

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2024 of

Chicony Power Technology Co., Ltd.

20F-21F, 23F-30F, No.69, Sec. 2, Guangfu Rd., Sanchong Dist.,
New Taipei City 241, 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

2,241.8634 tonnes of CO₂e

Indirect emissions

19,375,468.1404 tonnes of CO₂e

Direct emissions and indirect emissions

19,377,710.004 tonnes of CO₂e

Authorized by



Stephen Pao

Business Assurance Director

Date: 06 June 2025

Version 1

TGP56B-15-1 2501
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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		Direct emissions from stationary combustion	359.8896	
		Direct emissions from mobile combustion	249.6797	
		Direct process emissions and removals from industrial processes	0.0000	
		Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	1,632.2941	
		Direct emissions and removals from land use, land use change and forestry	0.0000	
Indirect emissions	Imported energy	Indirect Greenhouse Gas Emissions from Purchased Electricity	34,383.3456	21,764.3140
	Transportation	Indirect Greenhouse Gas Emissions from Transportation Activities, Including Material and Product Transport, Employee Commuting, and Business Travel	27,270.2156	
	Products used by an organization	Indirect Greenhouse Gas Emissions from the Use of Products by the Organization	892,388.0205	
	Associated with the use of products from the organization	Indirect Greenhouse Gas Emissions Related to the Use of the Organization's Products	18,421,426.5587	
	Other sources	NA	-	
Direct emissions and indirect emissions			19,377,710.004	19,365,090.972
Purchased Renewable Energy Certificate(s) Information				
Site/Location	Type	Renewable Energy Source/Location	Imported energy emissions	
			Location-based	Market-based
China/Chicony Power Technology (Dongguan) Co., Ltd.	GEC	Solar; Wind/ China	10,600.2550	9,811.4247
China/Chicony Power Technology (Suzhou) Co., Ltd.	GEC	Solar; Wind / China	13,459.7498	1,629.5485

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Indirect emissions		Total GHG emissions
	Category 1	Category 2	Category 3~6	
Chicony Power Technology Co., Ltd./Chicony Power Technology Co., Ltd.	85.8858	1,573.3396	1,105.0432	2,764.269
Chicony Power Technology Co., Ltd./Chicony Power Technology (Dongguan) Co., Ltd.	220.0347	10,600.2550	4,310,787.9981	4,321,608.288
Chicony Power Technology Co., Ltd./Chicony Power Technology (Suzhou) Co., Ltd.	1,247.2808	13,459.7498	5,007,958.4065	5,022,665.437
Chicony Power Technology Co., Ltd./Chicony Power Technology (Chong Qing) Co., Ltd.	543.1963	1,861.2307	4,204,998.4276	4,207,402.855
Chicony Power Technology Co., Ltd./Chicony Power Technology (Thailand) Co., Ltd.	113.5463	6,127.1784	5,808,974.0402	5,815,214.765
Chicony Power Technology Co., Ltd./Zhuzhou Torch Auto Lamp Co., Ltd.	3.0801	487.5218	4,655.7250	5,146.327
Chicony Power Technology Co., Ltd./Guang Sheng Electronics (Nanchang) Co., Ltd.	7.1388	101.1561	2,573.0877	2,681.383
Chicony Power Technology Co., Ltd./Chicony Energy Saving Technology (Shanghai) Co., Ltd.	0.0000	1.7260	0.2993	2.025
Chicony Power Technology Co., Ltd./Chicony Power Technology Hong Kong Limited	0.0093	82.8457	14.3669	97.222

Chicony Power Technology Co., Ltd./Guangfu Warehouse	18.7591	57.2734	11.2808	87.313
Chicony Power Technology Co., Ltd./High-Acceleration Laboratory	2.9322	31.0691	6.1195	40.121

SGS has been contracted for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2019

as provided by Chicony Power Technology Co., Ltd. (hereinafter referred to as “Chicony Power”), 20F-21F, 23F-30F, No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.), in the GHG Statement in the form of GHG report.

Roles and responsibilities

- The management of Chicony Power is responsible for the organization’s GHG information system, the development and maintenance of records and reporting procedures in accordance with that system, including the calculation and determination of GHG emissions information and the reported GHG emissions.
- The verification was based on the verification scope, objectives and criteria as agreed on 08 May 2024.
- Verification Criteria: ISO 14064-1:2018
- Verification Period: 04 February 2025 to 11 April 2025.

