

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2023 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

Direct emissions

2,339.308 tonnes of CO₂e

Indirect emissions

14,252.256 tonnes of CO₂e

Direct emissions and indirect emissions

16,591.564 tonnes of CO₂e

Authorized by



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Business Assurance Director

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Version 1

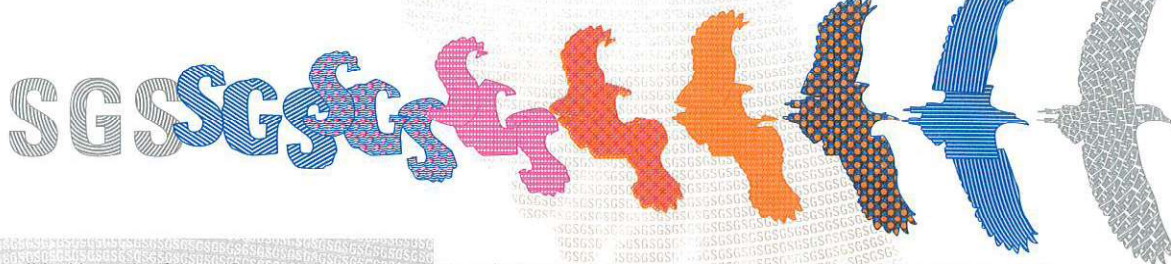
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Opinion TW24/00458GG, continued

The emission of each category is described as below:

Unit: tonnes of CO₂e

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.	2,339.308	
Indirect emissions	Imported energy	14,252.256	8,219.650
	Transportation	Emissions from business travel	4,085.25
		Emission from Employee Commuting	9,791.44
		Emissions from upstream transportation and cargo distribution	39,393.71
	Products used by an organization	Emissions from purchased goods	4,825,029.71
		Emission associated with the production of energy purchased	5,025.86
		Emissions from solid and liquid waste treatment	46.92
	Associated with the use of products from the organization	Emissions during product use	867,672.54
		Emissions from downstream leased assets	25,539.59
		Emission from end of life stage of the product	17,549.59
	Other sources	—	—
Direct emissions and indirect emissions		5,810,726.18	5,804,693.58

Purchased Renewable Energy Certificate(s) Information				
Site/Location	Type	Renewable Energy Source/Location	Imported energy emissions	
			Location-based	Market-based
Pan American	REC I-REC	Wind/USA, Canada, Brazil and Mexico	783.304	0.000
EMEA	Green Electricity GO I-REC	Hydro power, Wind/Austria, Germany, Netherland, Denmark, Finland, Spain, Switzerland, U.K., Norway, Czech Republic, Poland, Turkey, South Africa	1,366.215	45.040

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Taiwan	T-REC	Wind	8,814.382	7,205.137
Asia Pacific	I-REC	Solar, Wind/Thailand, Philippines, Malaysia, Vietnam, Indonesia, India, Australia Solar/ Japan	2,514.000	969.473
China	I-REC	Hydro Power / China, Hong Kong	774.355	0.000
Global Total	--	--	14252.256	8,219.610

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)	Green Electricity in kWh 綠電使用量(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)	7,690,233.68	1,429,000.00	18.58%	<u>61.01%</u>
Acer Inc_ACCN 中國區	502,836.76	502,836.76	100.00%	
Acer Inc_PA 泛美區	2,607,943.39	2,607,943.39	100.00%	
Acer Inc_EMEA 歐亞非中東區	4,595,297.04	4,493,855.76	97.79%	
Acer Inc_PAP, HSN, Servex 亞太區	3,933,307.58	2,631,728.70	66.91%	
自發自用	327,120.00	327,120.00	100.00%	
小計	19,656,738.44	11,992,484.61		
Other Business Group 其他非資訊產品事業等				
AcerThirdWave 第三波 軟件	14,018.40	14,018.40	100.00%	<u>24.42%</u>
AGM 宏碁遊戲	1,169,843.00	850,693.00	72.72%	
AOPEN 建碁	41,514.73	27,995.73	67.44%	

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ASDI & APDI 渴望園區 & 龍顯國際	4,214,221.00	-	0.00%	
EDC 雲架構	2,396,637.00	1,822,000.00	76.02%	
AGT 倚天酷睿	72,902.01	-	0.00%	
ISU 宏碁智聯	148,876.00	-	0.00%	
Weblink 展碁	1,259,147.00	35,648.00	2.83%	
ITS 宏碁智通	266,722.00	-	0.00%	
ACCSI 安碁	860,477.00	-	0.00%	
AEB 宏碁資訊	503,740.51	-	0.00%	
MPS 聯永碁	33,825.78	-	0.00%	
ALT 安圖斯	31,497.66	-	0.00%	
AMED 宏碁智醫	38,496.00	-	0.00%	
宏碁智新	2,159.00	-	0.00%	
HSNC 海柏特	31,317.53	-	0.00%	
BLUECHIP GROUP	177,079.68	-	0.00%	
小計	11,262,474.30	2,750,355.13		
Total	30,919,212.74	14,742,839.74	47.68%	<u>47.68%</u>

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Energy Indirect emissions Category II (Location Base)	Energy Indirect emissions Category II (Market Base))	Total GHG emissions (Direct emission+Energy Indirect emissions-Location base)	Total GHG emissions (Direct emission+Energy Indirect emissions-Market base)
Acer 宏碁	2,081.30	11,643.70	6,537.81	13,724.99	8,619.11
AOPEN 建基	-	17.87	6.69	17.87	6.69
ISU 智聯服務	3.53	73.69	73.69	77.22	77.22
Weblink 展碁	34.19	619.29	605.63	653.48	639.82
ACCSI 安碁	218.24	1,612.27	710.38	1,830.51	928.62
AEB 宏碁資訊	1.81	249.35	249.35	251.16	251.16
AGT 倚天酷碁	0.25	36.09	36.09	36.34	36.34
Global Total	2,339.31	14,252.26	8,219.65	16,591.56	10,558.96