



Annual Registration Statement / Annual Report

Form 56-1 One Report

(Structured Data Report)

AI 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 : AI ENERGY PUBLIC COMPANY LIMITED

Symbol : AIE

Address : 55/2 Moo 8 Sethakit 1 Rd., Khlong Maduea, Krathum Baen

Province : Samut Sakhon

Postcode : 74110

Business : The manufacturer and distributor of biodiesel, edible oil,
refined glycerine and by products from crude palm oil

Registration Number : 0107556000311

Telephone : 0-3487-7485-8

Fax (if applicable) : 0-3487-7491-2

Website : www.aienergy.co.th

Email : aienergy@aienergy.co.th

Total Shares Sold (shares)

Common Stock : 1,326,613,416

Preferred Stock : 0

Business Operations (1.2)

Revenue Structure (1.2.1)

By Product Line or Business Grouping

	2020	2021	2022
Total (Thousand baht)	5,519,030.00	6,438,390.00	7,746,420.00
Revenue from sales (Thousand baht)	5,504,300.00	6,431,560.00	7,688,120.00
Revenue from production service (Thousand baht)	0.00	0.00	36,870.00
Revenue from sea freight service (Thousand baht)	9,780.00	0.00	0.00
Other income (Thousand baht)	4,950.00	6,830.00	21,430.00

	2020	2021	2022
Total (%)	100.00	100.00	100.00
Revenue from sales (%)	99.73	99.89	99.25
Revenue from production service (%)	0.00	0.00	0.48
Revenue from sea freight service (%)	0.18	0.00	0.00
Other income (%)	0.09	0.11	0.28

By Geographical Area or Market

	2020	2021	2022
Total (Thousand baht)	5,519,030.00	6,438,390.00	7,746,420.00
Domestic (Thousand baht)	5,497,130.00	6,401,320.00	7,530,690.00
International (Thousand baht)	21,900.00	37,070.00	215,730.00

	2020	2021	2022
Total (%)	100.00	100.00	100.00
Domestic (%)	99.60	99.42	97.22

International (%)	0.40	0.58	2.78
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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

Risk Management

Risk Management

Risk Factors (2.2)

Risk that might affect the company's business, including environmental, social and corporate governance issues (2.2.1)

Business Competition

Risk Management Measures: Yes

Related Risk Topics

Strategic Risk

- Volatility in the industry in which the company operates

Risk from fluctuations in CPO prices

Risk Management Measures: Yes

Related Risk Topics

Operational Risk

- Shortage or fluctuation in pricing of raw materials or productive resources

Risk from the government policy amendment

Risk Management Measures: Yes

Related Risk Topics

Strategic Risk

- Government policy

Customer Concentration Risk

Risk Management Measures: Yes

Related Risk Topics

Strategic Risk

- Reliance on large customers or few customers

Risks from unforeseeable event

Risk Management Measures: Yes

Related Risk Topics

Operational Risk

- Safety, occupational health, and working environment

Risk to Securities Holder (2.2.2)

Risks of Dependency on Main Executives

Risk Management Measures: Yes

Related Risk Topics

- Other

Risks in case that there are principal shareholders holding over 50 percent of shares

Risk Management Measures: Yes

Related Risk Topics

- Other

Sustainable Development

Sustainable Development

Sustainability Management Policy and Targets (3.1)

Sustainability Management Policy and Targets

Corporate Sustainability Policy : Yes

URL of corporate sustainability policy : <https://www.aienergy.co.th/storage/document/cogove/1672042686%E0%B8%99%E0%B9%82%E0%B8%A2%E0%B8%9A%E0%B8%B2%E0%B8%A2>

Environmental Aspect (3.3)

Policy and Guideline on Environmental Aspect (3.3.1)

Environmental Policy and Practice : Yes

URL of environmental policy and practice :

Company environmental guideline : Water Management, Waste Management, Greenhouse Gas and Climate Change Management

Results with Respect to the Environmental Aspect (3.3.2)

Energy management

- Fuel consumption

	2020	2021	2022
Jet fuel (Litre)	0.00	0.00	0.00
Diesel (Litre)	80,795.94	53,319.65	26,408.00
Gasoline (Litre)	0.00	0.00	0.00
Fuel oil (liters)	574,848.00	493,509.00	465,643.00
Crude oil (barrels)	0.00	0.00	0.00
Natural gas (Standard cubic feet)	0.00	0.00	0.00

