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Customer id: yf18167-ovh

Monthly Carbon Emissions per category August 2023

Unit: kg CO₂e

Manufacturing	0 kg CO ₂ e	0%
Electricity	0 kg CO ₂ e	0%
Operations	0 kg CO ₂ e	0%
Total CO₂ emissions	0 kg CO₂e	0%

Values are rounded to nearest integer

Yearly Carbon Emissions per category 2023

Unit: kg CO₂e

Manufacturing	0 kg CO ₂ e	0%
Electricity	0 kg CO ₂ e	0%
Operations	0 kg CO ₂ e	0%
Total CO₂ emissions	0 kg CO₂e	0%

Values are rounded to nearest integer

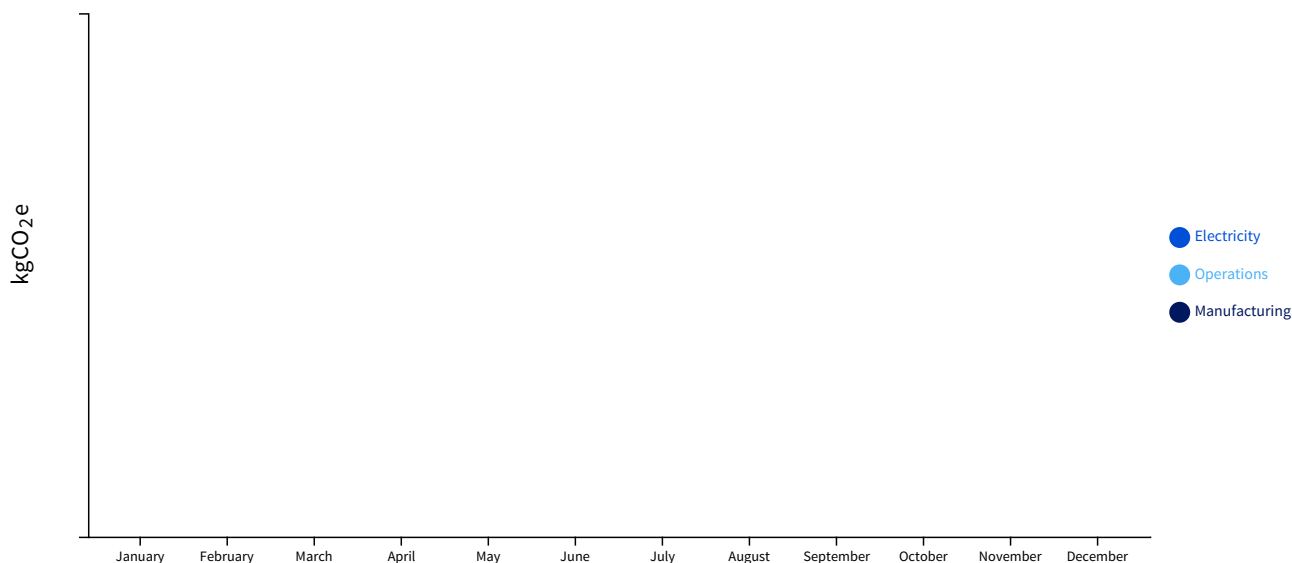
General Information

Information related to manufacturing, electricity and operations are available in appendix (methodological notes).

How to reduce my footprint ?

From our earliest days, we have been committed to sustainability - reducing IT components waste, optimizing data center energy consumption, innovating for more efficient cooling systems. To help you in your emission reduction plan you can learn more on [OVHCloud Corporate Website](#)

Gross Monthly Carbon Emissions per category



APPENDIX

Methodological note

MANUFACTURING:

Quantify servers manufacturing only, with an amortization of 5 years. Emission factor depends on servers components.

ELECTRICITY:

Quantify the emissions associated to energy consumptions of servers, for a usage rate close to 100%, weighted by OVHcloud PUE. Emission factor depends on location-based electrical mix.

OPERATIONS:

Quantify emissions associated to OVHcloud and Datacenters operations (without Datacenters electricity). It includes :

Scope 1 : Back-up Power Generators + Diffuse Emissions of HVAC

Scope 3 : Freight and Transportation + Building immobilization and capital goods + Business travel + Employee commuting + End of life treatment + Goods and services purchased for OVH Operations (Water, Employees computers, Internal information system)

Weighting of all operations is equally distributed between all servers.

The sum of Manufacturing + Electricity + Operations gives all of OVHcloud's emission, all scope included.

For Hosted Private Cloud products, only hosts are taken into account. Data stores are currently excluded from this study.

Additional information

Workload and power consumption:

In this carbon emission document, the calculation of power consumption of Baremetal servers is made on 100% of services use, 24/7. Otherwise:

- 39,4% power consumption is used for idle consumption mode
- 51,2% power is used for '20%' consumption mode
- 72,4% power is user for '50%' consumption mode

For Hosted Private Cloud, energy consumption is based on the monthly usage of the customer, with an estimated workload of 100%

Electricity mix, PUE and WUE

Datacenter	Electricity emissions *		Source	PUE	WUE
Beauharnois	BHS	Low	Provider Data, based on: https://doi.org/10.1016/j.rser.2020.110433	1,23	-
Erith	ERI	Low	IEA Emissions factor 2022	1,24	0,45
Gravelines	GRA	Low	IEA Emissions factor 2022	1,19	0,17
Hauts-de-France	HDF	Low	IEA Emissions factor 2022	1,28	-
Hilsboro	HIL	Low	Based on Oregon Electricity Profile 2021: http://www.eia.gov/electricity/state/oregon/	1,48	1,1
Limburg	LIM	Medium	IEA Emissions factor 2022	1,26	0,07
Mumbai	MUM	High	IEA Emissions factor 2022	1,28	-
Paris	PAR	Low	IEA Emissions factor 2022	-	-
Roubaix	RBX	Low	IEA Emissions factor 2022	1,36	0,27
Strasbourg	SBG	Low	IEA Emissions factor 2022	1,24	0,43
Singapore	SGP	Medium	IEA Emissions factor 2022	1,8	-
Sydney	SYD	High	IEA Emissions factor 2022	1,29	-
Vin Hill	VIN	Medium	Based on Virginia Electricity Profile 2021: http://www.eia.gov/electricity/state/Virginia/	1,34	0,13
Warsaw	WAW	High	IEA Emissions factor 2022	1,35	0,32

* Low: [0;0,1] - Medium: [0,1;0,5] - High: [0,5;1] - Unit kg CO₂e/kWh