



Equinix 2024 Sustainability Data Summary

Data Sheet





Introduction

Equinix believes in a future where technology drives sustainable growth and transformative social impact. Future First is our commitment to sustainability as we deliver digital infrastructure that fosters positive change through secure, efficient and responsible solutions. We grow our digital infrastructure sustainably through our commitment to decarbonize and minimize environmental impact while enabling our customers to leverage the full potential of the digital economy. We continue to make progress on our sustainability goals and look to build a business that reflects our purpose to bring the world together to create innovations that will enrich our work, life and planet.

Equinix continues to evolve its reporting to meet the requirements of leading industry frameworks and our stakeholders' expectations. Since 2015, we have reported in alignment with the Global Reporting Initiative (GRI) Standards. Starting in 2019, we began including sustainability information in our corporate Annual Report to provide a holistic perspective on how Equinix is creating value for all stakeholders. Equinix also includes environmental and human capital disclosures in our 10-K reporting.

Equinix's environmental impacts—specifically related to energy; renewable energy; greenhouse gas emissions across Scope 1, 2 and 3; and water volumes—are third-party verified each year to ISO 14064-3 limited assurance standards. We have disclosed our climate change strategy and data through the CDP Climate Change Survey every year since 2015, and we report on our overall sustainability performance via other sustainability ratings, rankings and indices. Our [CDP survey responses](#) are available online.

The data in this report relates to Equinix's operational control boundary in the calendar year 2024. The reporting period is January 1, 2024, to December 31, 2024.

Visit our [Fiscal Year 2024 Annual Sustainability Report website](#) for more information.



Contents

Click a category below to navigate to the relevant page.

Section 1: Metrics

1.1 Greenhouse Gas (GHG) Emissions

1.1.1 GHG Emissions by Scope

1.1.2 GHG Emissions by Region

1.1.3 Carbon Intensity

1.1.4 Reduction of GHG Emissions

1.2 Energy

1.2.1 Energy Consumption Within Equinix

1.2.2 Renewable Energy Utilization
Within Equinix

1.2.3 Renewable Energy Coverage by Region

1.2.4 Renewable Energy Coverage by Type

1.2.5 Power Purchase Agreements (PPAs)

1.2.6 Energy Intensity

1.2.7 Power Usage Effectiveness (PUE)

1.3 Water

1.3.1 Water Withdrawal

1.3.2 Water Discharge

1.3.3 Water Consumption

1.3.4 Water Usage Effectiveness (WUE)

1.4 Green Building Certifications

1.4.1 Green Building Certifications

Section 2: Standards and Assurance

2.1 Reporting Criteria

2.2 Emissions Factors

2.3 Verification Statement





Section 1: Metrics

All metrics are global unless otherwise stated.

1.1 Greenhouse Gas (GHG) Emissions

We have updated our methodology. The resulting adjustments account for the minor discrepancies between current figures and those reported historically.

Due to rounding, some of the totals and breakouts may differ.

All values listed are accurate as of April 2025.

1.1.1 GHG Emissions by Scope (mtCO₂e)

	2019 (Baseline)	2022	2023	2024
Scope 1	40,700	40,300	29,000	59,400
Scope 2				
Location-based	2,081,000	2,418,000	2,623,800	2,693,500
Market-based	308,000	241,000	247,600	253,300
Subtotal Scope 1 + Scope 2 (market-based)	348,700	281,300	276,600	312,700
Scope 3	1,311,000	1,292,000	1,249,000	1,435,000
Total Emissions (Scope 1 + Scope 2 [market-based] + Scope 3)	1,659,700	1,573,300	1,525,600	1,747,700





1.1.2 GHG Emissions by Region (mtCO2e)

	2019 (Baseline)	2022	2023	2024
Scope 1				
Americas	14,500	20,600	18,700	15,900
Asia-Pacific	9,800	9,200	5,200	5,300
Europe, the Middle East and Africa	16,400	10,500	5,100	38,200
Global	40,700	40,300	29,000	59,400
Scope 2 (location-based)				
Americas	825,500	904,500	996,600	912,600
Asia-Pacific	641,000	882,100	895,600	858,500
Europe, the Middle East and Africa	614,500	631,500	731,600	922,400
Global	2,081,000	2,418,000	2,623,800	2,693,500
Scope 2 (market-based)				
Americas	78,500	8,000	5,900	10,800
Asia-Pacific	209,000	230,100	239,900	240,500
Europe, the Middle East and Africa	20,500	2,900	1,800	2,000
Global	308,000	241,000	247,600	253,300
Operational Emissions (Scope 1 + Scope 2 [market-based])	348,700	281,300	276,600	312,700





