



# **Annual Registration Statement / Annual Report**

## **Form 56-1 One Report**

### **(Structured Data Report)**

**THACHANG GREEN ENERGY PUBLIC COMPANY LIMITED**

Fiscal Year End 31 December 2022



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# Group Structure and Operations

## Group Structure and Operations

### Business Overview and Policies (1.1)

#### Company Information (1.1.5)

Company Name : THACHANG GREEN ENERGY PUBLIC COMPANY LIMITED

Symbol : TGE

Address : 159, Moo 3, Tambon Tha Chang, Amphoe Tha Chang

Province : Surat Thani

Postcode : 84150

Business : Production of electricity from renewable energy Currently, it operates biomass power and waste to energy power.

Registration Number : 0107564000391

Telephone : 0-7727-7790

Fax (if applicable) : 0-7727-7711

Website : <https://www.tge.co.th>

Email : [corporate@tge.co.th](mailto:corporate@tge.co.th)

#### Total Shares Sold (shares)

Common Stock : 2,200,000,000

Preferred Stock : 0

## Business Operations (1.2)

### Revenue Structure (1.2.1)

#### By Product Line or Business Grouping\*

	2020	2021	2022
Total (Thousand baht)	713,620.22	807,504.31	955,545.82
Power (Thousand baht)	643,432.60	716,266.18	812,922.23
Water and Steam (Thousand baht)	1,480.48	55,138.04	103,509.50
Waste Management service (Thousand baht)	6,022.30	8,290.34	8,512.96
Revenue from construction under concession arrangements (Thousand baht)	56,859.51	1,468.51	13,144.26
Other income (Thousand baht)	5,825.33	26,341.24	17,456.87

	2020	2021	2022
Total (%)	100.00	100.00	100.00
Power (%)	90.16	88.70	85.07
Water and Steam (%)	0.21	6.83	10.83
Waste Management service (%)	0.84	1.03	0.89
Revenue from construction under concession arrangements (%)	7.97	0.18	1.38
Other income (%)	0.82	3.26	1.83

#### By Geographical Area or Market\*

	2020	2021	2022
Total (Thousand baht)	713,620.22	807,504.31	955,545.82
Domestic (Thousand baht)	713,620.22	807,504.31	955,545.82
International (Thousand baht)	0.00	0.00	0.00

	2020	2021	2022
Total (%)	100.00	100.00	100.00
Domestic (%)	100.00	100.00	100.00
International (%)	0.00	0.00	0.00

\*Excluding the profit margins in the associated companies

## Information on Products and Services (1.2.2)

### Product/Service Information and Business Innovation Development (1.2.2.1)

Research and Development (R&D) Policy : No

(Unit : Thousand baht)	2020	2021	2022
R&D expenses in the past 3 years	N/A	N/A	N/A

# Sustainable Development

## Sustainable Development

### Sustainability Management Policy and Targets (3.1)

#### Sustainability Management Policy and Targets

Corporate Sustainability Policy : Yes

### Environmental Aspect (3.3)

#### Policy and Guideline on Environmental Aspect (3.3.1)

Environmental Policy and Practice : Yes

#### Results with Respect to the Environmental Aspect (3.3.2)

##### • Electricity consumption

	2020	2021	2022
Amount of electricity purchased (kWh)	N/A	N/A	9,667,133.00

##### Greenhouse gas management

##### • Greenhouse gas emissions

	2020	2021	2022
GHG emission target	N/A	N/A	22,917.00
Scope 1 (Tons of carbon dioxide equivalents)	N/A	N/A	19,972.00
Scope 2 (Tons of carbon dioxide equivalents)	N/A	N/A	411.00
Scope 3 (Tons of carbon dioxide equivalents)	N/A	N/A	2,534.00
<b>Total (Tons of carbon dioxide equivalents)</b>	N/A	N/A	22,917.00



- **Verification of greenhouse gas emissions over the past year**

Third-party verification : Yes

Name of verifying organization : BUREAU VERIFICATION (THAILAND) COMPANY LIMITED

## Social Aspect (3.4)

### Policy and Guideline on Social Aspect (3.4.1)

Human Rights Policy : Yes

### Results with Respect to the Social Aspect (3.4.2)

#### Information about employees

##### • Total number of employees

	2020	2021	2022
Number of male employees (persons)	66	73	75
Number of female employees (persons)	69	60	64
<b>Total (persons)</b>	135	133	139

##### • Employee development and training

	2020	2021	2022
Average training hours of employees (hour / person / year)	N/A	N/A	16

##### • Health, safety and work environment

	2020	2021	2022
Number of employee work injuries leading to employee absence (times)	N/A	N/A	0

