





Greenhouse Gas Emissions

Verification Opinion Statement

This is to verify that: WPG Holdings Limited

22F.

No. 189, Jingmao 2nd Rd.

Nangang Dist. Taipei City 115018 Taiwan 大聯大控股股份有限公司

臺灣 台北市 南港區

經貿二路 189 號

22 樓 115018

Holds Statement No:

GHGEV 821204

Verification opinion statement

As a result of carrying out verification and validation procedures in accordance with ISO 14064-3:2019, it is the statement for mixed engagement including reasonable assurance for verification activity as well as validation and agreed-upon procedures (AUP) contains the following:

- The Greenhouse Gas Emissions with WPG Holdings Limited for the period from 2024-01-01 to 2024-12-31 was verified and validated.
- The verified organization-level greenhouse gas emissions include direct greenhouse gas emissions 983.8787 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 6,987.8648 tonnes of CO₂ equivalent.
- WPG Holdings Limited has defined and explained its own process and pre-determined criteria for significance of indirect Greenhouse Gas Emissions and quantify and report these identified significant emissions accordingly.

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

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The Greenhouse Gas Emissions Verification activities are based on reasonable level of assurance:

- The data and information of greenhouse gas emissions are based on historical in nature, and no material
 misstatements for the period from 2024-01-01 to 2024-12-31 Greenhouse Gas Emissions calculation were
 revealed.
- Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2018.
- The emission factors of electricity in the organization's GHG report for the year 2024 are 0.474 (Taiwan, 2024), 0.585 (Shanghai, 2022), 0.440 (Guangdong, 2022), 0.598 (Jiangsu, 2022), 0.558 (Beijing, 2022), 0.409 (Fujian, 2022), 0.436 (Hubei, 2022), 0.641 (Shandong, 2022), 0.140 (Sichuan, 2022), 0.515 (Zhejiang, 2022), 0.656 (Shaanxi, 2022), 0.704 (Tianjin, 2022), 0.563 (Liaoning, 2022), 0.523 (Chongqing, 2022), 0.678 (Anhui, 2022), 0.490 (Hunan, 2022), 0.727 (India, FY 2023-24), 0.411 (Korea, 2022), 0.412 (Singapore, 2023), 0.390 (Hong Kong), 0.546 (Malaysia, 2023), 0.479 (Thailand, 2023), 0.598 (Philippines, 2023), 0.413 (US RFCW, 2024), 0.336 (US AZNM, 2024), 0.364 (US FRCC, 2024), 0.536 (US NYLI, 2024), 0.335 (US SRMV, 2024), 0.198 (US CAMX, 2024) kgCO₂e/kWh & 0.207 (UK, 2024), while the citations of different electricity factors may result in different GHG emissions estimates.

EMISSIONS		Notes	tonnes CO2e
Cate	gory 1: Direct GHG emissions and removals		983.8787
1.1	Stationary combustion		84.9493
1.2	Mobile combustion		235.8844
1.3	Industrial processes (anthropogenic systems)		0.00
1.4	Fugitive (anthropogenic systems)		663.0450
1.5	Land use, land use change and forestry		0.00
Dire	ct emissions in tonnes of CO2e from biomass		0.00
Category 2: Indirect GHG emissions from imported er		nergy	6,987.8648
2.1	Indirect emissions from imported electricity	location-based approach	6,987.8648
Renewable Electricity purchased in kWh with contractual instruments compliant with ISO 14064-1 Annex E		I-RECs in China Note 1	4,000,000 kWh
	Indirect emissions from imported electricity	market-based approach	5,226.6648
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0.00

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Note 1: The information of I-RECs in China is as followings.

