



Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: TECO Electric & Machinery Co., LTD.
5F
No. 19-9, San Chong Rd.
Nan-Kang Dist.
Taipei City
115601
Taiwan

東元電機股份有限公司
台灣
台北市
南港區
三重路 19-9 號
5 樓
115601

Holds Statement No: GHGEV 765151

Verification opinion statement

As a result of carrying out verification procedures in accordance with ISO 14064-3:2006, it is the opinion of BSI with reasonable assurance that:

- The Greenhouse Gas Emissions with TECO Electric & Machinery Co., Ltd. for the period from 2021-01-01 to 2021-12-31 was verified, including direct greenhouse gas emissions 2,574.0131 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 23,816.5717 tonnes of CO₂ equivalent.
- No material misstatements for the period from 2021-01-01 to 2021-12-31 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 factor for electricity for the year 2021 is not published by Taiwan government so far, the emission factor used for electricity is 0.502 kilograms of Carbon Dioxide equivalent per kWh instead which may potentially result in different Greenhouse Gas Emission estimates.

The other selected indirect GHG emissions listed in the attached table on the next page were also reported and thus verified with limited assurance, and data quality was not considered unacceptable in meeting the principles as set out in ISO 14064-1: 2018.

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

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The greenhouse gas emissions information reported by the organization for the period from 2021-01-01 to 2021-12-31 is as follows:

EMISSIONS		Notes	tonnes CO ₂ e
Category 1: Direct GHG emissions and removals			2,574.013
1.1	Stationary combustion		1,664.6379
1.2	Mobile combustion		204.2145
1.3	Industrial processes (anthropogenic systems)		5.8808
1.4	Fugitive (anthropogenic systems)		699.2799
1.5	Land use, land use change and forestry	N/A	-
Direct emissions in tonnes of CO ₂ e from biomass			0.0000
Category 2: Indirect GHG emissions from imported energy			23,816.572
2.1	Indirect emissions from imported electricity	location-based approach	23,816.5717
Category 3: Indirect GHG emissions from transportation			1,504.935
3.1	Emissions from upstream transport and distribution for goods	Only domestic land freight	1,504.9353
3.2	Emissions from Downstream transport and distribution for goods	NS	-
3.3	Emissions from Employee commuting	NS	-
3.4	Emissions from Client and visitor transport	NS	-
3.5	Emissions from Business travels	NS	-
Category 4: indirect GHG emissions from products used by organization			157,400.169
4.1	Emissions from Purchased goods	Main parts of product, Fuel and purchased electricity	157,169.2752
4.2	Emissions from Capital goods	NS	-
4.3	Emissions from the disposal of solid and liquid waste		230.8935
4.4	Emissions from the use of assets	NS	-
4.5	Emissions from the use of services that are not described in the above subcategories	NS	-

* NS: Non significant; N/A: Non available.

The total emissions were verified in selected branches and representative offices, including but not limited to the following:

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Location	Verification Information
TECO Electric & Machinery Co., LTD. (Headquarter and 7 Business Sites) 5F, No. 19-9, San Chong Rd, Nan-Kang Dist. Taipei City, 115601 Taiwan (R.O.C.) 東元電機股份有限公司(總公司及 7 個營業站所) 115601 臺灣台北市南港區三重路 19-9 號 5 樓	The Greenhouse Gas Emissions with TECO Electric & Machinery Co., Ltd. (Headquarter and 7 Business Sites) for Year 2021 is 1,509.696 tCO ₂ e, including direct greenhouse gas emissions 20.9821 tCO ₂ e and indirect greenhouse gas emissions from imported energy emissions 1,488.7135 tCO ₂ e.
TECO Electric & Machinery Co., LTD. Zhongli Plant No. 11, Andong Rd., Zhongli Dist. Taoyuan City, 320023 Taiwan (R.O.C.) 東元電機股份有限公司中壢廠 320023 台灣桃園市中壢區安東路 11 號	The Greenhouse Gas Emissions with TECO Electric & Machinery Co., Ltd. Zhongli Plant for the Year 2021 is 22,898.997 tCO ₂ e, including direct greenhouse gas emissions 1,904.5223 tCO ₂ e and indirect greenhouse gas emissions from imported energy emissions 20,994.4744 tCO ₂ e.
TECO Electric & Machinery Co., LTD. Guanyin Plant No. 1568-1, Sec. 1, Zhongshan Rd., Guanyin Dist. Taoyuan City, 328012 Taiwan (R.O.C.) 東元電機股份有限公司觀音廠 328012 台灣桃園市觀音區中山路一段 1568 之 1 號	The Greenhouse Gas Emissions with TECO Electric & Machinery Co., Ltd. Guanyin Plant for the Year 2021 is 277.910 tCO ₂ e, including direct greenhouse gas emissions 77.1862 tCO ₂ e and indirect greenhouse gas emissions from imported energy emissions 200.7237 tCO ₂ e.
TECO Electric & Machinery Co., LTD. Guanyin Plant 2 No. 6, Guojian 1st Rd., Guanyin Dist. Taoyuan City, 328453 Taiwan (R.O.C.) 東元電機股份有限公司觀音二廠 328453 台灣桃園市觀音區國建一路 6 號	The Greenhouse Gas Emissions with TECO Electric & Machinery Co., Ltd. Guanyin Plant 2 for the Year 2021 is 230.740 tCO ₂ e, including direct greenhouse gas emissions 112.7199 tCO ₂ e and indirect greenhouse gas emissions from imported energy emissions 118.0202 tCO ₂ e.
TECO Electric & Machinery Co., LTD. Hukou Plant No. 15, Zhonghua Rd., Hukou Township Hsinchu County, 303035 Taiwan (R.O.C.) 東元電機股份有限公司湖口廠 303035 台灣新竹縣湖口鄉中華路 15 號	The Greenhouse Gas Emissions with TECO Electric & Machinery Co., Ltd. Hukou Plant for the Year 2021 is 1,473.243 tCO ₂ e, including direct greenhouse gas emissions 458.6026 tCO ₂ e and indirect greenhouse gas emissions from imported energy emissions 1,014.6399 tCO ₂ e.

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