LPG (Kilogram)	45.00	60.00	30.00
Steam (tonnes)	146,188.00	136,036.00	135,202.00
Coal (tonnes)	26,118.37	24,818.39	23,488.20

• **Electricity consumption**

	2020	2021	2022
Amount of electricity purchased (kWh)	18,019,360.00	15,648,960.00	15,496,880.00

Water management

• **Water consumption**

	2020	2021	2022
Water consumption (cubic meters)	373,703.00	349,064.00	324,282.00

Waste management

• **Waste from operations**

	2020	2021	2022
Non-hazardous waste (kg)	3,881,070.00	4,116,061.00	4,302,300.00
Hazardous waste (kg)	426,740.00	169,710.00	10,190.00
Total (kg)	4,307,810.00	4,285,771.00	4,312,490.00

Greenhouse gas management

• **Greenhouse gas emissions**

	2020	2021	2022
GHG emission target	0.00	0.00	0.00
Scope 1 (Tons of carbon dioxide equivalents)	0.00	66,605.00	42,534.00
Scope 2 (Tons of carbon dioxide equivalents)	0.00	19,493.00	6,844.00
Scope 3 (Tons of carbon dioxide equivalents)	0.00	0.00	0.00

Total (Tons of carbon dioxide equivalents)	0.00	86,098.00	49,378.00
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• Verification of greenhouse gas emissions over the past year

Third-party verification : Yes

Name of verifying organization : NPC Safety Environmental Service Co., Ltd.

Social Aspect (3.4)

Policy and Guideline on Social Aspect (3.4.1)

Human Rights Policy : Yes

URL of human rights policy : <https://www.aienergy.co.th/storage/document/cogove/1672042686%E0%B8%99%E0%B9%82%E0%B8%A2%E0%B8%9A%E0%B8%B2%E0%B8%A2>

Company human right guideline : Employee Rights, Child Labor, Community and Environment Rights, Safety and Occupational Health at Work, Non-discrimination

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)	182	172	173
Number of female employees (persons)	53	54	54
Total (persons)	235	226	227

- **Employee remuneration**

	2020	2021	2022
Employee remuneration (baht)	73,040,874.25	77,282,218.45	76,501,650.25

- **Employee development and training**

	2020	2021	2022
Average training hours of employees (hour / person / year)	129	123	133
Employee development and training expenses (baht)	176,475.70	170,008.42	318,313.55

- **Health, safety and work environment**

	2020	2021	2022
Number of employee work injuries leading to employee absence (times)	3	1	0

• **Employee retention**

	2020	2021	2022
Percentage of employees who voluntarily resigned (%)	10.21	10.18	16.30

• **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

Company website on corporate governance policy : <https://www.aienergy.co.th/storage/document/cogove/1637221939%E0%B8%99%E0%B9%82%E0%B8%A2%E0%B8%9A%E0%B8%B2%E0%B8%A2%E0%B8%>

Policy and Guideline Related to the Board of Directors (6.1.1)

Policy and guideline related to the board of directors

Company policy and guideline : Nomination of Directors, Compensation, Independence of the Board of Directors, Director Development, Board Performance Evaluation, Corporate Governance of Subsidiaries and Associated Companies

Code of Conduct (6.2)

Establishing a Code of Conduct

Establishing a Code of Conduct

Code of Conduct : Yes

Policy and Guideline related to the Code of Conduct

Company policy and guideline : Preventing of Conflicts of Interest, Preventing the Misuse of Inside Information, Anti-corruption

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	6	100.00
Number of male directors	5	83.33
Number of female directors	1	16.67
Number of executive directors	3	50.00
Number of non-executive directors	3	50.00
Number of independent directors	3	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. NARONG THARERATANAVIBOOL Gender: Male Age: 72 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Chairman of the board (Executive) Director type: Original director	4 Oct 2006	Leadership