1.1.3 Carbon Intensity (mtCO2e/million USD revenue)

	2019 (Baseline)	2022	2023	2024
Operational Carbon Intensity (Scope 1 + Scope 2 [market-based])	63	39	34	36
(Scope 1 + Scope 2 [location-based])	381	338	324	315

1.1.4 Reduction of GHG Emissions

Changes from Baseline	2019 (Baseline)	2022	2023	2024
Operational Emissions				
Scope 1	-	-1%	-29%	+46%
Scope 2 (location-based)	-	+16%	+26%	+29%
Scope 2 (market-based)	-	-22%	-20%	-18%
Operational Emissions (Scope 1 + Scope 2 [market-based])		-19%	-21%	-10%
Scope 3	-	-5%	-8%	+5%





1.2 Energy

Due to rounding, some of the totals and breakouts may differ.

All values listed are accurate as of April 2025.

1.2.1 Energy Consumption¹ Within Equinix (GWh)

	2019 (Baseline)	2022	2023	2024
Americas	2,510	3,270	3,450	3,510
Asia-Pacific	1,160	1,700	1,730	1,850
Europe, the Middle East and Africa	2,140	2,940	3,120	3,510
Global	5,810	7,910	8,300	8,870

¹ Scope 1 (natural gas, diesel, and hydrotreated vegetable oil [HVO]) and Scope 2 (electric power, fuel cells operated under power purchase agreements, and chilled water) sources. Equinix's energy intensity is driven both by site efficiency as well as how we generate revenue around the world.

1.2.2 Renewable Energy Utilization Within Equinix (GWh)

	2019 (Baseline)	2022	2023	2024
Americas	2,300	3,190	3,400	3,450
Asia-Pacific	850	1,330	1,350	1,470
Europe, the Middle East and Africa	2,100	2,910	3,100	3,310
Global	5,250	7,430	7,850	8,230





1.2.3 Renewable Energy Coverage by Region¹

	2019 (Baseline)	2022	2023	2024
Americas	93%	100%	100%	100%
Asia-Pacific	75%	81%	81%	82%
Europe, the Middle East and Africa	100%	100%	100%	100%
Global ²	92%	96%	96%	96%

¹ Renewable energy coverage is calculated using electricity consumption (including electric power from grid and fuel cells operated under power purchase agreements).

² Equinix has set a goal of 100% clean and renewable energy across our global portfolio by 2030.

1.2.4 Renewable Energy Coverage by Type¹

	2019 (Baseline)	2022	2023	2024
Power Purchase Agreements (PPAs)	16%	12%	10%	11%
Unbundled EACs ²	41%	43%	46%	47%
Utility-Supplied EACs ³	35%	41%	40%	38%
Total	92%	96%	96%	96%

¹ Renewable energy coverage is calculated using electricity consumption (including electric power from grid and fuel cells operated under power purchase agreements).
Equinix has set a goal of 100% clean and renewable energy across our global portfolio by 2030.

² Unbundled Energy Attribute Certificates (EACs) represent the purchase of EACs that are decoupled from the underlying electricity contract.

³ Utility-supplied EACs represent the purchase of EACs that are bundled with a supply contract for electricity.





1.2.5 Power Purchase Agreements (PPAs)

	2022	2023	2024
PPAs in Operation (#)	2	2	4
PPAs in Operation (MW)	225	225	299
Total PPAs (#) ¹	5	20	25
Total PPAs (MW) ¹	369	912	1,285

¹ Figures include both operational projects and those in development that are slated for operation between 2025 and 2029.

1.2.6 Energy Intensity

	2019 (Baseline)	2022	2023	2024
GWh/Million USD Revenue	1.028	1.077	1.007	0.989
GWh/Million Square Feet	243	278	284	277

1.2.7 Power Usage Effectiveness (PUE)

	2019 (Baseline)	2022	2023	2024
Average Annual PUE	1.54	1.46	1.42	1.39





1.3 Water

Water volumes disclosed account for our entire global data center portfolio.

All values listed are accurate as of April 2025.