##### • Significant labor dispute

	2020	2021	2022
Significant labor dispute	No	No	No

# Corporate Governance Policy

## **Corporate Governance Policy**

### **Overview of the Corporate Governance Policy and Guideline (6.1)**

#### **Corporate Governance Policy**

Corporate Governance Policy : Yes

### **Code of Conduct (6.2)**

#### **Establishing a Code of Conduct**

##### **Establishing a Code of Conduct**

Code of Conduct : Yes

Corporate Governance Structure  
and Significant Information Regarding  
the Board of Directors, Subcommittees,  
Management,  
Employee and Other Information

## Corporate Governance Structure and Significant Information Regarding the Board of Directors, Subcommittees, Management, Employee and Other Information

### Board of Directors (7.2)

#### Composition of the board of directors (7.2.1)

	Number of persons	Percentage (%)
Total number of directors	10	100.00
Number of male directors	7	70.00
Number of female directors	3	30.00
Number of executive directors	1	10.00
Number of non-executive directors	9	90.00
Number of independent directors	5	50.00

#### Information on the board of directors and persons with authority to control the company (7.2.2)

##### List of directors

General information	Position	Date position was assumed	Experience and expertise
1. Mr. KOSIT FUANGSWASDI Gender: Male Age: 63 years old Highest level of education: Doctoral degree Major: Public Administration Thai nationality: Yes Residing in Thailand: Yes	Chairman of the board (Non-executive, Independent director)  Director type: Original director	3 Nov 2021	Law, Accounting, Finance, Human Resource Management, Sustainability, IT Management, Strategic Management, Risk Management, Marketing, Energy & Utilities

2.	Mr. PONGNARIN WANASUWANAKUL Gender: Male Age: 48 years old Highest level of education: Master's degree Major: Engineering Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive)  Director type: Original director	3 Nov 2021	Engineering, Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Finance, Sustainability, Energy & Utilities
3.	Mr. PONGNARATE WANASUWANKUL Gender: Male Age: 43 years old Highest level of education: Master's degree Major: Engineering Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive)  Director type: Re-elected as director	3 Nov 2021	Strategic Management, Risk Management, Marketing, Human Resource Management, Accounting, Finance, Engineering, IT Management, Sustainability, Energy & Utilities
4.	Mrs. PHATCHARIN LAPHAROJKIJ Gender: Female Age: 47 years old Highest level of education: Master's degree Major: Strategic Management Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive)  Director type: Re-elected as director	3 Nov 2021	Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Finance, Sustainability, Energy & Utilities
5.	Ms. LAONGTIP WANASUWANNAKUL Gender: Female Age: 40 years old Highest level of education: Master's degree Major: Science Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive)  Director type: Original director	3 Nov 2021	Strategic Management, Risk Management, Marketing, Human Resource Management, IT Management, Sustainability, Energy & Utilities

6.	<p>Mr. THORANIT TANTIKULWICHIT</p> <p>Gender: Male</p> <p>Age: 65 years old</p> <p>Highest level of education: Bachelor's degree</p> <p>Major: Law</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive, Independent director)</p> <p>Director type: Original director</p>	3 Nov 2021	<p>Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Sustainability, Energy &amp; Utilities</p>
7.	<p>Mr. TANAN CHUB-UPPAKARN</p> <p>Gender: Male</p> <p>Age: 43 years old</p> <p>Highest level of education: Doctoral degree</p> <p>Major: Engineering</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive, Independent director)</p> <p>Director type: Original director</p>	3 Nov 2021	<p>Strategic Management, Sustainability, Risk Management, Marketing, Human Resource Management, Engineering, IT Management, Energy &amp; Utilities</p>
8.	<p>Mrs. PENSRI MEESUKSABAI</p> <p>Gender: Female</p> <p>Age: 65 years old</p> <p>Highest level of education: Master's degree</p> <p>Major: Business Administration</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive, Independent director)</p> <p>Director type: Re-elected as director</p>	3 Nov 2021	<p>Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Finance, IT Management, Sustainability, Energy &amp; Utilities</p>
9.	<p>Mr. ARTHORN SINSAWAD</p> <p>Gender: Male</p> <p>Age: 68 years old</p> <p>Highest level of education: Master's degree</p> <p>Major: Business Administration</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive, Independent director)</p> <p>Director type: Original director</p>	3 Nov 2021	<p>Strategic Management, Risk Management, Marketing, Human Resource Management, Engineering, IT Management, Sustainability, Energy &amp; Utilities</p>