2.	Mr. THANIT THARERATANAVIBOOL Gender: Male Age: 65 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Vice Chairman (Executive) Director type: Original director	4 Oct 2006	Engineering
3.	Mr. SAMPAN HUNPAYON Gender: Male Age: 70 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	9 Apr 2013	Law
4.	Mr. CHOTI SONTIWATTANANONT Gender: Male Age: 67 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	31 May 2013	Accounting, Finance
5.	Ms. PIMWAN THARERATANAVIBOOL Gender: Female Age: 37 years old Highest level of education: Master's degree Major: International Business Thai nationality: Yes Residing in Thailand: Yes	Director (Executive) Director type: Original director	17 May 2017	Accounting, Procurement, Banking

6.	Mr. DAMRONG JOONGWONG	Director	5 Apr 2021
	Gender: Male	(Non-executive,	
	Age: 77 years old	Independent director)	
	Highest level of education:		
	Master's degree	Director type: Original	
	Major: Business Administration	director	
	Thai nationality: Yes		
	Residing in Thailand: Yes		

Other Information pertaining to committees

The Chairman is an independent director : No

The Chairman and the manager are the same person : No

The Chairman and the manager are members of the same family : Yes

The company appoints at least one independent director to determine the agenda
of the Board of Directors' meetings : Yes

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. DAMRONG JOONGWONG Gender: Male Age: 77 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Chairman of the audit committee (Non-executive, Independent director) Director type: Original director	12 May 2021	
2. Mr. SAMPAN HUNPAYON Gender: Male Age: 70 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: Re-elected as director	9 Apr 2013	Law
3. Mr. CHOTI SONTIWATTANANONT [1] Gender: Male Age: 67 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: Re-elected as director	31 May 2013	Accounting, Finance

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

Executive Committee

List of executive committee members

General information	Position	Date position was assumed
1. Mr. NARONG THARERATANAVIBOOL Gender: Male Age: 72 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Chairman of the executive committee	4 Oct 2006
2. Mr. THANIT THARERATANAVIBOOL Gender: Male Age: 65 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Member of the executive committee	4 Oct 2006
3. Ms. PIMWAN THARERATANAVIBOOL Gender: Female Age: 37 years old Highest level of education: Master's degree Major: International Business Thai nationality: Yes Residing in Thailand: Yes	Member of the executive committee	17 May 2017

Other sub-committees

Sub-committees information

Name of sub-committees	List of directors	Position
Risk Management Committee	Mr. THANIT THARERATANAVIBOOL	Chairman
	Mr. CHOTI SONTIWATTANANONT	Member
	Ms. PIMWAN THARERATANAVIBOOL	Member

Roles of Sub-committees

Sub-committees responsible for risk management	: Risk Management Committee
Sub-committees responsible for nomination	: None
Sub-committees responsible for remuneration	: None
Sub-committees responsible for corporate governance	: None
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. Ms. PIMWAN THARERATANAVIBOOL Gender: Female Age: 37 years old Highest level of education: Master's degree Major: International Business	MANAGING DIRECTOR	17 May 2017	Accounting, Procurement, Banking
2. Ms. Arunrat Sanprasertsuk [1] Gender: Female Age: 43 years old Highest level of education: Bachelor's degree Major: Accounting	Head of Accounting and Finance	21 Feb 2022	Accounting, Finance
3. Ms. Piyanart Namphairoj [2] Gender: Female Age: 50 years old Highest level of education: Master's degree Major: Business Administration	Accounting and Finance Manager	30 Apr 2015	Accounting, Finance
4. Mr. Chainarong Saenphuwa Gender: Male Age: 40 years old Highest level of education: Bachelor's degree Major: Science	Operational Excellence Manager	30 Apr 2015	Petrochemicals & Chemicals, Personal Products & Pharmaceuticals
5. Ms. Ratima Thareratanavibool Gender: Female Age: 32 years old Highest level of education: Master's degree Major: Finance	HR and Corporate Support Manager	17 May 2017	Banking, Accounting, Finance

6.	Mr. Pongsakon Thareratanavibool Gender: Male Age: 29 years old Highest level of education: Master's degree Major: Business Analytics: Operational Research and Risk Analysis	Business Development and Corporate Strategy Manager	12 May 2021	Petrochemicals & Chemicals, Data Analysis, Engineering, Strategic Management, Risk Management
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[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 : No

Remuneration

	2020	2021	2022
Total executive remuneration (baht)	10,000,000.00	10,683,821.40	13,849,566.30

