

Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: KGI Life Insurance Co., Ltd.
3~7F.
No. 135, Dunhua N. Rd.
Songshan Dist.
Taipei City 105021
Taiwan

凱基人壽保險股份有限公司
臺灣
台北市
松山區
敦化北路 135 號
3~7 樓
105021

Holds Statement No: GHGEV 802912

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 KGI Life Insurance Co., Ltd. for the period from 2023-01-01 to 2023-12-31 was verified and validated.
- The verified organization-level greenhouse gas emissions include direct greenhouse gas emissions 565.4226 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 6,806.4359 tonnes of CO₂ equivalent.
- KGI Life Insurance Co., Ltd. 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.
- The verification process was subject to the following limitation(s): T-REC (21SP0024-B023000001~21SP0024-B023000045) from self-use renewable energy generation has not been registered to cancel at National Renewable Energy Certification Center.

For and on behalf of BSI:



Managing Director BSI Taiwan, Peter Pu

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Verification 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 2023 -01-01 to 2023-12-31 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 2023 is not published by Taiwan & Chinese government so far, the emission factor used for electricity is 0.495 (TW) & 0.581 (CN) kilograms of Carbon Dioxide equivalent per kWh instead which may potentially result in different Greenhouse Gas Emission estimates.

EMISSIONS		Notes	tonnes CO ₂ e
Category 1: Direct GHG emissions and removals			565.423
1.1	Stationary combustion		83.8349
1.2	Mobile combustion		21.4498
1.3	Industrial processes (anthropogenic systems)		0
1.4	Fugitive (anthropogenic systems)		460.1380
1.5	Land use, land use change and forestry	N/A	
Direct emissions in tonnes of CO ₂ e from biomass			0
Category 2: Indirect GHG emissions from imported energy			6,806.436
2.1	Indirect emissions from imported electricity	location-based approach	6,806.4359
		Power Purchase Agreements:	967,585 kWh
	Indirect emissions from imported electricity	market-based approach	6,327.4813
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0

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Agreed upon procedures (AUP)

- AUP are specific types of verification activities, BSI have performed the evidence-gathering procedures for the period from 2023-01-01 to 2023-12-31
- BSI do not express any assurance on the GHG emissions, removals and storage in listed below.

EMISSIONS		Notes	AUP Item(s)	tonnes CO ₂ e
Category 3: Indirect GHG emissions from transportation				43.828
3.1	Emissions from upstream transport and distribution for goods	Weight and distance of paper procured from ERP system	748.2920 tkm	0.4392
3.2	Emissions from Downstream transport and distribution for goods	Weight and distance of package and letters mailed from Chunghua Post Report	Letters: 108.1721 tkm Parcel: 0.3031 tkm	0.0741
3.5	Emissions from Business travels	Including flight, high speed rail (HSR), train and taxi travel records from ERP system	HSR: 33,280.4 kgCO ₂ e (1,040,012.5 pkm) Train: 97,162.8 pkm Taxi: 24,187.3748 pkm Flight: 1570.1 kgCO ₂ e	43.3142
Category 4: indirect GHG emissions from products used by organization				1,613.119
4.1	Emissions from Purchased goods	Upstream emissions of purchased diesel, natural gas, gasoline and Electricity, input from Cat.1.1, 1.2, & 2.1	Electricity: 13,750,211.3889 kWh Diesel: 400L Natural Gas: 44,005.2910m ³ Gasoline: 9,102.4L	1,366.5014
4.3	Emissions from the disposal of solid and liquid waste	Weight of the waste generated per person per working day	684,859.56 kg	246.5494
4.5	Emissions from the use of services that are not described in the above subcategories	Emission from copy machine maintenance service	719.8000 pkm	0.0685

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
KGI Life Insurance Co., Ltd. 3~7F. No. 135, Dunhua N. Rd. Songshan Dist. Taipei City 105021 Taiwan 凱基人壽保險股份有限公司 臺灣 台北市 松山區 敦化北路 135 號 3~7 樓 105021	The Greenhouse Gas Emissions with KGI Life Insurance Co., Ltd. for the period from 2023 -01-01 to 2023-12-31 was verified, including direct greenhouse gas emissions 565.4226 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 6,806.4359 tonnes of CO ₂ equivalent. All branches of KGI Life Insurance Co., Ltd., 52 domestic and 1 overseas ones, are included. 涵蓋凱基人壽保險股份有限公司全據點(共 52 個台灣據點與 1 個海外據點)。