

Summary of Carbon Footprint for Listed Companies

上市公司碳足跡摘要

Part 1 Reporting Entity Information

第一部分 報告機構資料

1.1 Company information

公司資料

Name of reporting entity:

報告機構名稱:

報告機構名稱:Eng.: CHINA GAS HOLDINGS LIMITED

報告機構名稱:中文: 中国燃气控股有限公司

Stock code:

股份代號:

00384

Hang Seng Industry Classification

恆生行業分類(HSIC):

(i) Industry:

行業:

Energy 能源業 - 00

(ii) Sector:

業務類別:

Oil & Gas 石油及天然氣 - 0010

1.2 Basis of information reported in this form (e.g. weblink(s) to the carbon audit report, GHG accounting report, Environmental, Social and Governance report (ESG report) or sustainability report (GHG emission-related chapter) of the reporting entity, etc)

報告內容的基礎 (例如: 報告機構的碳審計報告、溫室氣體排放核算報告、「環境、社會及管治報告」或可持續發展報告(與溫室氣體排放有關的章節)之網絡連結等):

中國燃氣致力為客戶提供安全可靠的燃氣和優質服務, 同時, 我們積極開發新 能源和相關業務, 包括發展城鎮燃氣、增值服務、液化石油氣 (「LPG」)、智能微 管網、暖居、天然氣分佈式能源、配售電、充電樁、光伏、多能互補能源項目以及氣代煤工程, 利用清潔能源降低燃煤

Attachment

附件

Additional files upload if any (not more than 3 files, not exceeding 2Mb per file)

上傳附件檔案 (如有) (不多於3個檔案及每個檔案少於2MB)

Please upload with file format in.doc,.docx,.pdf,.jpg,.gif,.zip,.rar .xlsx or .xls.

請上傳格式為 .doc, .docx, .pdf, .jpg, .gif, .zip, .rar, .xlsx或.xls的文件。

File Description 文件描述:

File 文件: <https://www.carbon-footprint.hk/data/uploads/20211217-04-52-03SP+2020-21+CGH+C+2page.pdf>

File Description 文件描述:

File 文件:

File Description 文件描述:

File 文件:

Part 2 Greenhouse Gas (GHG) Emissions

第二部分 溫室氣體排放

2.1 GHG Emission Data

溫室氣體排放數據

Reporting period:

報告期:

2020-04-01 To (至) 2021-03-31

GHG Accounting Standard / Guideline:

溫室氣體核算標準 / 指引:

EPD/ EMSD Guidelines

環境保護署/ 機電工程署指引

GHG Protocol

溫室氣體議定書

International Organization for Standardization (ISO) 14064

國際標準化組織 (ISO) 14064

Others, please specify: (其他, 請說明:)

Operational boundary **Note 1**

營運邊界 **備註 1**

Scope 1

範圍 1:

Brief descriptions on emission sources

排放來源簡述

Emission data

排放數據

212,804.7 tonnes CO₂-e

(公噸二氧化碳當量)

Scope 2

範圍 2:

Brief descriptions on emission sources

排放來源簡述

Emission data

排放數據

75,513.15 tonnes CO₂-e

(公噸二氧化碳當量)

Scope 3

範圍 3:

Brief descriptions on emission sources

排放來源簡述

Emission data

排放數據

535.54 tonnes CO₂-e

(公噸二氧化碳當量)

Reported GHG emissions in total:

所報告的溫室氣體排放總和:

288,853.42 tonnes CO₂-e

(公噸二氧化碳當量)

2.2 Company related information

與公司有關的資料

Total number of full-time-equivalent employees of the entity(s) covered in the reported GHG emission data during the reporting period:

報告期內溫室氣體排放數據所涵蓋機構的相等於全職僱員總人數:

74,305

Total gross floor area owned/controlled by the entity(s) covered in the reported GHG emission data during the reporting period (m²):

報告期內溫室氣體排放數據所涵蓋機構擁有/控制的總樓面面積(平方米):

Total revenue of the entity(s) covered in the reported GHG emission data during the reporting period (HK\$ million):

報告期內溫室氣體排放數據所涵蓋機構的總收入(百萬港元):

69,975

Other information which is relevant to the entity's business operations covered in the reported GHG emissions during the reporting period, please specify (e.g., total no. of passengers, total no. of customers, total unit of goods produced, total no. of hotel rooms occupied, total kWh electricity generated, or total measures of freight load, etc.):