Site	Туре	Period of Production	From Certificate ID	To Certificate ID	Number of Certificates
CHINT-CN-HA-20240618203301	Group Solar Rooftop	2024-01-01-2024-03-31	4657.00000	4929.14531	272.14531
CHINT-CN-HA-20240618203259	Group Solar Rooftop	2024-01-01-2024-03-31	3731.00000	4000.75335	269.75335
CHINT-CN-HA-20240618203258	Group Solar Rooftop	2024-01-01-2024-03-31	8736.00000	9009.17906	273.17906
CHINT-CN-HA-20240618203256	Group Solar Rooftop	2024-01-01-2024-03-31	4151.00000	4421.84529	270.84529
CHINT-CN-HA-20240618203255	Group Solar Rooftop	2024-01-01-2024-03-31	9132.00000	9160.11074	28.11074
CHINT-Guangxi-20240523142755	Group Solar Rooftop	2024-01-01-2024-03-31	5172.00000	5198.96625	26.96625
TCLGFKJ-CN-SD-20240730012	Group Solar Rooftop	2024-01-01-2024-06-30	1463.00000	1645.00000	182.00000
TCLGFKJ-CN-SD-20240730011	Group Solar Rooftop	2024-01-01-2024-06-30	1323.00000	1462.00000	139.00000
TCLGFKJ-CN-SD-20240730010	Group Solar Rooftop	2024-01-01-2024-06-30	9906.00000	10073.00000	167.00000
TCLGFKJ-CN-SD-20240730013	Group Solar Rooftop	2024-01-01-2024-06-30	8523.00000	8640.00000	117.00000
Jiangsu Tiankang Photoelectric Cable Instrument Co., Ltd. 2.0487MW Distributed Photovoltaic Project	PV Roof Mounted (single installation)	2024-01-01-2024-04-30	3744.00000	4382.00000	638.00000
SAL 1496skWp rooftop distributed photovoltaic power station invested by Suzhou High-Tech GreenLowcarbon Technology Industry Development Co	PV Roof Mounted (single installation)	2024-01-01-2024-05-31	8609.00000	9225.00000	616.00000
PYJZ-CN-SD-20240830005	Group Solar Rooftop	2024-01-01-2024-06-30	5954.00000	6651.77592	697.77592
PYJZ-CN-HB-20240830033	Group Solar Rooftop	2024-01-01-2024-06-30	8310.00000	8612.22408	302.22408
Total				4,000.0000	

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Statement No: GHGEV 821204 Agreed-upon procedures (AUP)

- A UP are specific types of verification activities, BSI have performed the evidence-gathering procedures for the period from 2024-01-01 to 2024-12-31.
- BSI do not express any assurance on the GHG emissions, removals and storage in listed below.

	EMISSIONS	Notes	AUP Item(s)	tonnes CO2e
Category 3: Indirect GHG emissions from transportation				32,469.9475
3.1	Emissions from upstream transport and distribution for goods	Use the Distance- based method	Road transportation: 3,253,946 tkm Sea transportation: 3,653,322 tkm	15,412.1036
			Air transportation: 13,687,976 tkm	
	Emissions from Downstream		Road transportation: 5,235,900 tkm	
3.2	transport and distribution for goods	Use the Distance- based method	Sea transportation: 190,612 tkm	10,187.4361
			Air transportation: 8,292,201 tkm	
			WPG Taiwan: 1523.9505 tCO₂e (Effective Survey: 1875)	
3.3	Emissions from Employee commuting	Distance-based method: Use questionnaires and the total number of employees to estimate total emissions	WPG HK: 13.0927 tCO₂e (Effective Survey: 98)	2 440 2212
			WPG China: 253.2087 tCO₂e (Effective Survey: 1098)	2,440.2213
			Numbers of employees of above countries: 4610	
	Emissions from Business travels	Use the Distance- based method	High speed railway: 201.6612 tCO₂e	
3.5			Railway: 1.0278 tCO₂e	4,430.1865
			Airplane flight: 2,101.0652 tCO₂e	
			Private car for business use: 2,126.4323 tCO ₂ e	

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	gory 4: indirect GHG emissions fr		2,305.0192	
4.1	Emissions from Purchased goods	Goods: Average-data method & Spend-based method of top 10 suppliers or purchase amounts of 8 main sites Energy & Fuel: Use the Average-data method	Plastic and Rubber Products: 14,926 Kg Ribbon: 136 Kg Notebook: 1 set Printed Paper: 781 packs OPP Tape: 2,568 rolls Others: 88,826,818 TWD Fuel: 98.4152 KL Electricity: 15,228.5294 MWh	2,041.8049
4.2	Emissions from Capital goods	Average-data method & Spend- based method of top 10 suppliers or purchase amounts of 8 main sites	Computers and electronic products: 63 sets Furniture and related products: 143 sets Others: 112,516,210 TWD	263.2143

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The direct GHG emissions and removals(cat.1) and indirect GHG emissions from imported energy emissions(cat.2) were verified in selected branches and representative offices, including but not limited to the following:

