



PPN-0621 CARBON REDUCTION PLAN

Supplier name: Drax Group plc

Publication date: 30 September 2021

Commitment to achieving Net Zero

Drax Group plc is committed to achieving Net Zero emissions by 2050.

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: 2020	
Additional Details relating to the Baseline Emissions calculations.	
<i>The current reported year (2020) is the baseline for scope 1, 2 and 3 emissions.</i>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	2,762,000
Scope 2	318,000
Scope 3 (Included Sources)	3,135,000 Scope 3 emissions categories included: <ul style="list-style-type: none">• 1: Purchased goods and services• 2: Capital goods• 3: Fuel- and energy-related activities not included in scope 1 or 2• 4: Upstream transportation and distribution

	<ul style="list-style-type: none"> • 5: Waste generated in operations • 6: Business travel • 7: Employee commuting • 8: Upstream leased assets • 9: Downstream transportation and distribution • 10: Processing of sold products • 11: Use of sold products
Total Emissions	6,215,000

Current Emissions Reporting

Reporting Year: 2020	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	2,762,000
Scope 2	318,000
Scope 3 (Included Sources)	3,135,000 Scope 3 emissions categories included: <ul style="list-style-type: none"> • 1: Purchased goods and services • 2: Capital goods • 3: Fuel- and energy-related activities not included in scope 1 or 2 • 4: Upstream transportation and distribution • 5: Waste generated in operations • 6: Business travel • 7: Employee commuting • 8: Upstream leased assets • 9: Downstream transportation and distribution • 10: Processing of sold products • 11: Use of sold products
Total Emissions	6,215,000

Emissions reduction targets

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

- Our ambition is to become carbon negative by 2030 (scope 1 and 2).
- We are committed to the Science Based Targets initiative and have submitted the following targets for validation: *“Drax Group plc commits to reducing its scope 1 and 2 emissions by 42% and its scope 3 emissions by 42% by 2030 from a 2020 baseline (excluding emissions from downstream leased assets).”*

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented:

- Since 2012, Drax Group has reduced its scope 1 and 2 carbon emissions by >85%. We have converted 4 of the 6 generating units at Drax Power Station to biomass, from coal.
- Our UK Generation sites are certified through their respective management systems to ISO 14001:2015 and subject to regular external audit.
- We are committed to the Science Based Targets initiative and have submitted the following targets for validation: *“Drax Group plc commits to reducing its scope 1 and 2 emissions by 42% and its scope 3 emissions by 42% by 2030 from a 2020 baseline (excluding emissions from downstream leased assets).”*

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

- We are developing options for bioenergy with carbon capture and storage (BECCS). Subject to the right government support, the first BECCS unit at Drax Power Station could be operational in 2027 with a second in 2030, permanently removing at least 8 million tonnes of CO₂ from the atmosphere each year.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the Drax Group plc Executive Committee and has been presented to the Board and received their endorsement.

Signed on behalf of the Supplier:



Will Gardiner

Chief Executive Officer

Drax Group plc

Date: 30 September 2021

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>