報告期內溫室氣體排放數據所涵蓋機構的其他有關營運資料, 請說明(例如: 乘客總人數、顧客總人數、製成產品總數量、酒店入住房間總數、總發電量(千瓦/小時)或貨運總量等):

城鎮管道燃氣項目642個; 燃氣管網總長480,159公里; 天然氣居民用戶總數40,153,824戶; 天然氣工業用戶總數17,046戶; 天然氣商業用戶總數

2.3 Geographical coverage of reported GHG emission data

所報告的溫室氣體排放數據地域範圍:

Operations within Hong Kong

香港以內的營運

Operations outside Hong Kong (Please specify city(ies)/country(ies))

香港以外的營運(請說明城市/國家名稱):

642個城鎮管道燃氣項目

Please also specify the percentage of GHG emissions arising from Hong Kong operations 請同時說明由香港營運所產生的溫室氣體百分比:

%

Subsidiaries

附屬公司

Please list out the subsidiaries covered in the GHG emission data during the reporting period:

請列出報告期內溫室氣體排放數據所涵蓋的附屬公司:

Additional information on physical boundary in relation to GHG emission reported (if applicable):
與所報告的溫室氣體排放數據相關之建築物邊界的附加資料(如適用):

Part 3 GHG Emission Reduction Measures, Future Initiatives and Targets 第三部分 減少溫室氣體排放的措施、未來計劃及目標

3.1 GHG emission reduction measures implemented during the Reporting Period 在報告期內減少溫室氣體排放的措施

1

光儲充和BIPV業務:中國燃氣積極響應國家號召,支援和推動國家新能源發展,在廣東、廣西、福建、浙江、江蘇、安徽、山東、遼寧等地積極佈局分布式光伏發電、儲能系統、充電樁(站)等業務,同時開展BIPV發電業務,建設綠色建築。

2

氫能利用:中國燃氣正全面佈局氫能產業,助力實現「碳達峰」和「碳中和」這「雙碳目標」。氫能製造方面,利用LPG化工項目的氫副產品提純制氫;與中海石油氣電集團有限責任公司合作,進行機裝天然氣製氫技術研發及應用;與光伏龍頭企業隆基綠能科技股份有限公司合作,進行光伏發電水解製氫工藝研究及應用。氫能儲運方面,結合中燃在CNG、LNG儲運工藝的豐富經驗和排名全國前列的宏大專業運輸車隊

3.2 GHG emission reduction measures for future initiatives and targets 為未來計劃及目標而制訂的減少溫室氣體排放措施

Part 4 Renewable Energy 第四部分 可再生能源

4.1 Feed-in Tariff (FiT) Scheme 上網電價計劃

Has your company joined the FiT Scheme?
是否已參與上網電價計劃?

Yes – please fill in the blanks below
(是 – 請填寫以下空格)

No
(否)

Renewable Technology
可再生能源技術

Solar
太陽能

() kW 千瓦)

Wind
風能

() kW 千瓦)

Others (Please Specify)
其他(請註明)

() kW 千瓦)

4.2 Renewable Energy (RE) Certificate

可再生能源證書

Has/Have RE Certificate(s) been purchased?

有否購買可再生能源證書?

Yes – please fill in the blanks below

(是 – 請填寫以下空格)

No

(否)

Purchased from

購自?

The Hongkong Electric Co., Ltd

香港電燈有限公司

CLP Power Hong Kong Ltd

中華電力有限公司

Amount of Electricity Purchased

購買的電量

kWh(千瓦時)

kWh(千瓦時)

Part 5 Verification information

第五部分 核證

Has verification **Note 2** been conducted?

是否曾經進行核證? **備註 2**

Yes – please fill in the blanks below

(是 – 請填寫以下空格)

No

(否)

Verification body

核證機構:

HKQAA

Verification standard:

核證標準:

International Organization for Standardization (ISO) 14064-3:2006 - Greenhouse gases - Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

國際標準化組織 (ISO) 14064-3:2006 – 溫室氣體 - 第3部分：溫室氣體確定的證實和驗證的規範與指南

Others, please specify:

(其他, 請說明:)

External review on fulfillment with the sustainability performance targets

Date of verification:

核證日期:

10/21/2021

Remarks (e.g. various verification status for different subsidiaries):

備註(例如: 各附屬公司的核證情況):

A VERIFICATION REPORT HAS BEEN ISSUED BY HKQAA