

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2024 of

Acer Incorporated

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New Taipei City 221, Taiwan, R.O.C.

has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of

WBCSD/WRI Greenhouse Gas (GHG) Protocol

Opinion Type: Modified

Direct emissions

2,145.05 tonnes of CO₂e

Energy Indirect emissions

14,459.71 tonnes of CO₂e

Other Indirect emissions

4,984,022.10 tonnes of CO₂e

Direct emissions and indirect emissions

16,604.76 tonnes of CO₂e

Authorized by



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The data of the verification result of GHG emissions is described as below:

Operational boundaries		GHG Emissions (tonnes of CO ₂ e)	
Inventory categories	Description	Location-based	Market-based
Scope 1: Direct emissions from owned/controlled operations	The direct GHG emissions cover stationary, mobile, process and fugitive emission sources.	2,145.052	
Scope 2: Indirect emissions from the use of purchased electricity, steam, heating, and cooling	The indirect energy GHG emissions cover energy such as electricity and steam.	14,459.710	6,174.100
Upstream scope 3 emissions			
Category 1: Purchased goods and services	Purchased goods and services	3,928,836.10	
Category 2: Capital goods	Capital goods	non-significant emission	
Category 3: Fuel- and energy-related activities (not included in scope 1 or scope 2)	Fuel- and energy-related activities (not included in scope 1 or scope 2)	3,532.04	
Category 4: Upstream transportation and distribution	Upstream transportation and distribution	48,254.00	
Category 5: Waste generated in operations	Waste generated in operations	58.03	
Category 6: Business travel	Business trave	7,257.69	
Category 7: Employee commuting	Employee commuting	5,924.31	
Category 8: Upstream leased assets	Upstream leased assets	non-significant emission	
Downstream scope 3 emissions			
Category 9: Downstream transportation and distribution	Downstream transportation and distribution	non-significant emission	
Category 10: Processing of sold products	Processing of sold products	N/A	
Category 11: Use of sold products	Use of sold products	923,141.60	
Category 12: End-of-life treatment of sold products	End-of-life treatment of sold products	24,007.78	
Category 13: Downstream leased assets	Downstream leased assets	43,010.54	
Category 14: Franchises	Franchises	N/A	
Category 15: Investments	Investments	non-significant emission	
Direct emissions and indirect emissions		5,000,626.855	4,992,341.245

Operational boundaries			GHG Emissions (tonnes of CO ₂ e)	
Inventory categories	Description		Location-based	Market-based
Purchased Renewable Energy Certificate(s) Information				
Site/Location	Type	Renewable Energy Source/Location	Energy indirect emissions	
			Location-based	Market-based
Pan American	REC	Wind/USA, Canada, Brazil and Mexico	778.057	-
EMEA	GO I-REC	Hydropower, Wind, Solar/Austria, Czech Republic, Denmark, Finland, France, Germany, Italy, Middle East (UAE), Netherland, Norway, Poland, South Africa, Spain, Sweden, Switzerland, U.K.	1,299.016	8.377
Taiwan	T-REC	Wind	8,489.202	5,316.469
Asia Pacific	I-REC/ NFC	Solar, Wind, Geothermal/India, Indonesia, Japan, Malaysia, Philippines, Thailand, Vietnam	3,091.454	849.254
China	GEC	Wind/China, Hong Kong	801.98	-
Global Total	--	--	14,459.710	6,174.100