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) : 173

Number of female employees (persons) : 54

Total (persons) : 227

Employee Remuneration

Total employee remuneration : 76,501,650.25

Provident fund

Total number of employees (persons) : 227

Number of employees contributing to the PVD (persons) : 106

Percentage of employees who are members (%) : 46.70

Other Significant Information (7.6)

Other significant information

Assigned persons

- Person assigned to take direct responsibility for accounting oversight

General information	Email	Telephone
1. Ms. Piyanart Namphairoj	piyanart@aienergy.co.th	0838007666

- Company secretary

General information	Email	Telephone
1. Ms. Pimwan Thareratanavibool	pimwan@aienergy.co.th	0951638850

- Head of internal audit

General information	Email	Telephone
1. Ms. Piyamas Ruangsangrob	piyamas@honoraudit.com	0

Company's auditor

Company	Names and general information of auditors	Audit fee (baht)	Other non-audit fees (baht)
1. SIAM TRUTH AUDIT COMPANY LIMITED	1. Mr. Banyong Pitchyaprasarn Email: banyong@siamtruth.com Telephone: 0	3,300,000.00	-

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. SAMPAN HUNPAYON Gender: Male Age: 70 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: 9 Apr 2013	Law
2. Mr. CHOTI SONTIWATTANANONT Gender: Male Age: 67 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: 31 May 2013	Accounting, Finance

Development of directors over the past year

List of directors	Position	Participated in director development program
Mr. NARONG THARERATANAVIBOOL	Chairman of the board	Non-participating
Mr. THANIT THARERATANAVIBOOL	Vice Chairman	Non-participating
Mr. SAMPAN HUNPAYON	Director	Non-participating

Mr. CHOTI SONTIWATTANANONT	Director	Non-participating
Ms. PIMWAN THARERATANAVIBOOL	Director	Participating
Mr. DAMRONG JOONGWONG	Director	Non-participating

Directors' performance assessment

Method used to evaluate directors' performance : Individual-director assessment (self-assessment)

Meeting attendance and remuneration to each Board member (8.1.2)

Meeting attendance of the board of directors

Number of board meetings (times) : 5

Date of AGM meeting : 5 Apr 2022

EGM meeting : No

	List of directors	Termination date	Number of Board Meeting	AGM meetings	EGM meetings
1.	Mr. NARONG THARERATANAVIBOOL (Chairman of the board)	-	5/5	Participating	Did not hold the meeting
2.	Mr. THANIT THARERATANAVIBOOL (Vice Chairman)	-	5/5	Participating	Did not hold the meeting
3.	Mr. SAMPAN HUNPAYON (Director)	-	5/5	Participating	Did not hold the meeting
4.	Mr. CHOTI SONTIWATTANANONT (Director)	-	5/5	Participating	Did not hold the meeting
5.	Ms. PIMWAN THARERATANAVIBOOL (Director)	-	5/5	Participating	Did not hold the meeting
6.	Mr. DAMRONG JOONGWONG (Director)	-	5/5	Participating	Did not hold the meeting

Remuneration for company directors

List of directors		Termination date	Meeting allowance (baht)	Other monetary remuneration (baht)	Other non- monetary
1.	Mr. NARONG THARERATANAVIBOOL (Chairman of the board)	-	324,000.00	0.00	No
2.	Mr. THANIT THARERATANAVIBOOL (Vice Chairman)	-	270,000.00	0.00	No
3.	Mr. SAMPAN HUNPAYON (Director)	-	390,000.00	0.00	No
4.	Mr. CHOTI SONTIWATTANANONT (Director)	-	390,000.00	0.00	No
5.	Ms. PIMWAN THARERATANAVIBOOL (Director)	-	270,000.00	0.00	No
6.	Mr. DAMRONG JOONGWONG (Director)	-	468,000.00	0.00	No

Report on the Audit Committee's Performance for the Past Year (8.2)

Report on the audit committee's performance for the past year

Meeting attendance of audit committee

Number of Audit committee meetings (times) : 8

List of directors		Termination date	Number of the audit committee meeting
1.	Mr. DAMRONG JOONGWONG (Chairman of the audit committee)	-	8/8
2.	Mr. SAMPAN HUNPAYON (Audit committee)	-	8/8
3.	Mr. CHOTI SONTIWATTANANONT (Audit committee)	-	8/8