

REPORT

Cloudflare Emissions Inventory – 2025

June 30, 2026

Emissions inventory

The following represents Cloudflare’s comprehensive global greenhouse gas (GHG) emissions inventory for the calendar year 2025. Cloudflare’s calculations were prepared in accordance with the GHG Protocol [Corporate Standard, Greenhouse Gas Scope 2 Guidance](#), as well as ISO 14064. The following inventory results were independently reviewed and verified by [Shift Advantage](#).

Emissions category		Carbon dioxide equivalent (CO2e) in metric tons (MT)	Percent of calculated total
Scope 1		178	100%
Scope 2 (Location-based) ¹			
	Facilities	1,457	2%
	Network	73,656	98%
Scope 2 (Market-based) ²		0	100%
Scope 3		72,285	100%
Total (Market-based) ³		72,285	100%

1 Location-based emissions reflect the average emissions intensity of grids on which energy consumption occurs.
2 Market-based emissions reflect emissions from electricity that an organization has purposefully chosen. For more information on Cloudflare’s renewable energy purchases, see Renewable Energy and Offset Purchases.
3 Total (Market-based) emissions include Cloudflare’s 2025 verified offsets and renewable energy purchases.

Methodology

Scope 1 and Scope 2 emissions

Cloudflare defined its organizational boundaries using the control approach, and included all of its global operations.⁴ Cloudflare Scope 1 emissions resulted from certain facilities that Cloudflare is a lessee that uses combustion fuels for heating. For those facilities, Cloudflare estimated its emissions using the average intensity method based on energy use intensity (EUI) factors provided by the US Energy Information Administration.

Cloudflare's Scope 2 emissions are derived from its purchased electricity, which Cloudflare has elected to subdivide into its facilities and its network to further aid in transparency and comparability. Activity data for the Cloudflare global network was collected and recorded on a monthly basis from each of its data center locations in more than 335 cities in 125 countries around the world.⁵ Activity data at Cloudflare facilities was measured in two ways.⁶ All facilities for which Cloudflare had access to electrical utility information reported actual usage. For facilities that did not have access to actual usage data, Cloudflare used the average intensity method based on energy use intensity (EUI) factors provided by the US Energy Information Administration.

All activity data was converted into emissions via grid average emissions factors. Emissions factor sources included the US Environmental Protection Agency, UK DEFRA, PG&E, and the International Energy Agency (IEA).

Scope 3 emissions

Cloudflare's business objective for reporting Scope 3 emissions is to focus on sources of supply chain emissions directly related to our network, products, and services. Focusing on these sources of supply chain emissions, in the near term, will allow Cloudflare's customers to have a more accurate accounting for their own emissions resulting from the use of our services.

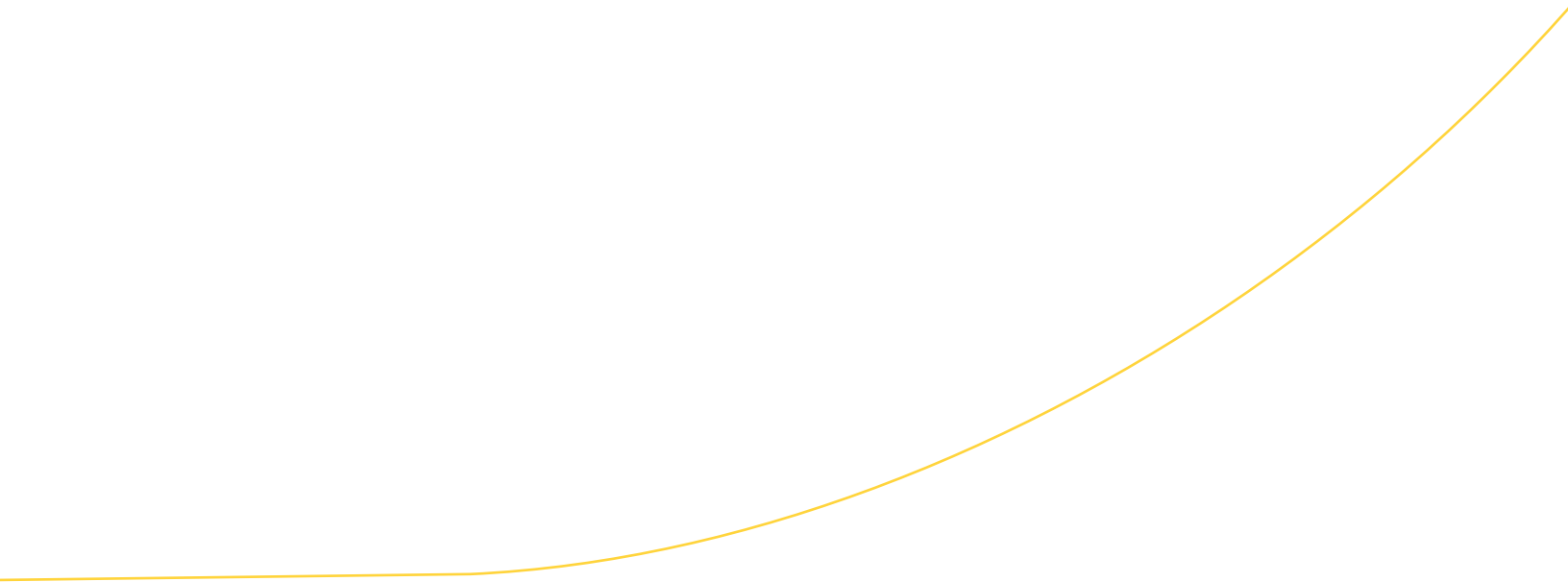
⁴ Cloudflare's organizational boundaries do not include Cloudflare's China network partners, which are not under Cloudflare's operational control.