Location	Verification Information
WPG HOLDINGS LIMITED No. 189, Jingmao 2nd Rd., Nangang Dist. Taipei City 11568, Taiwan 大聯大控股股份有限公司 臺灣台北市 南港區經貿二路 189 號 11568	The Greenhouse Gas Emissions with the WPG HOLDINGS LIMITED for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 119.4884 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 1,318.0953 tonnes of CO ₂ equivalent. The 6 locations are included. 涵蓋 6 個據點
Trigold Holdings Limited 22F., No. 189, Jingmao 2nd Rd., Nangang Dist. Taipei City 11568, Taiwan 鑫聯大投資控股股份有限公司臺灣台北市 南港區經貿二路 189號 22樓 11568	The Greenhouse Gas Emissions with the Trigold Holdings Limited for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 137.0899 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 744.6776 tonnes of CO ₂ equivalent. The 16 locations are included. 涵蓋 16 個據點
	THE 10 locations are included. 涵蓋 10 個據點
LaaS Limited No. 238, Sec. 2, Zhongyi Rd., Gueishan Dist. Taoyuan City 33378, Taiwan 共創智能股份有限公司 臺灣桃園市 龜山區忠義路二段 238 號 33378	The Greenhouse Gas Emissions with the LaaS Limited for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 56.0712 tonnes of CO_2 equivalent and indirect greenhouse gas emissions from imported energy 681.8016 tonnes of CO_2 equivalent.
VSELL ENTERPRISE CO., LTD. 3F., No. 162, Daye Rd., Beitou Dist. Taipei City 112, Taiwan 衡國企業股份有限公司 臺灣台北市北投區 大業路 162 號 3 樓 112	The Greenhouse Gas Emissions with the VSELL ENTERPRISE CO., LTD. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 66.0681 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 29.0261 tonnes of CO ₂ equivalent.
	The 2 locations are included. 涵蓋 2 個據點

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Location

Verification Information

WPG Electronics (HK) Limited

G-6/F, China Resources Logistics East Asia Industrial Building, 2 Ho Tin Street, Tuen Mun, N.T., HK

大聯大電子(香港)有限公司

香港新界屯門河田街 2 號華潤物流東亞工業大廈 G-6 樓

The Greenhouse Gas Emissions with the WPG Electronics (HK) Limited for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 58.8790 tonnes of CO2 equivalent and indirect greenhouse gas emissions from imported energy 398.5871 tonnes of CO2 equivalent.

The 2 locations are included. 涵蓋 2 個據點

WPG China Inc.

WPG China Inc. No.37, 1555 Lane West Jinshajiang Rd. Jiading District, Shanghai 201803, P.R.C.

大聯大商貿有限公司

上海市嘉定区

金沙江西路 1555 弄 37 号 201803

The Greenhouse Gas Emissions with the WPG China Inc. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 100.6399 tonnes of CO2 equivalent and indirect greenhouse gas emissions from imported energy 691.1565 tonnes of CO2 equivalent.

The 17 locations are included. 涵蓋 17 個據點

The Greenhouse Gas Emissions with the WPG China (SZ) Inc. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 193.9351 tonnes of CO2 equivalent and indirect greenhouse gas emissions from imported energy 689.7591 tonnes of CO2 equivalent.

The 4 locations are included. 涵蓋 4 個據點

The Greenhouse Gas Emissions with the LaaS(Dongguan) Supply Chain Management Limited for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 3.5157 tonnes of CO2 equivalent and indirect greenhouse gas emissions from

imported energy 1,526.3057 tonnes of CO2 equivalent.

WPG China (SZ) Inc.

3-5 · 8-13 F, Block2, Kai Da Er Building, No. 168 TongSha Road, XiLi Town, Nanshan, Shenzhen 大聯大商貿(深圳)有限公司 深圳市南山區西麗街道同沙路 168 號凱達爾集團中心大廈 2 號樓 3-5、8-13 樓層

LaaS (Dongguan) Supply Chain Management Limited Unit 3, 4, 5, 6, Warehouse 2, No. 70, North Linhai Rd. Humen Port Comprehensive Bonded Zone Shatian Town, Dongquan City Guangdong Province, China 共創智能(東莞)供應鏈管理有限公司 中国广东省东莞市沙田镇 虎门港综合保税区 临海北路70号2号厂房3、4、5及6号单元