Scope

- GHG information for the following period was verified: 01 January 2024 to 31 December 2024
- Location/boundary of the activities:

Site	Location/boundary
Chicony Power Technology Co., Ltd./Chicony Power Technology Co., Ltd.	20~21F 、 23F~30F No.69, Sec. 2, Guangfu Rd.,Sanchong Dist., New Taipei City 241, Taiwan
Chicony Power Technology Co., Ltd./High-Acceleration Laboratory	No. 378, Shennong St., Sanchong Dist., New Taipei City, Taiwan (R.O.C.)
Chicony Power Technology Co.,	No. 2, Ln. 129, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City , Taiwan (R.O.C.)

Ltd./Guangfu Warehouse	
Chicony Power Technology Co., Ltd./Chicony Power Technology Hong Kong Limited	Room 301-307, 5 Science Park West Avenue, HK Science Park, Shatin, N.T., Hong
Chicony Power Technology Co., Ltd./Chicony Energy Saving Technology (Shanghai) Co., Ltd.	Room 806, Building B, No.1308, Lianhua Road, Shanghai, P.R.C.
Chicony Power Technology Co., Ltd./Chicony Power Technology (Dongguan) Co., Ltd.	Room 101, No. 353, Section Liaobu, Shida Road, Liaobu Town, Dongguan City
Chicony Power Technology Co., Ltd./Chicony Power Technology (Suzhou) Co., Ltd.	No.2589 ,Tongjin Road,Wujiang Economic Development Zone, Jiangsu P.R.C.
Chicony Power Technology Co., Ltd./Chicony Power Technology (Chong Qing) Co., Ltd.	No.98 JiuJiang Road ,ShuangFu Street ,JiangJin District,ChongQing ,China
Chicony Power Technology Co., Ltd./Chicony Power Technology (Thailand) Co., Ltd.	111/1,111/2 Moo 4,Tha Kham Subdistrict, Bang Pakong District, Chachoengsao Province 24130, Thailand
Chicony Power Technology Co., Ltd./Guang Sheng	North of Second Torch Road, Nanchang High-tech Zone

Electronics (Nanchang) Co., Ltd.	
Chicony Power Technology Co., Ltd./Zhuzhou Torch Auto Lamp Co., Ltd.	"101#,201#,301# of D1 Building, 201#,301# of D2 Building, 5th Period of Xinma Power Innovation Park, No. 899, Xianyue Road, Tianyuan District, Zhuzhou, Hunan, P.R.C."

- Types of GHGs included: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
- The IPCC 2021 AR6 GWP values are applied in this inventory.
- Emission factor(Taiwan):
 - Direct emissions: Greenhouse Gas Emission Factor Table (6.0.4)
 - Indirect emissions:
 - Electricity emission factor is 0.494 kgCO₂e/kwh (Announced by Energy Administration, Ministry of Economic Affairs in 2024).
 - The secondary database has Carbon Footprint Information Platform, ICAO Carbon Emissions Calculator, CFP emission factor published by Taiwan High Speed Rail.
- The level of assurance for category 1 and category 2 agreed is that of reasonable assurance. Category 3 till category 6 agreed is that of limited assurance.
- Materiality : 5%
- The version of inventory sheet:

Site	Date
Chicony Power Technology Co., Ltd./Chicony Power Technology Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./High-Acceleration Laboratory	2025/03/31
Chicony Power Technology Co., Ltd./Guangfu Warehouse	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Power Technology Hong Kong Limited	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Energy Saving Technology (Shanghai) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Power Technology (Dongguan) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Power Technology (Suzhou) Co., Ltd.	2025/03/31

Chicony Power Technology Co., Ltd./Chicony Power Technology (Chong Qing) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Power Technology (Thailand) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Guang Sheng Electronics (Nanchang) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Zhuzhou Torch Auto Lamp Co., Ltd.	2025/03/31

- The version of GHG statement:

Site	Date
Chicony Power Technology Co., Ltd./Chicony Power Technology Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./High-Acceleration Laboratory	2025/03/31
Chicony Power Technology Co., Ltd./Guangfu Warehouse	
Chicony Power Technology Co., Ltd./Chicony Power Technology Hong Kong Limited	
Chicony Power Technology Co., Ltd./Chicony Energy Saving Technology (Shanghai) Co., Ltd.	
Chicony Power Technology Co., Ltd./Chicony Power Technology (Dongguan) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Power Technology (Suzhou) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Power Technology (Chong Qing) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Chicony Power Technology (Thailand) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Guang Sheng Electronics (Nanchang) Co., Ltd.	2025/03/31
Chicony Power Technology Co., Ltd./Zhuzhou Torch Auto Lamp Co., Ltd.	2025/03/31

- Intended user of the verification opinion: Private

Objective

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the GHG emissions are as declared by the organization's GHG statement
- The data reported are accurate, complete, consistent, transparent and free of material error or omission.

Conclusion

SGS's approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions information and the controls in place to mitigate these. Our examination includes assessment, on a test basis, of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions. We planned and performed our work to obtain the information, explanations and evidence that the GHG emissions are free from material misstatement.

- The greenhouse gas emissions is 19,377,710.004 metric tonnes of CO₂ equivalent
- The emissions from the combustion of biomass is 0.0000 metric tonnes of CO₂ equivalent

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Indirect emissions		Total GHG emissions
	Category 1	Category 2	Category 3~6	
Chicony Power Technology Co., Ltd./Chicony Power Technology Co., Ltd.	85.8858	1,573.3396	1,105.0432	2,764.269
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Chicony Power Technology Co., Ltd./High-Acceleration Laboratory	2.9322	31.0691	6.1195	40.121

Chicony Power purchased Renewable Energy Certificate(s) in 2024. The imported energy emissions by location-based and market-based approach shown as the following table :

Unit: tonnes of CO₂e

Purchased Renewable Energy Certificate(s) Information				
Site/Location	Type	Renewable Energy Source/Location	Imported energy emissions	
			Location-based	Market-based
China/Chicony Power Technology (Dongguan) Co., Ltd.	GEC	Solar; Wind/ China	10,600.2550	9,811.4247

China/Chicony Power Technology (Suzhou) Co., Ltd.	GEC	Solar; Wind / China	13,459.7498	1,629.5485
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- The opinion of SGS is modified in accordance with the following described circumstances.
 - The verifier has sufficient and appropriate evidence to support the material emissions, removals, or storage.
 - The verifier applies appropriate criteria for the material emissions, removals, or storage.
 - When the verifier intends to rely on relevant controls, the effectiveness of those controls has been assessed.
 - The verifier, applying the ISO 14064-1:2018 standard, presents the following findings. After adjustments and corrections, no material errors were identified.
 - Supporting evidence has been supplied.
 - Emission coefficients has been updated.
 - The activity data has been revised based on supporting evidence.
- Retention Limitation:
 - N/A

Confidentiality

The reports and attachments may contain relevantly confidential information of the clients. In addition to being submitted as governmental application or certification documents, the reports and attachments are not allowed to be edited, duplicated, or published without the clients' agreement in written form.

Avoidance of Conflict of Interest

The reports and attachments are completely complied with the standards and procedures that related authorities established. The reports and attachments of auditing process are conduct with fairness and honesty. If not, the auditing institution not only has to bear the relevant compensation duties, but also to receive legal charge and punishment.

This opinion shall be interpreted with the GHG statement of Chicony Power as a whole.

Verifier Group

Above opinions coincide with auditing process with fairness and impartiality and aim at the emission of year 2024 of clients.

Lead Verifier:

Aiden Tseng

Verifier:

Eva Lo

Shelly Lin

Houen Wu

Eric Tseng

Caleb Chen

Joanne Lu

Chao tai

Carrie Liu

Sherry

Tom Peng

Jean Lu

Janie

Note: This opinion is issued, on behalf of Client, by SGS Taiwan Ltd. ("SGS") under its General Conditions for Greenhouse Gas Verification Services available at http://www.sgs.com/terms_and_conditions.htm. The findings recorded hereon are based upon an audit performed by SGS. A full copy of this opinion, the findings and the supporting GHG Statement may be consulted at Chicony Power Technology Co., Ltd., 20F-21F, 23F-30F, No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.). This opinion does not relieve Client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its Client.