1.3.1 Water Withdrawal (megaliters)

	2023	2024
Total Withdrawal	5,970	5,440
From third-party (municipal supply)	5,860	5,140
From groundwater	110	300
Withdrawal from Areas with High Baseline Water Stress	1,910	2,140
Nonpotable Source (%)	25%	37%

1.3.2 Water Discharge (megaliters)

	2023	2024
Total Discharge	2,390	1,260
To third-party (municipal sewage)	2,390	1,190
To surface water	-	70
Discharge to Areas with High Baseline Water Stress	790	460

1.3.3 Water Consumption (megaliters)

	2023	2024
Total Consumption	3,580	4,180
Consumption from Areas with High Baseline Water Stress	1,120	1,680

1.3.4 Water Usage Effectiveness (WUE)

	2023	2024
All Data Centers	1.07	0.95
Data Centers with Evaporative Cooling	1.63	1.55

For more transparency, Equinix discloses two WUE metrics: the WUE for our entire portfolio and, separately, the WUE exclusively for data centers where water is used for cooling.





1.4 Green Building Certifications

We are continuing to evolve transparency and granularity when reporting the green building sustainability measures that we have implemented across our global portfolio.

1.4.1 Green Building Certifications

	2022	2023	2024
Total Certifications ¹	52	60	68
Data Centers with a LEED Certification	45	51	58

¹ These certifications include LEED, Green Globes, SS 564 Singapore Green Data Center Standard, BCA Green Mark and NABERS.





Section 2: Standards and Assurance

2.1 Reporting Criteria

Sector	Metric	Criteria
Carbon	GHG Emissions Statement	GHG Protocol
Energy	Energy Consumption	"Disclosure 302-1: Energy consumption" from GRI 302: Energy 2016
	Energy Intensity	"Disclosure 302-3: Energy intensity" from GRI 302: Energy 2016
	Renewable Energy	"Disclosure 302-1: Energy consumption" from GRI 302: Energy 2016
Water	Water Withdrawal	"Disclosure 303-3: Water withdrawal" from GRI 303: Water and Effluents 2018
	Water Discharge	"Disclosure 303-4: Water discharge" from GRI 303: Water and Effluents 2018
	Water Consumption	"Disclosure 303-5: Water consumption" from GRI 303: Water and Effluents 2018





2.2 Emissions Factors

Scope and Emissions Source	Emissions Factor Source
Scope 1 (diesel)	WRI (2015) GHG Protocol Tool for Stationary Combustion, Version 4.7
Scope 1 (HVO)	2024 Guidelines to DEFRA
Scope 1 (refrigerants)	2024 Guidelines to DEFRA IPCC AR6 U.S. EPA MRR
Scope 1 (natural gas)	WRI (2015) GHG Protocol Tool for Stationary Combustion, Version 4.7
Scope 2 (alternative energy - fuel cell)	Manual
Scope 2 (chilled water)	U.S. EPA eGRID (2022) International Energy Agency (IEA) 2022 (2024 edition) Ecoinvent 3.11
Scope 2 (electric power - U.S.)	Utility Emission Factors (2024) U.S. EPA eGRID 2023 (2021 data)
Scope 2 (electric power - EU)	Utility Emission Factors (2024) RE-DISS Residual European Mix - 2022 v.1
Scope 2 (electric power - Canada)	Utility Emission Factors (2024) Environment and Climate Change Canada - 2023 National Inventory Report (2022 data)
Scope 2 (electric power - Australia)	Utility Emission Factors (2024) Australian Government National Greenhouse Account Factors
Scope 2 (electric power - global, if not listed above)	Utility Emission Factors (2024) IEA CO2 Emissions from Fuel Combustion 2023 - Year 2021





2.3 Verification Statement

Verification Statement
Carbon Disclosure Project (CDP)



Equinix Inc.

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Redwood City
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USA

Statement on Renewables
Lucideon was contracted by Equinix, Inc. ("Equinix") to undertake the actions necessary to provide limited assurance verification of their scope 1, 2 & 3 GHG emissions and water for submission to the Carbon Disclosure Project ("CDP"), reporting under operational control criteria, for the period 1st January 2024 to 31st December 2024. The verification was carried out against the requirements of ISO 14064-3 for organizational level reporting.

As part of the CDP verification process the renewable certificates / contracts defined in Equinix's renewable energy allocation data in the AiTrack portal were checked on a sampling basis to confirm they covered the kWh reported or renewables contract for individual sites.

Verification Criteria: Limited Assurance

Period: 2024 (1st January – 31st December inclusive)

Verifiers Opinion
Based on the evidence provided and the samples selected for verification, it is the opinion of Lucideon that the renewable certificates / contracts detailed in Equinix's renewable energy allocation data in the AiTrack portal are correctly stated.

Signed:



Andrew Shepherd
Lead Auditor
19th March 2025



Jason Monckton
Independent Reviewer
24th March 2025

Both the GHG Lead Auditor and the Independent Technical Reviewer confirm that there is no known associated conflict of interest with this engagement.

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