details relating to the Baseline Emissions calculations.**

A baseline including all relevant scopes has not previously been calculated/reported. Therefore, the first reporting period will be set as the baseline.

Vital Energi Utilities Limited (VEUL) and Vital Energi Solutions Limited (VESL) fall under a single payroll, share facilities and rely on common resources. There are many interdependencies between these two bidding entities, and each may be involved in the bidding or delivery of works covered by PPN-06/21. To ensure accurate reporting, the two companies' emissions have been aggregated, as such the CRP and its proposed measures should be considered to apply to both.

The CRP reporting boundary has been based on the operational control approach to GHG accounting, reflecting upon the substance and economic reality of the company's business relationships and their operations. Emissions associated with fuel combustion and electricity procured to meet the heating and power needs of clients through arrangements such as Energy Service Companies (ESCOs) and Energy Performance Contracts (EPCs) have been excluded.

Since the Scope 3 emissions reporting is a new requirement, we have had to make some estimations for example the use of national commuting data to estimate emissions from commuting. This element of the baseline may therefore need correction as better data becomes available.

**Baseline year emissions: July 2020 – June 2021**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	944
Scope 2	1170
Scope 3 (Included Sources)	559
<b>Total Emissions</b>	<b>1,673</b>

**Current Emissions Reporting**

**Reporting Year: July 2020 – June 2021**

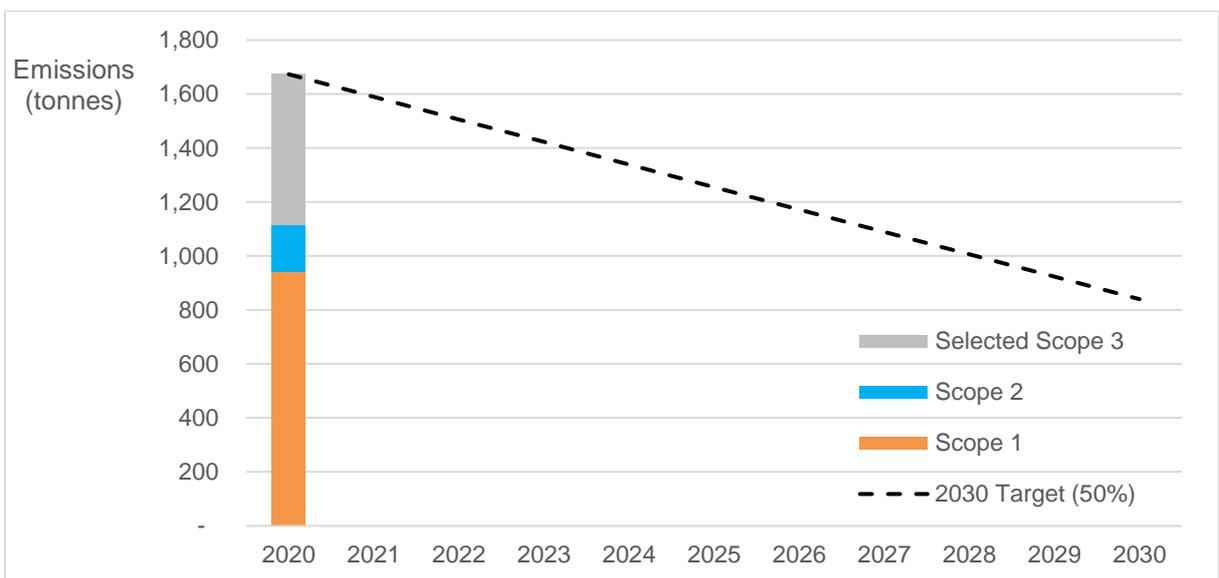
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	944
Scope 2	170
Scope 3 (Included Sources)	559
<b>Total Emissions</b>	<b>1,673</b>

**Emissions reduction targets**

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next ten years to around 840 tCO<sub>2</sub>e by the July 2030- June 2031 period representing a reduction of 50%.

Progress against these targets will be tracked on the graph below in years following the baseline year:



# Carbon Reduction Projects

## Completed Carbon Reduction Initiatives

The following carbon reduction initiatives are being applied to reduce our carbon footprint across all stages of project development and delivery.

The following environmental management measures and projects have been completed or implemented before the 2020/21 baseline was set, therefore their impact has not been quantified, but they will be in effect throughout forthcoming reporting periods:

- Ongoing Energy Management, inclusive of an Energy Monitoring and Energy Review procedure
- Installation of LED lighting and passive infrared (PIR) sensors in the head office
- Installation of a Solar PV array at the head office
- Initiation of the electrification of the vehicle fleet which is now 70% BEV or PHEV
- Environment and Energy Audit programme established and implemented annually
- The use of the Environmental & Energy Communications programme
- Environmental & Energy Toolbox Talks, awareness campaigns and posters along with other resources for site teams (reusable bottles, recycled stationery)

### **In this financial year we are:**

- Ordering 12 full electric vans for deployment in the London area
- Introducing further electric car models to our company car fleet
- Having our first Get Green Week to encourage positive behavioural change

### **In the future we hope to implement further measures such as:**

- Head office energy reduction measures, such as but not limited to:
  - Fabric improvements, heating system additives, pipework insulation, pump upgrades
- Design and install a Head office heat pump solution
- Develop and install a large-scale PV system at the head office site
- Energy efficient site accommodation powered and heated by renewable energy
- Reduced reliance upon fossil fuels for construction sites through exploring more temporary electricity supplies, electrically power plant and/or biofuel blend of fuel for construction site generators, mobile machinery and welfare facilities
- Develop a phased plan to electrify the fleet vehicles
- Reducing business travel and grey fleet emissions by encouraging video conferencing
- Prioritising trains over flights and when required using flights which report lower emissions due to efficient planes or use of sustainable aviation fuels
- Staff engagement campaigns to encourage public transport use, walking, cycling, and carpooling – continuation of our annual Get Green Week
- Sustainable procurement policy to prioritise using suppliers and distributors that report a lower carbon footprint
- Validation of progress against our targets through the Science Based Targets initiative and/or 'Race to Zero' initiative

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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

**Signed on behalf of the Supplier:**

A handwritten signature in black ink, consisting of a large, stylized initial 'R' followed by a series of loops and a long horizontal stroke. The signature is positioned above a horizontal dotted line.

Date: 15<sup>th</sup> November 2021

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<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup> <https://ghgprotocol.org/standards/scope-3-standard>