10.	Mr. SAKDA SIRIPHATTRASOPHON	Director (Executive)	3 Nov 2021	Risk Management, Sustainability, Marketing, Human Resource Management, Accounting, Finance, IT Management
	Gender: Male			
	Age: 60 years old			
	Highest level of education:	Director type: Original		
	Doctoral degree	director		
	Major: Business Administration			
	Thai nationality: Yes			
	Residing in Thailand: Yes			

#### List of directors who resigned/vacated their position during the year

General information	Position	Tenure	Replacement Director
1. Mr. SAKDA SIRIPHATTRASOPHON Gender: Male Age: 60 years old Highest level of education: Doctoral degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Director (Executive)	Date position was assumed: 3 Nov 2021 Date directorship ended: 1 Jan 2023	No replacement director

#### Other Information pertaining to committees

The Chairman is an independent director : Yes

The Chairman and the manager are the same person : No

The Chairman and the manager are members of the same family : No

The company appoints at least one independent director to determine the agenda of the Board of Directors' meetings : No

## Sub-committees (7.3)

### Information about sub-committees (7.3.2)

#### Audit Committee

##### List of audit committee members

General information	Position	Date position was assumed	Experience and expertise
1. Mr. THORANIT TANTIKULWICHIT [1] Gender: Male Age: 65 years old Highest level of education: Bachelor's degree Major: Law Thai nationality: Yes Residing in Thailand: Yes	Chairman of the audit committee (Non-executive, Independent director) Director type: Original director	17 Jun 2019	Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Sustainability, Energy & Utilities
2. Mrs. PENSRI MEESUKSABAI [1] Gender: Female Age: 65 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Audit committee (Non-executive, Independent director) Director type: Original director	1 Apr 2020	Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Finance, IT Management, Sustainability, Energy & Utilities
3. Mr. ARTHORN SINSAWAD Gender: Male Age: 68 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Audit committee (Non-executive, Independent director) Director type: Original director	1 Apr 2020	Strategic Management, Risk Management, Marketing, Human Resource Management, Engineering, IT Management, Sustainability, Energy & Utilities

[1] A director with the accounting expertise needed to review financial statements

#### Other sub-committees

## Sub-committees information

Name of sub-committees	List of directors	Position
Risk Management and Investment Committee	Mr. ARTHORN SINSAWAD	Chairman
	Mr. TANAN CHUB-UPPAKARN	Member
	Mr. PONGNARIN WANASUWANAKUL	Member
	Mr. PONGNARATE WANASUWANKUL	Member
Nomination, Remuneration and Corporate Governance Committee	Mrs. PENSRI MEESUKSABAI	Chairman
	Mr. THORANIT TANTIKULWICHIT	Member
	Mr. TANAN CHUB-UPPAKARN	Member
	Mrs. PHATCHARIN LAPHAROJKIJ	Member
	Ms. LAONGTIP WANASUWANNAKUL	Member

## Roles of Sub-committees

Sub-committees responsible for risk management	: Risk Management and Investment Committee
Sub-committees responsible for nomination	: Nomination, Remuneration and Corporate Governance Committee
Sub-committees responsible for remuneration	: Nomination, Remuneration and Corporate Governance Committee
Sub-committees responsible for corporate governance	: Nomination, Remuneration and Corporate Governance Committee
Sub-committees responsible for corporate sustainability development	: None

## Executives (7.4)

### List and positions of the executive (7.4.1)

#### The four highest-ranking executives

General information	Position	Date position was assumed	Experience and expertise
1. Mr. SAKDA SIRIPHATTRASOPHON [1] Gender: Male Age: 60 years old Highest level of education: Doctoral degree Major: Business Administration	CHIEF EXECUTIVE OFFICER	16 Aug 2021	Risk Management, Sustainability, Marketing, Human Resource Management, Accounting, Finance, IT Management
2. Mr. Thanapat Rattanapitag Gender: Male Age: 55 years old Highest level of education: Bachelor's degree Major: Engineering	Chief Operating Officer	1 Jan 2019	
3. Ms. Patchara Thongprapai [1] Gender: Female Age: 59 years old Highest level of education: Master's degree Major: Business Administration	Chief Financial Officer	26 Aug 2019	
4. Mr. Pavarut Thongrod Gender: Male Age: 46 years old Highest level of education: Bachelor's degree Major: Engineering	Maintenance Division Manager	1 Apr 2020	
5. Mr. Donlawat Jintasopon [2] Gender: Male Age: 32 years old Highest level of education: Bachelor's degree Major: Accounting	Accounting and Finance Division Manager	16 Jul 2021	