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Location	Verification Information
WPG Korea Co., Ltd. (Pangyo Innovalley) B-301, 253, Pangyo-ro, Bundang-gu Seongnam-si, Gyeonggi-do, 13486, Korea	The Greenhouse Gas Emissions with the WPG Korea Co., Ltd. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 2.6666 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 19.5935 tonnes of CO ₂ equivalent.
	The 2 locations are included. 涵蓋 2 個據點
WPG EMEA B.V. UK BRANCH Now WPG EMEA UK Limited Beacon House Stokenchurch Business Park Ibstone Rd., Stokenchurch, High Wycombe Buckinghamshire, England, HP14 3FE, UK	The Greenhouse Gas Emissions with the WPG EMEA B.V. UK BRANCH Now WPG EMEA UK Limited for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 0 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 0.1297 tonnes of CO ₂ equivalent.
WPG Americas Inc 1735 TECHNOLOGY DRIVE, SUITE 770 SAN JOSE, CA 95110	The Greenhouse Gas Emissions with the WPG Americas Inc for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 87.1361 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 160.4428 tonnes of CO ₂ equivalent.
	The 6 locations are included. 涵蓋 6 個據點
WPG South Asia Pte Ltd. 10 Upper Aljunied Link #06-07 Singapore 367904	The Greenhouse Gas Emissions with the WPG South Asia Pte Ltd. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 150.9176 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 474.7416 tonnes of CO ₂ equivalent.
	The 2 locations are included. 涵蓋 2 個據點

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Statement No. Gridev 621204	
Location	Verification Information
WPG Malaysia Sdn. Bhd. NO. 21, Tingkat 2, Jalan Bayu Mutiara 2 Taman Bayu Mutiara, 14000 Bukit Mertajam Penang, Malaysia	The Greenhouse Gas Emissions with WPG Malaysia Sdn. Bhd. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 2.0546 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 68.4205 tonnes of CO ₂ equivalent.
	The 3 locations are included. 涵蓋 3 個據點
WPG C&C (Thailand) Co., Ltd 9/304 , U.M Tower 30th Floor Ramkamheang Rd. Suanluang Bangkok 10250, Thailand	The Greenhouse Gas Emissions with WPG C&C (Thailand) Co., Ltd for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 0 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 12.5811 tonnes of CO ₂ equivalent.
WPG Thailand Co., Ltd. 9/303-4, UM Tower 30 Floor, Ramkamheang Rd. Suanluang Bangkok 10250 Thailand	The Greenhouse Gas Emissions with WPG Thailand Co., Ltd.for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 0 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 44.9953 tonnes of CO ₂ equivalent.
	The 2 locations are included. 涵蓋 2 個據點
WPG ELECTRONICS (PHILIPPINES) INC Unit 501 Richville Corporate Centre #1314 Commerce Avenue Extension Madrigal Business Park, Alabang Muntinlupa City 1770 Metro Manila, Philippines	The Greenhouse Gas Emissions with WPG ELECTRONICS (PHILIPPINES) INC for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 0.3422 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 3.0063 tonnes of CO ₂ equivalent.

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Statement No: **GHGEV 821204** Verification Information Location WPG C&C COMPUTERS & PERIPHERAL (India) The Greenhouse Gas Emissions with WPG C&C PRIVATE LIMITED COMPUTERS & PERIPHERAL (India) PRIVATE LIMITED for No. 26, 2nd Floor, Okhla Industrial Estate the period from 2024-01-01 to 2024-12-31 was verified, Phase-III, New Delhi-110020, India including direct greenhouse gas emissions 1.7712 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 27.8166 tonnes of CO₂ equivalent. The 16 locations are included. 涵蓋 16 個據點 WPG INDIA ELECTRONICS PRIVATE LIMITED The Greenhouse Gas Emissions with WPG INDIA No. 26, 2nd Floor, Okhla Industrial Estate ELECTRONICS PRIVATE LIMITED for the period from Phase-III, New Delhi-110020, India 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 3,3027 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 93.3004 tonnes of CO₂ equivalent. The 3 locations are included. 涵蓋 3 個據點

WORLD PEACE INTERNATIONAL (INDIA) PRIVATE LIMITED D-22/1, Ground Floor, Okhla Industrial Area Phase-II, New Delhi 110 020 The Greenhouse Gas Emissions with WORLD PEACE INTERNATIONAL (INDIA) PRIVATE LIMITED for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 0.0004 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 3.4281 tonnes of CO₂ equivalent.

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