

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2024 of

Acer Incorporated

8F, No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist.,
New Taipei City 221, Taiwan, R.O.C.

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

ISO 14064-1:2018

Opinion Type: Modified

Direct emissions

2,145.05 tonnes of CO₂e

Indirect emissions

14,459.71 tonnes of CO₂e

Direct emissions and indirect emissions

16,604.76 tonnes of CO₂e

Authorized by



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Date: 19 July 2025

Version 1

TGP56B-15-1 2501
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The emission of each category is described as below:

Unit: tonnes of CO_{2e}

Reporting Boundaries			GHG Emissions	
Inventory categories		Description	Location-based	Market-based
Direct emissions		This direct GHG emissions are the sum of owned or controlled by the organization within the organization.	2,145.052	
Indirect emissions	Imported energy	Indirect emissions from purchased electricity from all verified plants	14,459.710	6,174.100
	Transportation	Emissions from business travel	7,257.69	
		Emission from Employee Commuting	5,924.31	
		Emissions from upstream transportation and cargo distribution	48,254.00	
	Products/ Services used by an organization	Emissions from purchased goods	3,928,836.10	
		Emissions from solid and liquid waste treatment	58.03	
		Fuel-and energy related activity(not included in scope1 and scope 2)	3,532.04	
	Associated with the use of products from the organization	Emissions during product use	923,141.60	
		Emissions from downstream leased assets	43,010.54	
		Emission from end of life stage of the product	24,007.78	
	Other sources	—	—	
Direct emissions and indirect emissions			5,000,626.855	4,992,341.245
Purchased Renewable Energy Certificate(s) Information				
Site/Location	Type	Renewable Energy Source/Location	Imported energy 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,	1,299.016	8.377

		Middle East (UAE), Netherland, Norway, Poland, South Africa, Spain, Sweden, Switzerland, U.K.		
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

List of companies for type of green electricity used

Business Group & Company 事業群及公司	Usage in kWh 總用電量(度)	Renewable Electricity in kWh 再生電力使用量(度)	Ratio 比例	
NB, DT, Momitor related Business Group 資訊產品事業				
Acer Inc 宏碁公司 (總部 & 台灣區)	6,971,230	4,124,399	59.16%	79.9%
Acer Inc_ACCN 中國區	508,773	508,773	100.00%	
Acer Inc_PA 泛美區	2,653,213	2,653,213	100.00%	
Acer Inc_EMEA 歐亞非中東區	4,444,240	4,411,308	99.26%	
Acer Inc_PAP 亞太區	4,287,283	3,309,768	77.20%	
Solar power for self- consumption 太陽能自發自用	294,875	294,875	100.00%	
Subtotal 小計	19,159,614	15,302,336		
Other Business Group 其他非資訊產品事業等				
AcerThirdWave 第三波軟件	6,620	6,620	100.00%	28.4%

AGM 宏碁遊戲	1,349,187	949,043	70.34%
AOPEN 建碁	40,665	27,996	68.85%
ASDI & APDI 渴望園區 & 龍顯國際	4,235,804	-	0.00%
EDC 雲架構	2,297,538	2,297,538	100.00%
AGT 倚天酷碁	87,730	-	0.00%
AST 宏碁智聯	171,599	-	0.00%
Weblink 展碁	1,315,785	40,824	3.10%
ITS 宏碁智通	257,932	-	0.00%
ACCSI 安碁	791,267	-	0.00%
AEB 宏碁資訊	540,545	-	0.00%
MPS 聯永碁	34,575	-	0.00%
ALT 安圖斯	26,072	-	0.00%
AMED 宏碁智醫	53,140	-	0.00%
API 宏碁智新	1,775	-	0.00%
HSNC 海柏特	271,639	-	0.00%
BLUECHIP GROUP	230,685	-	0.00%
Subtotal 小計	11,712,558	3,322,021	
Total 總計	30,872,172	18,624,357	60.3%

The emission of each site is described as below:

Unit: tonnes of CO₂e

	Scope 1	Scope 2 - Location Base	Scope 2 - Market Base	Scope 1+2 – Location Base	Scope 1+2 – Market Base
Acer Inc. 宏碁	1,867.69	11,715.68	4,592.08	13,583.37	6,459.77
AOPEN 建基	-	16.22	6.26	16.22	6.26
AST 智聯服務	3.93	84.77	84.77	88.70	88.70
Weblink 展基	34.96	646.90	629.83	681.86	664.79
ACCSI 安碁	201.84	1,525.87	390.89	1,727.71	592.72
AEB 宏碁資訊	1.50	267.03	267.03	268.53	268.53
AGT 倚天酷碁	0.26	43.34	43.34	43.60	43.60
HSNC 海伯特	34.87	159.90	159.90	194.78	194.78
Acer Group 總計	2,145.05	14,459.71	6,174.10	16,604.76	8,319.15