6.	Ms. Wannapa Srisuwan Gender: Female Age: 37 years old Highest level of education: Bachelor's degree Major: Management	Quality Management Division Manager	1 Dec 2018
7.	Mrs. Wanida Pumchaiya Gender: Female Age: 52 years old Highest level of education: Bachelor's degree Major: Political Science	General Administration Division Manager	1 Sep 2020
8.	Ms. Vutichan Tareethai Gender: Male Age: 47 years old Highest level of education: Bachelor's degree Major: Engineering	Business Development Manager	29 Dec 2022

[1] Highest responsibility in accounting and finance

[2] Directly responsible for financial account supervision

## Remuneration policy for executives (7.4.2 – 7.4.3)

### Remuneration policy for executives

Remuneration policy for executives : Yes

### Other forms of remuneration

Employee Stock Ownership Plan (ESOP) : No

Employee Joint Investment Program (EJIP) : No

## Employees (7.5)

### Information about company employees

#### Employees

Number of male employees (persons) : 75

Number of female employees (persons) : 64

Total (persons) : 139

#### Provident fund

Total number of employees (persons) : 139

Number of employees contributing to the PVD (persons) : 77

Percentage of employees who are members (%) : 55.82

# Performance Report on Corporate Governance

# Performance Report on Corporate Governance

## Summary of Director Performance (8.1)

### Selection, development, and evaluation of duty performance of the Board of Directors (8.1.1)

#### List of new directors appointed in the past year

• List of continuing directors (full term of directorship and being re-appointed as a director)

General information	Position	Date position was assumed	Experience and expertise
1. Mr. PONGNARATE WANASUWANKUL Gender: Male Age: 43 years old Highest level of education: Master's degree Major: Engineering Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive)  Director type: Re-elected as director	Date position was assumed: 3 Nov 2021	Strategic Management, Risk Management, Marketing, Human Resource Management, Accounting, Finance, Engineering, IT Management, Sustainability, Energy & Utilities
2. Mrs. PHATCHARIN LAPHAROJKIJ Gender: Female Age: 47 years old Highest level of education: Master's degree Major: Strategic Management Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive)  Director type: Re-elected as director	Date position was assumed: 3 Nov 2021	Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Finance, Sustainability, Energy & Utilities
3. Mrs. PENSRI MEESUKSABAI Gender: Female Age: 65 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director)  Director type: Re-elected as director	Date position was assumed: 3 Nov 2021	Strategic Management, Risk Management, Law, Marketing, Human Resource Management, Accounting, Finance, IT Management, Sustainability, Energy & Utilities



## Development of directors over the past year

List of directors	Position	Participated in director development program
Mr. KOSIT FUANGSWASDI	Chairman of the board	N/A
Mr. PONGNARIN WANASUWANAKUL	Director	N/A
Mr. PONGNARATE WANASUWANKUL	Director	N/A
Mrs. PHATCHARIN LAPHAROJKIJ	Director	N/A
Ms. LAONGTIP WANASUWANNAKUL	Director	N/A
Mr. THORANIT TANTIKULWICHIT	Director	N/A
Mr. TANAN CHUB-UPPAKARN	Director	N/A
Mrs. PENSRI MEESUKSABAI	Director	N/A
Mr. ARTHORN SINSAWAD	Director	N/A
Mr. SAKDA SIRIPHATTRASOPHON	Director	N/A

## Directors' performance assessment

Method used to evaluate directors' performance : Whole-board-of-directors assessment, Individual-director assessment (self-assessment)

## Meeting attendance and remuneration to each Board member (8.1.2)

### Meeting attendance of the board of directors

EGM meeting : No

List of directors	Termination date	Number of Board Meeting	AGM meetings	EGM meetings
1. Mr. KOSIT FUANGSWASDI (Chairman of the board)	-	N/A	N/A	Did not hold the meeting

2.	Mr. PONGNARIN WANASUWANAKUL (Director)	-	N/A	N/A	Did not hold the meeting
3.	Mr. PONGNARATE WANASUWANKUL (Director)	-	N/A	N/A	Did not hold the meeting
4.	Mrs. PHATCHARIN LAPHAROJKIJ (Director)	-	N/A	N/A	Did not hold the meeting
5.	Ms. LAONGTIP WANASUWANNAKUL (Director)	-	N/A	N/A	Did not hold the meeting
6.	Mr. THORANIT TANTIKULWICHIT (Director)	-	N/A	N/A	Did not hold the meeting
7.	Mr. TANAN CHUB-UPPAKARN (Director)	-	N/A	N/A	Did not hold the meeting
8.	Mrs. PENSRI MEESUKSABAI (Director)	-	N/A	N/A	Did not hold the meeting
9.	Mr. ARTHORN SINSAWAD (Director)	-	N/A	N/A	Did not hold the meeting
10.	Mr. SAKDA SIRIPHATTRASOPHON (Director)	-	N/A	N/A	Did not hold the meeting