⁵ Cloudflare's network energy data includes compute and networking hardware under Cloudflare's operational control. The calculations do not include energy used to power data center facilities (which house PoPs) not owned or controlled by Cloudflare, nor any other equipment colocated in such a facility. Cloudflare's approach is based on guidance provided by BSR and the Future of Internet Power.

⁶ Cloudflare facilities refers to Cloudflare-controlled office space.

To that end, Cloudflare is reporting on the following categories: Category 1. Purchased Services, Category 2. Capital Goods/Assets, Category 4. Upstream, and Category 5. Waste Generated in Operations. For purchased goods and services, capital goods/assets, and transportation and distribution Cloudflare used the average spend method to calculate associated emissions.

For waste generated in operations, Cloudflare used the supplier-specific method to calculate its associated emissions. Unfortunately, Cloudflare was not able to obtain data from its suppliers. Cloudflare intends to continue to report waste generated in its operations, including additional outreach to suppliers that were not able to provide actionable data in 2025. As a result, reported emissions associated with waste may vary in future reporting.



Renewable energy and offset purchases⁷

Cloudflare's market-based Scope 2 emissions are zero for 2025 as a result of the company's renewable energy and offset purchases. Cloudflare purchased renewable energy attribute certificates (I-RECs, RECs, REGO, and others) through its partner 3Degrees, equivalent to Cloudflare's global facilities and network energy usage.

Cloudflare's purchasing methodology is based on RE100's technical and geographic criteria. To that end, in 2025, Cloudflare generally purchased renewable energy in the same locality as it consumed in its operations, including in the United States, Canada, the United Kingdom, the European Union, Brazil, Chile, India, Colombia, Costa Rica, Honduras, Mexico, Malaysia, Thailand, Turkey, Vietnam, Morocco, Nigeria, and South Africa.

In certain cases, in part due to the geographically distributed nature of the Cloudflare network, the company purchased equivalent renewable energy products in the same region, or in the case of certain island nations, Verra-certified offsets. Cloudflare also procured Verra-certified offsets to account for its Scope 1 emissions.

⁷ Shift Advantage's review did not include Cloudflare renewable energy purchases. Their attestation is limited to Cloudflare's carbon emissions calculations.

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June 29, 2026

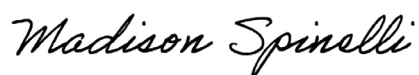
Dear Patrick and Grace,

Shift Advantage is pleased to provide an independent and impartial verification of Cloudflare's 2025 Greenhouse Gas (GHG) calculations.

This verification letter summarizes Shift Advantage's review of the sufficiency of Cloudflare's data inputs for its 2025 GHG emissions disclosure. Shift Advantage conducted an independent and impartial limited-assurance verification of Cloudflare's annual emissions disclosure data in accordance with ISO 14064-3:2019, Annex A, using criteria set forth in the Greenhouse Gas Protocol. This letter is intended to clarify matters addressed during the verification engagement. It is not a substitute for the related assurance report, including any opinions expressed therein, and is intended solely for Cloudflare's benefit.

A summary of the agreed-upon procedures, key findings, and final verification statement is provided below.

The verification engagement covers Cloudflare's 2025 calendar-year operations. For its GHG emissions reporting, Cloudflare uses an operational control approach that includes global offices and data centers. Cloudflare's emissions report covers Scope 1, Scope 2, and selected Scope 3 GHG emissions categories: 3.1 Purchased Goods and Services, 3.2 Capital Goods, 3.4 Upstream Transportation and Distribution, and 3.5 Waste.



Madison Spinelli



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